

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120525\
 Data File : VX048727.D
 Acq On : 05 Dec 2025 11:59
 Operator : JC/MD
 Sample : VX1205WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2025
 Supervised By : Semsettin Yesilyurt 12/08/2025

Quant Time: Dec 05 22:00:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.532	168	168486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	270986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	123117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	114897	50.808	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.620%		
35) Dibromofluoromethane	5.361	113	88118	47.227	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.460%		
50) Toluene-d8	8.629	98	313274	47.899	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.800%		
62) 4-Bromofluorobenzene	11.061	95	111321	49.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	33599	19.572	ug/l	98
3) Chloromethane	1.301	50	37665	17.387	ug/l	99
4) Vinyl Chloride	1.380	62	39474	17.110	ug/l	99
5) Bromomethane	1.618	94	27757	19.469	ug/l	98
6) Chloroethane	1.697	64	24436	17.018	ug/l	94
7) Trichlorofluoromethane	1.898	101	60358	18.254	ug/l	100
8) Diethyl Ether	2.130	74	22215	16.832	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	31037	16.191	ug/l	97
10) Methyl Iodide	2.453	142	42291	15.497	ug/l	95
11) Tert butyl alcohol	2.922	59	31156	85.335	ug/l	100
12) 1,1-Dichloroethene	2.325	96	30123	15.397	ug/l	96
13) Acrolein	2.233	56	29232	109.777	ug/l	98
14) Allyl chloride	2.666	41	49036	14.928	ug/l	89
15) Acrylonitrile	3.050	53	104304	91.685	ug/l	99
16) Acetone	2.368	43	72587	83.847	ug/l	96
17) Carbon Disulfide	2.514	76	87796	15.453	ug/l	98
18) Methyl Acetate	2.697	43	37167	15.259	ug/l	97
19) Methyl tert-butyl Ether	3.099	73	122277	19.204	ug/l	97
20) Methylene Chloride	2.788	84	32922	15.215	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	36104	18.081	ug/l	98
22) Diisopropyl ether	3.739	45	124478	20.277	ug/l #	77
23) Vinyl Acetate	3.703	43	544656	105.589	ug/l	97
24) 1,1-Dichloroethane	3.599	63	67185	19.625	ug/l	99
25) 2-Butanone	4.526	43	138951	108.751	ug/l	93
26) 2,2-Dichloropropane	4.459	77	60742	20.053	ug/l	96
27) cis-1,2-Dichloroethene	4.471	96	42182	18.720	ug/l	90
28) Bromochloromethane	4.879	49	28515	16.994	ug/l	90
29) Tetrahydrofuran	4.977	42	95573	97.961	ug/l	95
30) Chloroform	5.068	83	71756	19.562	ug/l	99
31) Cyclohexane	5.452	56	57947	18.959	ug/l	94
32) 1,1,1-Trichloroethane	5.361	97	65133	19.817	ug/l	96
36) 1,1-Dichloropropene	5.672	75	47110	18.434	ug/l	99
37) Ethyl Acetate	4.684	43	65009	21.289	ug/l	95
38) Carbon Tetrachloride	5.660	117	57216	19.766	ug/l	98
39) Methylcyclohexane	7.361	83	63735	21.091	ug/l	100
40) Benzene	6.019	78	145526	19.209	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	30506	21.957	ug/l	90
42) 1,2-Dichloroethane	6.062	62	56238	20.974	ug/l	95
43) Isopropyl Acetate	6.312	43	95353	20.622	ug/l	95
44) Trichloroethene	7.111	130	40207	20.340	ug/l	96
45) 1,2-Dichloropropane	7.409	63	40173	21.216	ug/l	100
46) Dibromomethane	7.562	93	30927	21.538	ug/l	97
47) Bromodichloromethane	7.799	83	65571	21.902	ug/l	98
48) Methyl methacrylate	7.671	41	51185	22.006	ug/l	97
49) 1,4-Dioxane	7.641	88	12670	396.069	ug/l	91
51) 4-Methyl-2-Pentanone	8.549	43	307345	107.088	ug/l	96
52) Toluene	8.702	92	91283	19.982	ug/l	97
53) t-1,3-Dichloropropene	8.958	75	57729	20.269	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	61684	20.152	ug/l	95
55) 1,1,2-Trichloroethane	9.135	97	36595	19.909	ug/l	98
56) Ethyl methacrylate	9.098	69	58405	20.300	ug/l #	92
57) 1,3-Dichloropropane	9.287	76	62135	20.330	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	143298	92.153	ug/l	99
59) 2-Hexanone	9.409	43	229155	113.742	ug/l	96
60) Dibromochloromethane	9.500	129	45274	19.919	ug/l	99
61) 1,2-Dibromoethane	9.592	107	40474	20.345	ug/l	100
64) Tetrachloroethene	9.257	164	32006	18.010	ug/l	96
65) Chlorobenzene	10.061	112	102376	19.184	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	36694	19.224	ug/l	98
67) Ethyl Benzene	10.177	91	172538	19.813	ug/l	99
68) m/p-Xylenes	10.281	106	133132	39.247	ug/l	99
69) o-Xylene	10.622	106	62510	19.666	ug/l	98
70) Styrene	10.634	104	108651	19.911	ug/l	100
71) Bromoform	10.781	173	32069	18.819	ug/l #	99
73) Isopropylbenzene	10.945	105	166106	20.021	ug/l	100
74) N-amyl acetate	10.823	43	77592	21.524	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	54260	19.383	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	52457m	22.876	ug/l	
77) Bromobenzene	11.177	156	42623	19.248	ug/l	98
78) n-propylbenzene	11.287	91	199101	20.720	ug/l	100
79) 2-Chlorotoluene	11.348	91	116668	19.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	136793	20.058	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	17741	18.378	ug/l	91
82) 4-Chlorotoluene	11.433	91	138202	20.212	ug/l	100
83) tert-Butylbenzene	11.695	119	139992	19.756	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	138765	20.171	ug/l	99
85) sec-Butylbenzene	11.872	105	174812	20.356	ug/l	100
86) p-Isopropyltoluene	11.988	119	148273	20.199	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	78674	19.272	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	80568	19.099	ug/l	98
89) n-Butylbenzene	12.311	91	134336	19.545	ug/l	99
90) Hexachloroethane	12.518	117	27377	18.273	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	74089	18.720	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	12330	18.098	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	54355	20.794	ug/l	98
94) Hexachlorobutadiene	13.701	225	23109	21.373	ug/l	96
95) Naphthalene	13.756	128	168337	24.532	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	43816	18.176	ug/l	98

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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

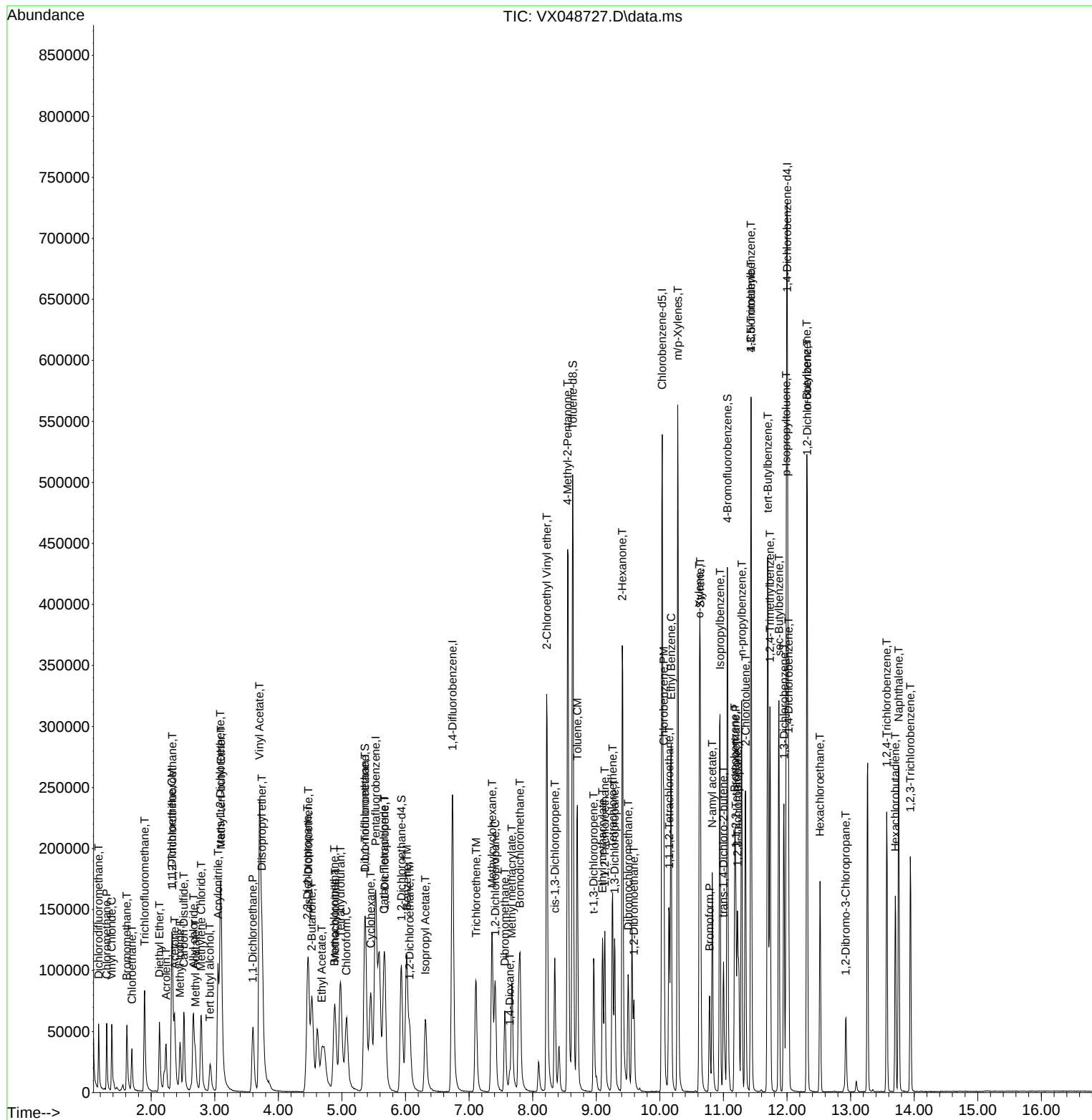
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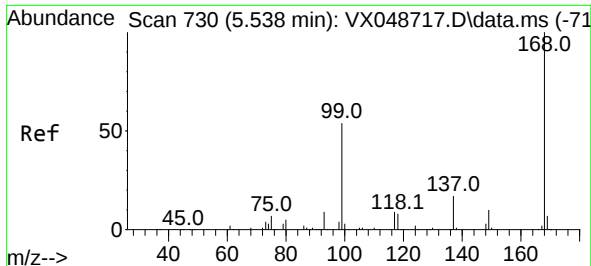
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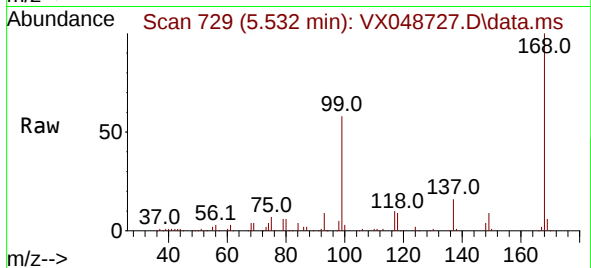
Quant Time: Dec 05 22:00:30 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048727.D
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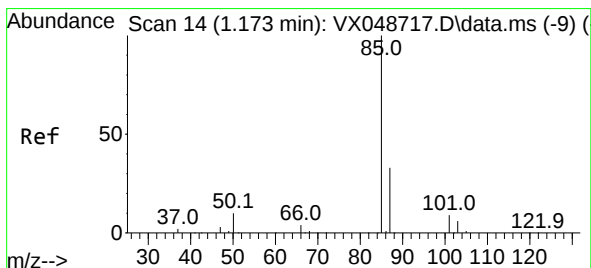
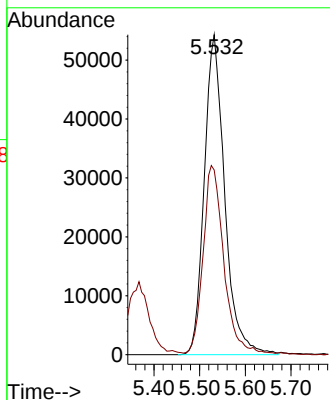
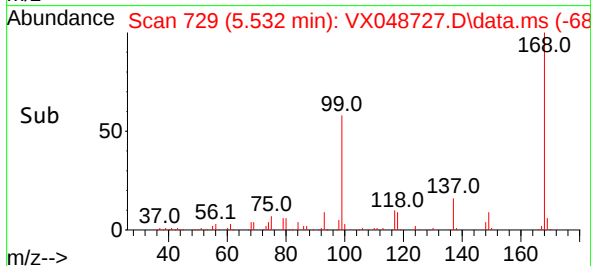
Instrument :
MSVOA_X
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VX1205WBSD01



Tgt Ion:168 Resp: 168480
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4

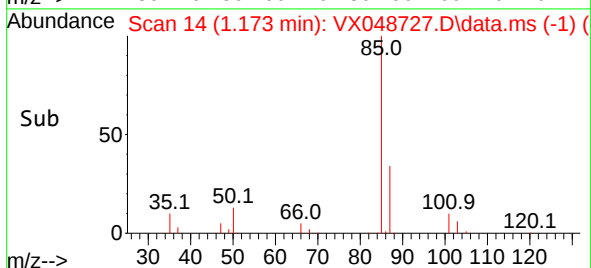
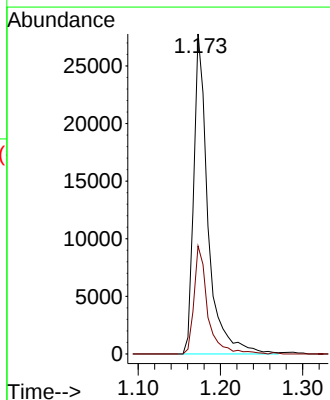
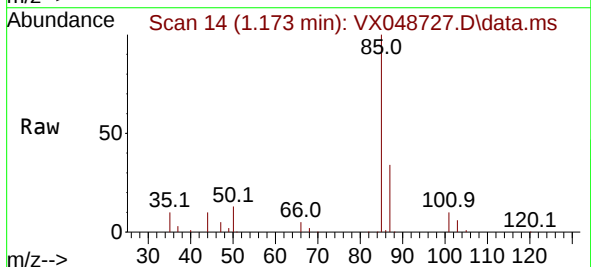
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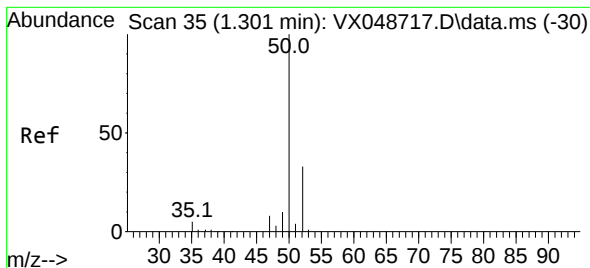
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#2
Dichlorodifluoromethane
Concen: 19.572 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

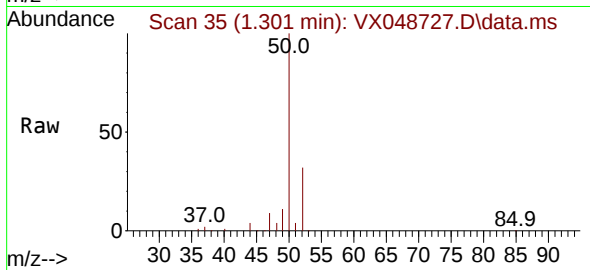
Tgt Ion: 85 Resp: 33599
Ion Ratio Lower Upper
85 100
87 33.7 16.4 49.1





#3
Chloromethane
Concen: 17.387 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

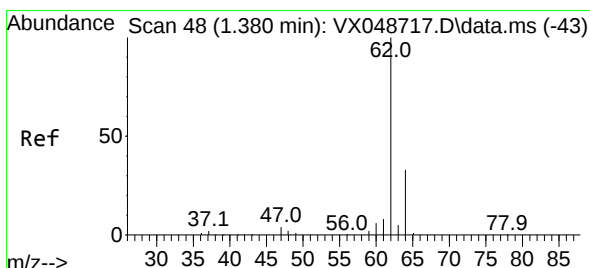
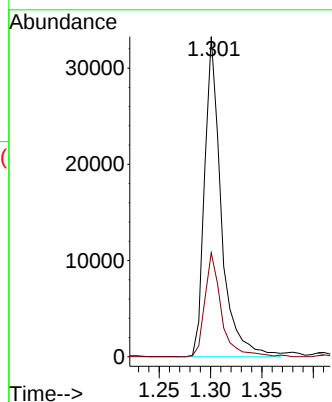
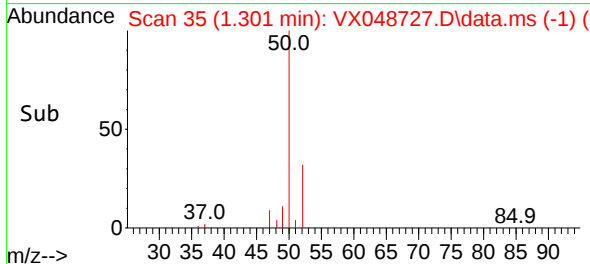
Instrument :
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Tgt Ion: 50 Resp: 3766
Ion Ratio Lower Upper
50 100
52 32.4 26.4 39.6

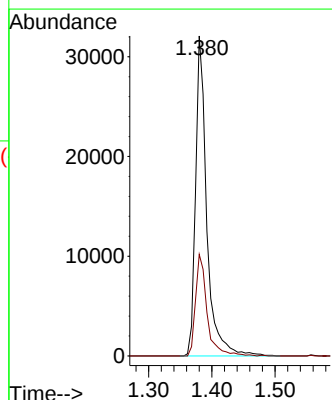
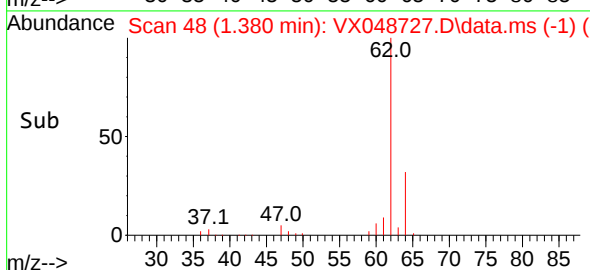
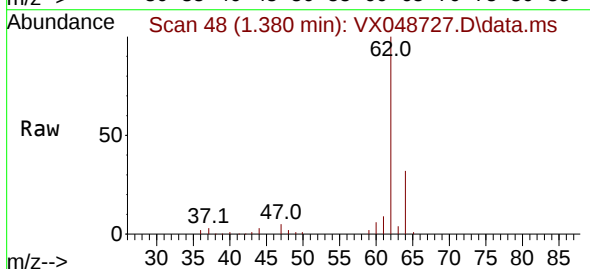
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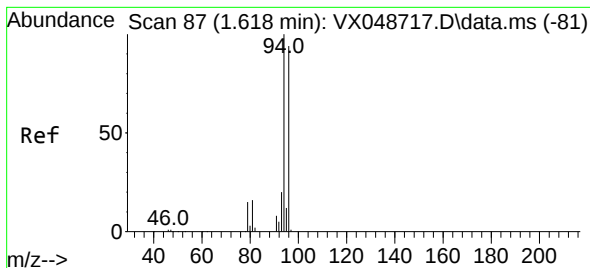
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#4
Vinyl Chloride
Concen: 17.110 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

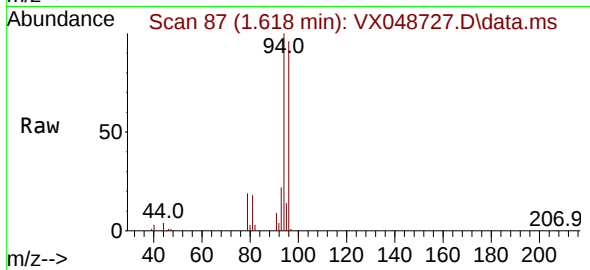
Tgt Ion: 62 Resp: 39474
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





#5
Bromomethane
Concen: 19.469 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

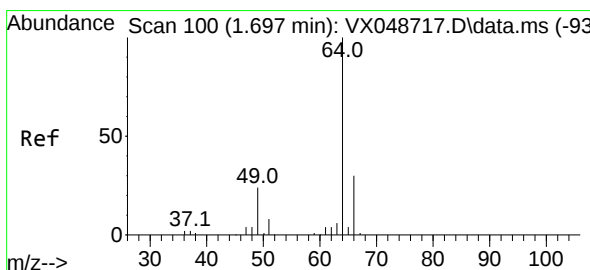
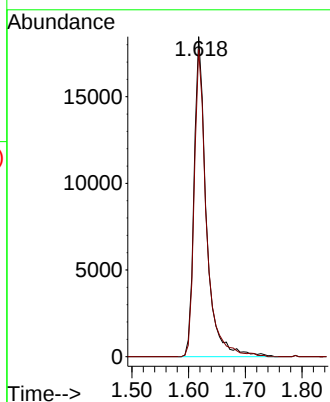
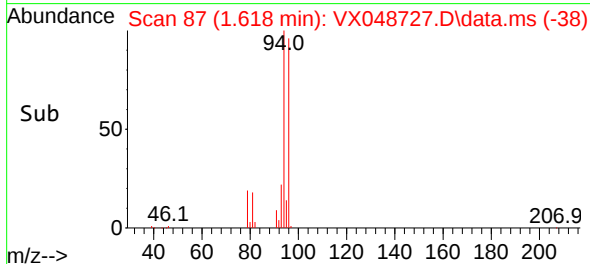
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Tgt Ion: 94 Resp: 2775
Ion Ratio Lower Upper
94 100
96 96.0 75.2 112.8

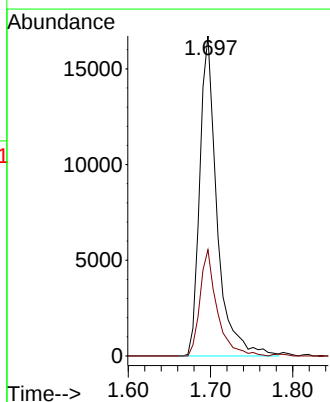
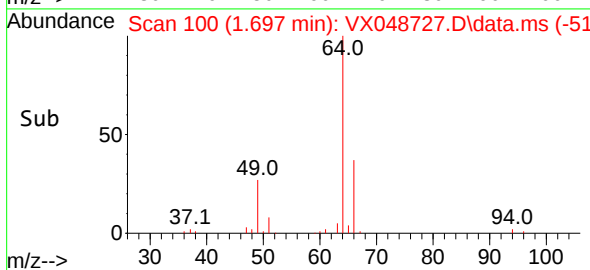
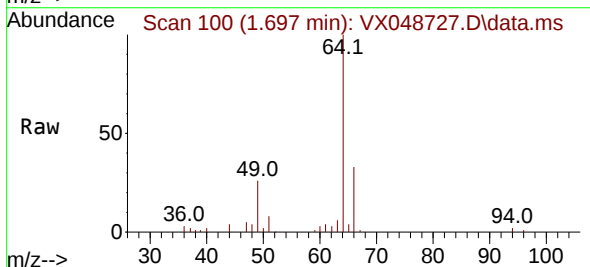
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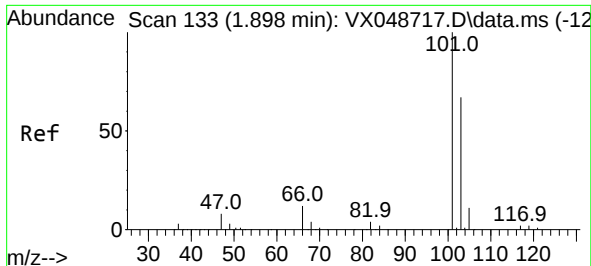
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#6
Chloroethane
Concen: 17.018 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

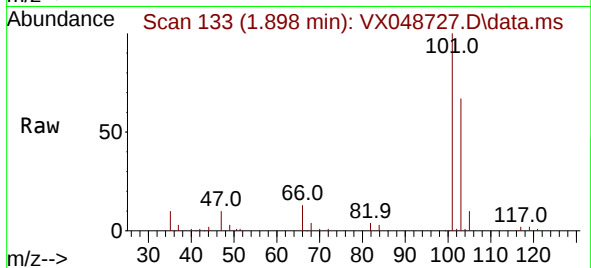
Tgt Ion: 64 Resp: 24436
Ion Ratio Lower Upper
64 100
66 33.2 24.0 36.0





#7
 Trichlorofluoromethane
 Concen: 18.254 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048727.D
 Acq: 05 Dec 2025 11:59

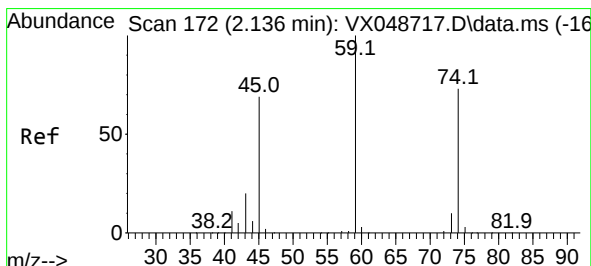
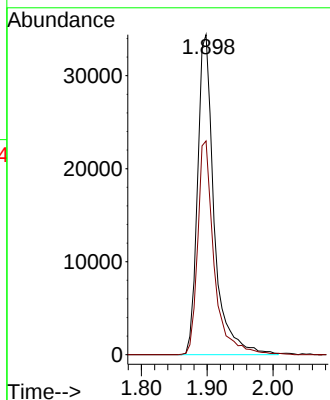
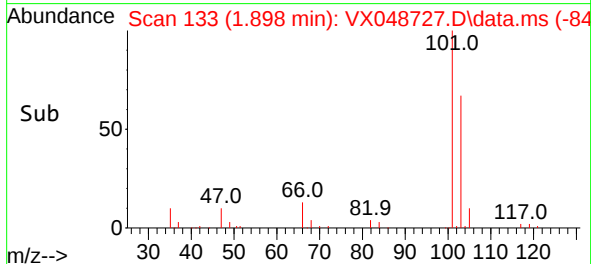
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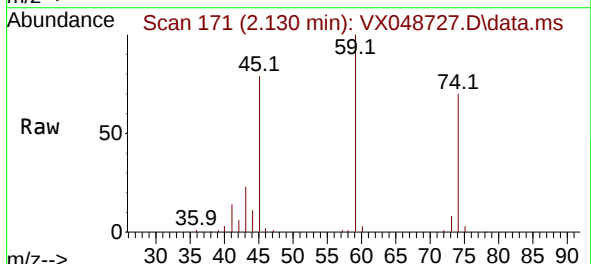
Tgt Ion:101 Resp: 60358
 Ion Ratio Lower Upper
 101 100
 103 66.8 53.4 80.2

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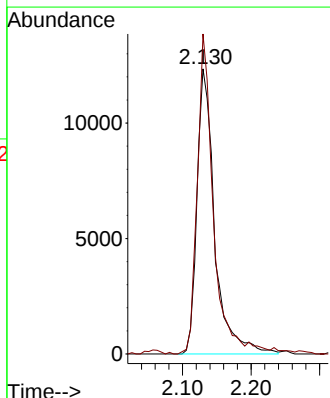
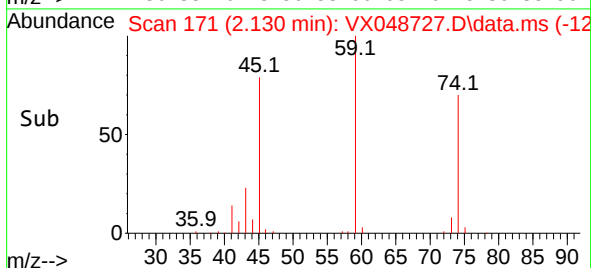
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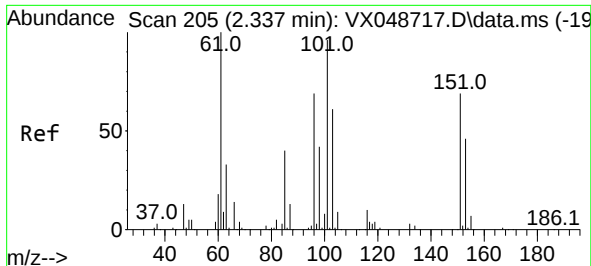


#8
 Diethyl Ether
 Concen: 16.832 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048727.D
 Acq: 05 Dec 2025 11:59



Tgt Ion: 74 Resp: 22215
 Ion Ratio Lower Upper
 74 100
 45 102.7 48.9 146.8





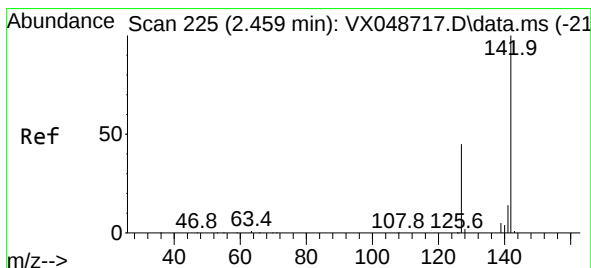
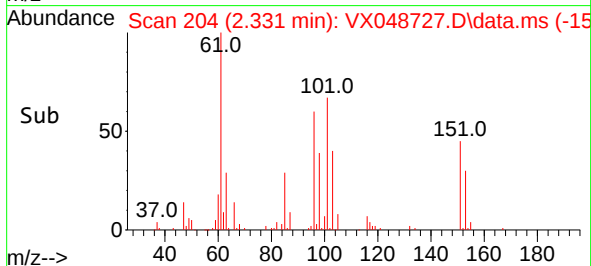
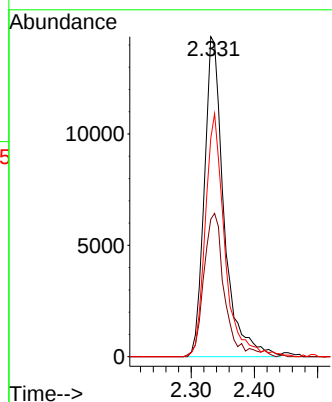
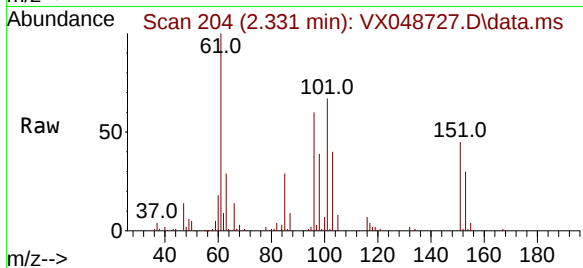
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.191 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion:101 Resp: 3103
Ion Ratio Lower Upper
101 100
85 47.2 34.2 51.2
151 75.5 60.2 90.4

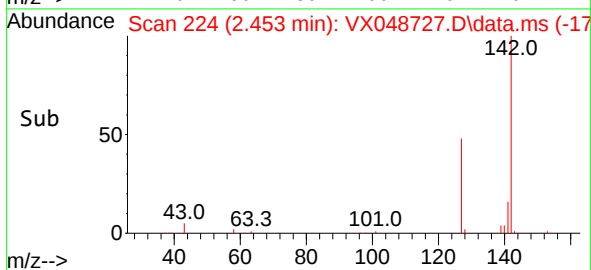
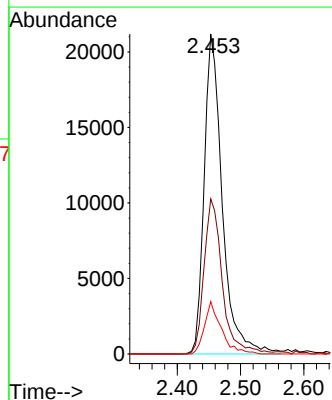
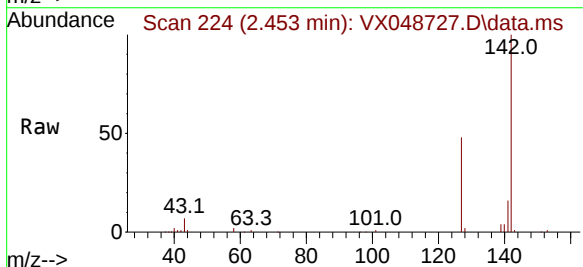
Manual Integrations
APPROVED

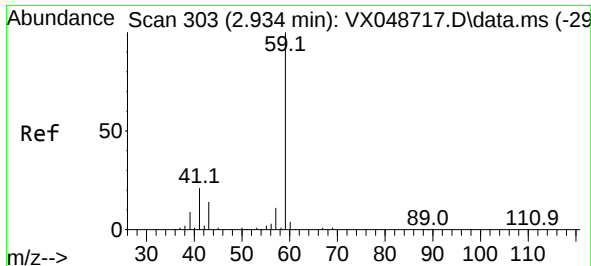
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#10
Methyl Iodide
Concen: 15.497 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

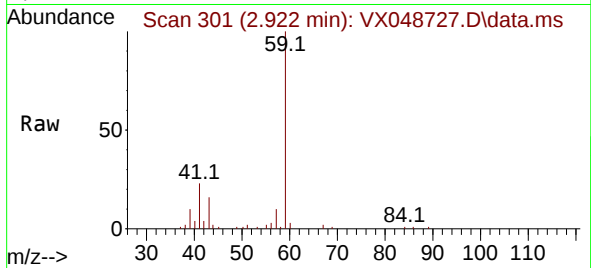
Tgt Ion:142 Resp: 42291
Ion Ratio Lower Upper
142 100
127 48.7 35.8 53.6
141 15.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 85.335 ug/l
RT: 2.922 min Scan# 301
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

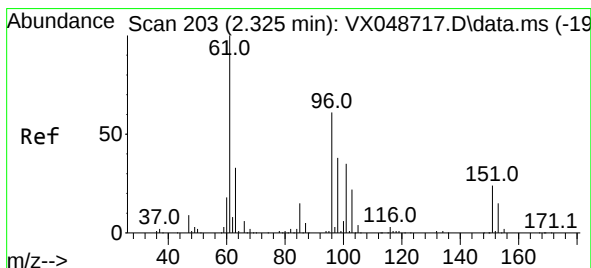
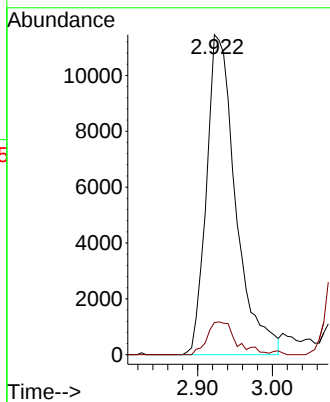
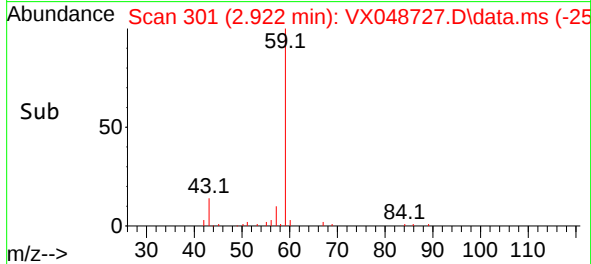
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



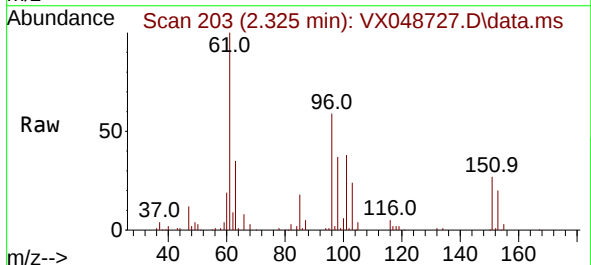
Tgt Ion: 59 Resp: 31150
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

Manual Integrations
APPROVED

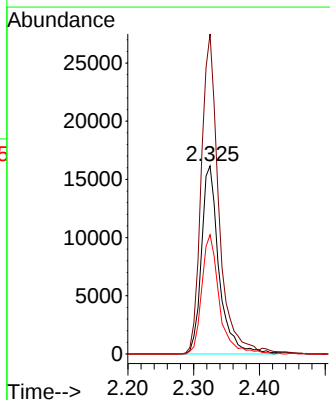
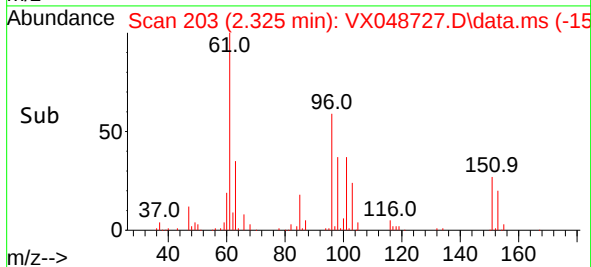
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025

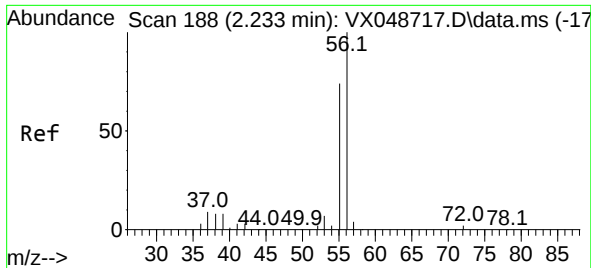


#12
1,1-Dichloroethene
Concen: 15.397 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59



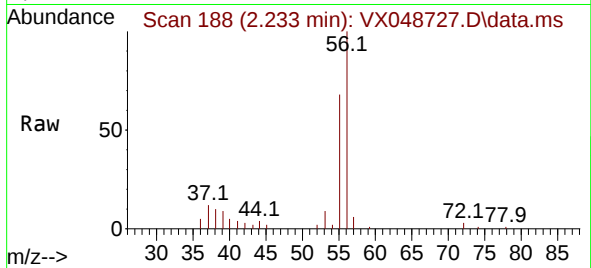
Tgt Ion: 96 Resp: 30123
Ion Ratio Lower Upper
96 100
61 170.2 130.7 196.1
98 63.4 49.8 74.8





#13
Acrolein
Concen: 109.777 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

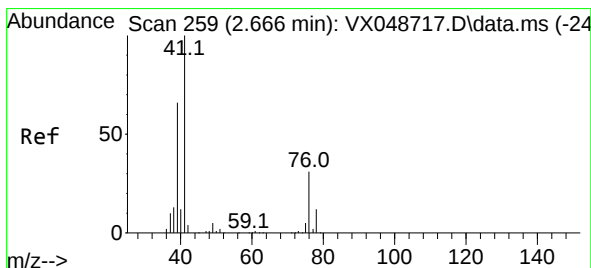
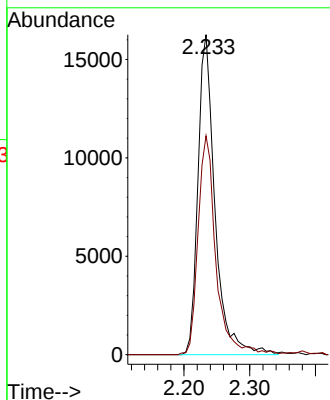
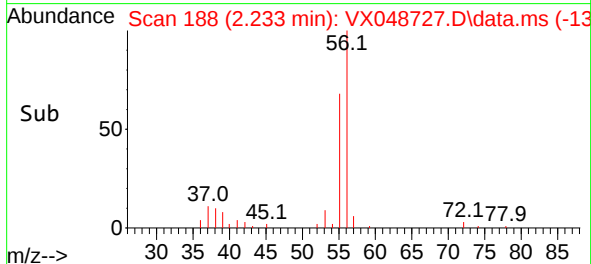
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion: 56 Resp: 2923
Ion Ratio Lower Upper
56 100
55 71.7 55.8 83.6

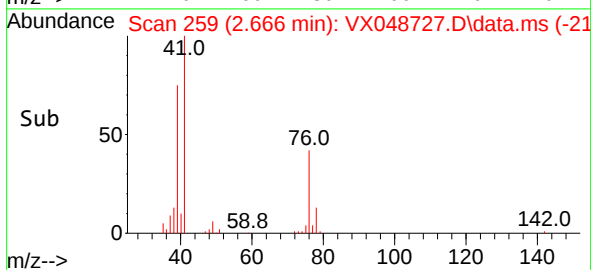
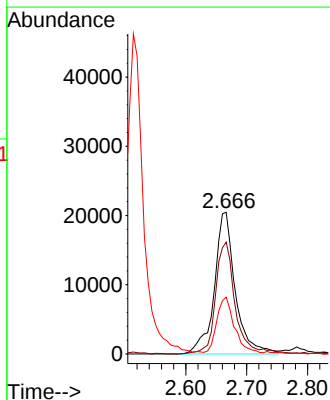
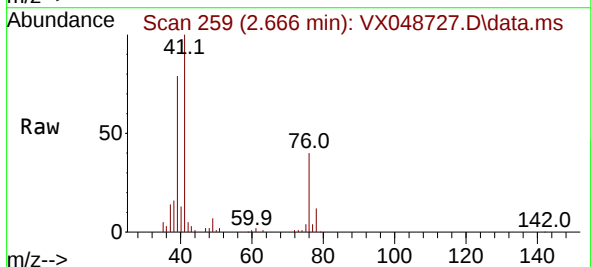
Manual Integrations
APPROVED

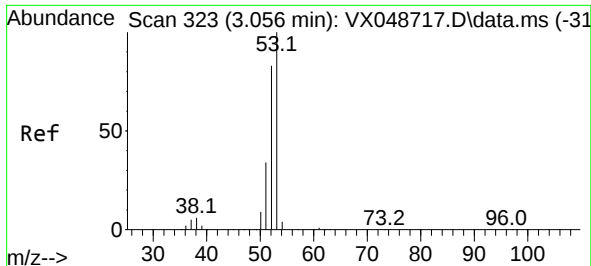
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#14
Allyl chloride
Concen: 14.928 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

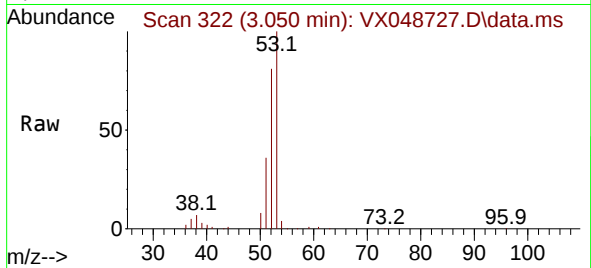
Tgt Ion: 41 Resp: 49036
Ion Ratio Lower Upper
41 100
39 73.9 49.8 74.6
76 32.4 27.3 40.9





#15
Acrylonitrile
Concen: 91.685 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

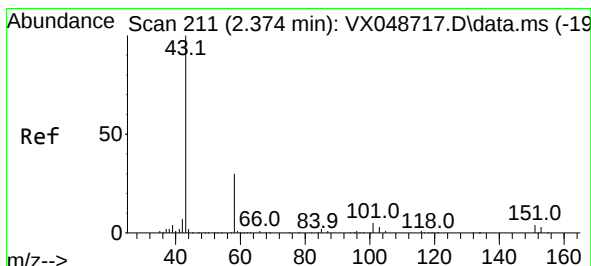
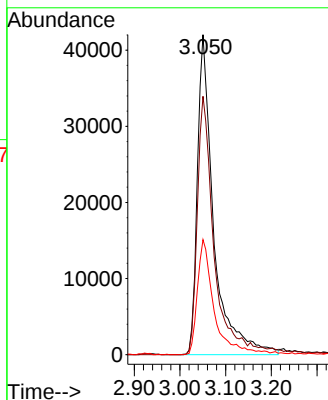
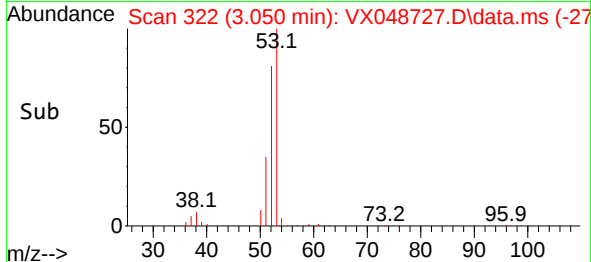
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion: 53 Resp: 104304
Ion Ratio Lower Upper
53 100
52 82.3 66.3 99.5
51 36.8 28.7 43.1

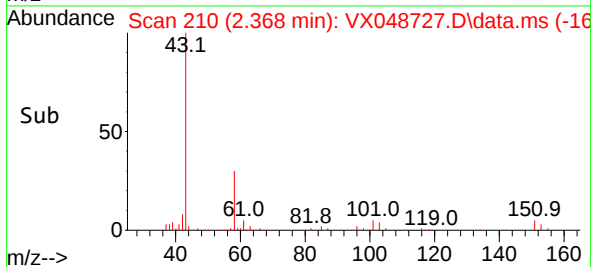
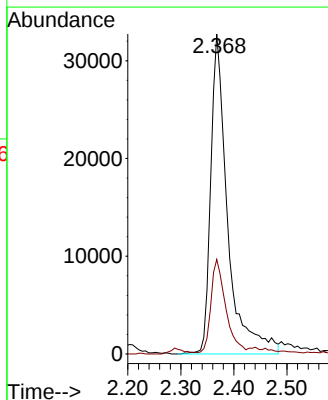
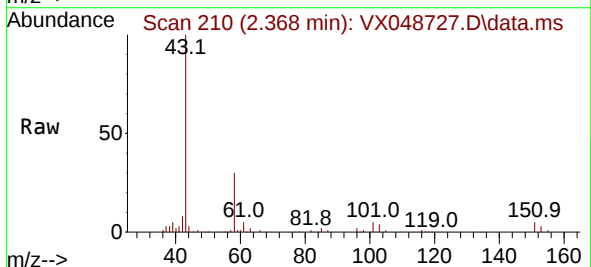
Manual Integrations
APPROVED

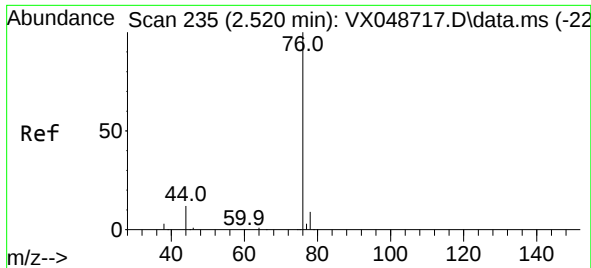
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#16
Acetone
Concen: 83.847 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 43 Resp: 72587
Ion Ratio Lower Upper
43 100
58 28.8 25.0 37.4





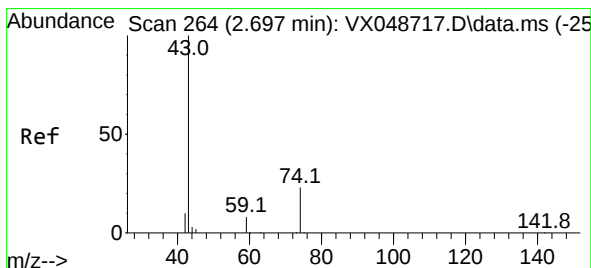
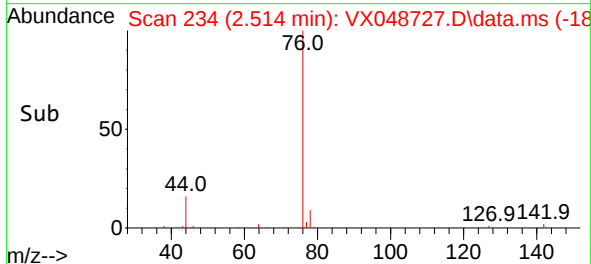
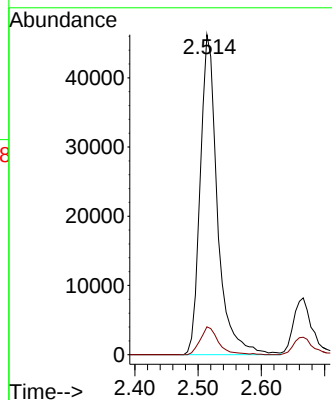
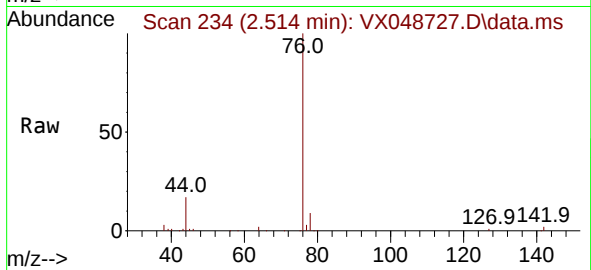
#17
Carbon Disulfide
Concen: 15.453 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion: 76 Resp: 87790
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

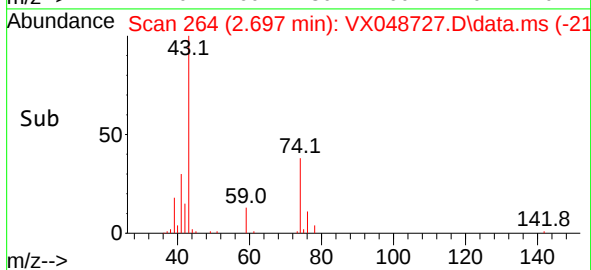
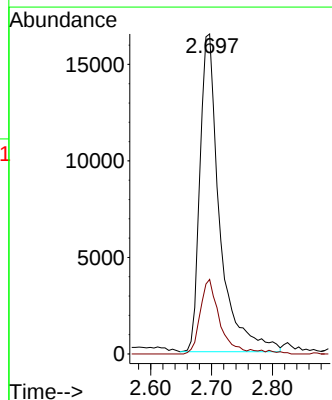
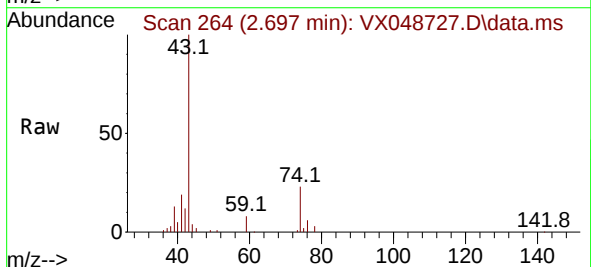
Manual Integrations
APPROVED

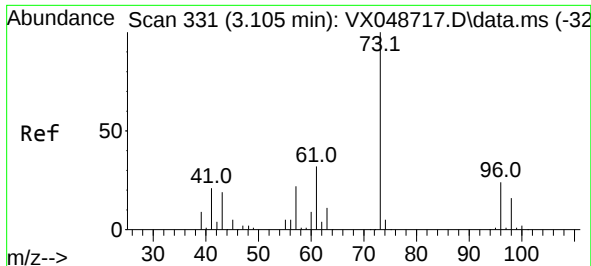
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#18
Methyl Acetate
Concen: 15.259 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

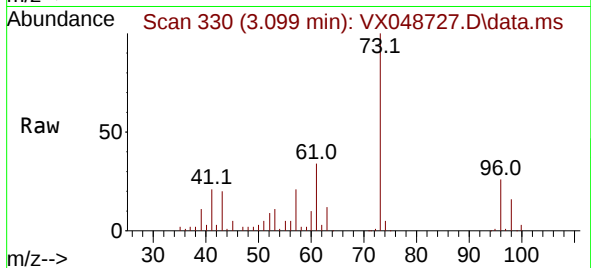
Tgt Ion: 43 Resp: 37167
Ion Ratio Lower Upper
43 100
74 22.7 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 19.204 ug/l
RT: 3.099 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

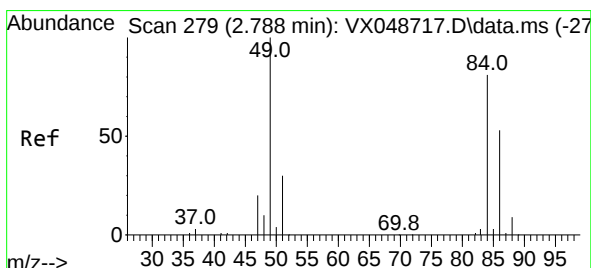
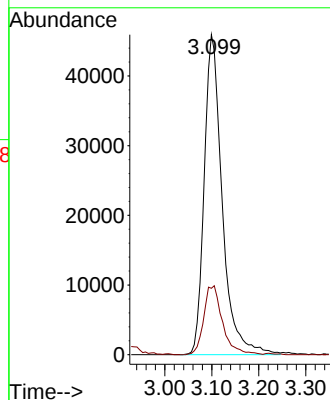
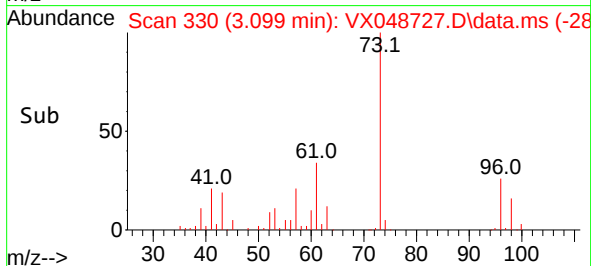
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion: 73 Resp: 12227
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.6

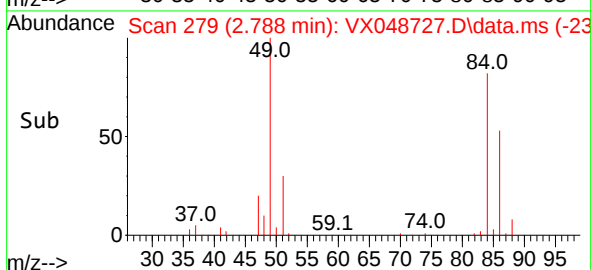
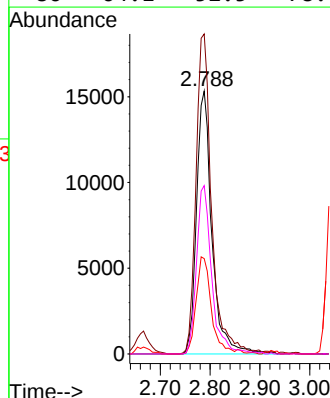
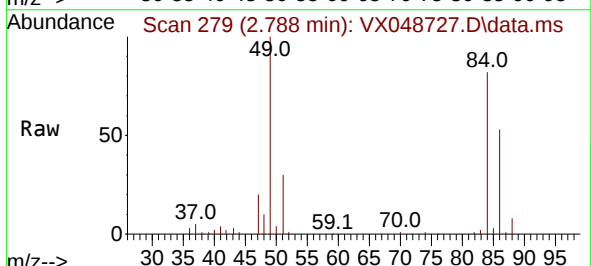
Manual Integrations
APPROVED

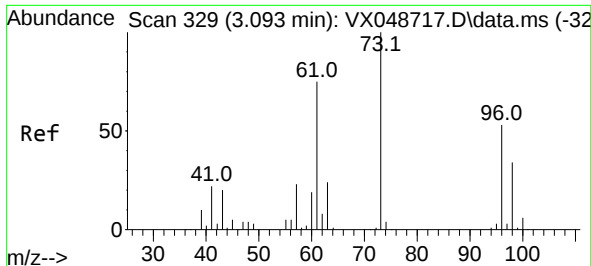
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#20
Methylene Chloride
Concen: 15.215 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

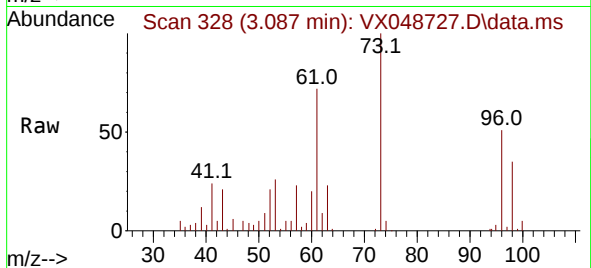
Tgt Ion: 84 Resp: 32922
Ion Ratio Lower Upper
84 100
49 121.7 98.7 148.1
51 36.3 29.4 44.2
86 64.1 52.5 78.7





#21
trans-1,2-Dichloroethene
Concen: 18.081 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

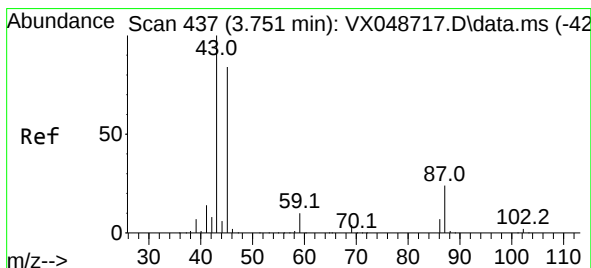
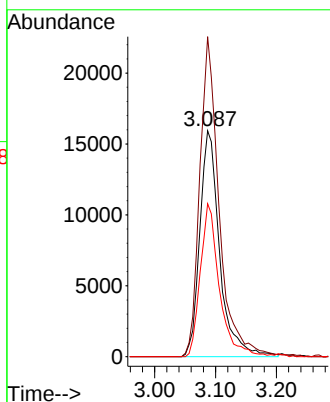
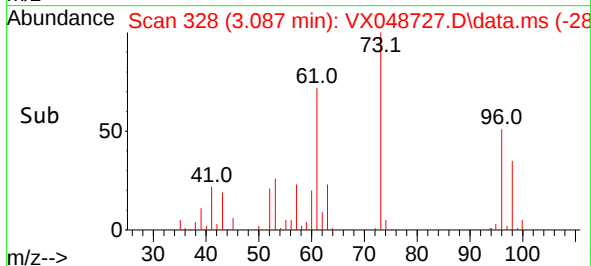
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



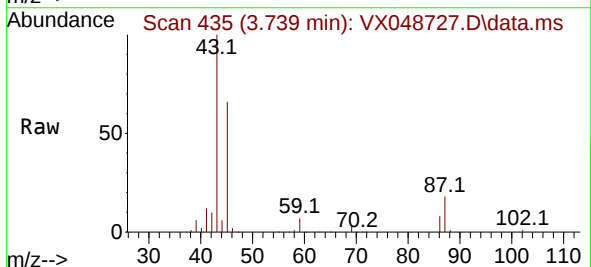
Tgt Ion: 96 Resp: 36104
Ion Ratio Lower Upper
96 100
61 141.7 112.8 169.2
98 67.7 51.0 76.4

Manual Integrations
APPROVED

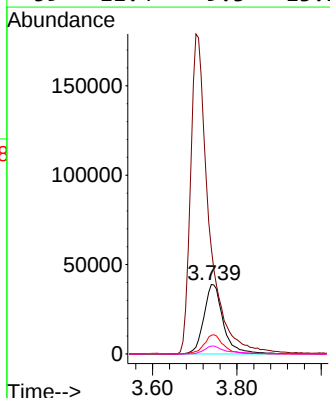
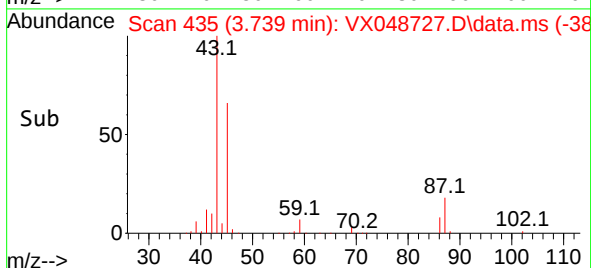
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025

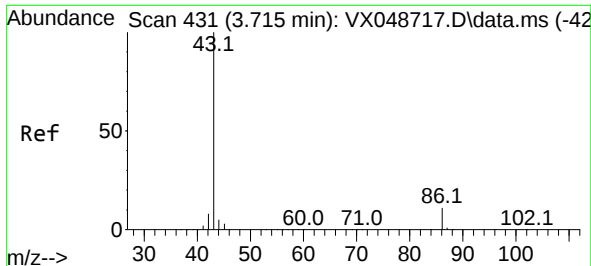


#22
Diisopropyl ether
Concen: 20.277 ug/l
RT: 3.739 min Scan# 435
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59



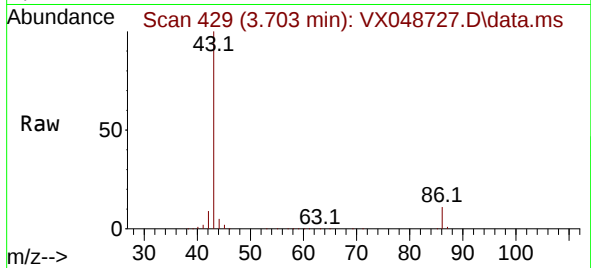
Tgt Ion: 45 Resp: 124478
Ion Ratio Lower Upper
45 100
43 151.8 94.9 142.3#
87 27.0 23.2 34.8
59 11.4 9.3 13.9





#23
 Vinyl Acetate
 Concen: 105.589 ug/l
 RT: 3.703 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VX048727.D
 Acq: 05 Dec 2025 11:59

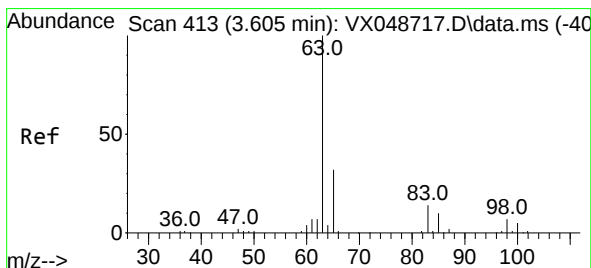
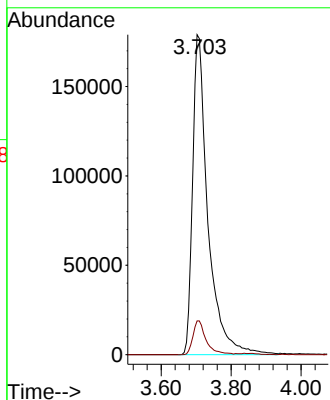
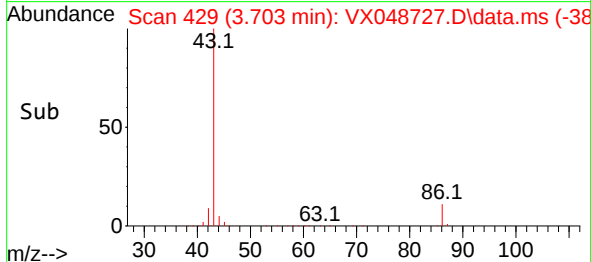
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01



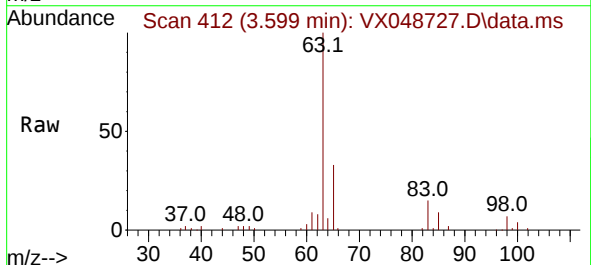
Tgt Ion: 43 Resp: 544650
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.2 13.8

Manual Integrations
 APPROVED

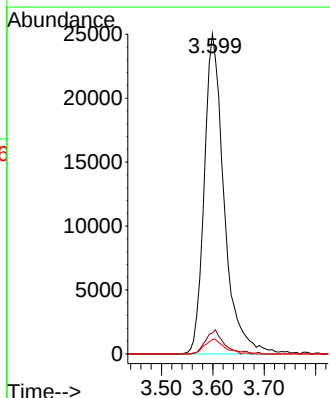
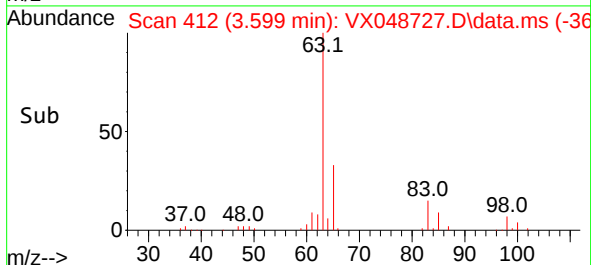
Reviewed By :John Carlone 12/08/2025
 Supervised By :Semsettin Yesilyurt 12/08/2025

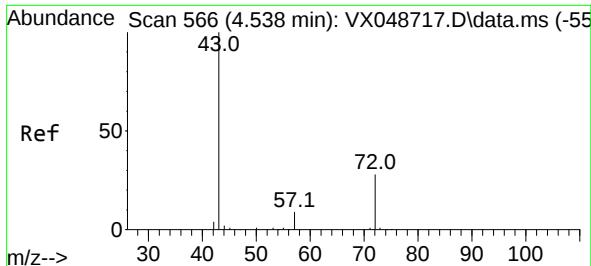


#24
 1,1-Dichloroethane
 Concen: 19.625 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048727.D
 Acq: 05 Dec 2025 11:59



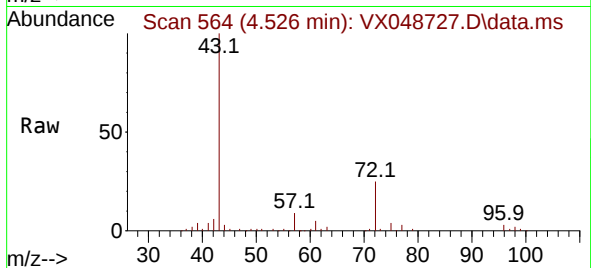
Tgt Ion: 63 Resp: 67185
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 108.751 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

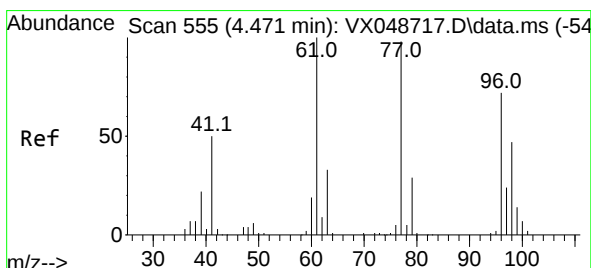
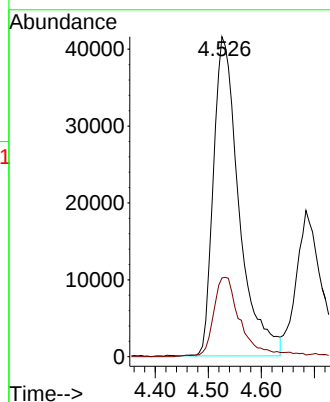
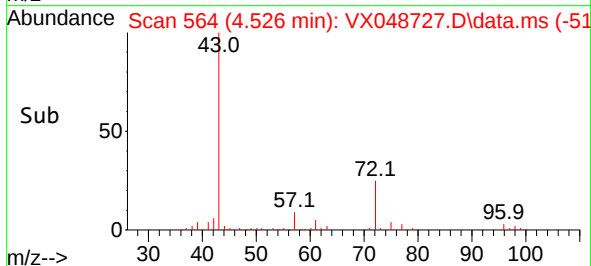
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion: 43 Resp: 13895
Ion Ratio Lower Upper
43 100
72 24.4 22.6 34.0

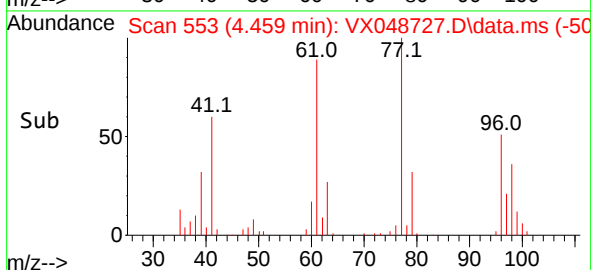
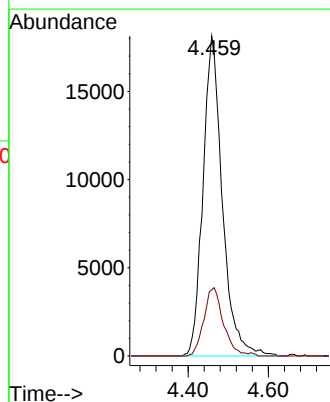
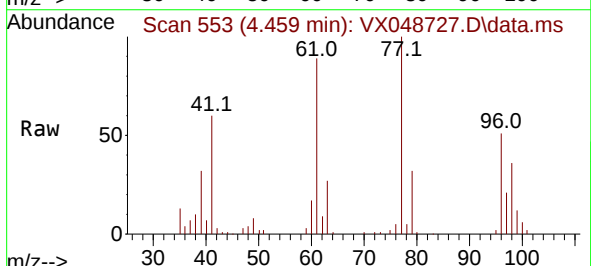
Manual Integrations
APPROVED

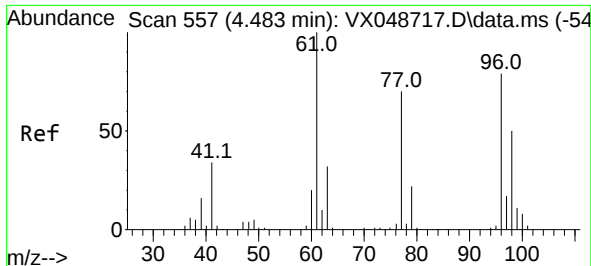
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#26
2,2-Dichloropropane
Concen: 20.053 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 77 Resp: 60742
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.720 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tgt Ion: 96 Resp: 4218

Ion Ratio Lower Upper

96 100

61 153.2 0.0 271.0

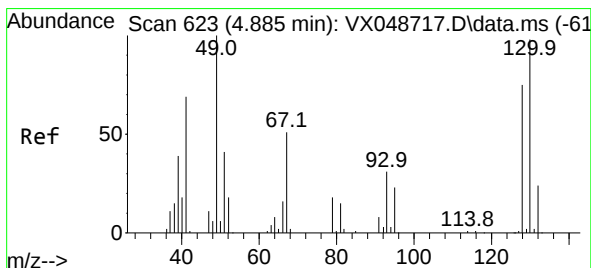
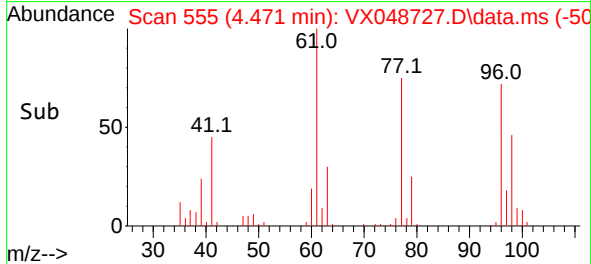
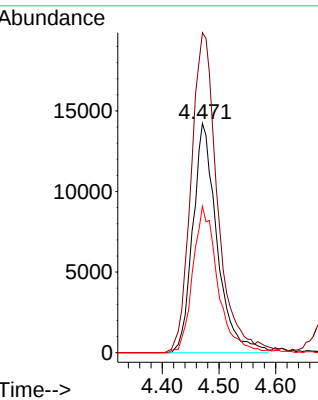
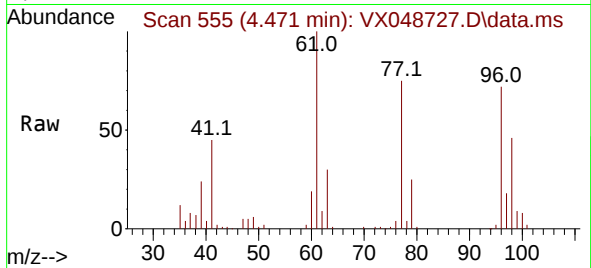
98 66.3 0.0 130.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2025

Supervised By :Semsettin Yesilyurt 12/08/2025



#28

Bromochloromethane

Concen: 16.994 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

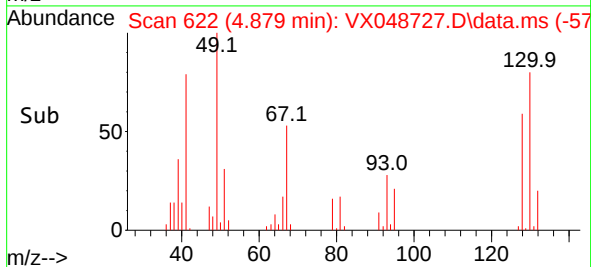
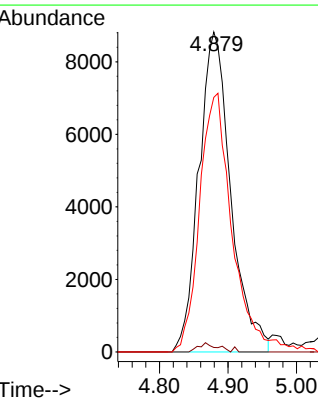
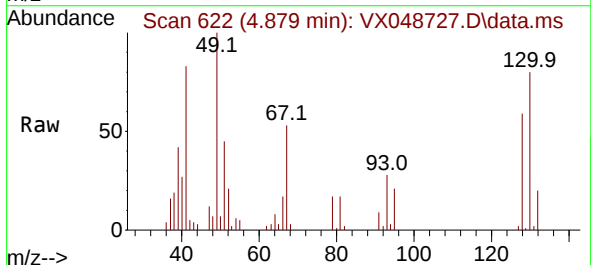
Tgt Ion: 49 Resp: 28515

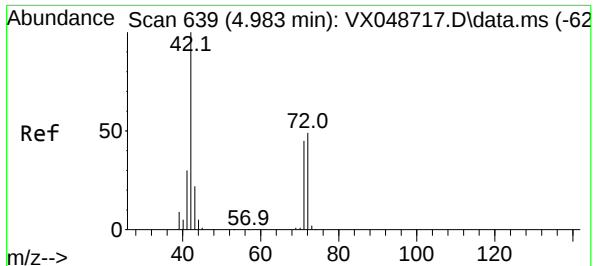
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 83.0 73.9 110.9





#29

Tetrahydrofuran

Concen: 97.961 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

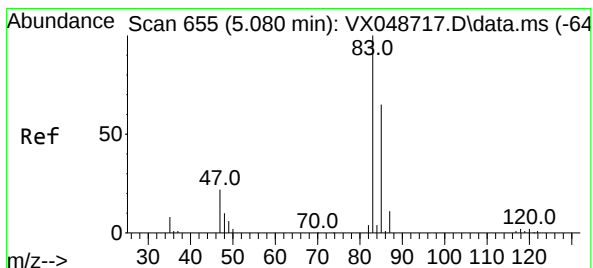
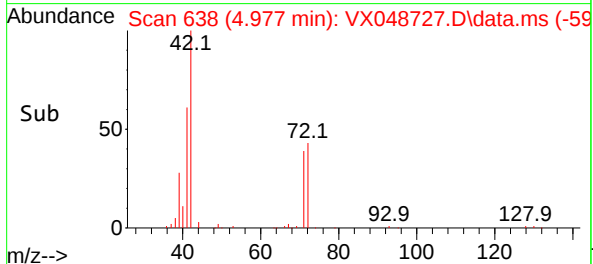
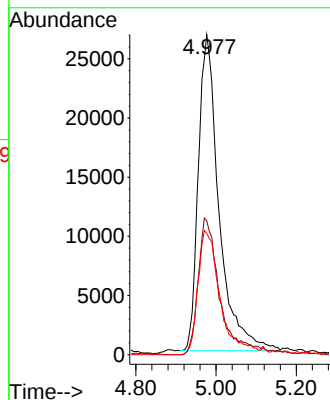
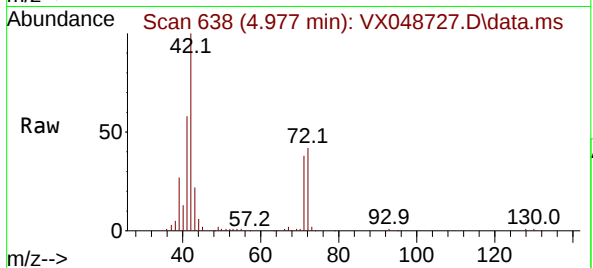
Tgt Ion:	42	Resp:	9557
Ion Ratio	Lower	Upper	
42	100		
72	45.6	39.4	59.2
71	42.1	35.8	53.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2025

Supervised By :Semsettin Yesilyurt 12/08/2025



#30

Chloroform

Concen: 19.562 ug/l

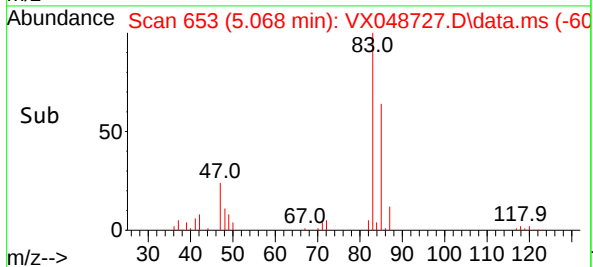
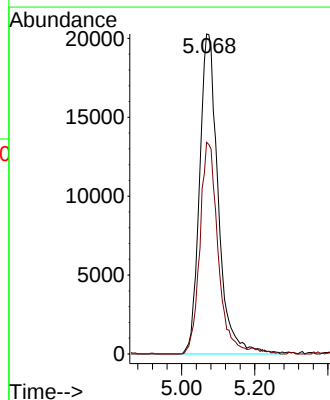
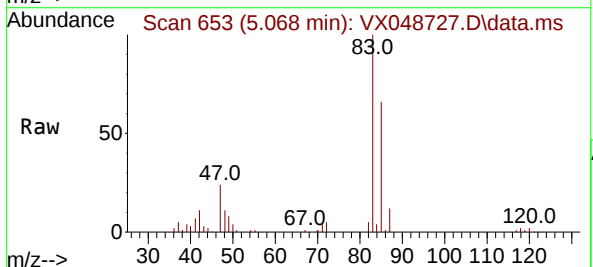
RT: 5.068 min Scan# 653

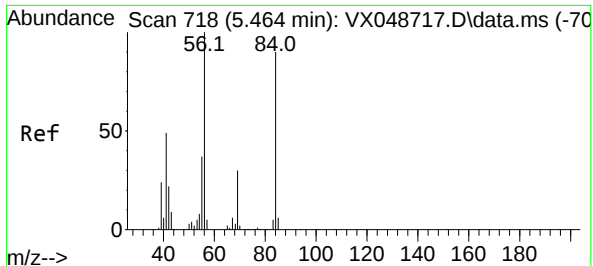
Delta R.T. -0.012 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

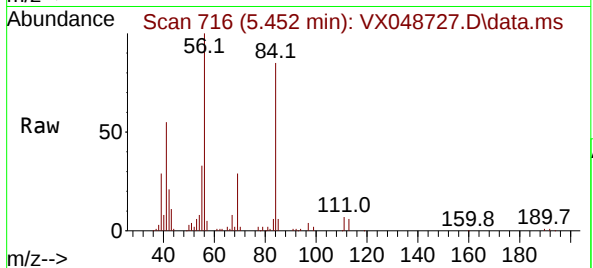
Tgt Ion:	83	Resp:	71756
Ion Ratio	Lower	Upper	
83	100		
85	66.2	52.1	78.1





#31
Cyclohexane
Concen: 18.959 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

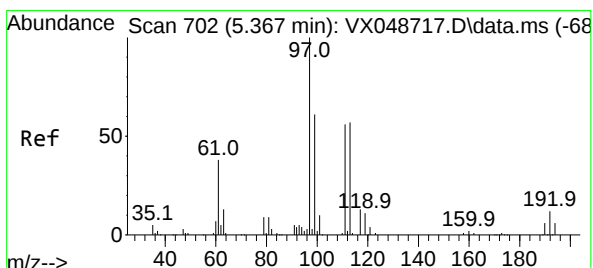
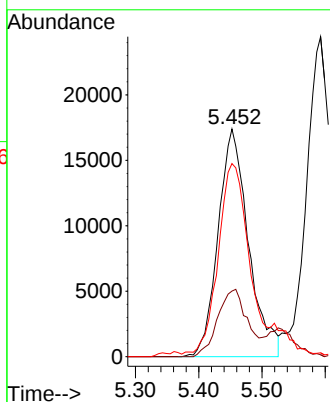
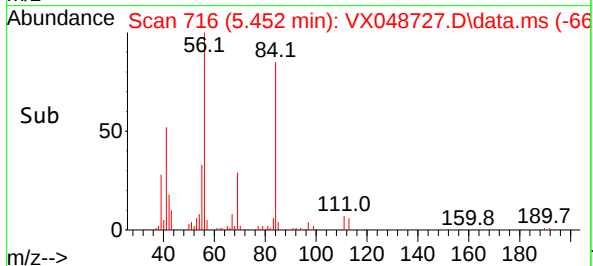
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion: 56 Resp: 5794
Ion Ratio Lower Upper
56 100
69 28.8 24.2 36.2
84 83.0 72.1 108.1

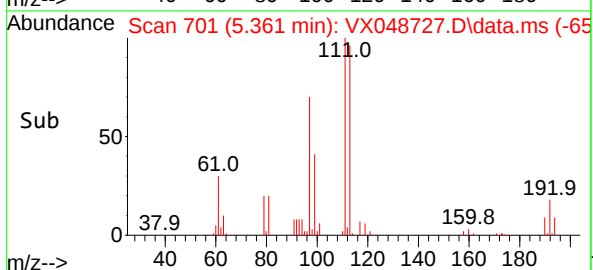
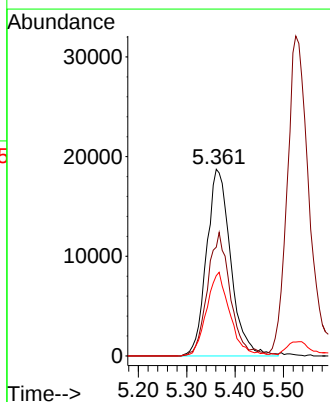
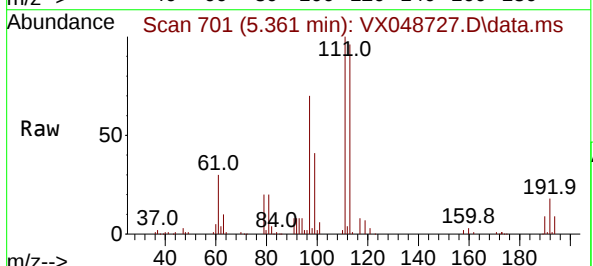
Manual Integrations
APPROVED

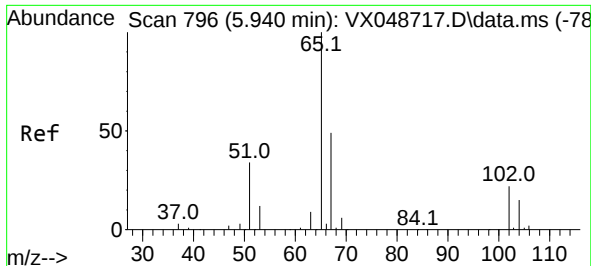
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#32
1,1,1-Trichloroethane
Concen: 19.817 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 97 Resp: 65133
Ion Ratio Lower Upper
97 100
99 62.7 50.5 75.7
61 43.4 30.6 45.8





#33

1,2-Dichloroethane-d4

Concen: 50.808 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tgt Ion: 65 Resp: 11489

Ion Ratio Lower Upper

65 100

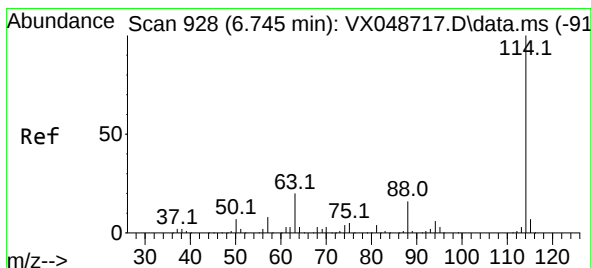
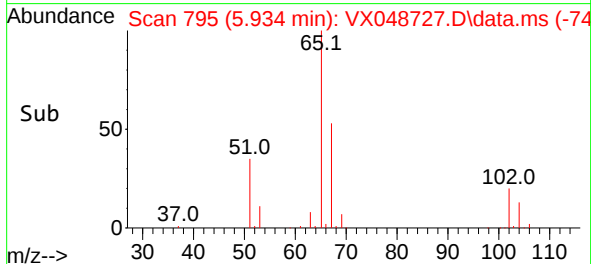
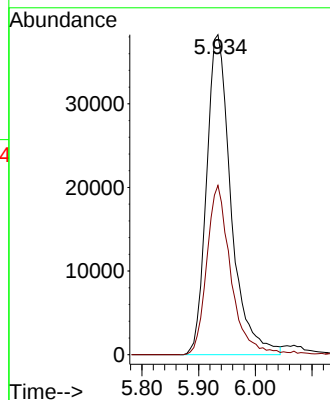
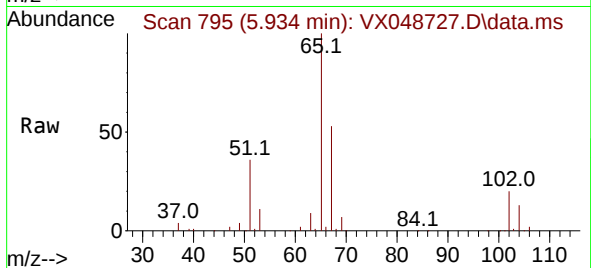
67 51.9 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2025

Supervised By :Semsettin Yesilyurt 12/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

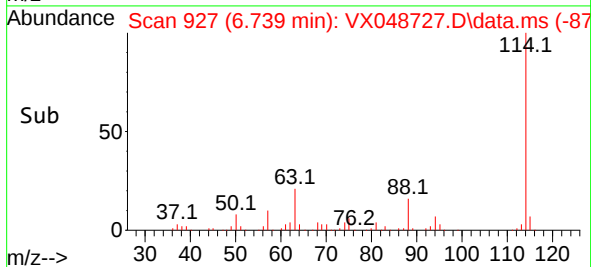
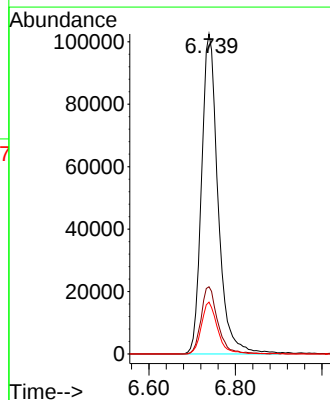
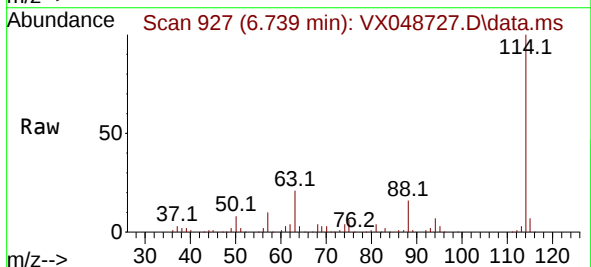
Tgt Ion:114 Resp: 270986

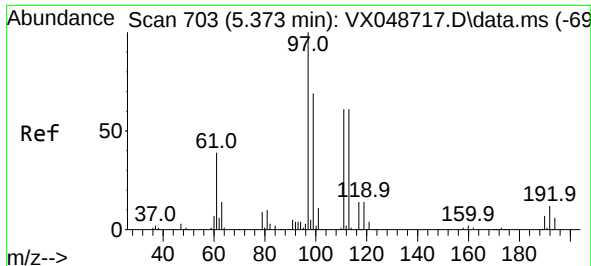
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.0

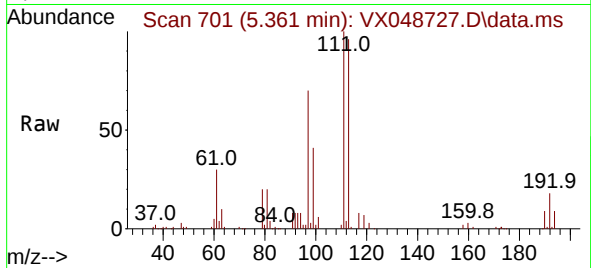
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.227 ug/l
RT: 5.361 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

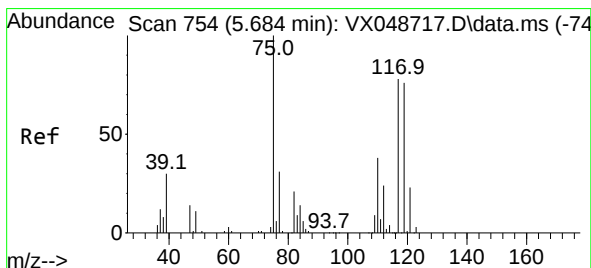
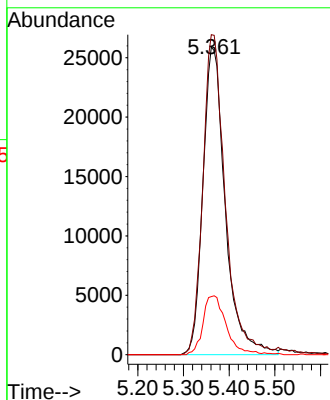
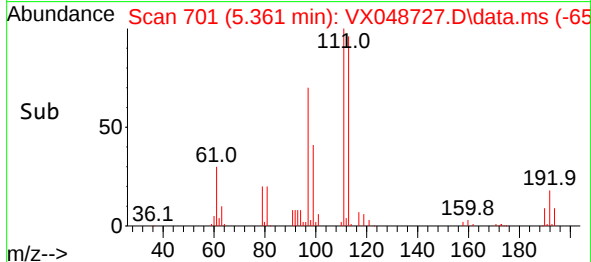
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion:113 Resp: 88118
Ion Ratio Lower Upper
113 100
111 104.0 79.5 119.3
192 19.7 16.1 24.1

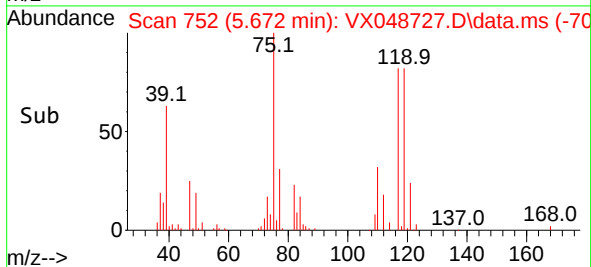
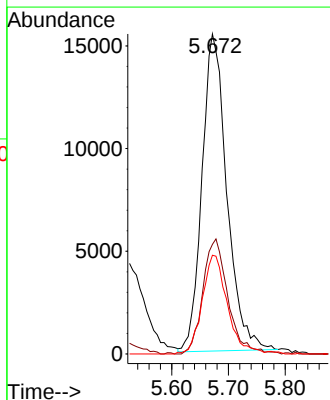
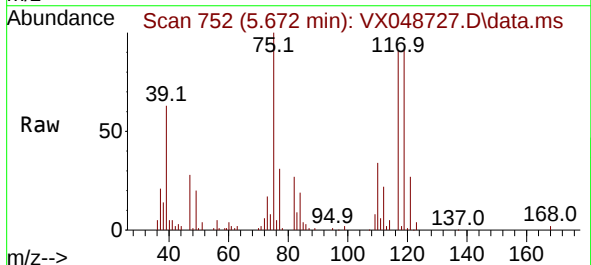
Manual Integrations
APPROVED

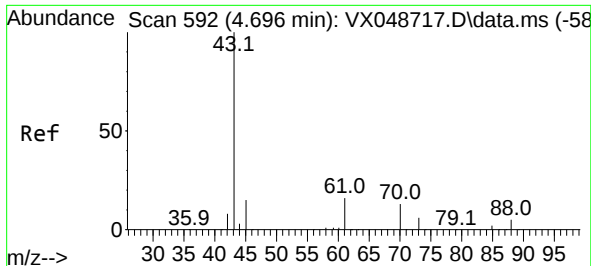
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#36
1,1-Dichloropropene
Concen: 18.434 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 75 Resp: 47110
Ion Ratio Lower Upper
75 100
110 36.5 18.6 55.8
77 31.3 25.3 37.9





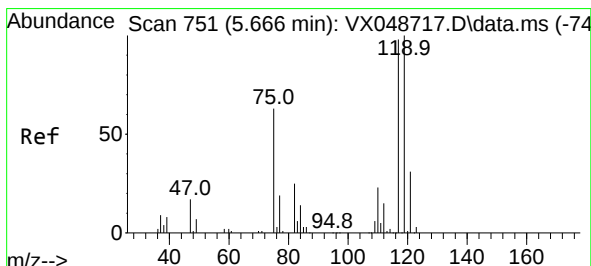
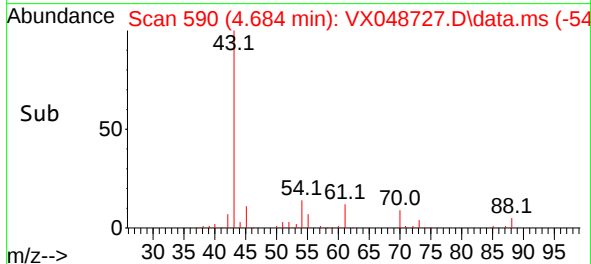
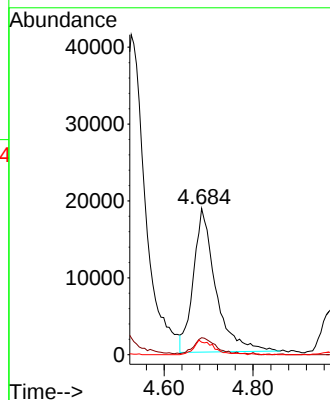
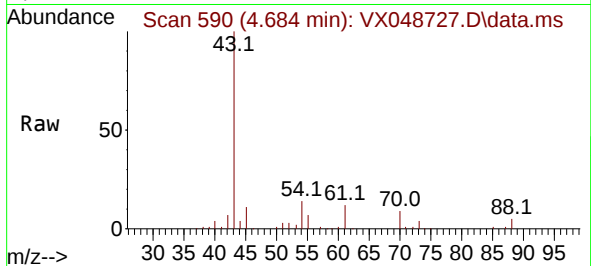
#37
Ethyl Acetate
Concen: 21.289 ug/l
RT: 4.684 min Scan# 592
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion: 43 Resp: 65009
Ion Ratio Lower Upper
43 100
61 10.2 9.7 14.5
70 8.7 8.2 12.4

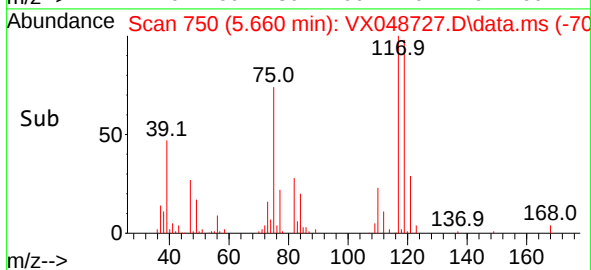
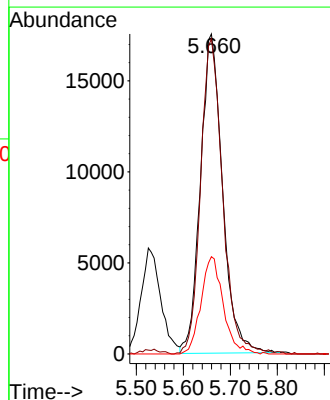
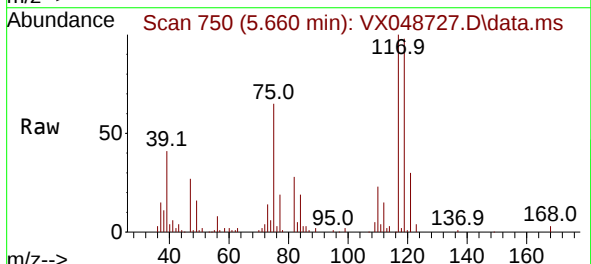
Manual Integrations
APPROVED

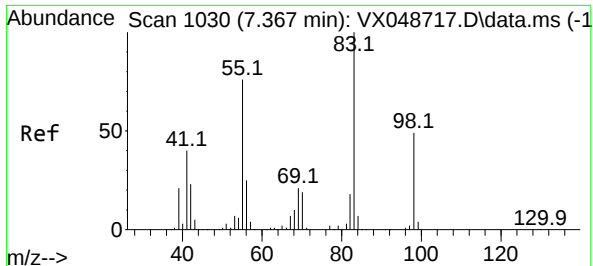
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#38
Carbon Tetrachloride
Concen: 19.766 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion:117 Resp: 57216
Ion Ratio Lower Upper
117 100
119 98.7 80.5 120.7
121 30.6 25.4 38.0





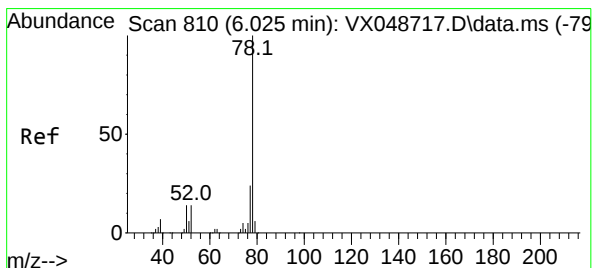
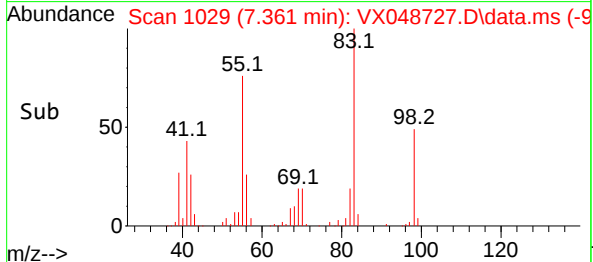
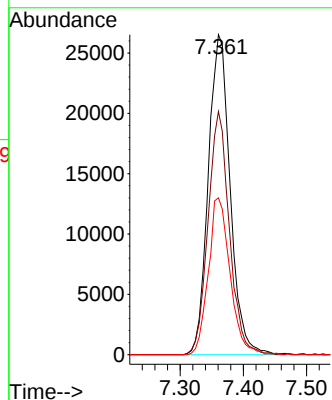
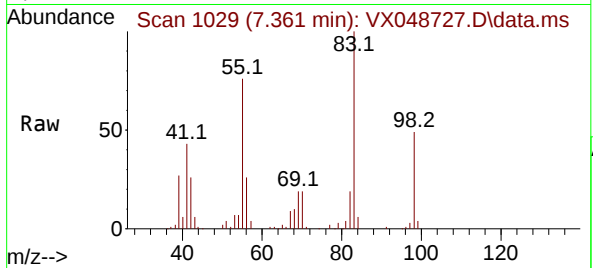
#39
Methylcyclohexane
Concen: 21.091 ug/l
RT: 7.361 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion: 83 Resp: 63735
Ion Ratio Lower Upper
83 100
55 76.0 60.6 90.8
98 49.0 39.3 58.9

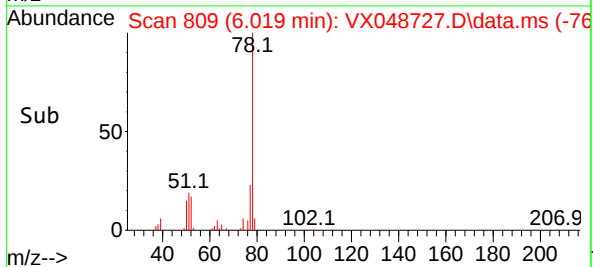
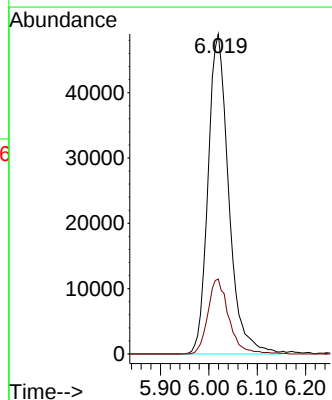
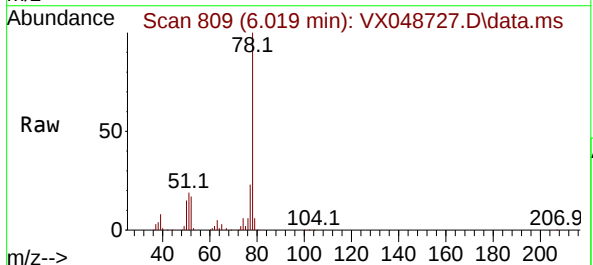
Manual Integrations
APPROVED

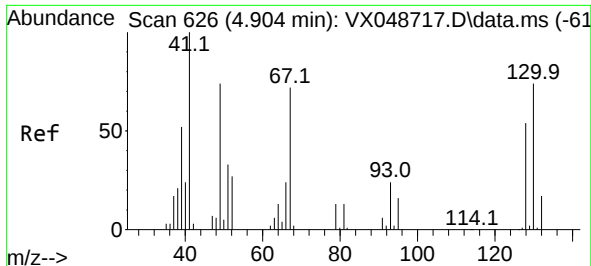
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#40
Benzene
Concen: 19.209 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 78 Resp: 145526
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





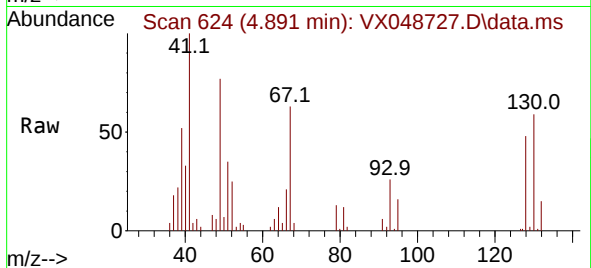
#41
Methacrylonitrile
Concen: 21.957 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

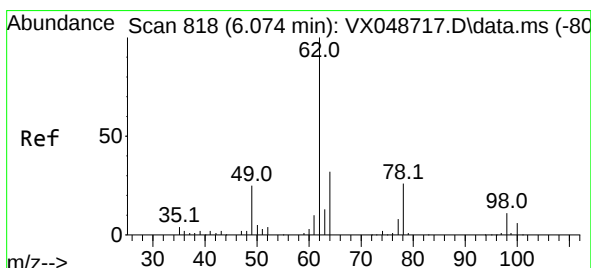
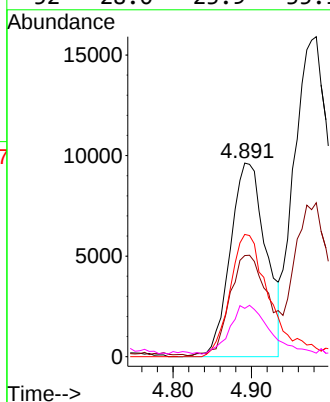
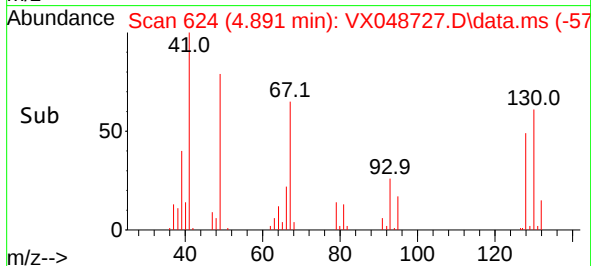


Tgt Ion: 41 Resp: 30500
Ion Ratio Lower Upper
41 100
39 56.4 42.3 63.5
67 70.2 66.6 100.0
52 28.0 23.9 35.9

Manual Integrations

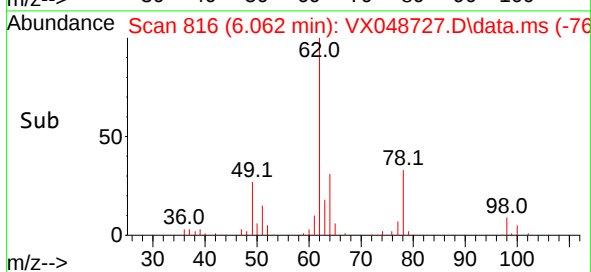
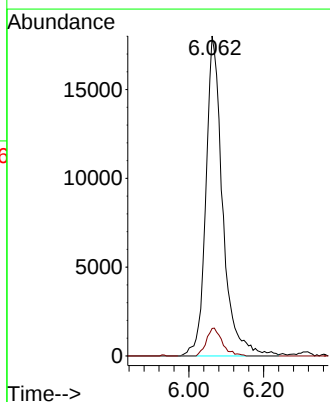
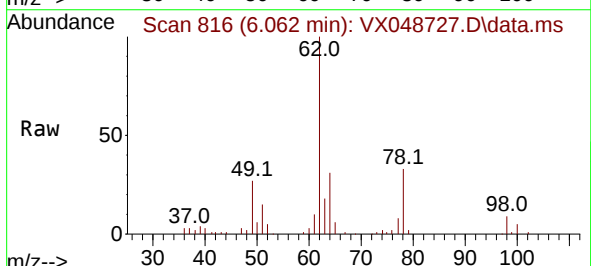
APPROVED

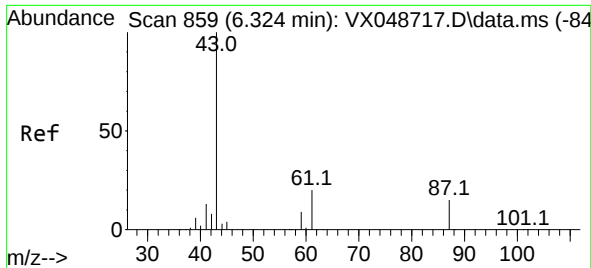
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#42
1,2-Dichloroethane
Concen: 20.974 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 62 Resp: 56238
Ion Ratio Lower Upper
62 100
98 8.3 0.0 20.2





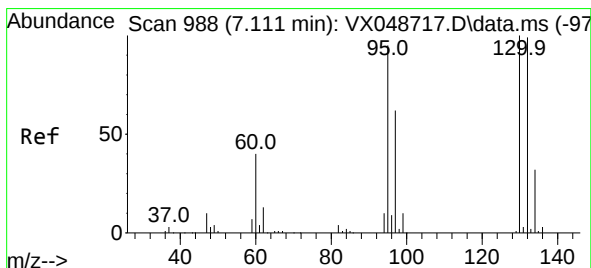
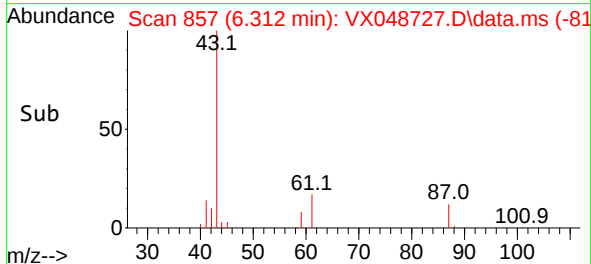
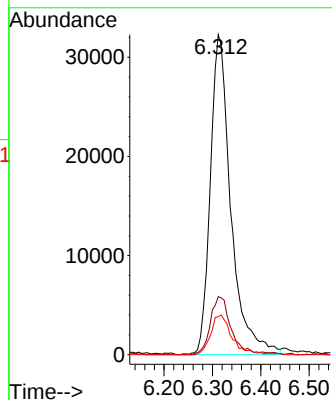
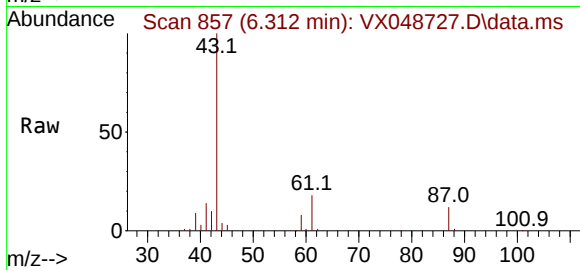
#43
Isopropyl Acetate
Concen: 20.622 ug/l
RT: 6.312 min Scan# 857
Delta R.T. -0.012 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion: 43 Resp: 9535
Ion Ratio Lower Upper
43 100
61 18.5 16.8 25.2
87 12.6 11.8 17.6

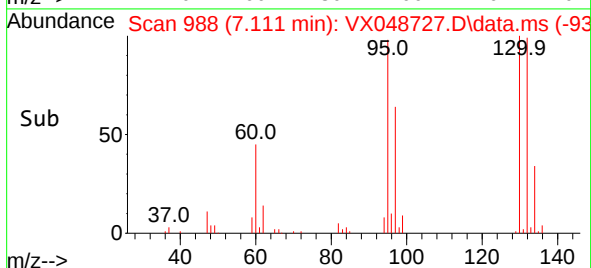
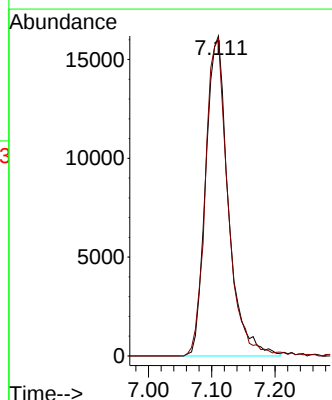
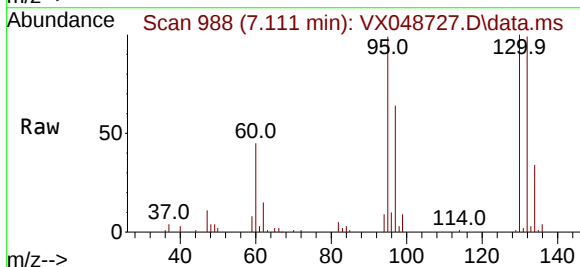
Manual Integrations
APPROVED

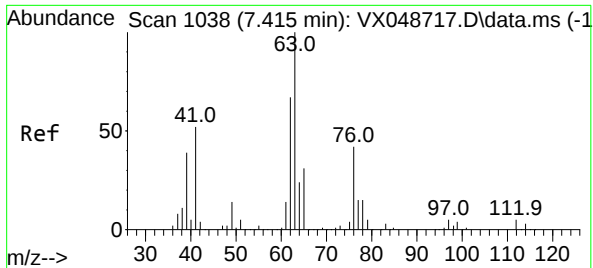
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#44
Trichloroethene
Concen: 20.340 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

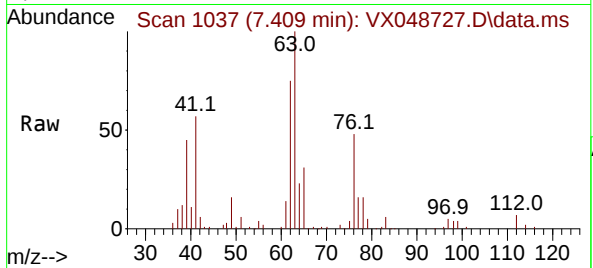
Tgt Ion:130 Resp: 40207
Ion Ratio Lower Upper
130 100
95 99.1 0.0 189.6





#45
1,2-Dichloropropane
Concen: 21.216 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

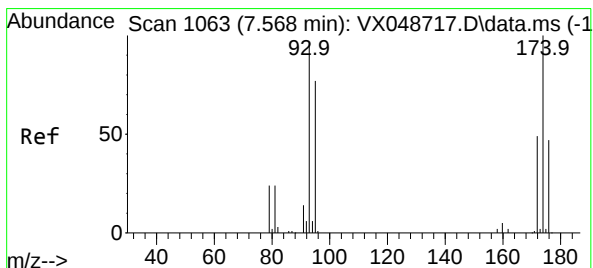
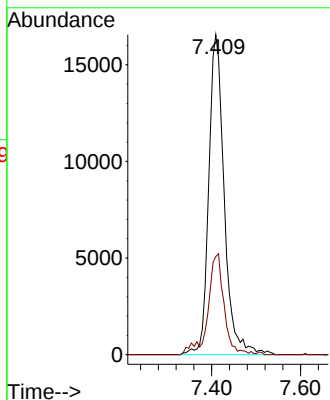
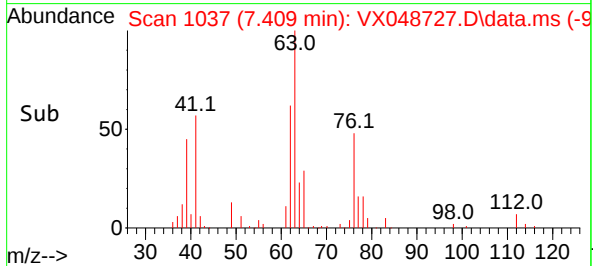
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion: 63 Resp: 4017
Ion Ratio Lower Upper
63 100
65 30.7 24.5 36.7

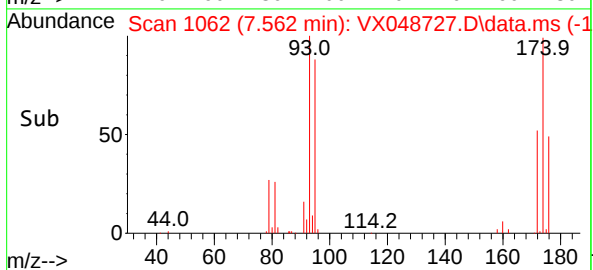
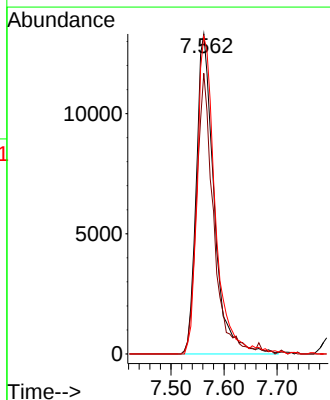
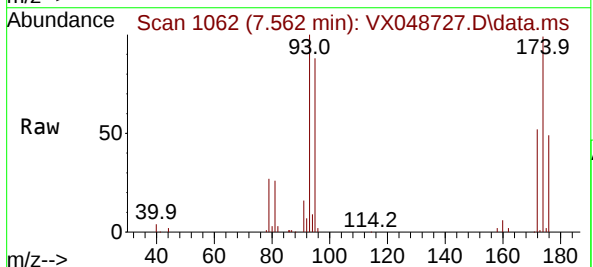
Manual Integrations
APPROVED

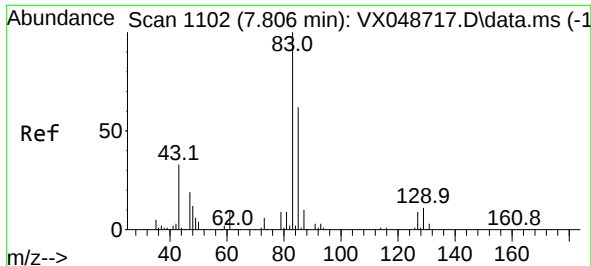
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#46
Dibromomethane
Concen: 21.538 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 93 Resp: 30927
Ion Ratio Lower Upper
93 100
95 83.7 65.5 98.3
174 98.9 82.0 123.0





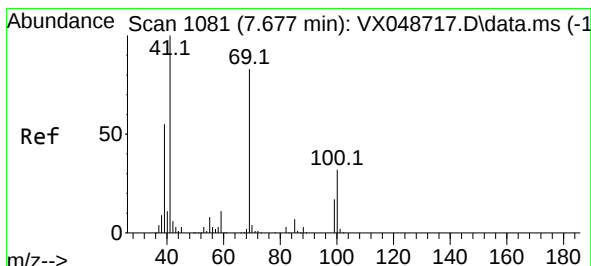
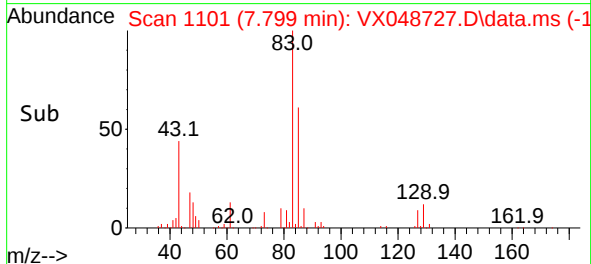
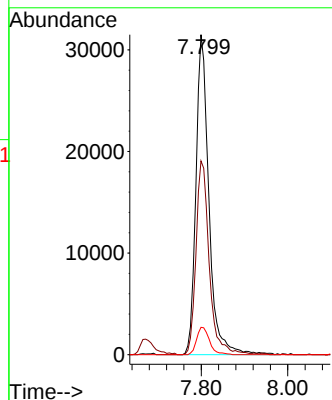
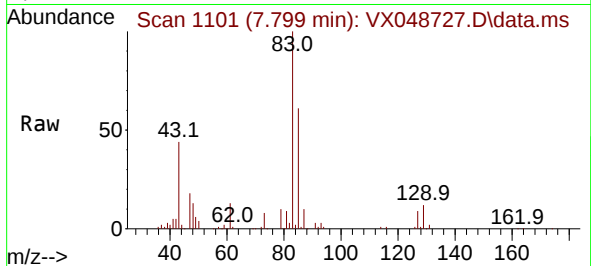
#47
Bromodichloromethane
Concen: 21.902 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion: 83 Resp: 6557
Ion Ratio Lower Upper
83 100
85 60.5 49.8 74.8
127 8.5 7.1 10.7

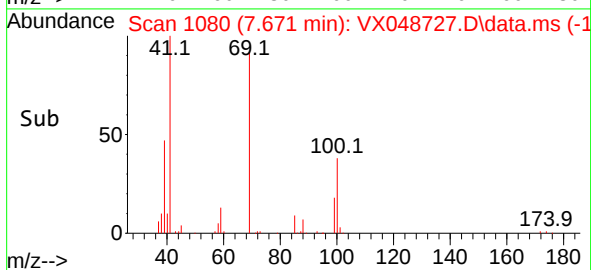
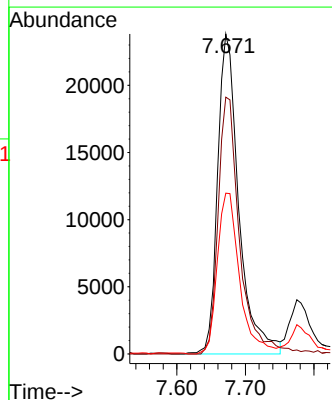
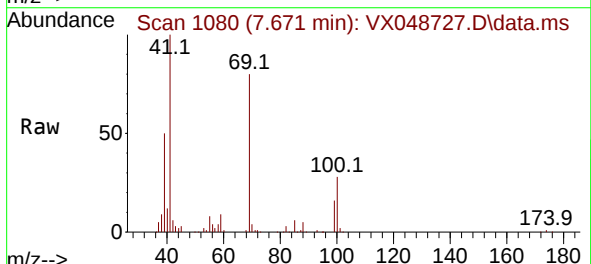
Manual Integrations
APPROVED

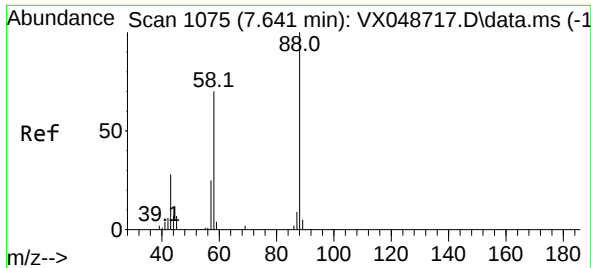
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#48
Methyl methacrylate
Concen: 22.006 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

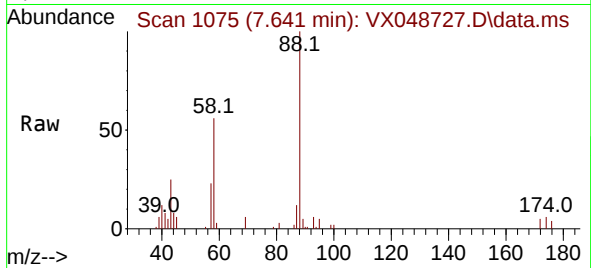
Tgt Ion: 41 Resp: 51185
Ion Ratio Lower Upper
41 100
69 81.7 68.5 102.7
39 52.8 43.5 65.3





#49
1,4-Dioxane
Concen: 396.069 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

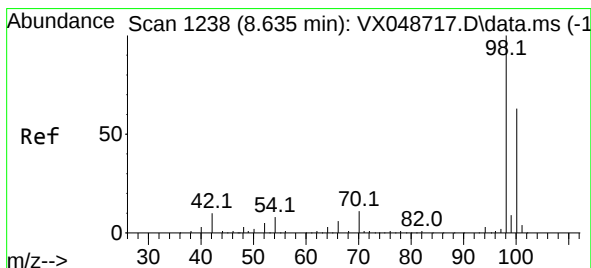
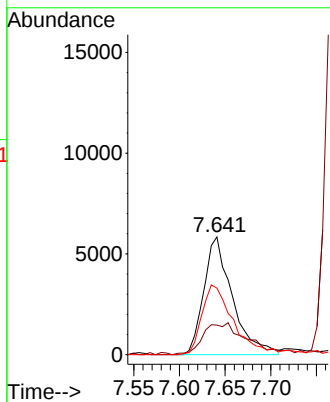
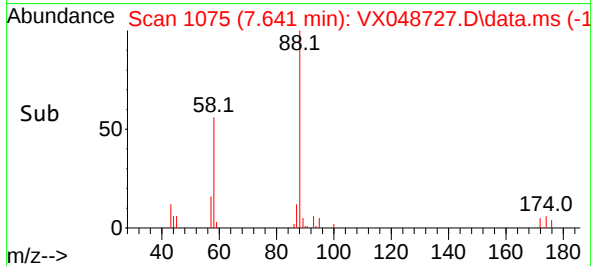
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion: 88 Resp: 12670
Ion Ratio Lower Upper
88 100
43 41.6 28.6 43.0
58 65.4 58.0 87.0

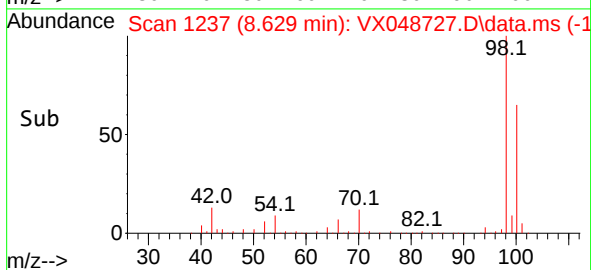
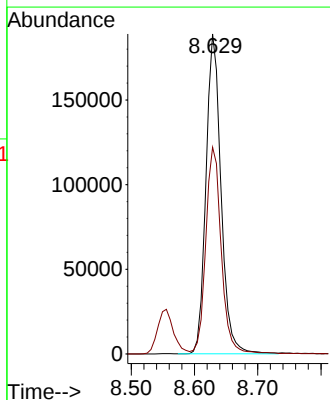
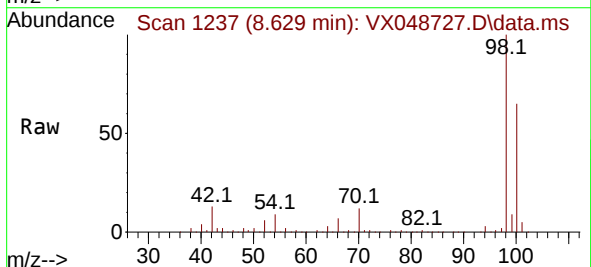
Manual Integrations
APPROVED

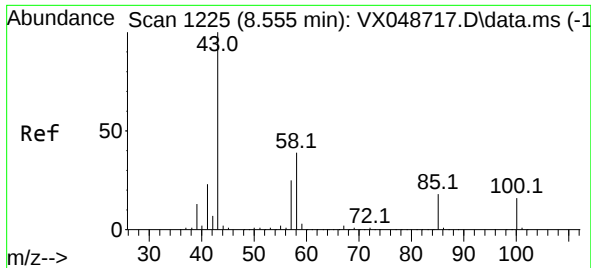
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#50
Toluene-d8
Concen: 47.899 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 98 Resp: 313274
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0





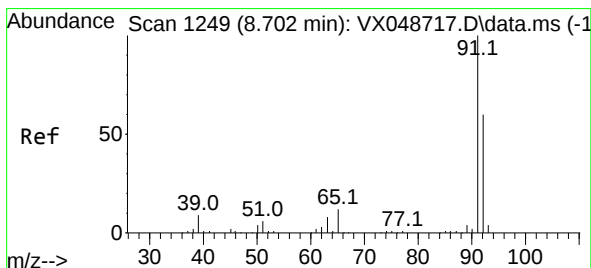
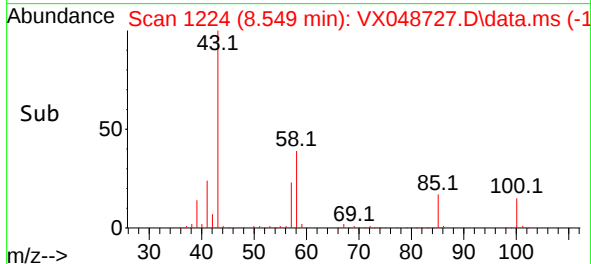
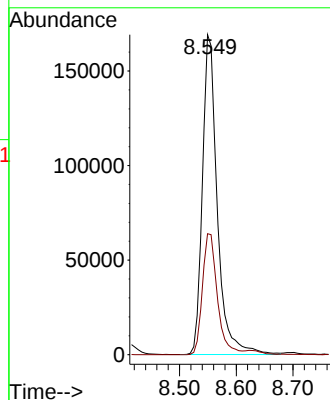
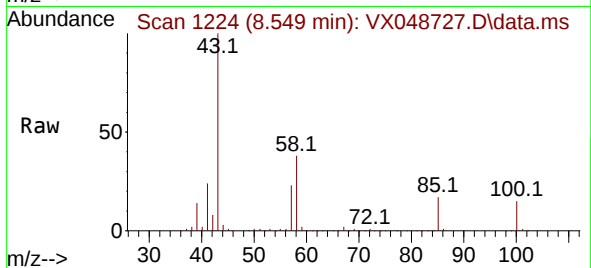
#51
4-Methyl-2-Pentanone
Concen: 107.088 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion: 43 Resp: 30734
Ion Ratio Lower Upper
43 100
58 38.0 32.2 48.4

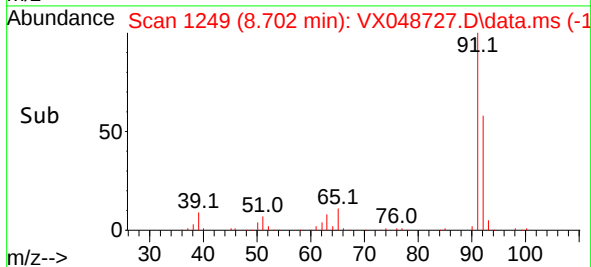
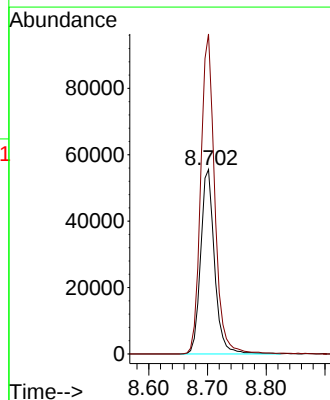
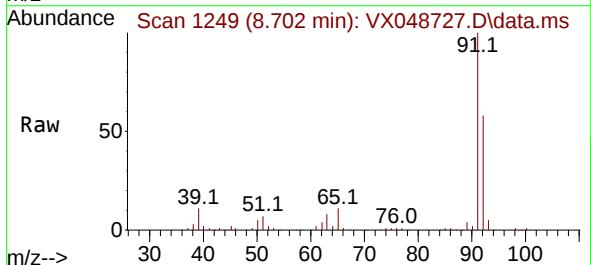
Manual Integrations
APPROVED

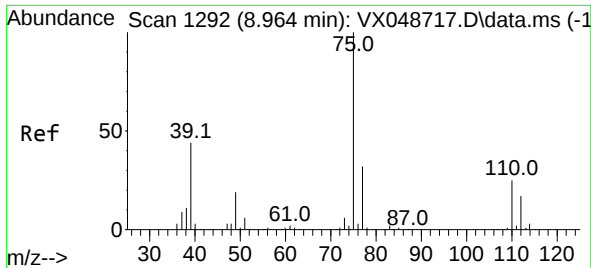
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#52
Toluene
Concen: 19.982 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 92 Resp: 91283
Ion Ratio Lower Upper
92 100
91 174.8 136.3 204.5





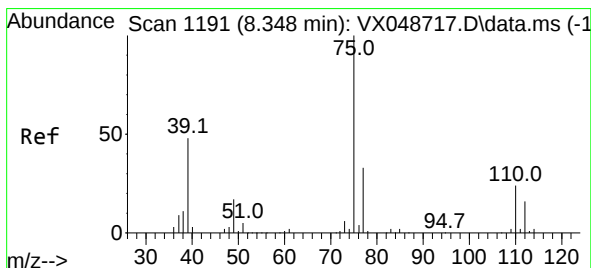
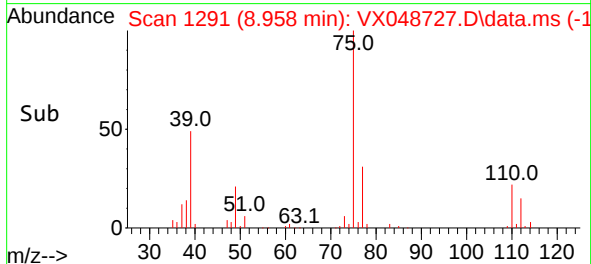
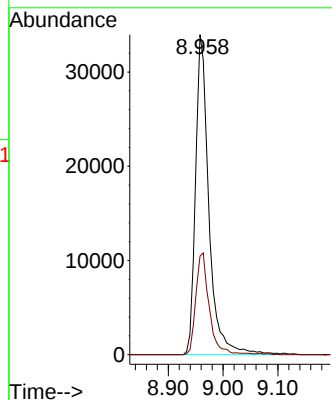
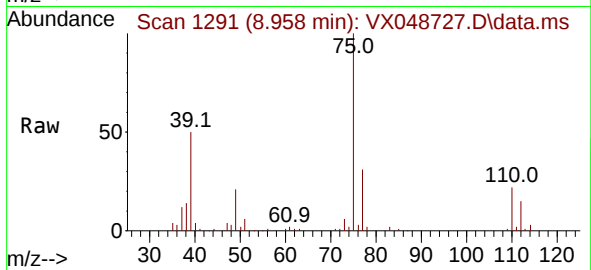
#53
t-1,3-Dichloropropene
Concen: 20.269 ug/l
RT: 8.958 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion: 75 Resp: 57729
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9

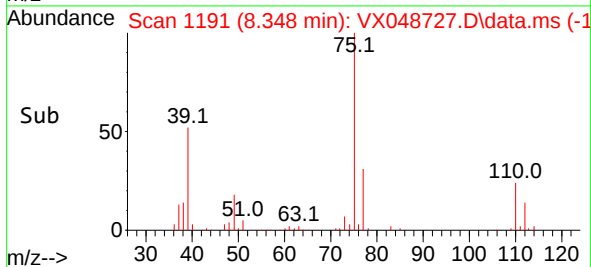
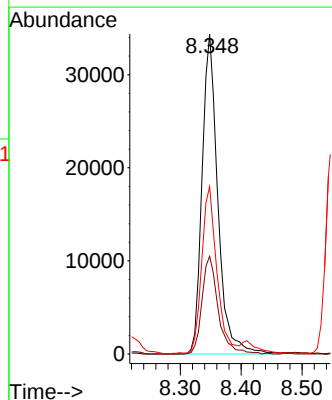
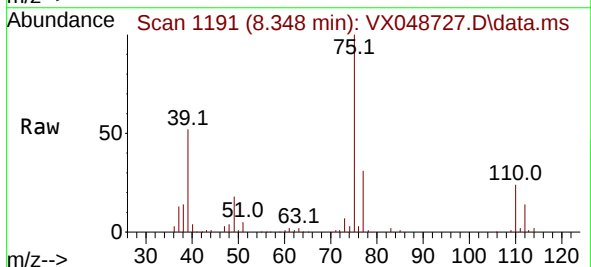
Manual Integrations
APPROVED

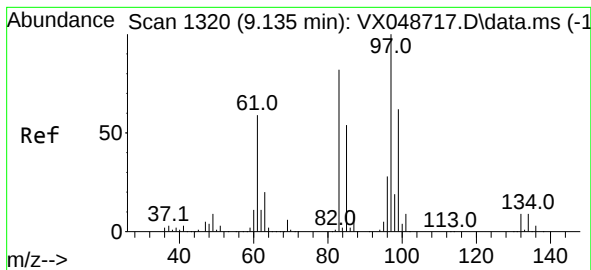
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#54
cis-1,3-Dichloropropene
Concen: 20.152 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

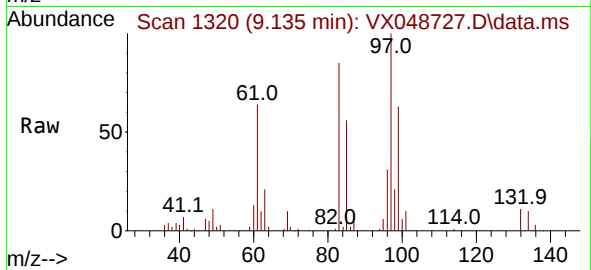
Tgt Ion: 75 Resp: 61684
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 52.0 38.2 57.4





#55
1,1,2-Trichloroethane
Concen: 19.909 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

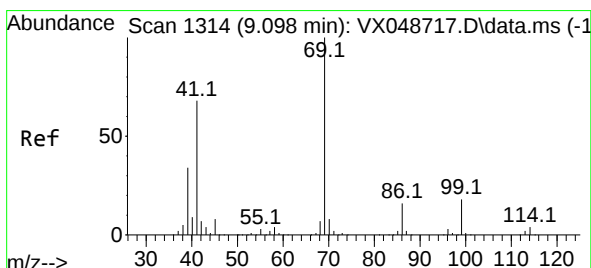
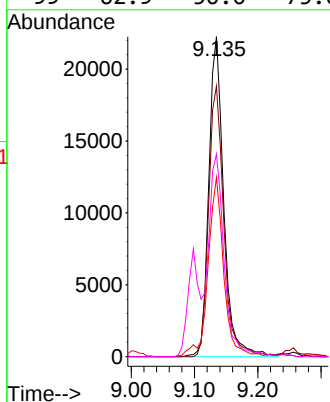
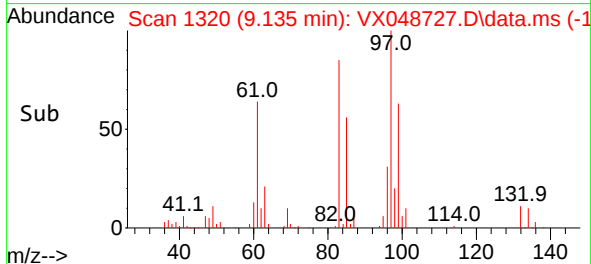
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



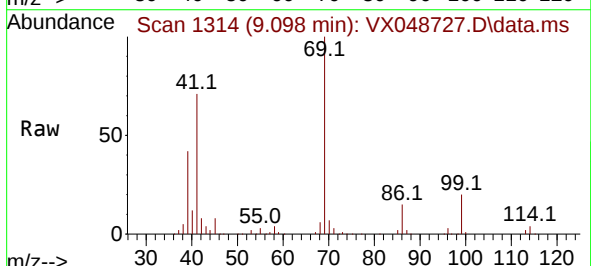
Tgt Ion:	97	Resp:	3659
Ion Ratio	100	Lower	Upper
97	100		
83	84.5	66.0	99.0
85	55.7	43.2	64.8
99	62.9	50.0	75.0

Manual Integrations
APPROVED

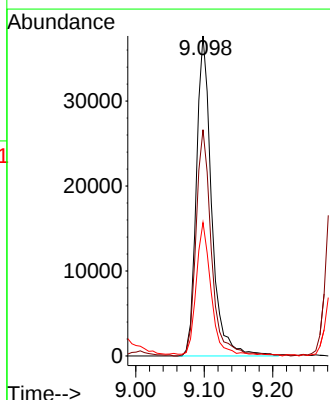
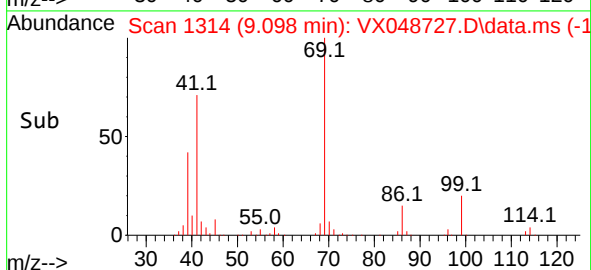
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025

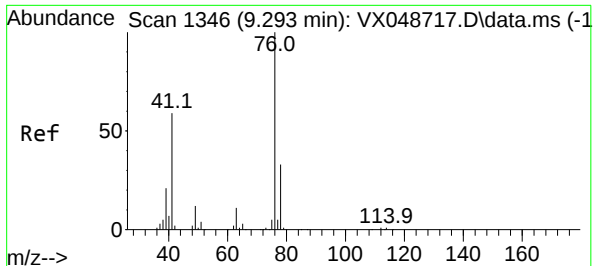


#56
Ethyl methacrylate
Concen: 20.300 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59



Tgt Ion:	69	Resp:	58405
Ion Ratio	100	Lower	Upper
69	100		
41	71.7	53.4	80.2
39	41.8	27.5	41.3





#57

1,3-Dichloropropane

Concen: 20.330 ug/l

RT: 9.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tgt Ion: 76 Resp: 6213

Ion Ratio Lower Upper

76 100

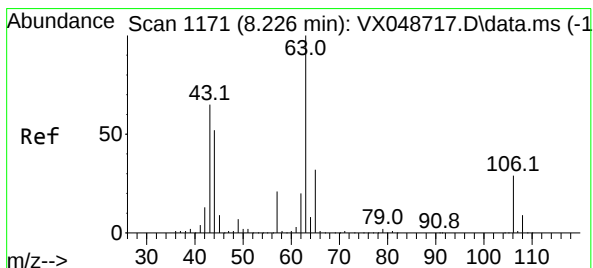
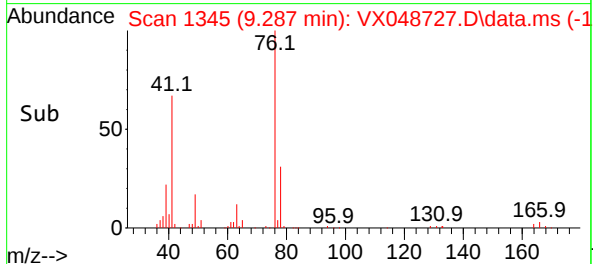
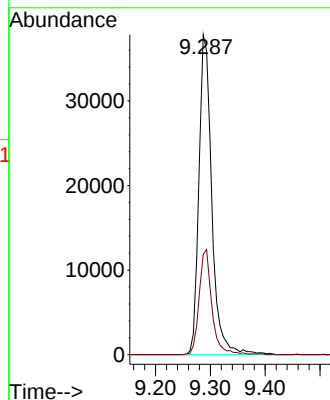
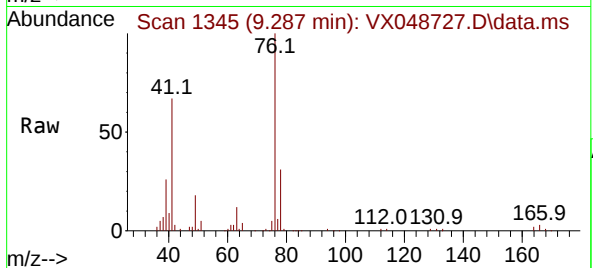
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2025

Supervised By :Semsettin Yesilyurt 12/08/2025



#58

2-Chloroethyl Vinyl ether

Concen: 92.153 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048727.D

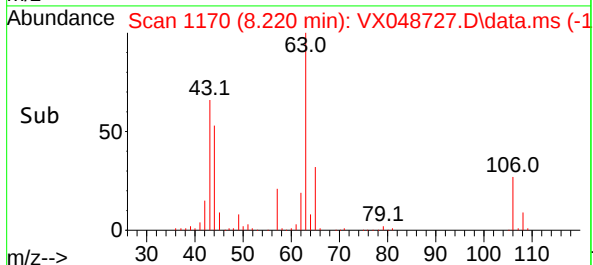
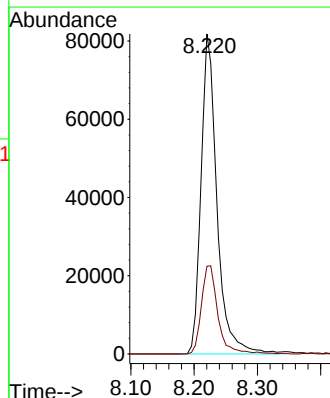
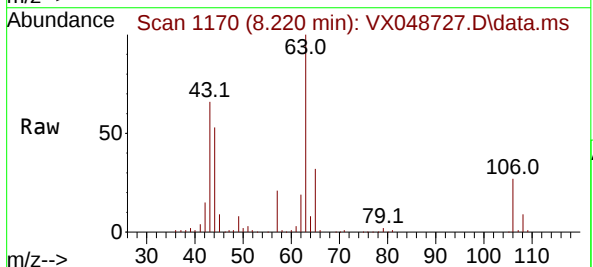
Acq: 05 Dec 2025 11:59

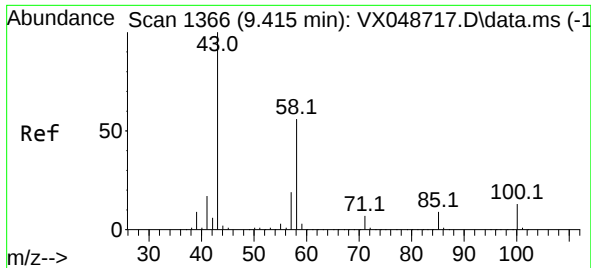
Tgt Ion: 63 Resp: 143298

Ion Ratio Lower Upper

63 100

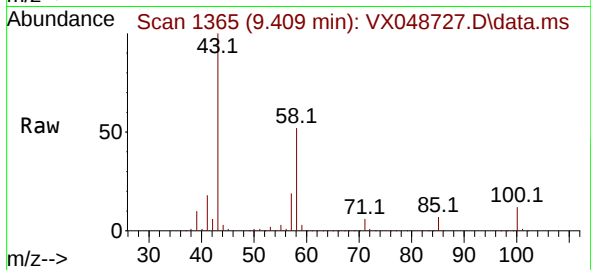
106 28.6 23.4 35.2





#59
2-Hexanone
Concen: 113.742 ug/l
RT: 9.409 min Scan# 11366
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

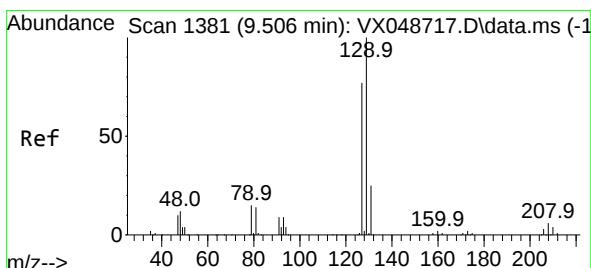
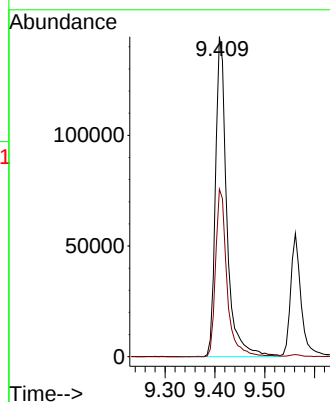
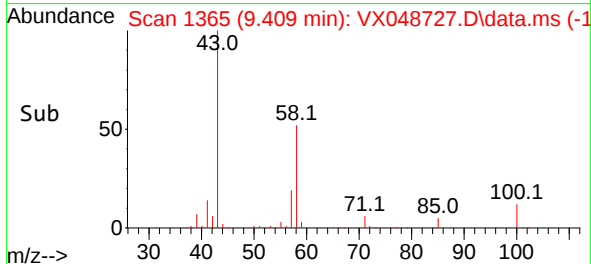
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion: 43 Resp: 22915
Ion Ratio Lower Upper
43 100
58 52.7 27.8 83.4

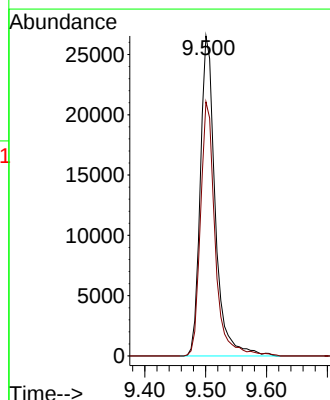
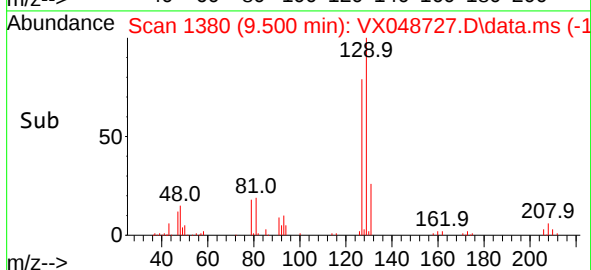
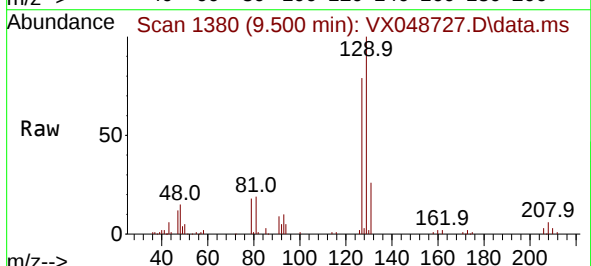
Manual Integrations
APPROVED

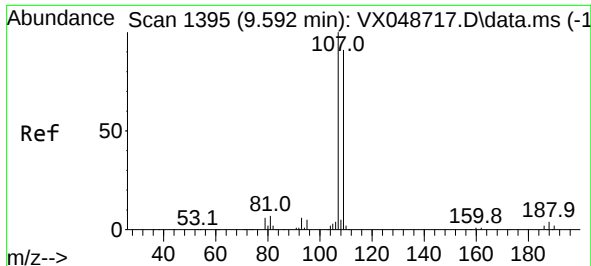
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#60
Dibromochloromethane
Concen: 19.919 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

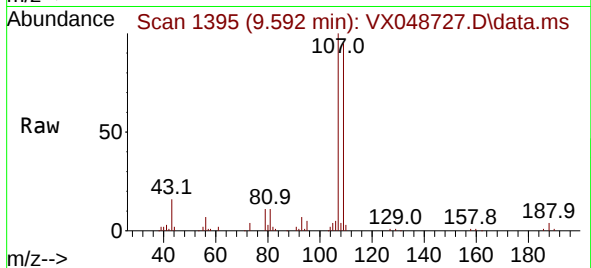
Tgt Ion:129 Resp: 45274
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 20.345 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

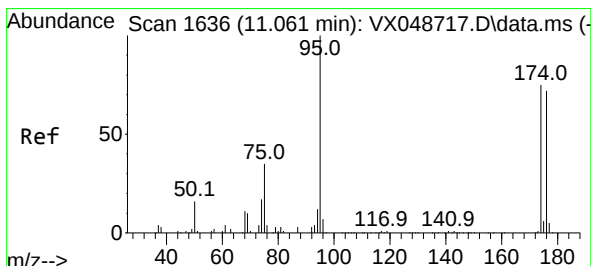
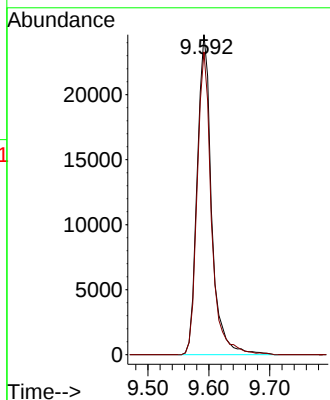
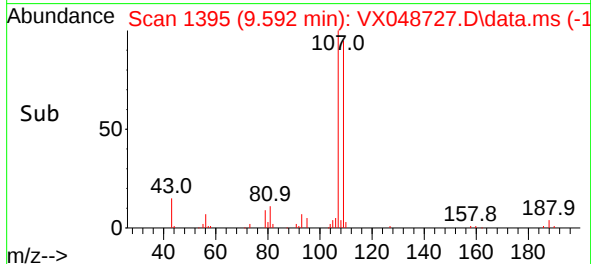
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



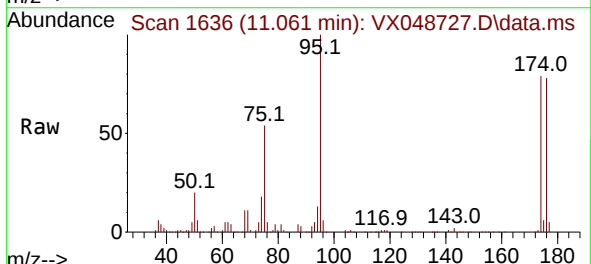
Tgt Ion:107 Resp: 40474
Ion Ratio Lower Upper
107 100
109 93.8 74.9 112.3

Manual Integrations
APPROVED

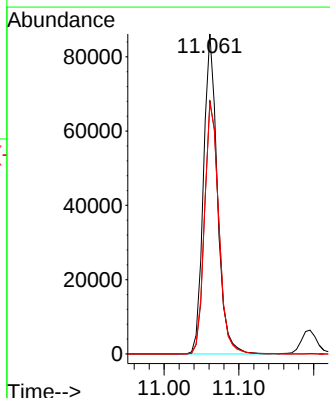
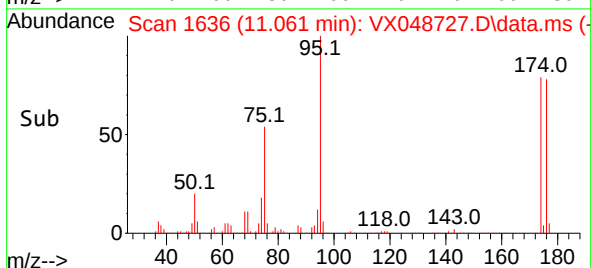
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025

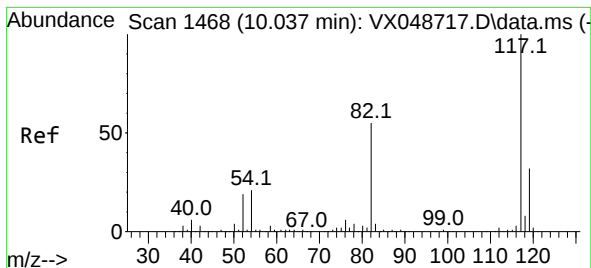


#62
4-Bromofluorobenzene
Concen: 49.359 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59



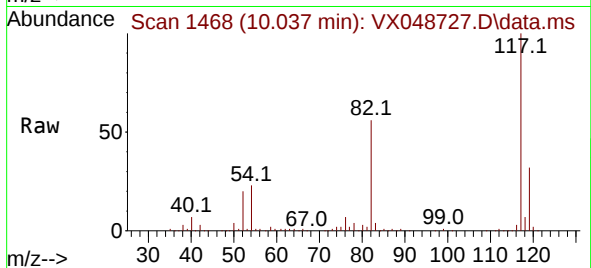
Tgt Ion: 95 Resp: 111321
Ion Ratio Lower Upper
95 100
174 80.9 0.0 157.8
176 81.3 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

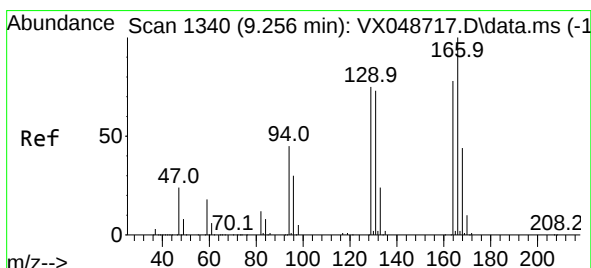
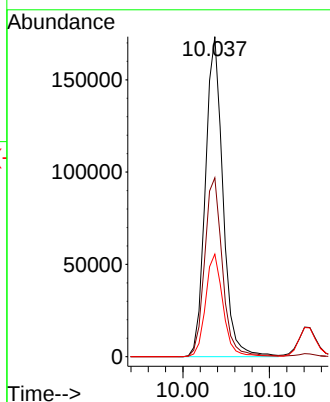
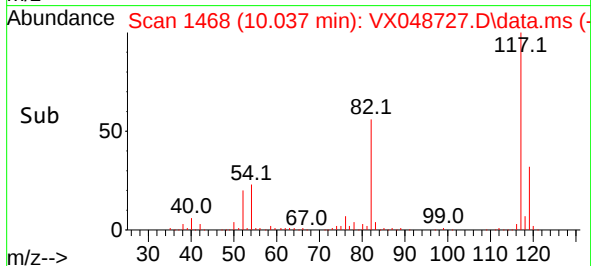
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion:117 Resp: 243800
Ion Ratio Lower Upper
117 100
82 55.9 44.1 66.1
119 32.0 25.2 37.8

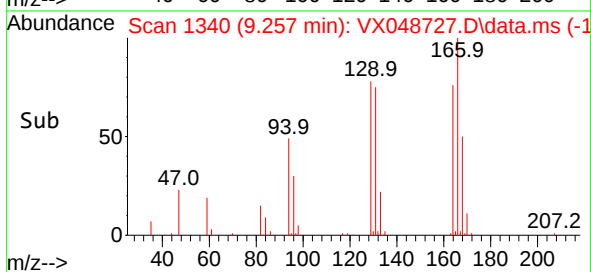
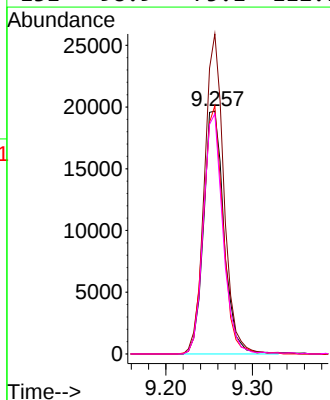
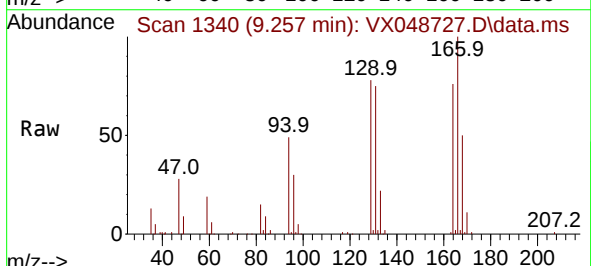
Manual Integrations
APPROVED

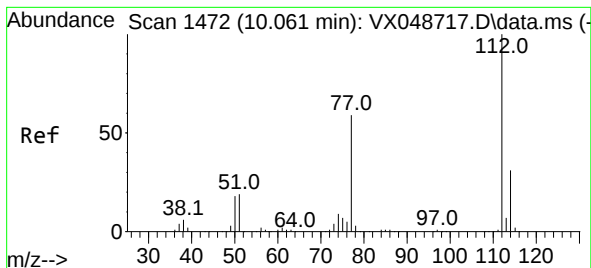
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#64
Tetrachloroethene
Concen: 18.010 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

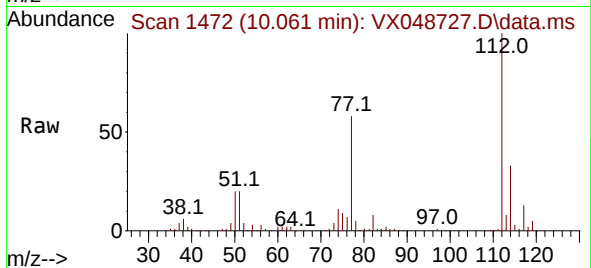
Tgt Ion:164 Resp: 32006
Ion Ratio Lower Upper
164 100
166 131.7 103.1 154.7
129 102.2 76.9 115.3
131 98.9 75.1 112.7





#65
Chlorobenzene
Concen: 19.184 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

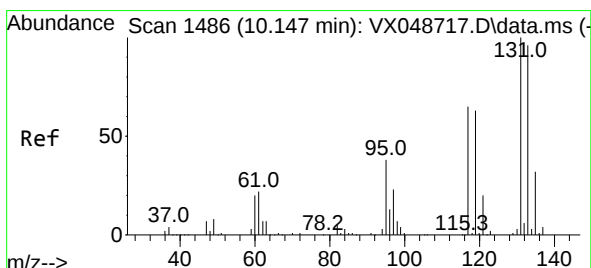
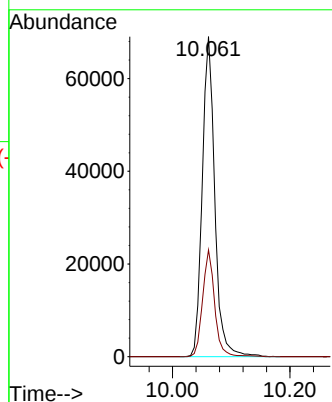
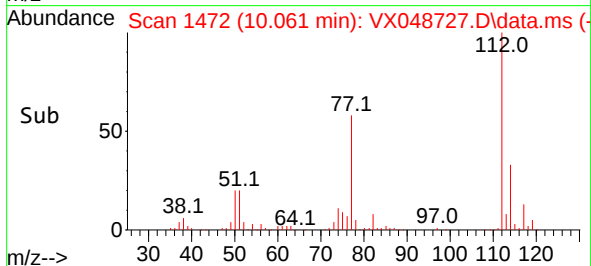
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion:112 Resp: 102370
Ion Ratio Lower Upper
112 100
114 33.4 24.8 37.2

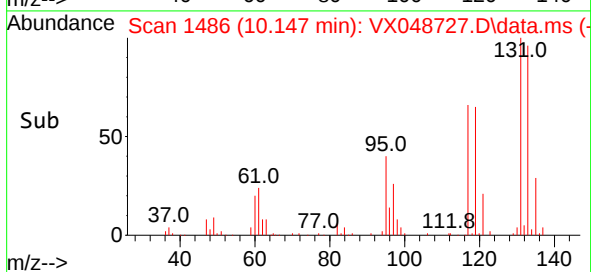
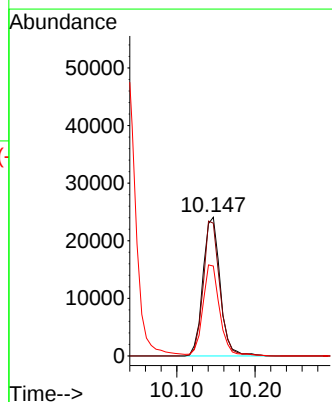
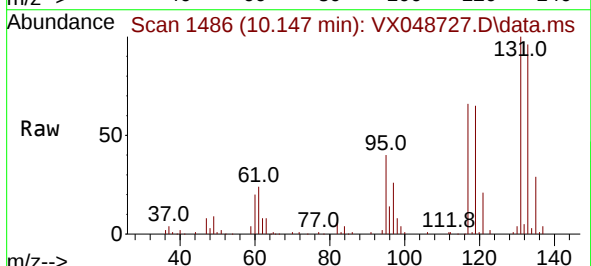
Manual Integrations
APPROVED

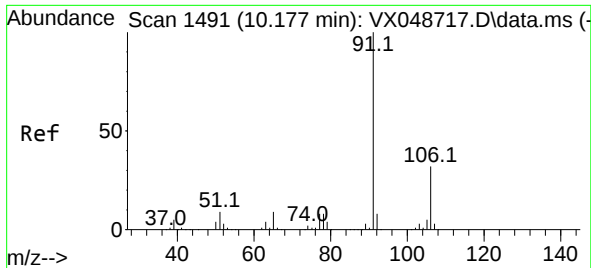
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.224 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

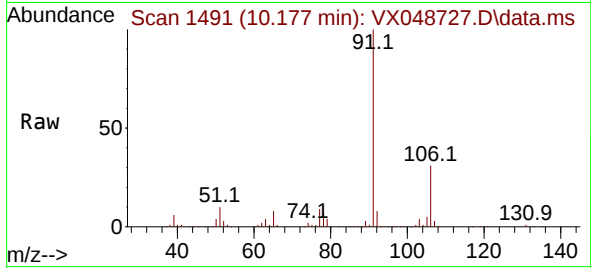
Tgt Ion:131 Resp: 36694
Ion Ratio Lower Upper
131 100
133 94.0 48.3 144.8
119 64.6 32.6 97.7





#67
Ethyl Benzene
Concen: 19.813 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

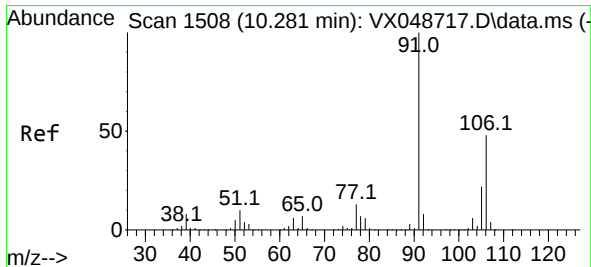
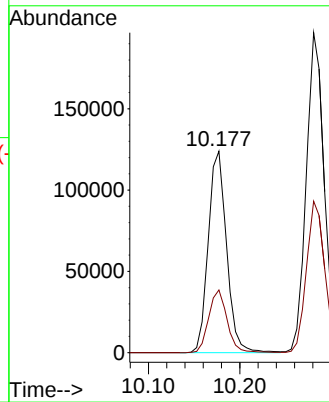
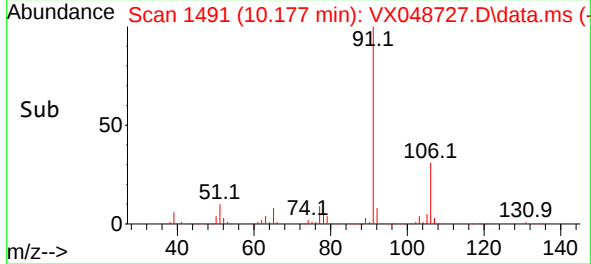
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



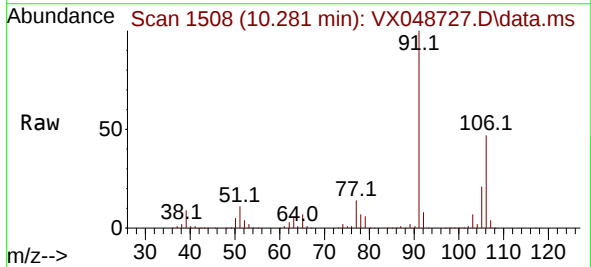
Tgt Ion: 91 Resp: 172538
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9

Manual Integrations
APPROVED

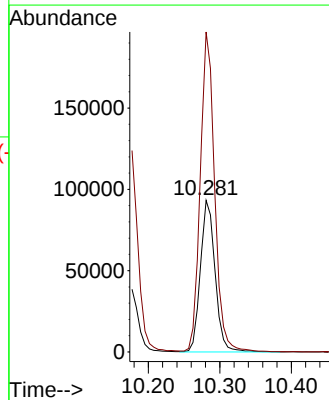
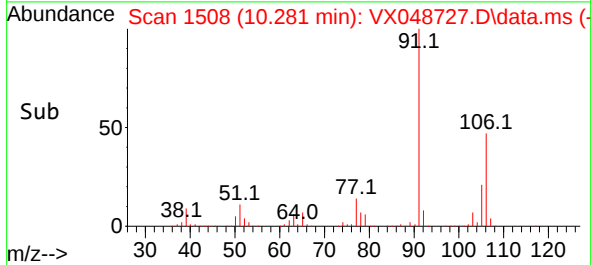
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025

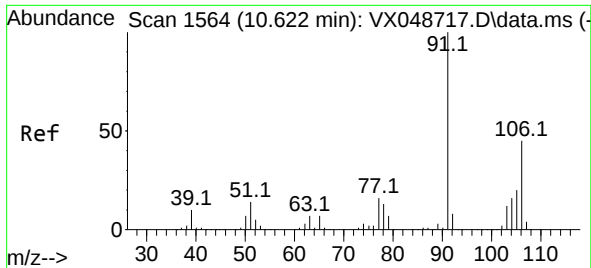


#68
m/p-Xylenes
Concen: 39.247 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59



Tgt Ion:106 Resp: 133132
Ion Ratio Lower Upper
106 100
91 207.3 164.2 246.4





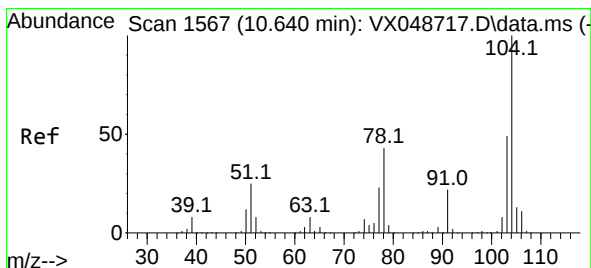
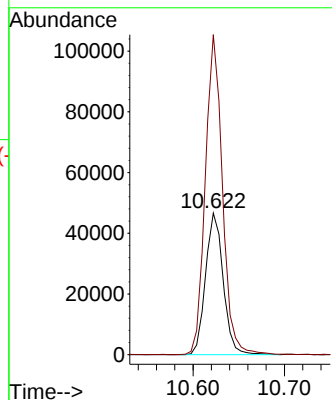
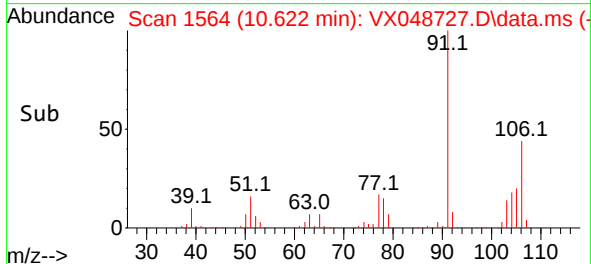
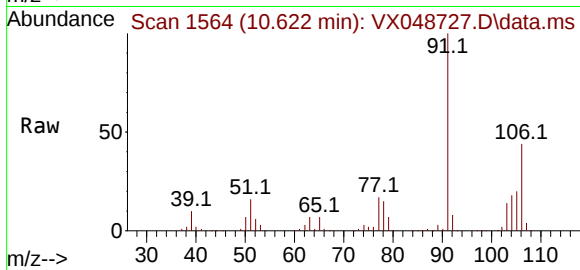
#69
o-Xylene
Concen: 19.666 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion:106 Resp: 62510
Ion Ratio Lower Upper
106 100
91 219.6 108.1 324.3

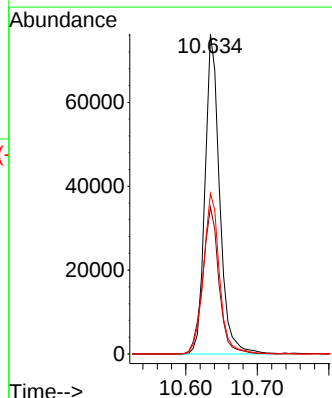
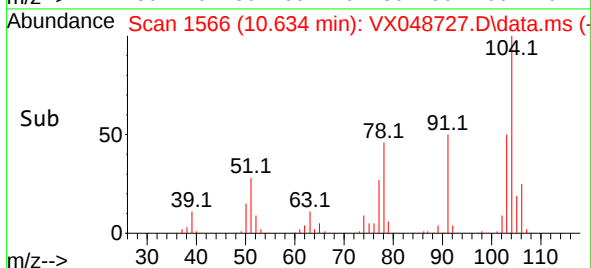
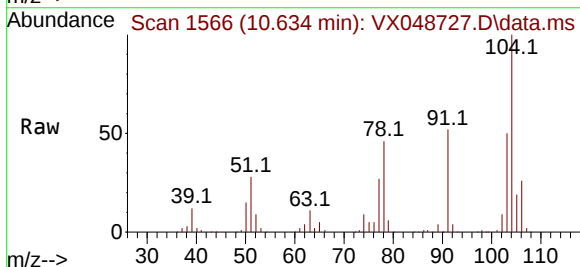
Manual Integrations
APPROVED

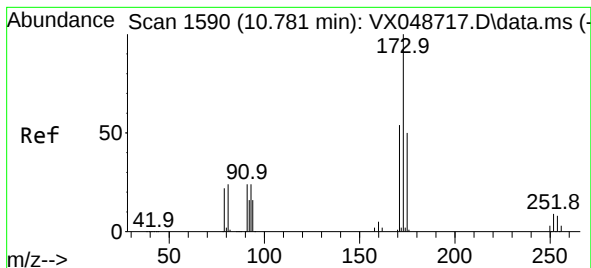
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#70
Styrene
Concen: 19.911 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

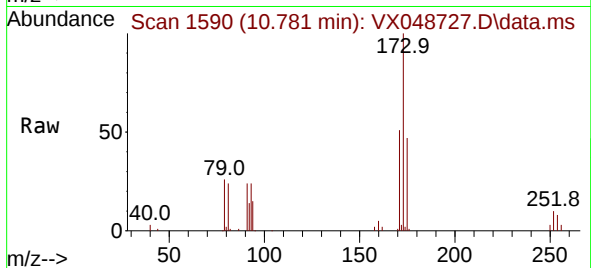
Tgt Ion:104 Resp: 108651
Ion Ratio Lower Upper
104 100
78 50.9 40.6 60.8
103 54.8 43.4 65.2





#71
Bromoform
Concen: 18.819 ug/l
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

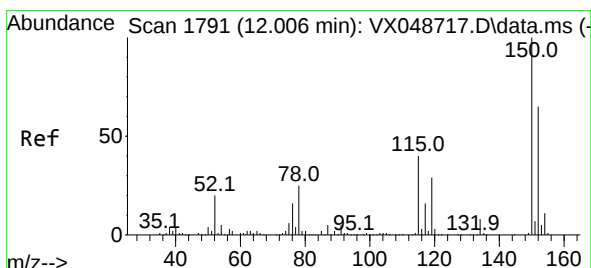
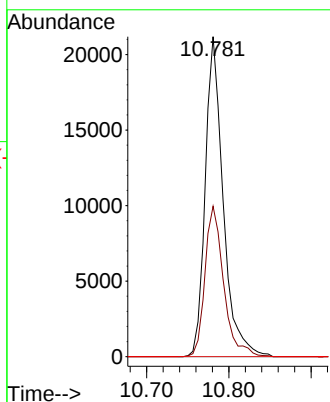
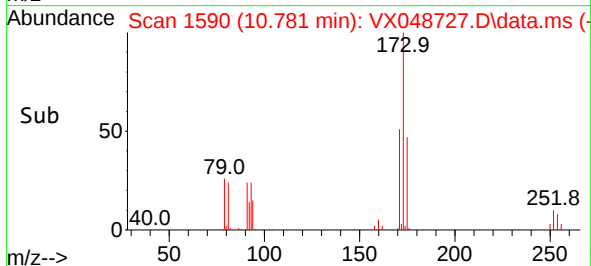
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



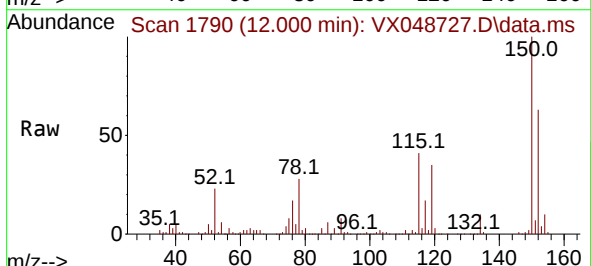
Tgt Ion:173 Resp: 32069
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

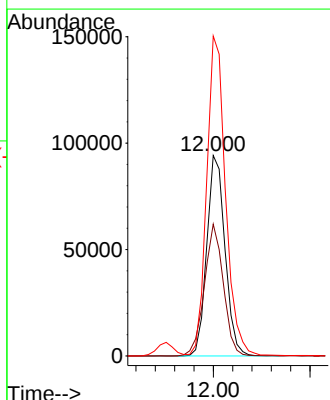
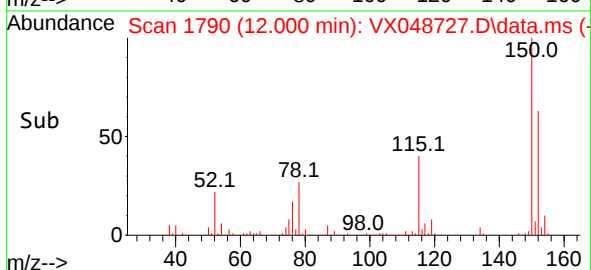
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025

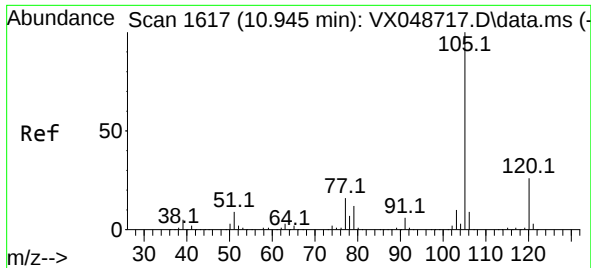


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59



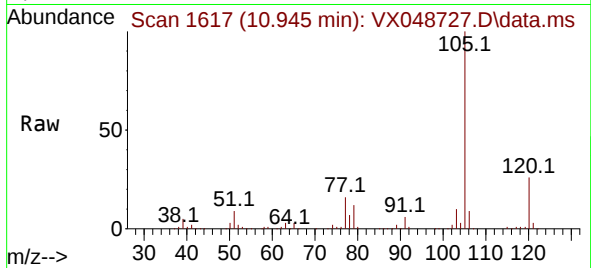
Tgt Ion:152 Resp: 123117
Ion Ratio Lower Upper
152 100
115 68.6 42.1 126.4
150 164.6 0.0 347.8





#73
Isopropylbenzene
Concen: 20.021 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

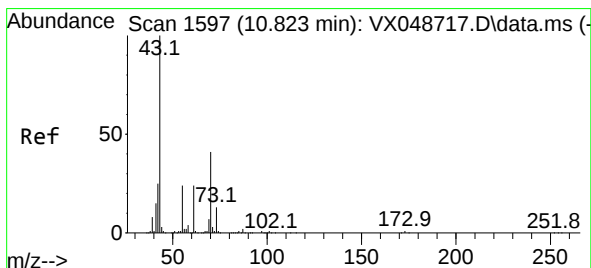
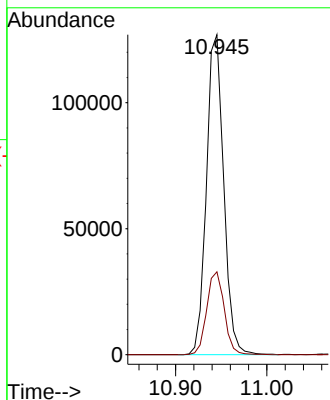
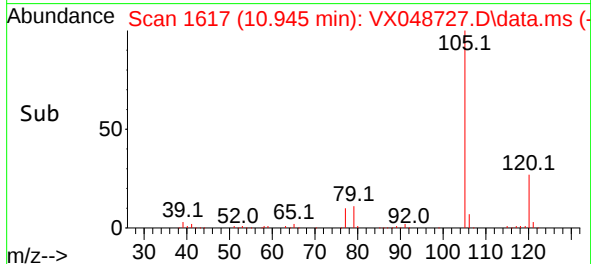
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion:105 Resp: 166100
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

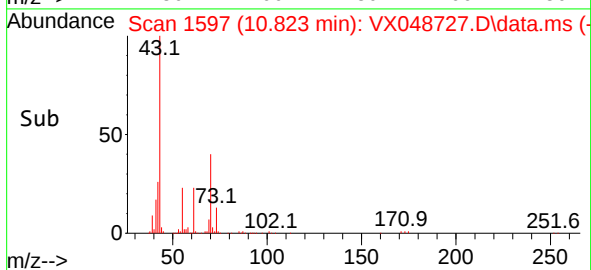
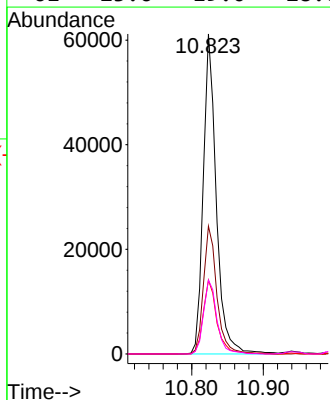
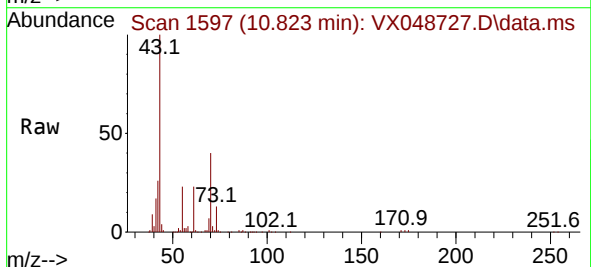
Manual Integrations
APPROVED

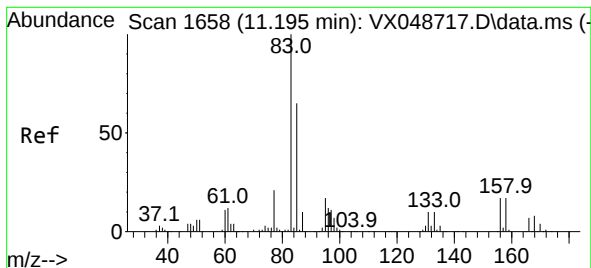
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#74
N-ethyl acetate
Concen: 21.524 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 43 Resp: 77592
Ion Ratio Lower Upper
43 100
70 41.2 33.9 50.9
55 24.1 19.1 28.7
61 23.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.383 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

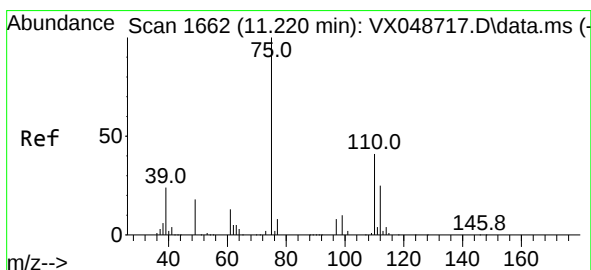
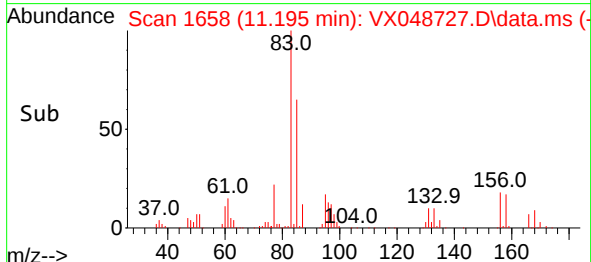
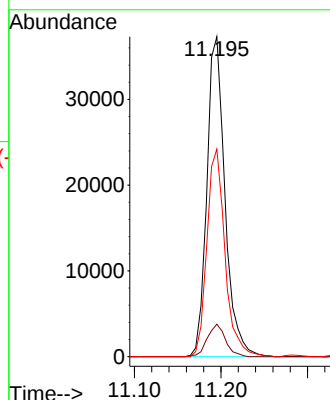
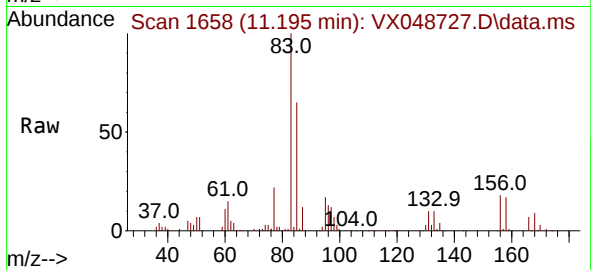
Tgt Ion: 83	Resp: 54260
Ion Ratio	Lower Upper
83 100	
131 10.2	4.9 14.7
85 64.8	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2025

Supervised By :Semsettin Yesilyurt 12/08/2025



#76

1,2,3-Trichloropropane

Concen: 22.876 ug/l m

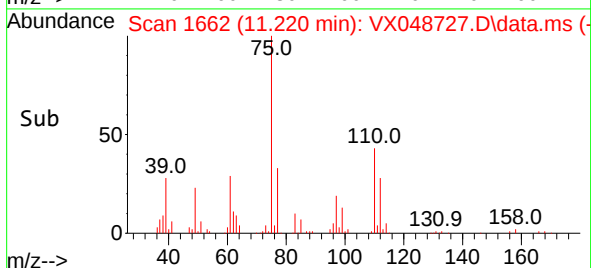
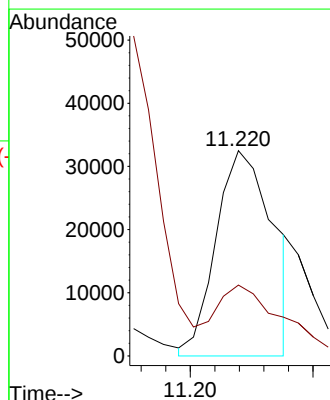
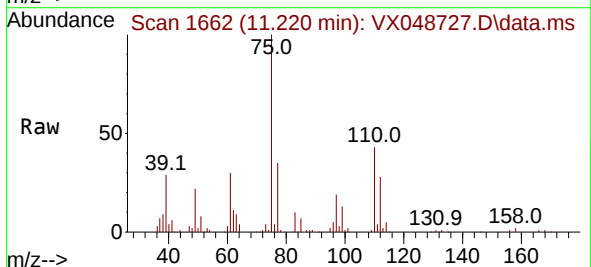
RT: 11.220 min Scan# 1662

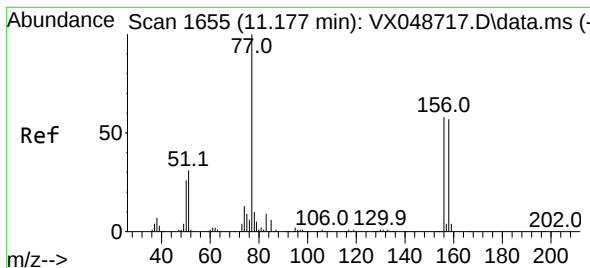
Delta R.T. 0.000 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Tgt Ion: 75	Resp: 52457
Ion Ratio	Lower Upper
75 100	
77 41.1	24.3 73.0





#77

Bromobenzene

Concen: 19.248 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. 0.000 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

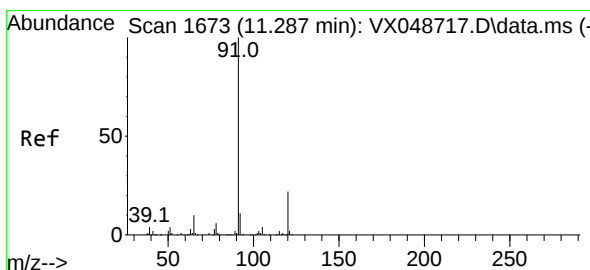
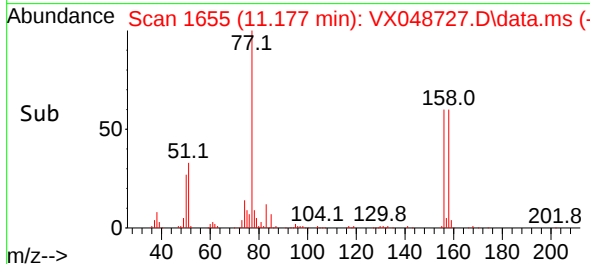
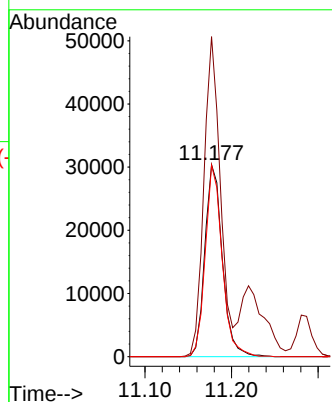
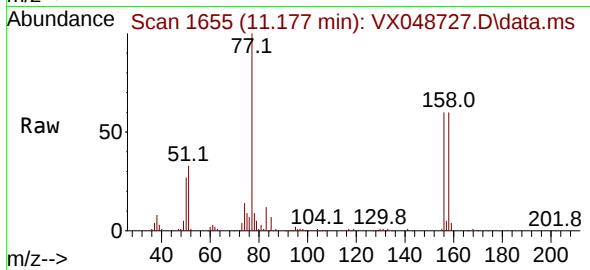
Tgt Ion:	156	Resp:	4262
Ion Ratio	Lower	Upper	
156	100		
77	156.6	80.3	240.9
158	96.6	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2025

Supervised By :Semsettin Yesilyurt 12/08/2025



#78

n-propylbenzene

Concen: 20.720 ug/l

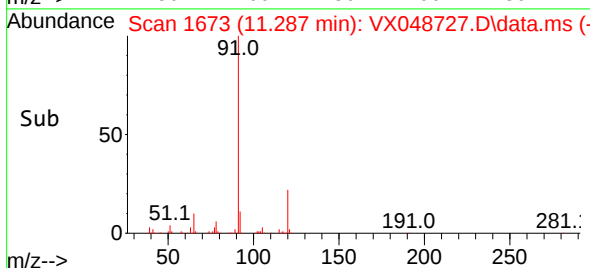
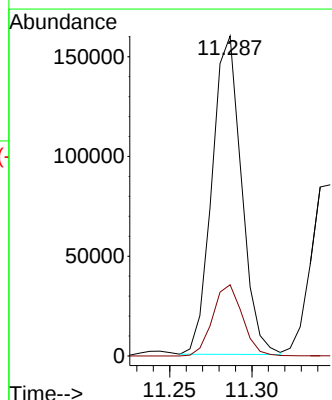
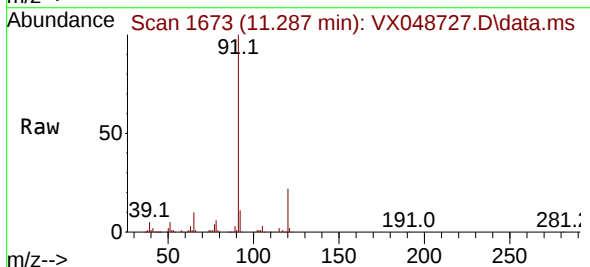
RT: 11.287 min Scan# 1673

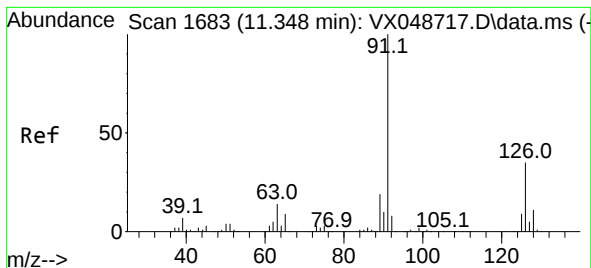
Delta R.T. 0.000 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Tgt Ion:	91	Resp:	199101
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.4	34.2





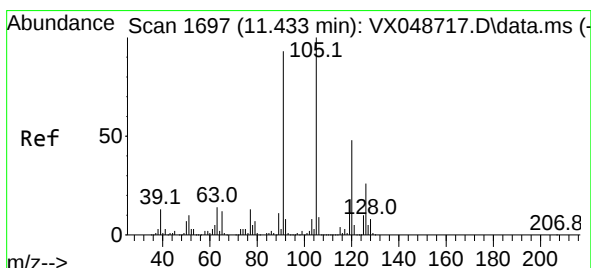
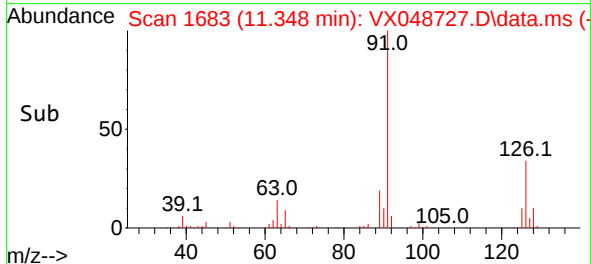
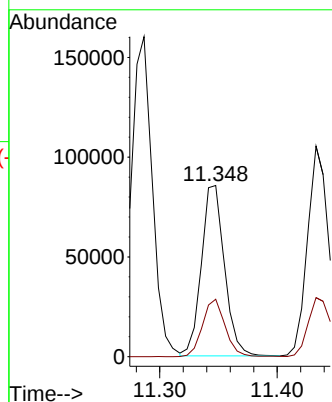
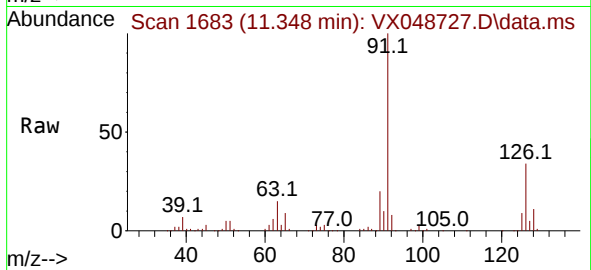
#79
2-Chlorotoluene
Concen: 19.911 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion: 91 Resp: 116668
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.3

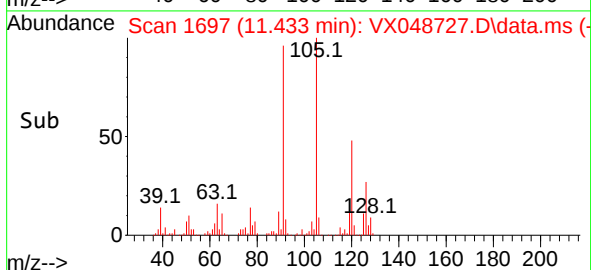
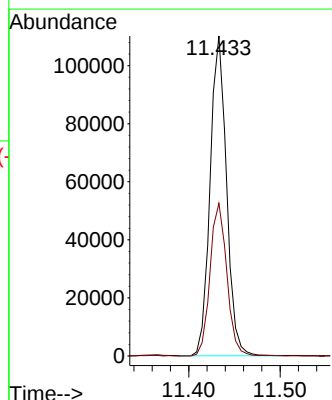
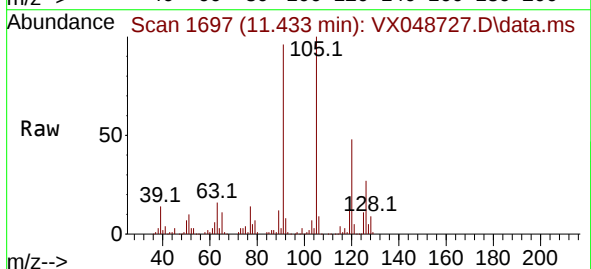
Manual Integrations
APPROVED

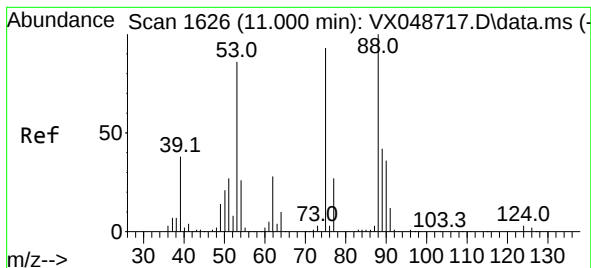
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.058 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion:105 Resp: 136793
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.2





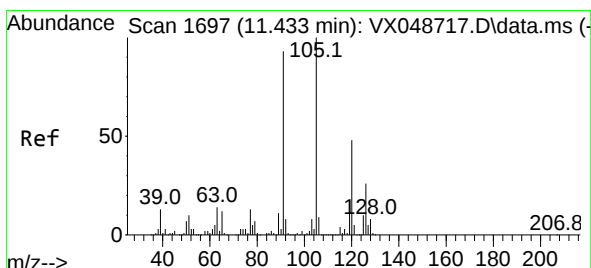
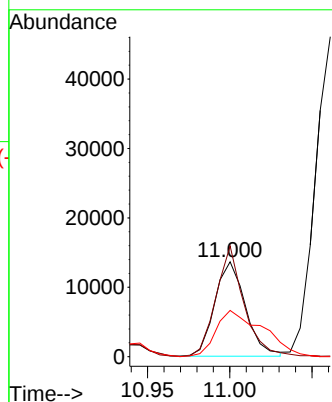
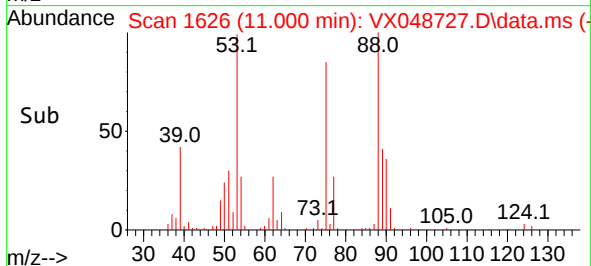
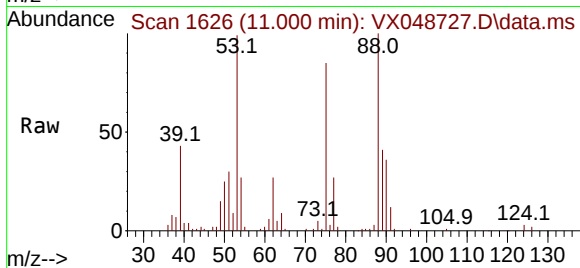
#81
trans-1,4-Dichloro-2-butene
Concen: 18.378 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion: 75 Resp: 1774
Ion Ratio Lower Upper
75 100
53 107.6 79.9 119.9
89 75.0 67.1 100.7

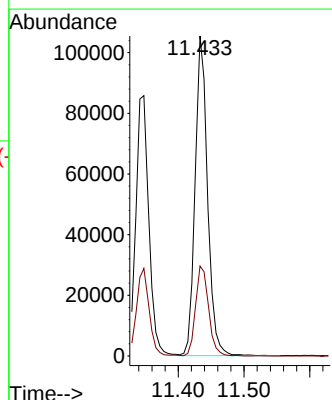
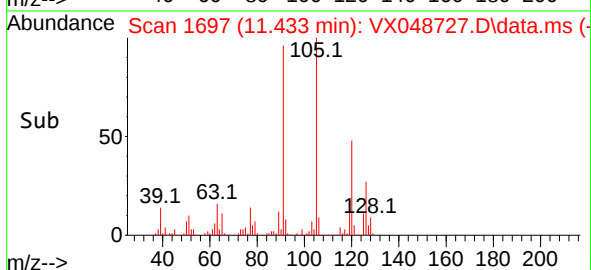
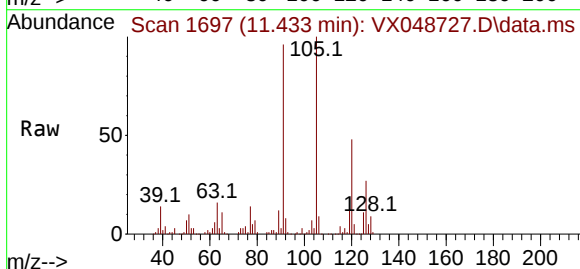
Manual Integrations
APPROVED

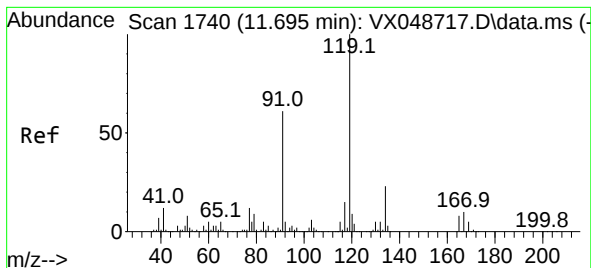
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#82
4-Chlorotoluene
Concen: 20.212 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 91 Resp: 138202
Ion Ratio Lower Upper
91 100
126 29.4 14.7 44.1





#83

tert-Butylbenzene

Concen: 19.756 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

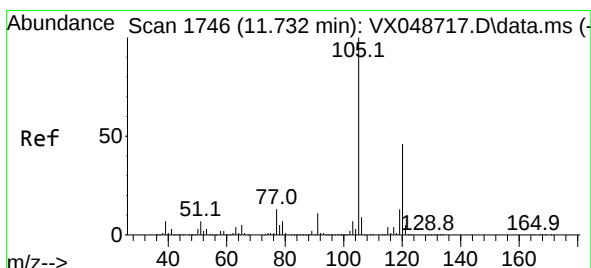
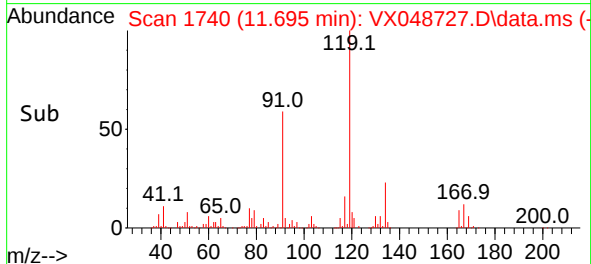
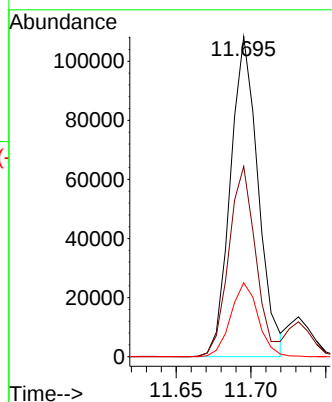
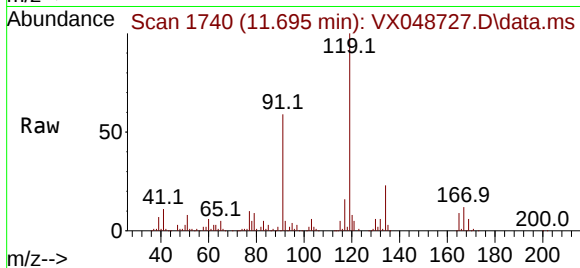
Tgt Ion:	119	Resp:	139992
Ion Ratio	Lower	Upper	
119	100		
91	58.2	28.4	85.2
134	22.8	11.2	33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2025

Supervised By :Semsettin Yesilyurt 12/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.171 ug/l

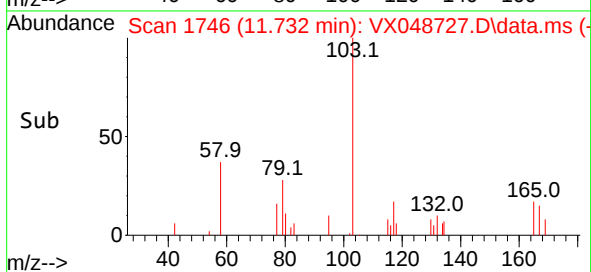
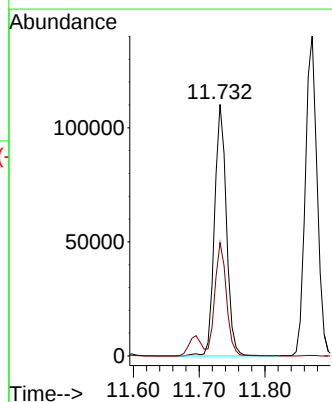
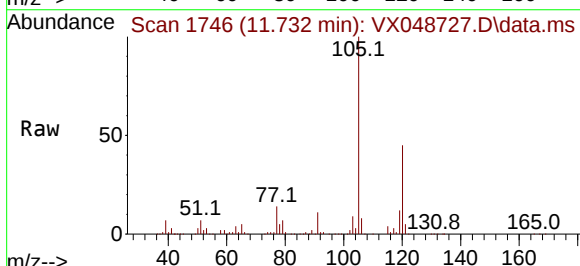
RT: 11.732 min Scan# 1746

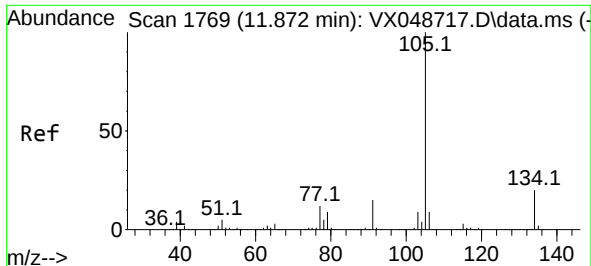
Delta R.T. 0.000 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

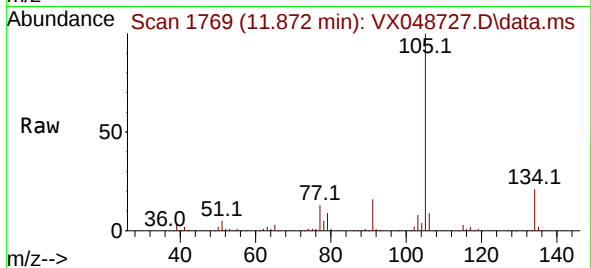
Tgt Ion:	105	Resp:	138765
Ion Ratio	Lower	Upper	
105	100		
120	44.1	22.3	66.8





#85
sec-Butylbenzene
Concen: 20.356 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

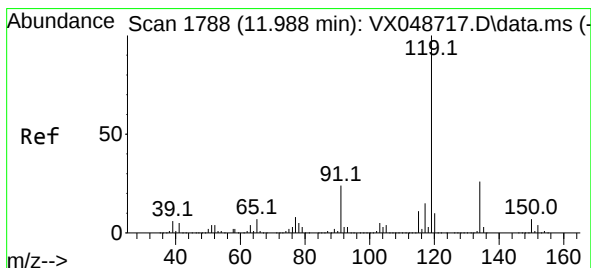
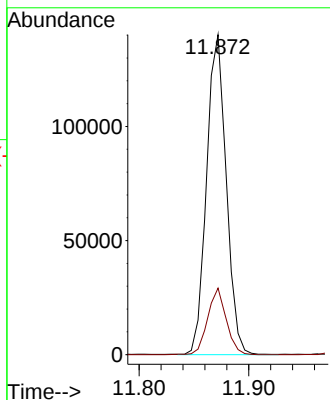
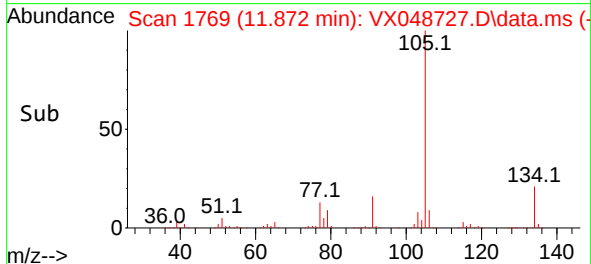
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion:105 Resp: 174812
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.5

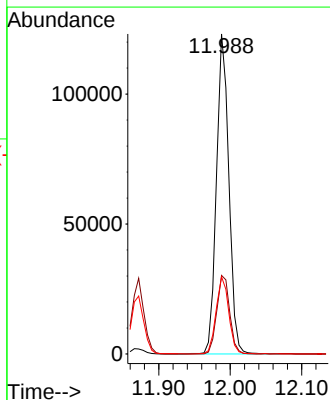
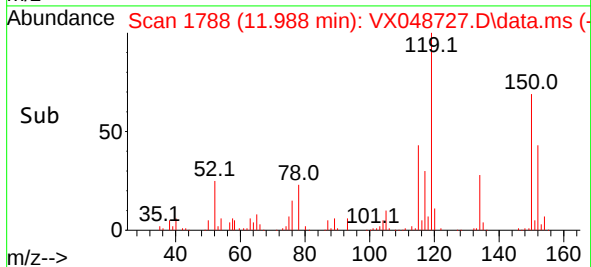
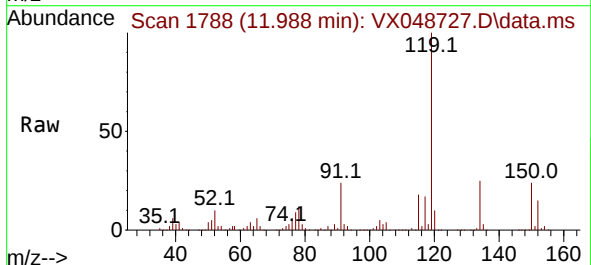
Manual Integrations
APPROVED

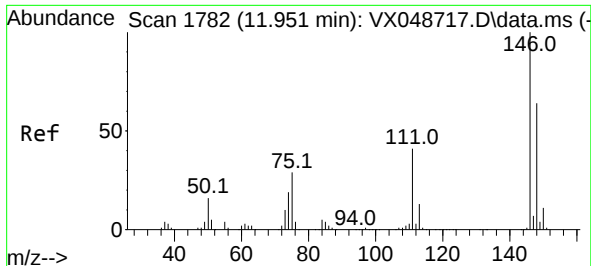
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#86
p-Isopropyltoluene
Concen: 20.199 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

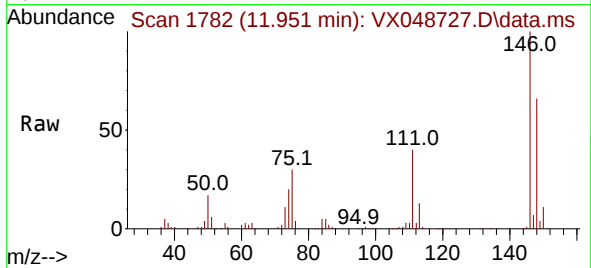
Tgt Ion:119 Resp: 148273
Ion Ratio Lower Upper
119 100
134 25.5 13.1 39.3
91 24.6 11.8 35.4





#87
1,3-Dichlorobenzene
Concen: 19.272 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

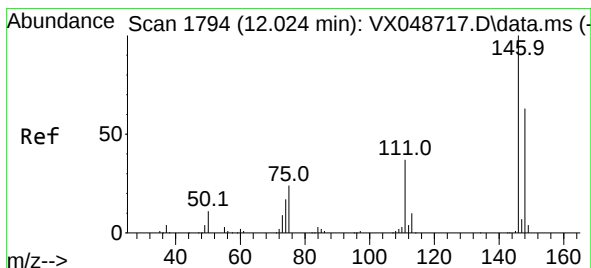
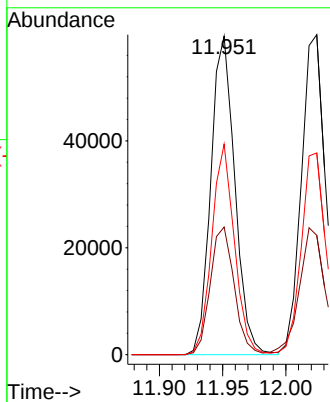
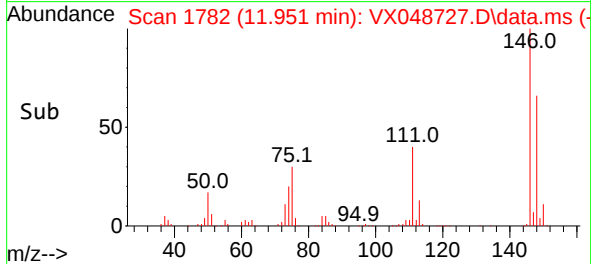
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



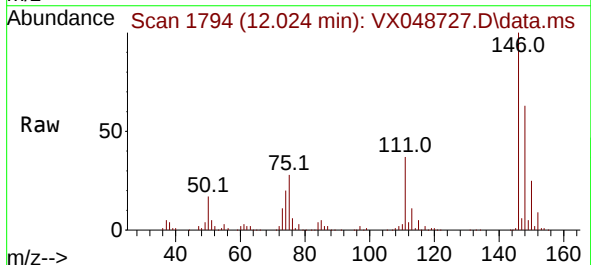
Tgt Ion:146 Resp: 78674
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.8
148 62.2 32.1 96.5

Manual Integrations
APPROVED

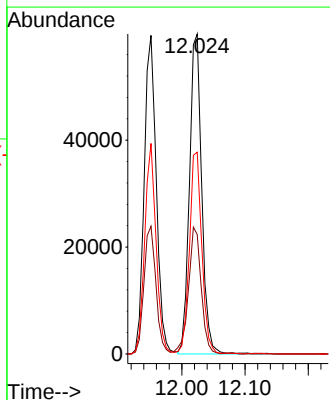
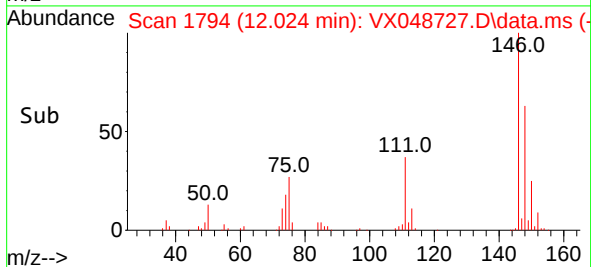
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025

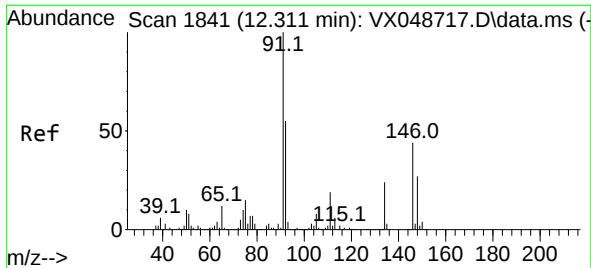


#88
1,4-Dichlorobenzene
Concen: 19.099 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59



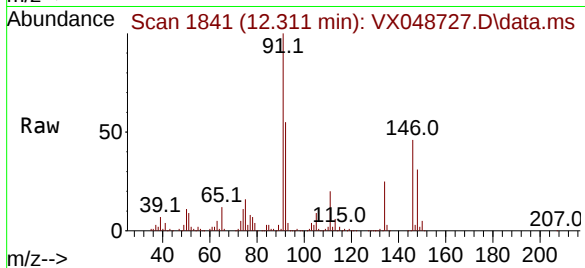
Tgt Ion:146 Resp: 80568
Ion Ratio Lower Upper
146 100
111 40.8 19.6 58.7
148 64.0 31.6 94.7





#89
n-Butylbenzene
Concen: 19.545 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

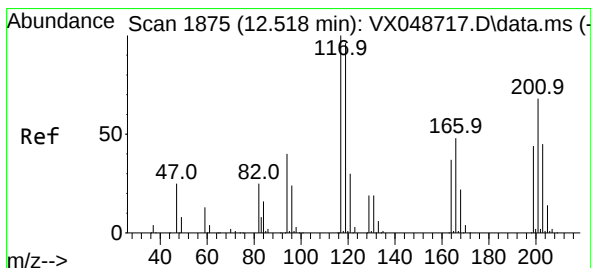
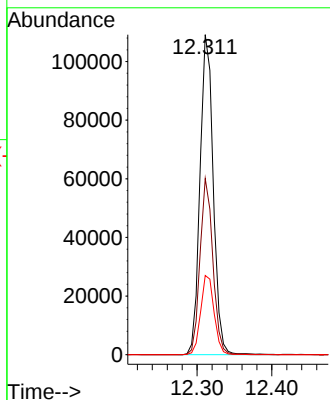
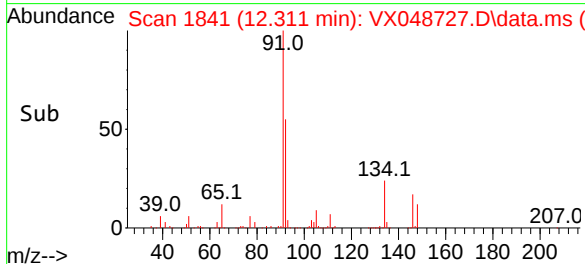
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



Tgt Ion: 91 Resp: 134336
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.3
134 25.2 12.9 38.6

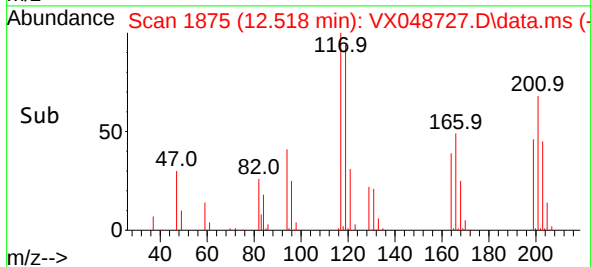
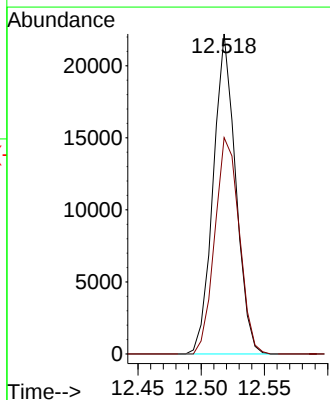
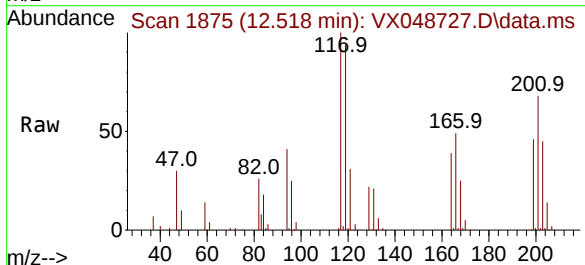
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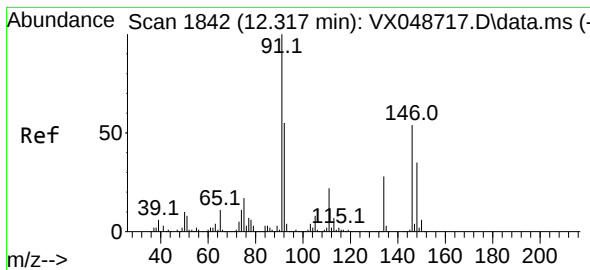
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#90
Hexachloroethane
Concen: 18.273 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion:117 Resp: 27377
Ion Ratio Lower Upper
117 100
201 73.6 36.4 109.1





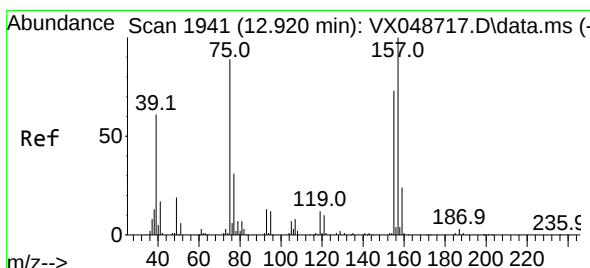
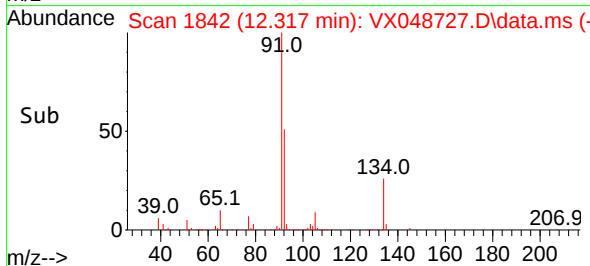
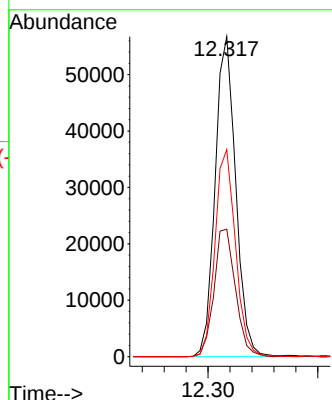
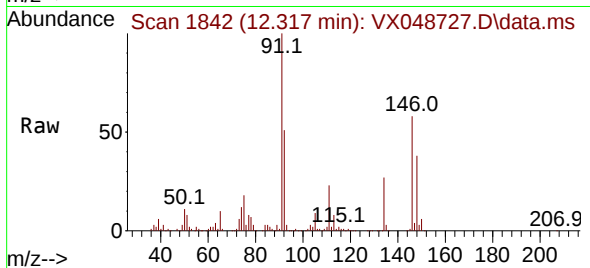
#91
1,2-Dichlorobenzene
Concen: 18.720 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tgt Ion:146 Resp: 74089
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.5
148 64.4 32.0 96.0

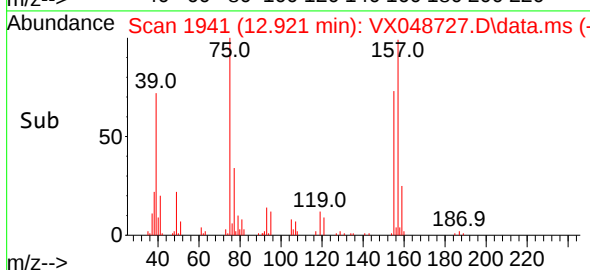
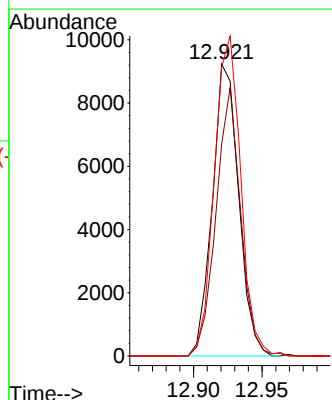
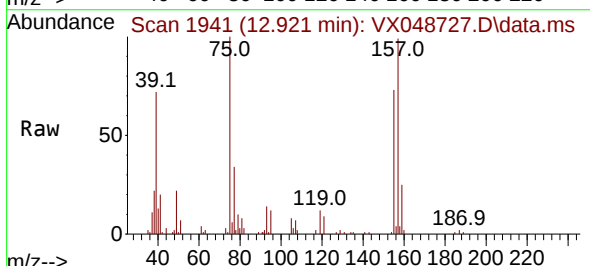
Manual Integrations
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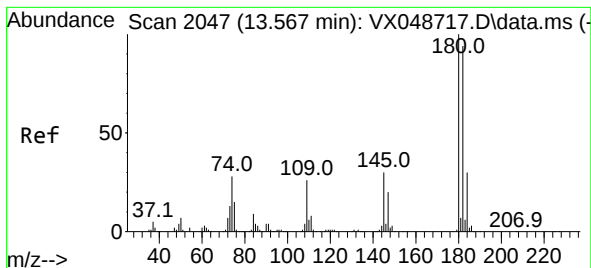
Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.098 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

Tgt Ion: 75 Resp: 12330
Ion Ratio Lower Upper
75 100
155 85.7 43.0 129.2
157 109.7 56.0 168.2





#93

1,2,4-Trichlorobenzene

Concen: 20.794 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tgt Ion:180 Resp: 5435

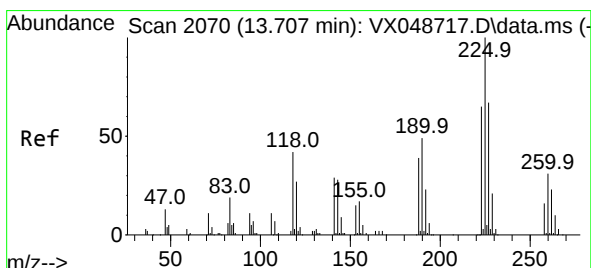
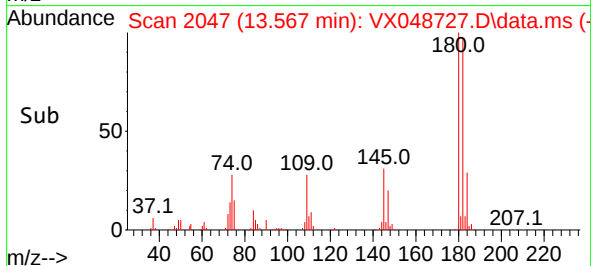
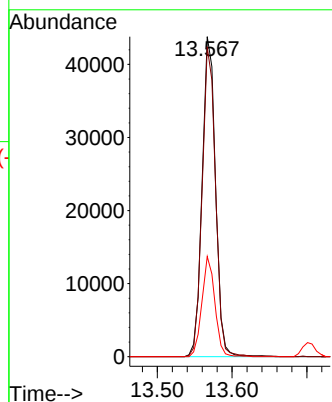
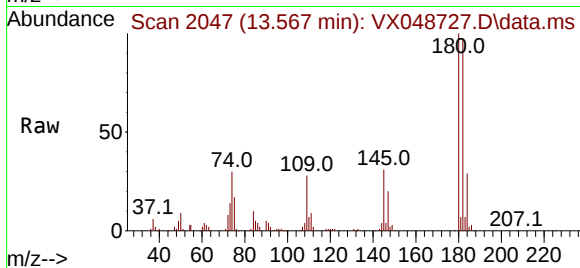
Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.9	140.8
145	30.4	15.1	45.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2025

Supervised By :Semsettin Yesilyurt 12/08/2025



#94

Hexachlorobutadiene

Concen: 21.373 ug/l

RT: 13.701 min Scan# 2069

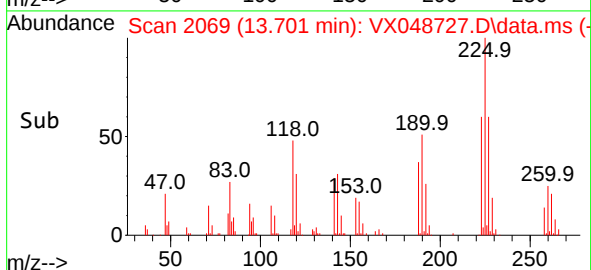
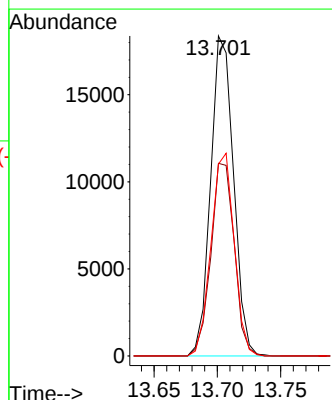
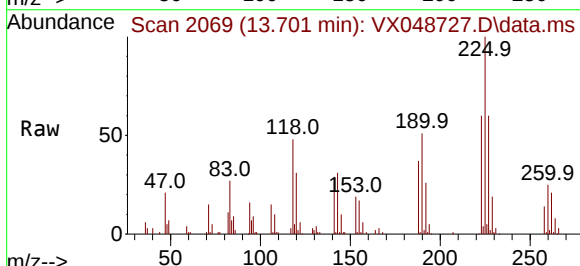
Delta R.T. -0.006 min

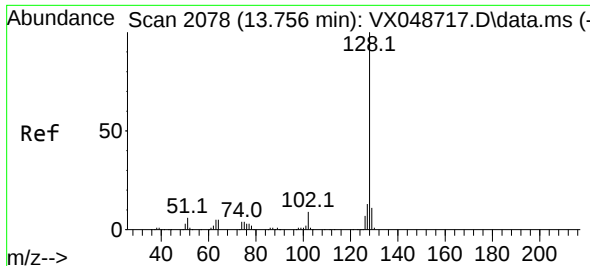
Lab File: VX048727.D

Acq: 05 Dec 2025 11:59

Tgt Ion:225 Resp: 23109

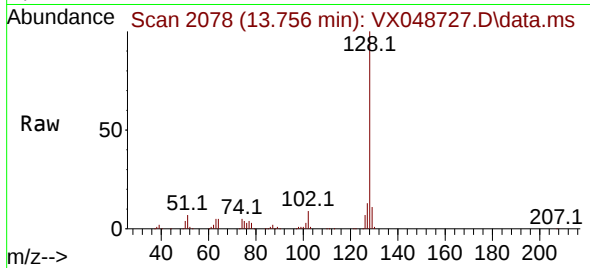
Ion	Ratio	Lower	Upper
225	100		
223	61.5	33.0	98.9
227	64.0	32.9	98.7





#95
Naphthalene
Concen: 24.532 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59

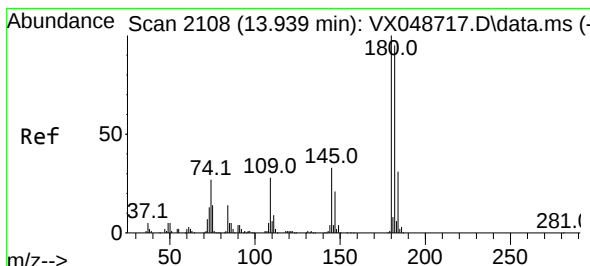
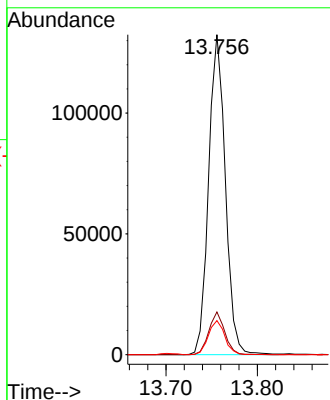
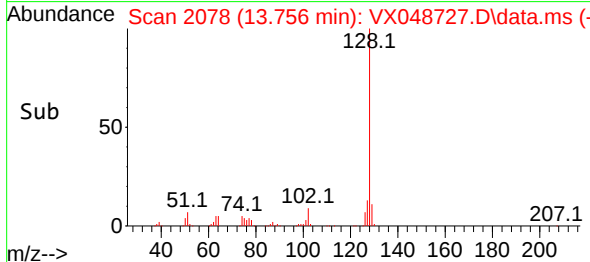
Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01



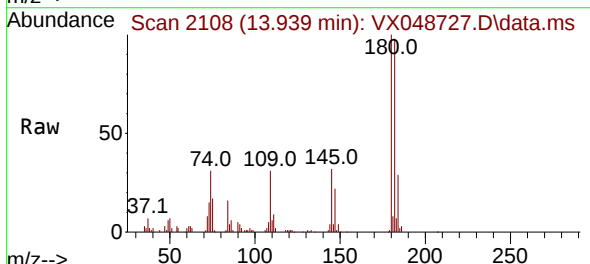
Tgt Ion:128 Resp: 16833
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2025
Supervised By :Semsettin Yesilyurt 12/08/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.176 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048727.D
Acq: 05 Dec 2025 11:59



Tgt Ion:180 Resp: 43816
Ion Ratio Lower Upper
180 100
182 97.9 48.0 144.2
145 33.9 16.6 49.8

