

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048248.D
 Acq On : 20 Oct 2025 18:43
 Operator : JC/MD
 Sample : VX1020MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 21 06:15:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	127307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	206948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	185916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	94983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92624	51.892	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.780%			
35) Dibromofluoromethane	5.373	113	75583	53.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.000%			
50) Toluene-d8	8.635	98	264704	53.453	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.900%			
62) 4-Bromofluorobenzene	11.061	95	98193	52.122	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	25156	19.222	ug/l	98
3) Chloromethane	1.301	50	24149	19.769	ug/l	98
4) Vinyl Chloride	1.380	62	23243	20.547	ug/l	97
5) Bromomethane	1.618	94	16263	21.184	ug/l	91
6) Chloroethane	1.697	64	14217	21.388	ug/l	89
7) Trichlorofluoromethane	1.898	101	43898	20.234	ug/l	98
8) Diethyl Ether	2.136	74	12765	20.911	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.337	101	27468	19.994	ug/l	96
10) Methyl Iodide	2.459	142	32106	18.590	ug/l	100
11) Tert butyl alcohol	2.941	59	16982	95.824	ug/l	99
12) 1,1-Dichloroethene	2.325	96	27765	20.774	ug/l	86
13) Acrolein	2.239	56	17327	95.864	ug/l	97
14) Allyl chloride	2.666	41	44023	19.839	ug/l	97
15) Acrylonitrile	3.062	53	62921	98.461	ug/l	100
16) Acetone	2.374	43	52247	85.324	ug/l	98
17) Carbon Disulfide	2.520	76	80203	19.040	ug/l	98
18) Methyl Acetate	2.703	43	24428	19.102	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	88446	19.398	ug/l	99
20) Methylene Chloride	2.788	84	30751	20.610	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	29816	20.309	ug/l	98
22) Diisopropyl ether	3.751	45	92707	20.946	ug/l	88
23) Vinyl Acetate	3.715	43	355332	100.506	ug/l	97
24) 1,1-Dichloroethane	3.605	63	53681	20.059	ug/l	98
25) 2-Butanone	4.544	43	73164	94.398	ug/l	99
26) 2,2-Dichloropropane	4.471	77	44812	18.551	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	34789	20.304	ug/l	97
28) Bromochloromethane	4.885	49	20215	18.217	ug/l	85
29) Tetrahydrofuran	4.989	42	47039	101.337	ug/l	96
30) Chloroform	5.086	83	58220	20.362	ug/l	96
31) Cyclohexane	5.458	56	44877	20.255	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	51919	19.703	ug/l	99
36) 1,1-Dichloropropene	5.684	75	39382	19.612	ug/l	99
37) Ethyl Acetate	4.702	43	29348	17.632	ug/l	95
38) Carbon Tetrachloride	5.666	117	48230	19.468	ug/l	98
39) Methylcyclohexane	7.367	83	46883	19.769	ug/l	93
40) Benzene	6.025	78	118974	20.407	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	16801	19.221	ug/l	96
42) 1,2-Dichloroethane	6.074	62	43869	20.391	ug/l	98
43) Isopropyl Acetate	6.330	43	54080	19.780	ug/l	96
44) Trichloroethene	7.117	130	31014	20.146	ug/l	95
45) 1,2-Dichloropropane	7.415	63	28868	20.826	ug/l	97
46) Dibromomethane	7.568	93	21707	20.101	ug/l	95
47) Bromodichloromethane	7.805	83	46842	20.089	ug/l	99
48) Methyl methacrylate	7.677	41	26501	19.209	ug/l	93
49) 1,4-Dioxane	7.647	88	7187	394.314	ug/l	90
51) 4-Methyl-2-Pentanone	8.555	43	159023	100.880	ug/l	96
52) Toluene	8.702	92	76649	20.695	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	44929	19.995	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	48910	20.175	ug/l	95
55) 1,1,2-Trichloroethane	9.135	97	28421	20.634	ug/l	97
56) Ethyl methacrylate	9.104	69	39958	19.834	ug/l	95
57) 1,3-Dichloropropane	9.293	76	47922	20.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	90460	84.637	ug/l	96
59) 2-Hexanone	9.415	43	110213	100.269	ug/l	97
60) Dibromochloromethane	9.506	129	37774	20.404	ug/l	98
61) 1,2-Dibromoethane	9.598	107	29974	20.413	ug/l	98
64) Tetrachloroethene	9.256	164	27388	19.733	ug/l	94
65) Chlorobenzene	10.061	112	86692	20.729	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	30126	19.612	ug/l	99
67) Ethyl Benzene	10.177	91	145182	20.389	ug/l	99
68) m/p-Xylenes	10.287	106	109436	41.365	ug/l	100
69) o-Xylene	10.622	106	51723	20.250	ug/l	100
70) Styrene	10.640	104	91320	20.997	ug/l	99
71) Bromoform	10.781	173	24622	20.055	ug/l #	100
73) Isopropylbenzene	10.945	105	139434	20.098	ug/l	99
74) N-amyl acetate	10.823	43	47112	19.145	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	38399	20.268	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	33959m	22.047	ug/l	
77) Bromobenzene	11.183	156	34989	20.114	ug/l	92
78) n-propylbenzene	11.287	91	160201	19.944	ug/l	97
79) 2-Chlorotoluene	11.348	91	98710	20.269	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	115769	20.165	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	11183	17.664	ug/l	97
82) 4-Chlorotoluene	11.439	91	116299	20.117	ug/l	98
83) tert-Butylbenzene	11.695	119	117204	19.869	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	115888	20.226	ug/l	99
85) sec-Butylbenzene	11.872	105	141697	19.966	ug/l	100
86) p-Isopropyltoluene	11.994	119	121684	19.837	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	65628	20.013	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	66041	19.440	ug/l	99
89) n-Butylbenzene	12.317	91	107287	19.215	ug/l	100
90) Hexachloroethane	12.518	117	23279	19.217	ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	60965	19.801	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7084	18.421	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	37503	18.012	ug/l	98
94) Hexachlorobutadiene	13.707	225	15146	19.453	ug/l	98
95) Naphthalene	13.756	128	104083	18.868	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	35962	18.822	ug/l	99

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QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

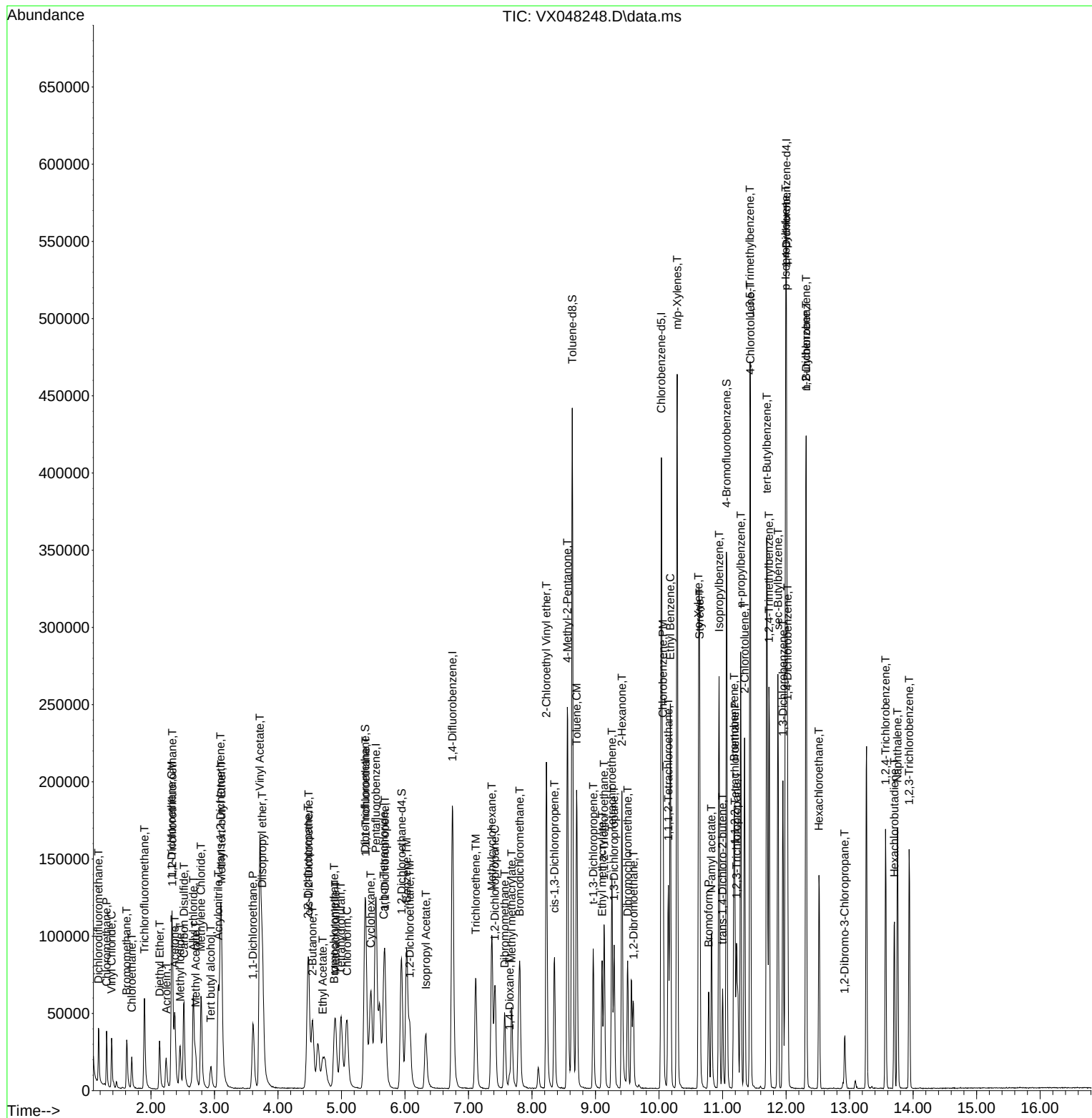
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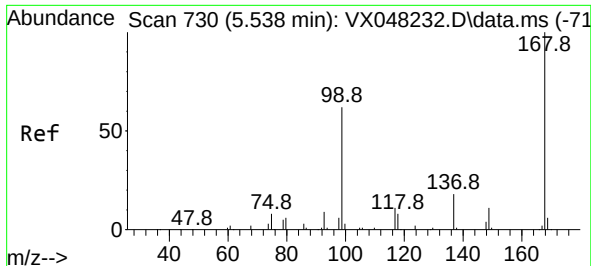
Instrument :
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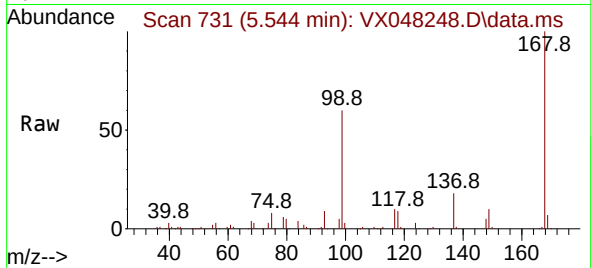
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048248.D
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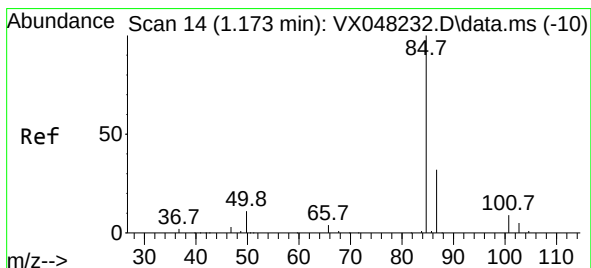
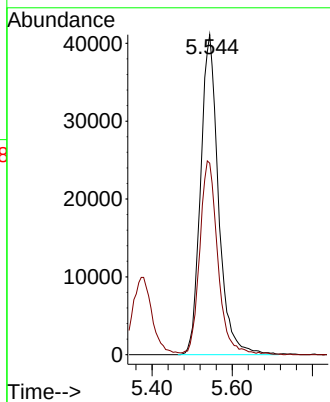
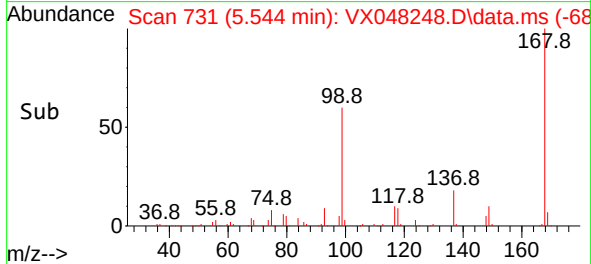
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion:168 Resp: 12730
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6

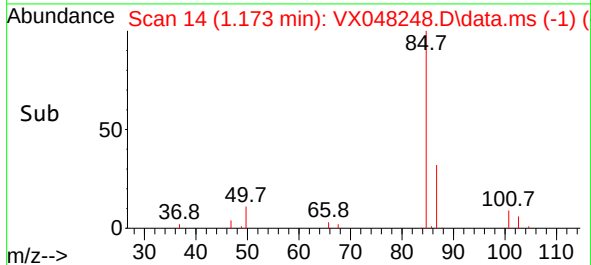
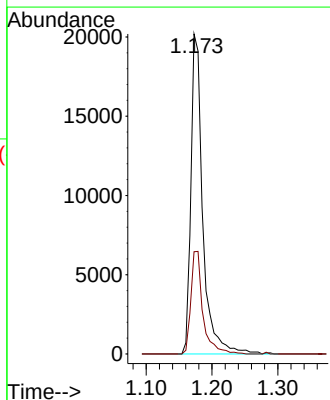
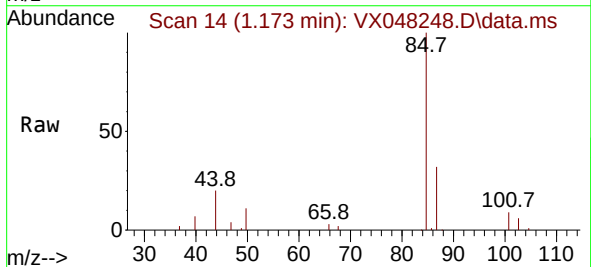
Manual Integrations
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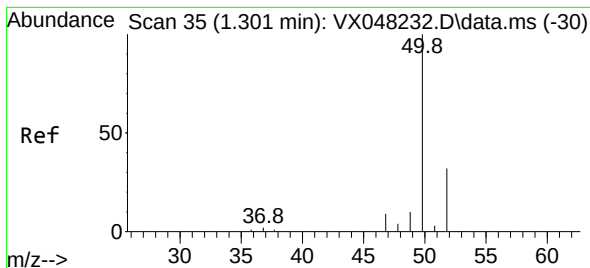
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 19.222 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

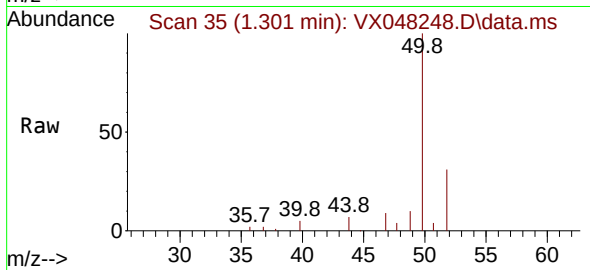
Tgt Ion: 85 Resp: 25156
Ion Ratio Lower Upper
85 100
87 31.9 15.3 45.9





#3
Chloromethane
Concen: 19.769 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

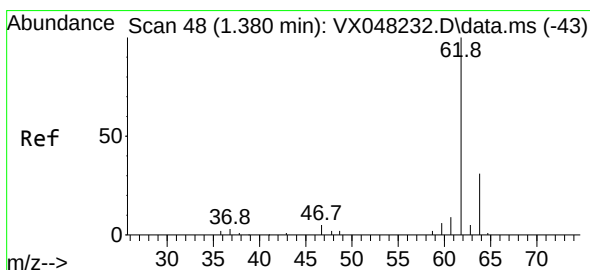
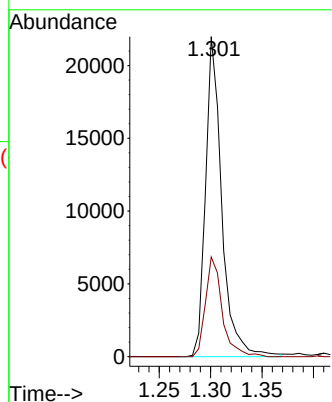
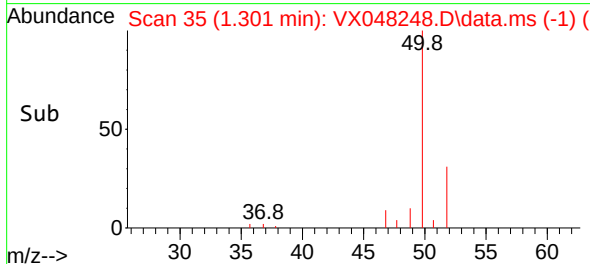
Instrument :
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Tgt Ion: 50 Resp: 24149
Ion Ratio Lower Upper
50 100
52 31.2 25.9 38.9

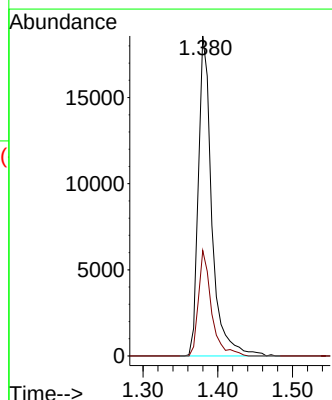
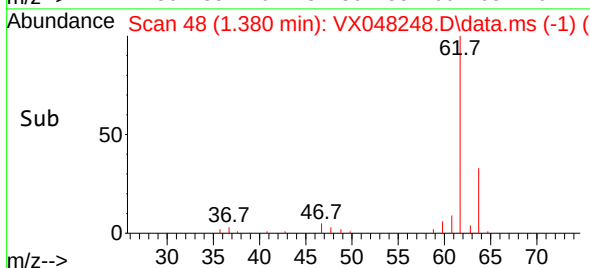
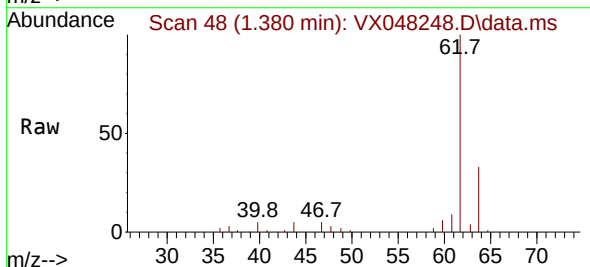
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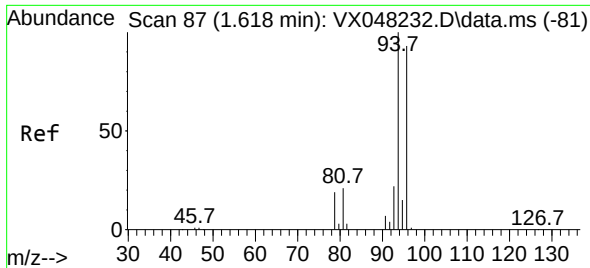
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 20.547 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

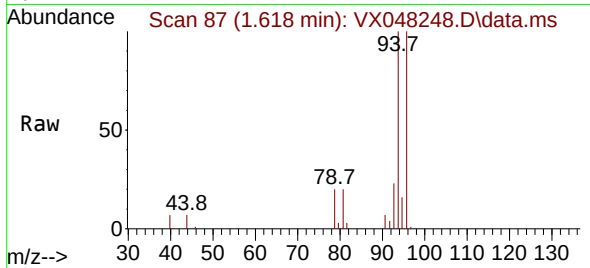
Tgt Ion: 62 Resp: 23243
Ion Ratio Lower Upper
62 100
64 33.0 25.1 37.7





#5
 Bromomethane
 Concen: 21.184 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

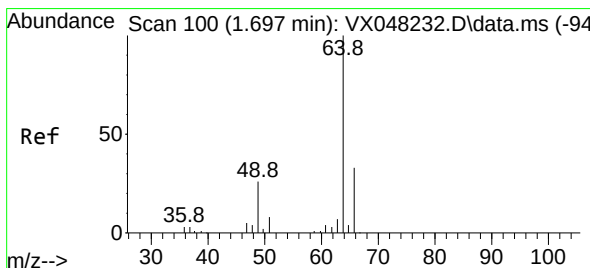
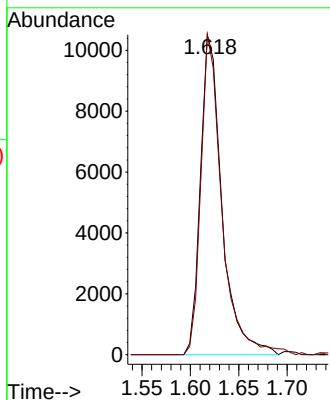
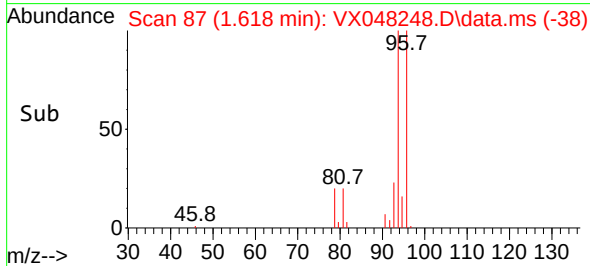
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Tgt Ion: 94 Resp: 1626
 Ion Ratio Lower Upper
 94 100
 96 86.0 76.0 114.0

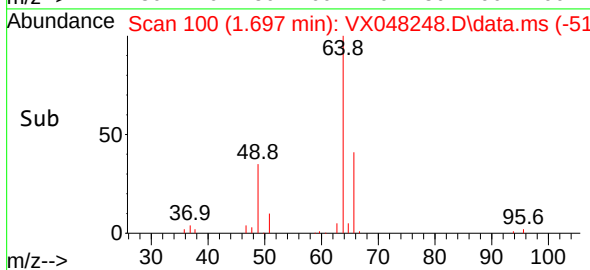
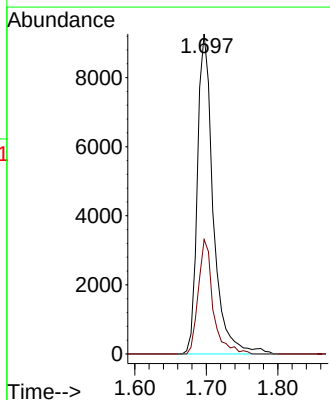
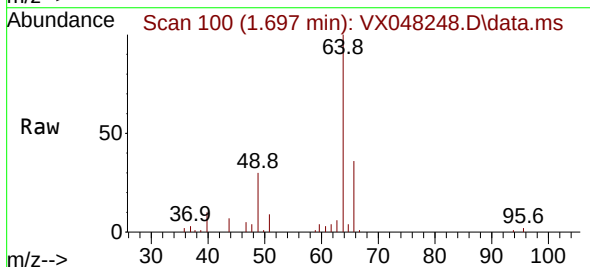
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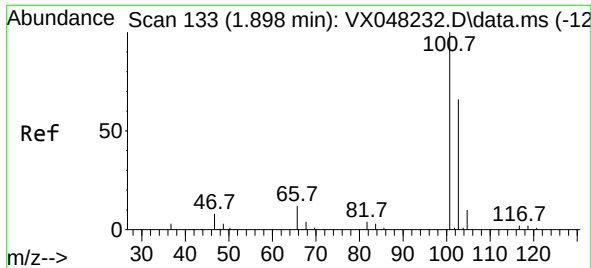
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#6
 Chloroethane
 Concen: 21.388 ug/l
 RT: 1.697 min Scan# 100
 Delta R.T. -0.000 min
 Lab File: VX048248.D
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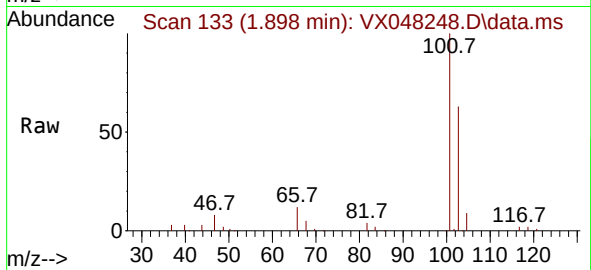
Tgt Ion: 64 Resp: 14217
 Ion Ratio Lower Upper
 64 100
 66 35.7 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 20.234 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

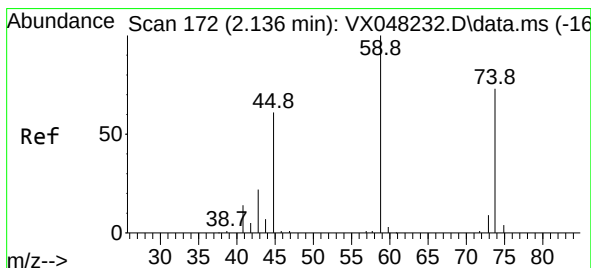
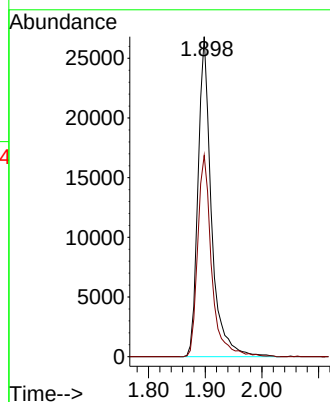
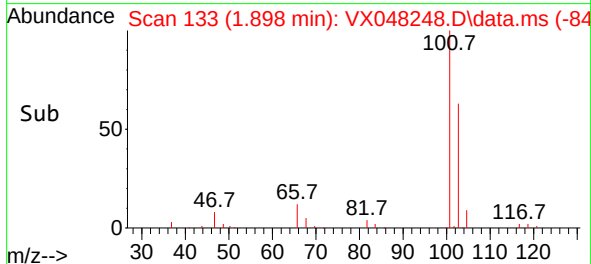
Instrument :
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Tgt Ion:101 Resp: 43898
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.6 77.4

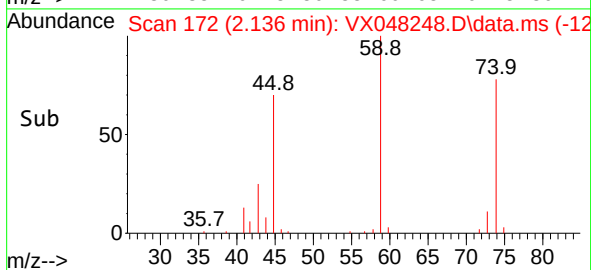
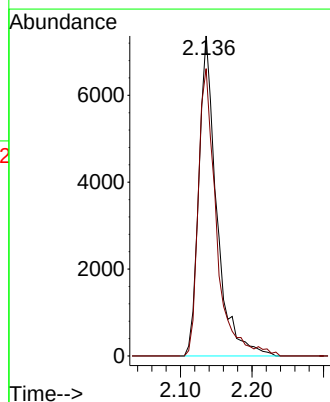
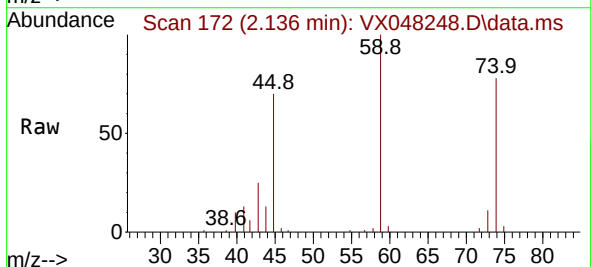
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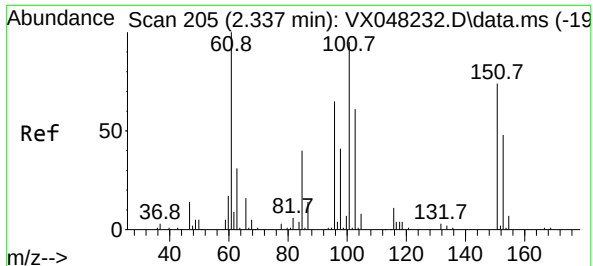
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#8
 Diethyl Ether
 Concen: 20.911 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

Tgt Ion: 74 Resp: 12765
 Ion Ratio Lower Upper
 74 100
 45 91.2 50.0 149.8





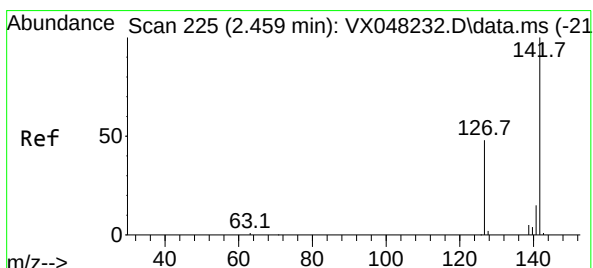
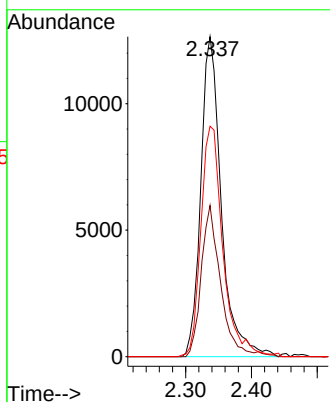
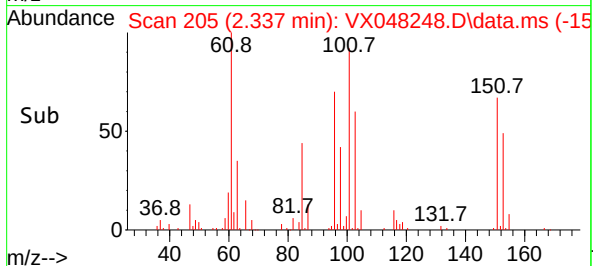
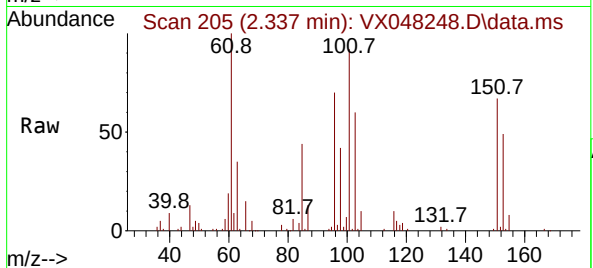
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.994 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion:101 Resp: 27468
Ion Ratio Lower Upper
101 100
85 44.8 35.6 53.4
151 77.3 58.0 87.0

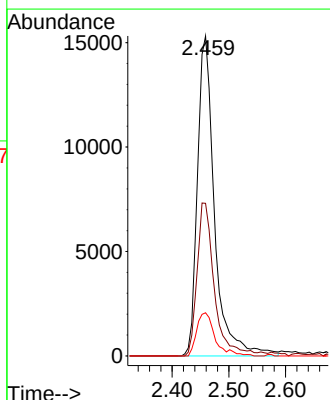
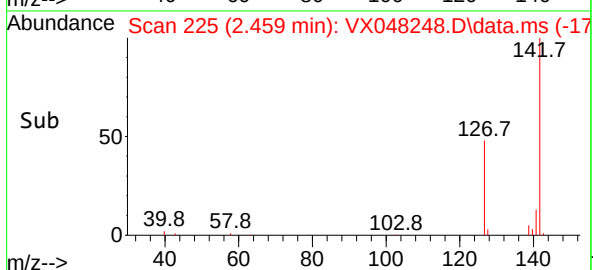
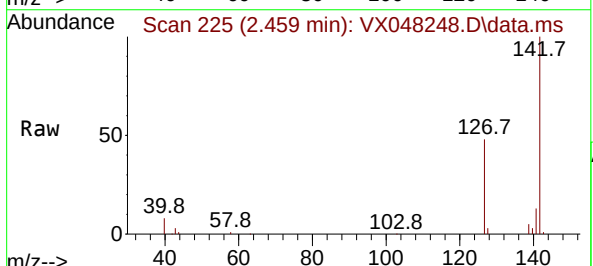
Manual Integrations
APPROVED

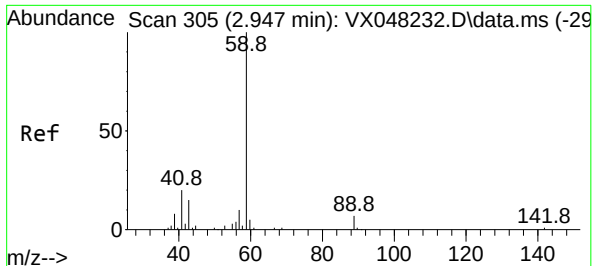
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
Methyl Iodide
Concen: 18.590 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

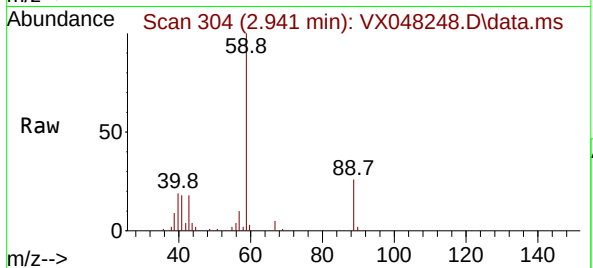
Tgt Ion:142 Resp: 32106
Ion Ratio Lower Upper
142 100
127 48.1 38.5 57.7
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 95.824 ug/l
RT: 2.941 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

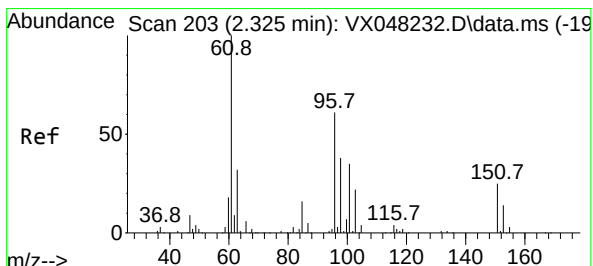
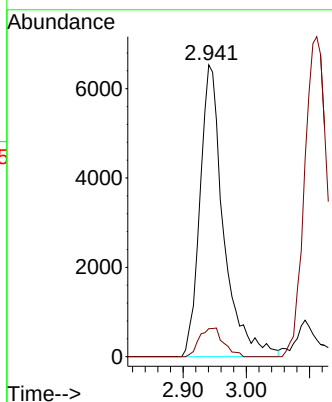
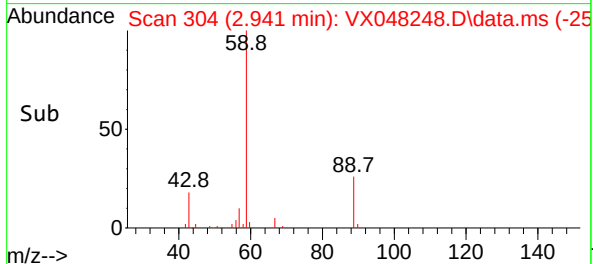
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



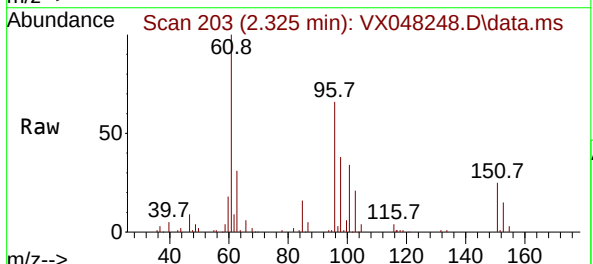
Tgt Ion: 59 Resp: 1698
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
APPROVED

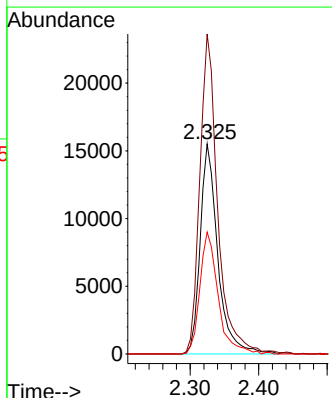
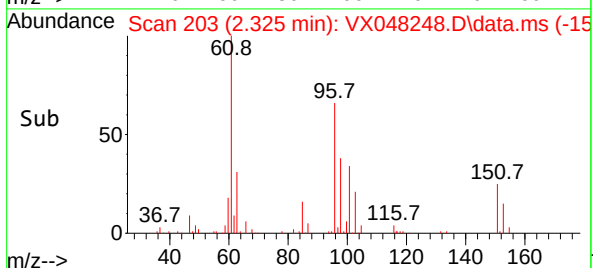
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

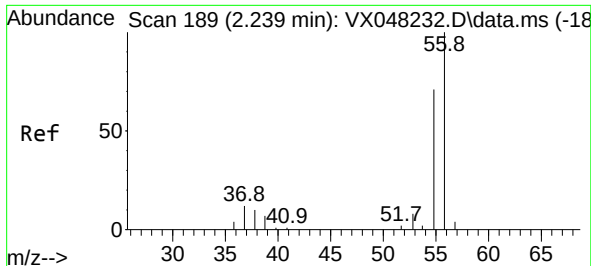


#12
1,1-Dichloroethene
Concen: 20.774 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43



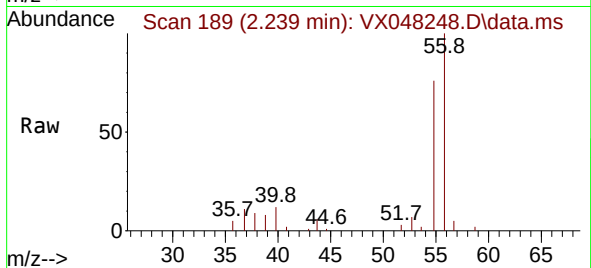
Tgt Ion: 96 Resp: 27765
Ion Ratio Lower Upper
96 100
61 152.3 139.0 208.6
98 58.0 52.4 78.6





#13
Acrolein
Concen: 95.864 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

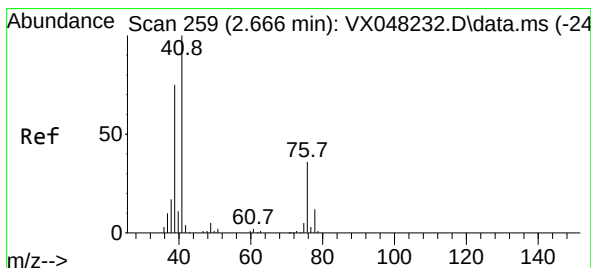
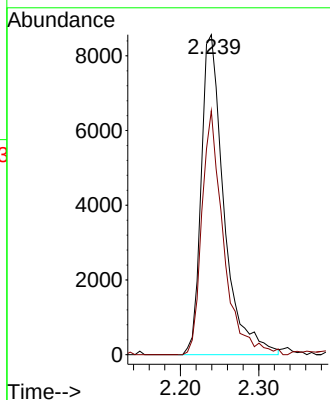
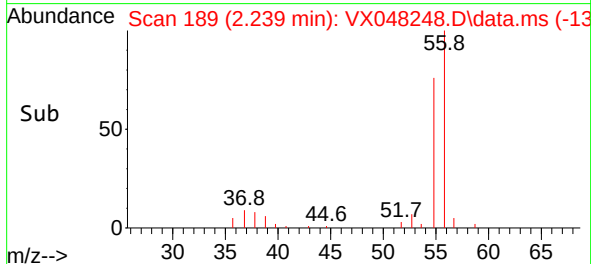
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 56 Resp: 1732
Ion Ratio Lower Upper
56 100
55 72.3 56.1 84.1

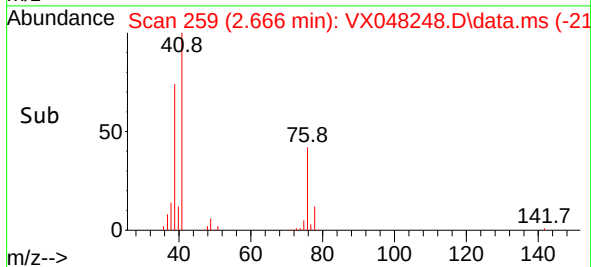
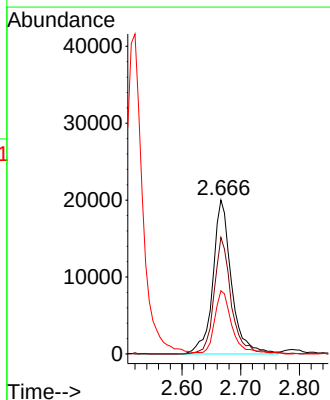
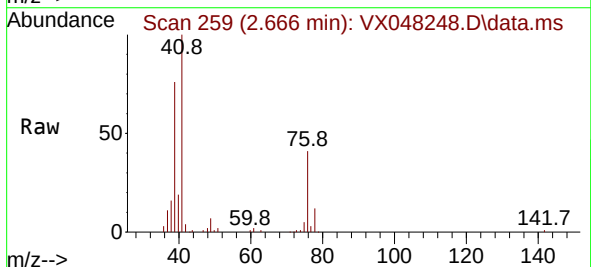
Manual Integrations
APPROVED

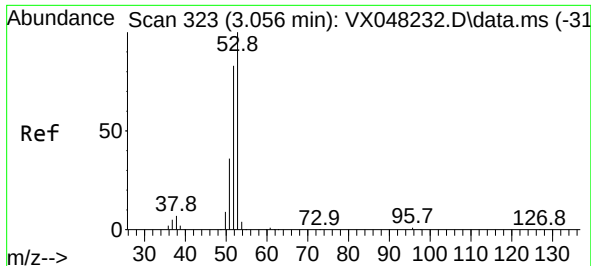
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#14
Allyl chloride
Concen: 19.839 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

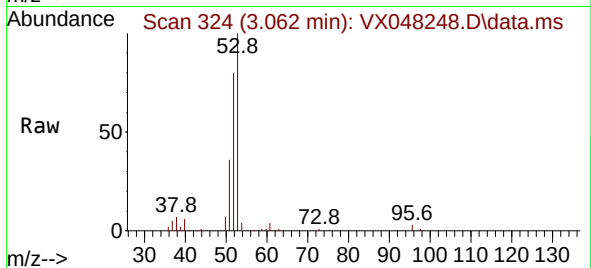
Tgt Ion: 41 Resp: 44023
Ion Ratio Lower Upper
41 100
39 69.4 56.0 84.0
76 38.4 27.5 41.3





#15
Acrylonitrile
Concen: 98.461 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

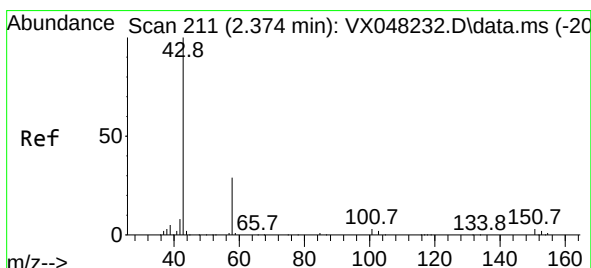
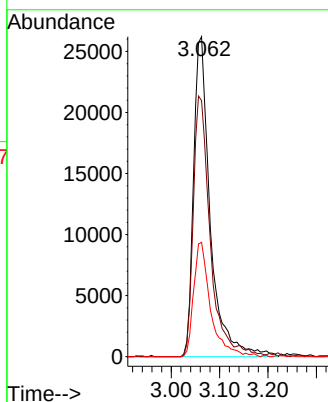
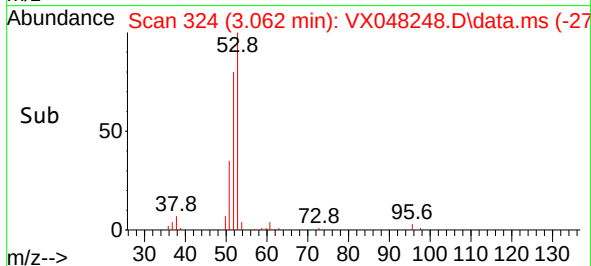
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 53 Resp: 6292
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 36.3 29.0 43.4

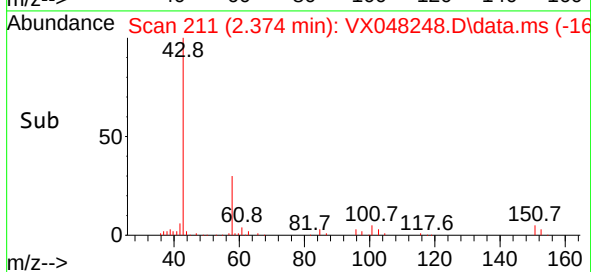
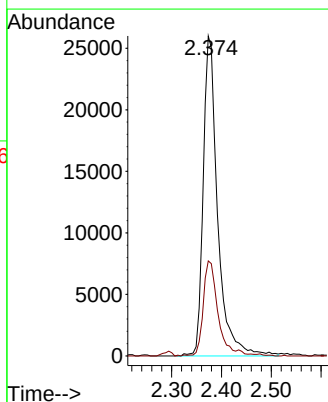
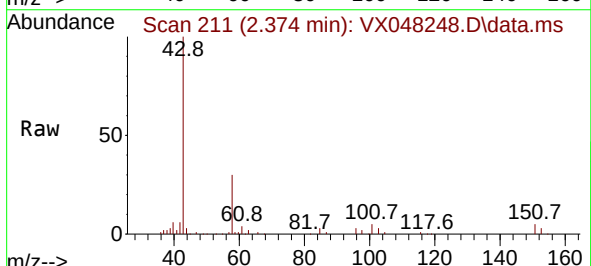
Manual Integrations
APPROVED

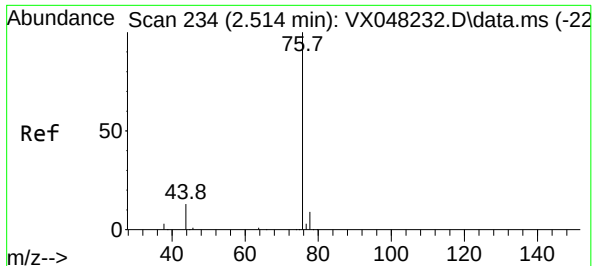
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#16
Acetone
Concen: 85.324 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 43 Resp: 52247
Ion Ratio Lower Upper
43 100
58 30.6 23.4 35.2





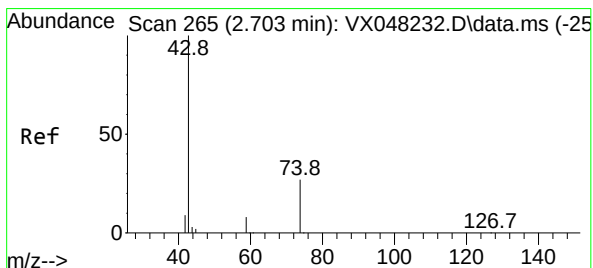
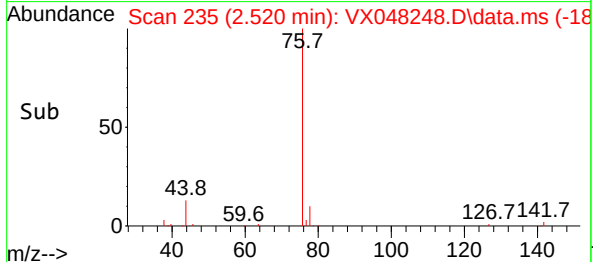
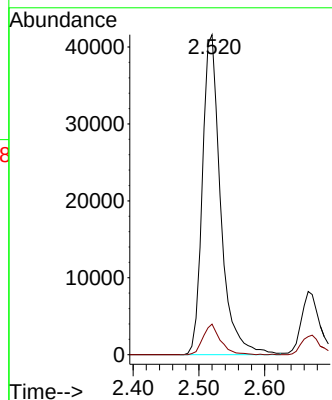
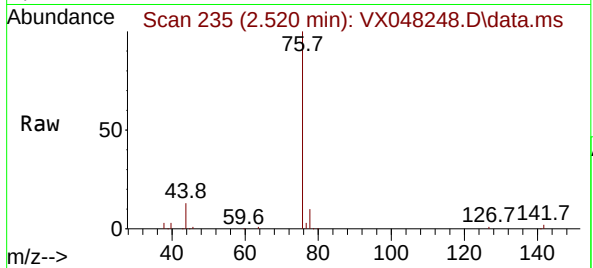
#17
Carbon Disulfide
Concen: 19.040 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 76 Resp: 8020
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

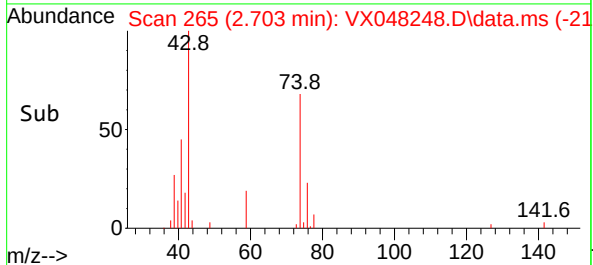
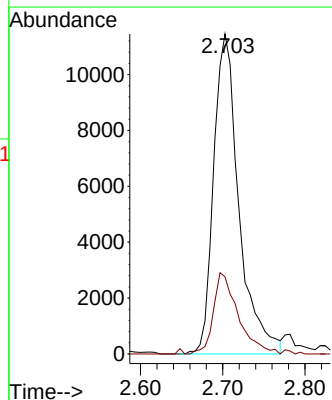
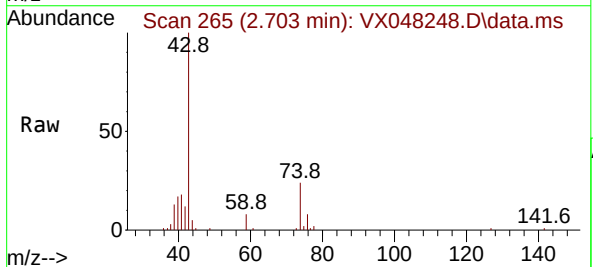
Manual Integrations
APPROVED

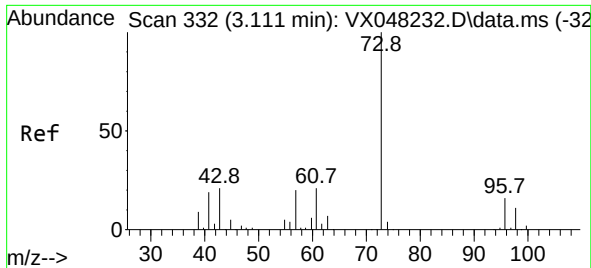
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#18
Methyl Acetate
Concen: 19.102 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 43 Resp: 24428
Ion Ratio Lower Upper
43 100
74 24.9 17.5 26.3





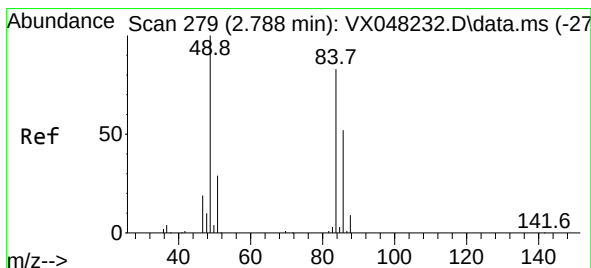
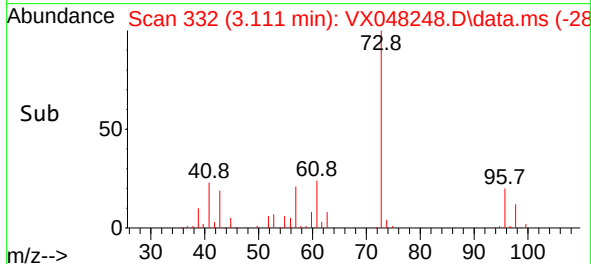
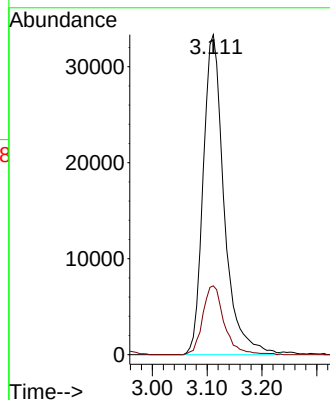
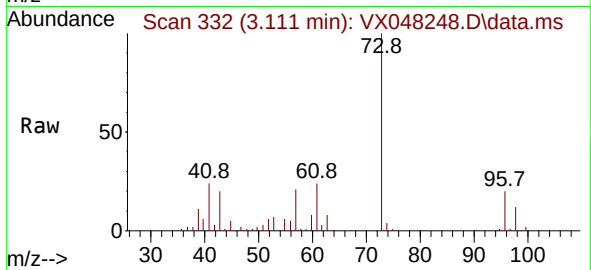
#19
Methyl tert-butyl Ether
Concen: 19.398 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 73 Resp: 88440
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

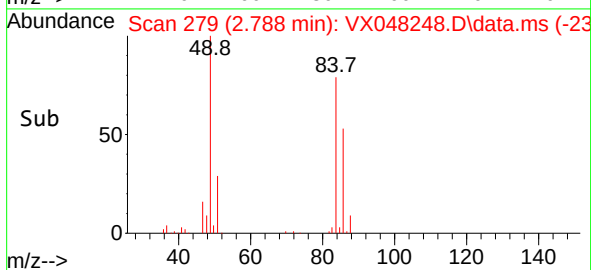
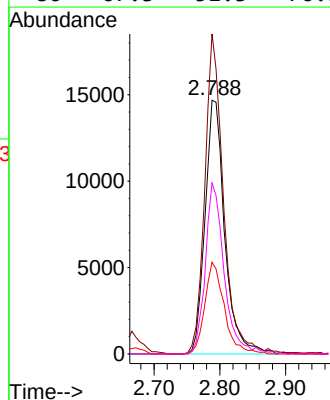
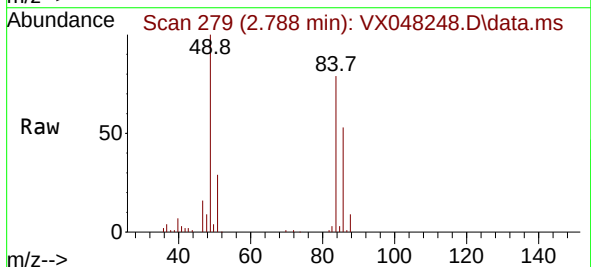
Manual Integrations
APPROVED

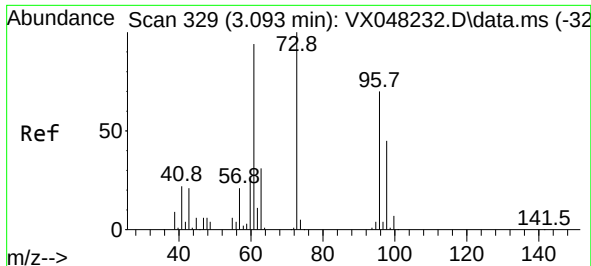
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Methylene Chloride
Concen: 20.610 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

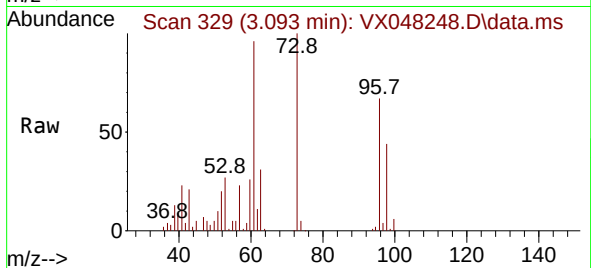
Tgt Ion: 84 Resp: 30751
Ion Ratio Lower Upper
84 100
49 126.1 104.1 156.1
51 36.1 31.3 46.9
86 67.3 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 20.309 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

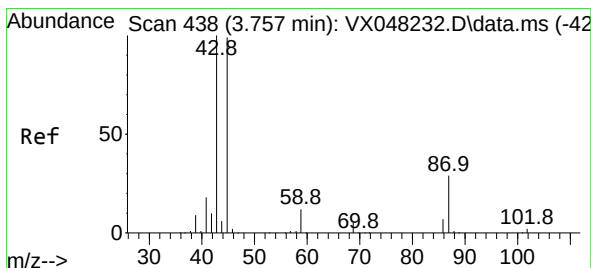
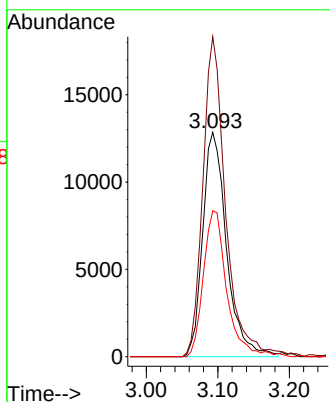
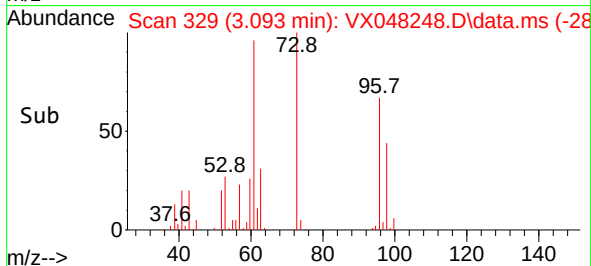
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 96 Resp: 29810
Ion Ratio Lower Upper
96 100
61 142.7 111.9 167.9
98 65.0 51.2 76.8

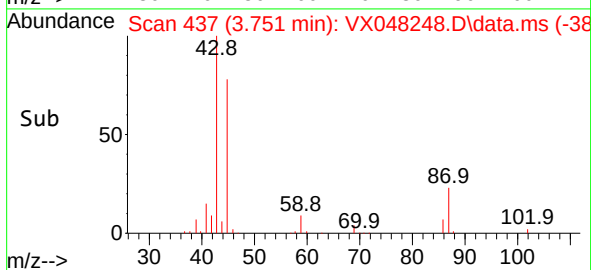
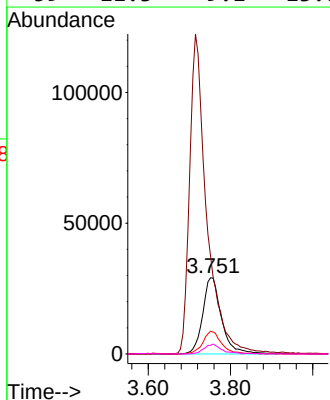
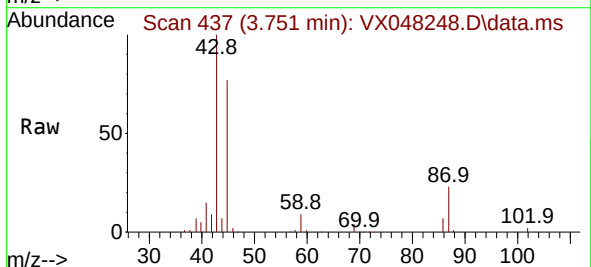
Manual Integrations
APPROVED

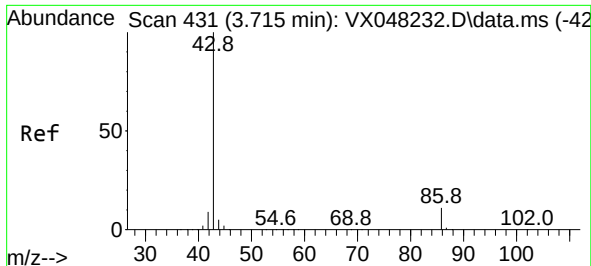
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#22
Diisopropyl ether
Concen: 20.946 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 45 Resp: 92707
Ion Ratio Lower Upper
45 100
43 127.1 89.8 134.8
87 29.8 20.6 31.0
59 11.3 9.1 13.7





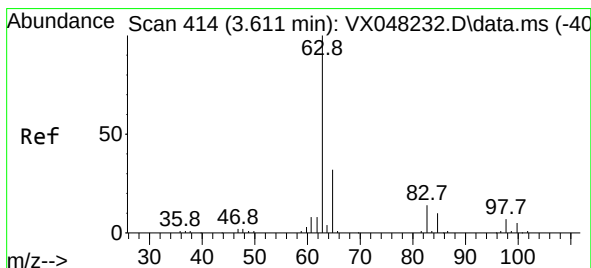
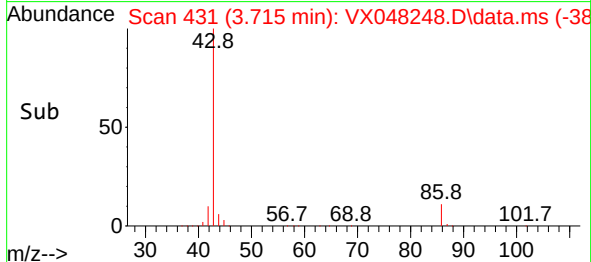
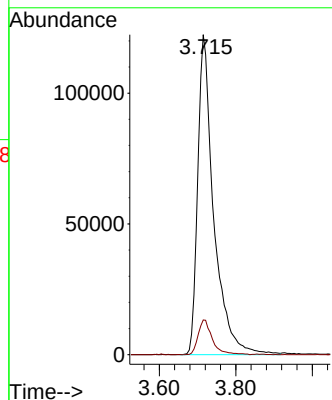
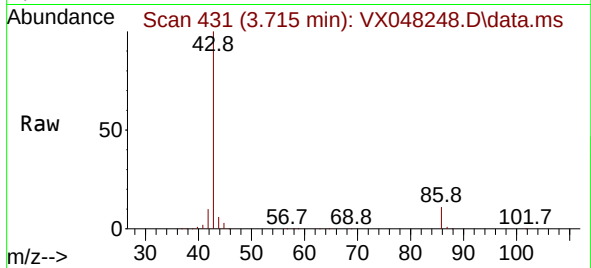
#23
 Vinyl Acetate
 Concen: 100.506 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020MBS01

Tgt Ion: 43 Resp: 35533
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.9 11.9

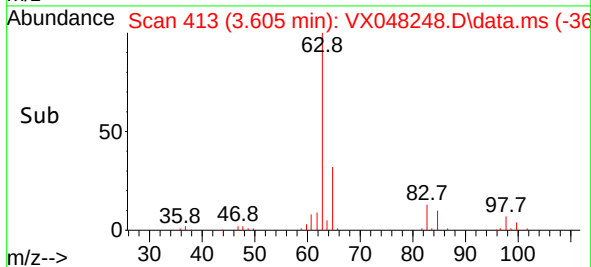
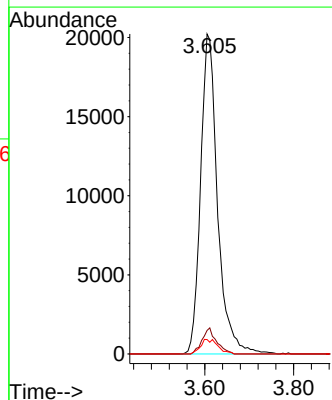
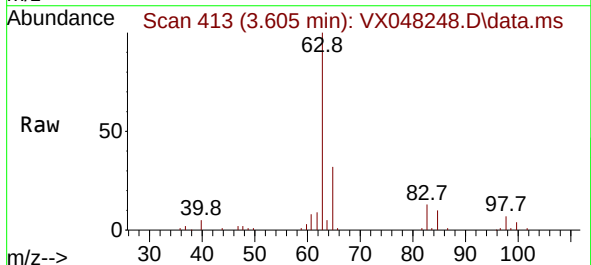
Manual Integrations
 APPROVED

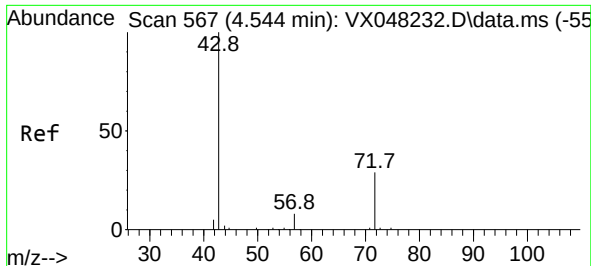
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#24
 1,1-Dichloroethane
 Concen: 20.059 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

Tgt Ion: 63 Resp: 53681
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 4.5 2.1 6.3





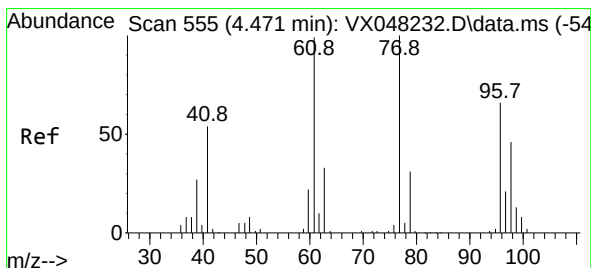
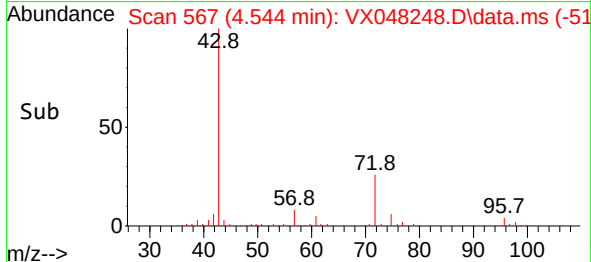
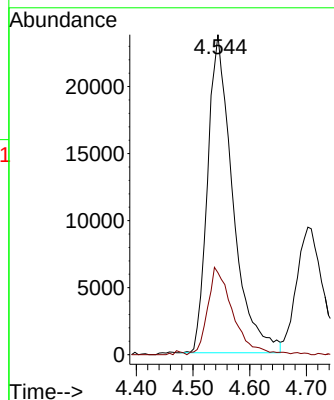
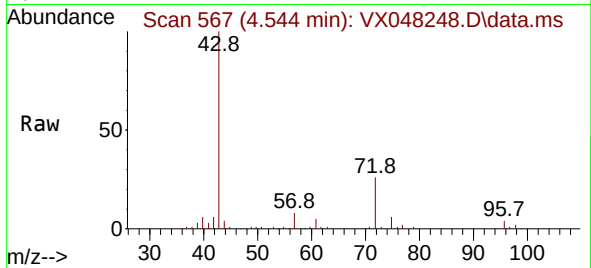
#25
2-Butanone
Concen: 94.398 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 43 Resp: 73164
Ion Ratio Lower Upper
43 100
72 25.2 19.9 29.9

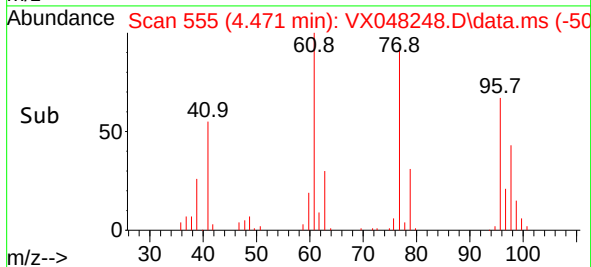
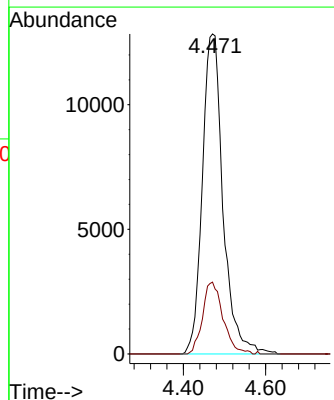
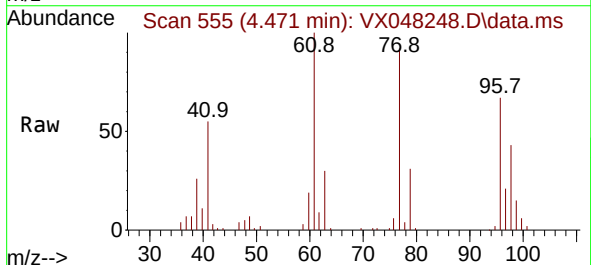
Manual Integrations
APPROVED

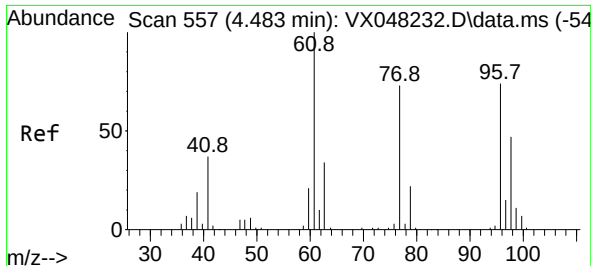
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#26
2,2-Dichloropropane
Concen: 18.551 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 77 Resp: 44812
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 20.304 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBS01

Tgt Ion: 96 Resp: 34789

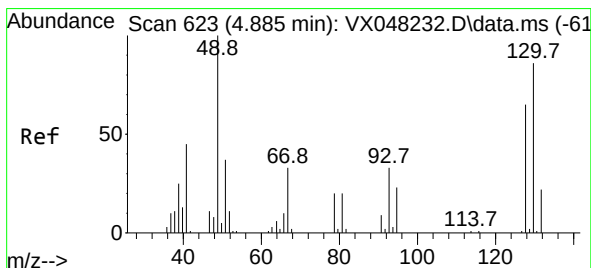
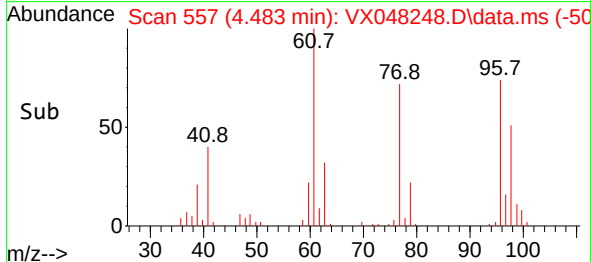
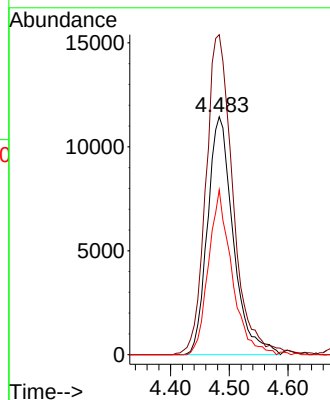
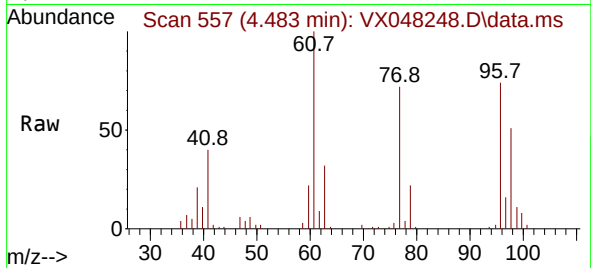
Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	294.2
98	63.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#28

Bromochloromethane

Concen: 18.217 ug/l

RT: 4.885 min Scan# 623

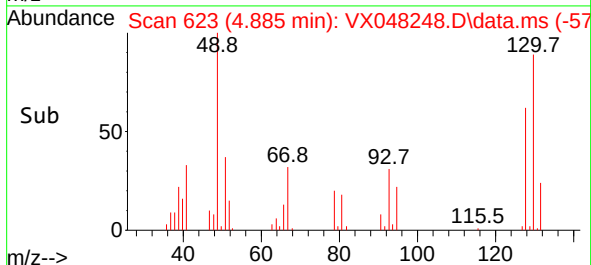
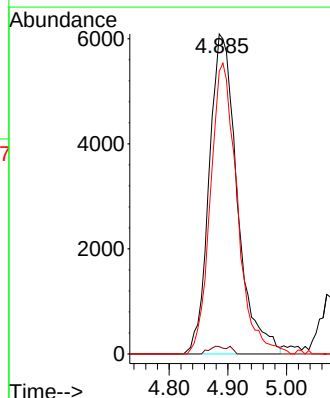
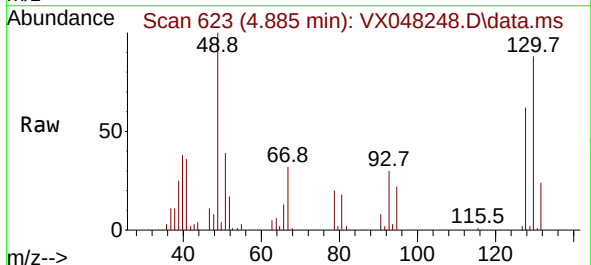
Delta R.T. -0.000 min

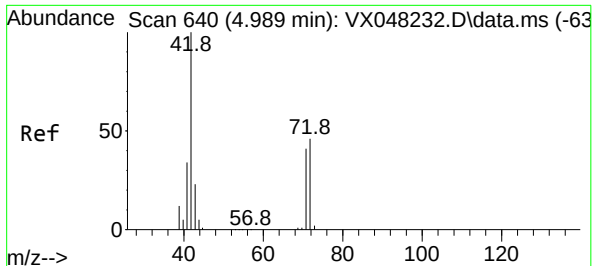
Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Tgt Ion: 49 Resp: 20215

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	86.7	59.3	88.9





#29

Tetrahydrofuran

Concen: 101.337 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBS01

Tgt Ion: 42 Resp: 47039

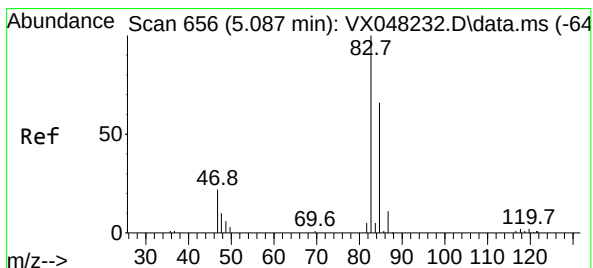
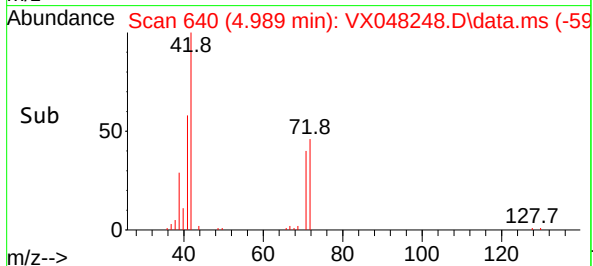
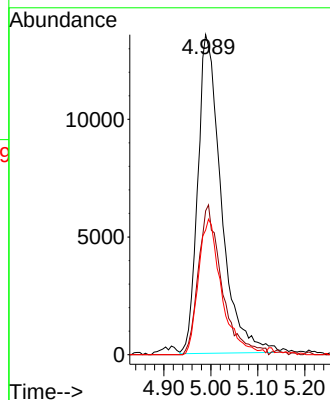
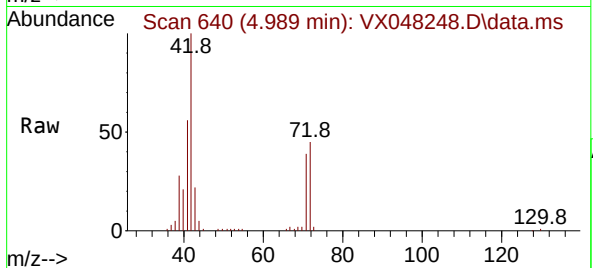
Ion	Ratio	Lower	Upper
42	100		
72	47.0	35.3	52.9
71	42.0	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#30

Chloroform

Concen: 20.362 ug/l

RT: 5.086 min Scan# 656

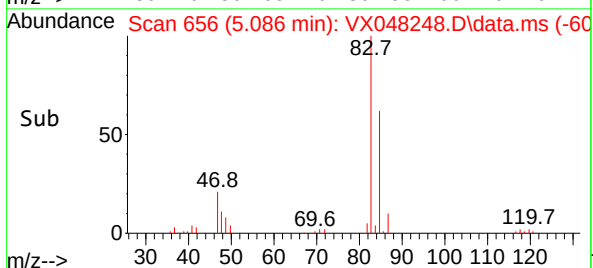
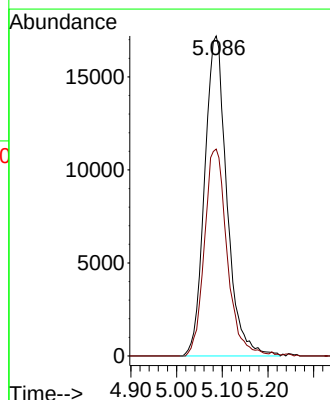
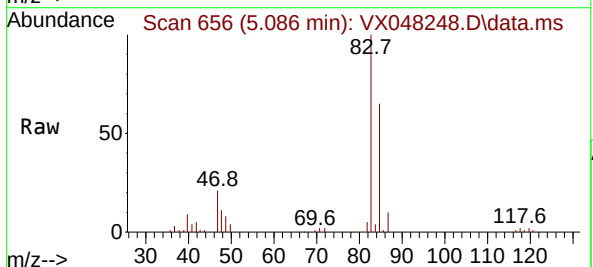
Delta R.T. 0.006 min

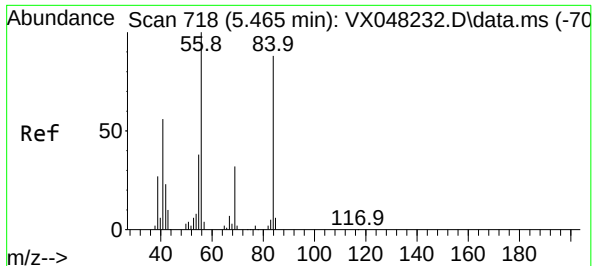
Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Tgt Ion: 83 Resp: 58220

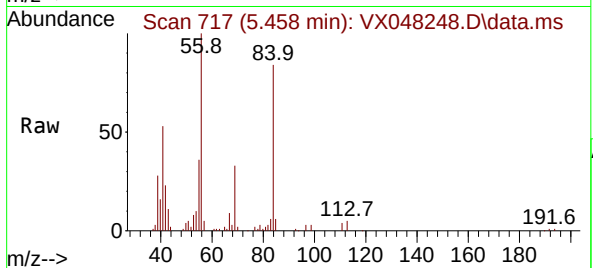
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.1	75.1





#31
Cyclohexane
Concen: 20.255 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

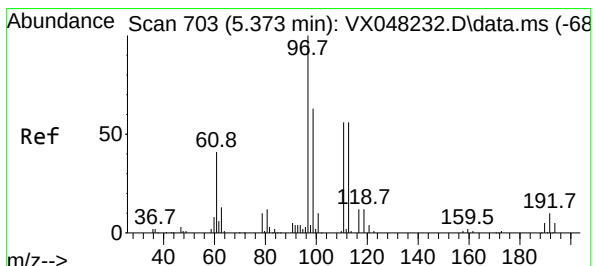
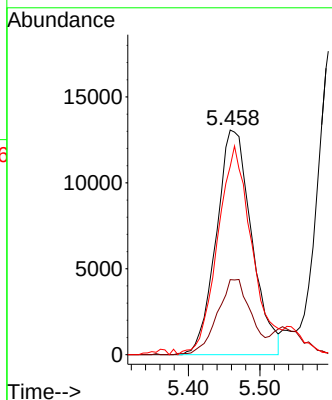
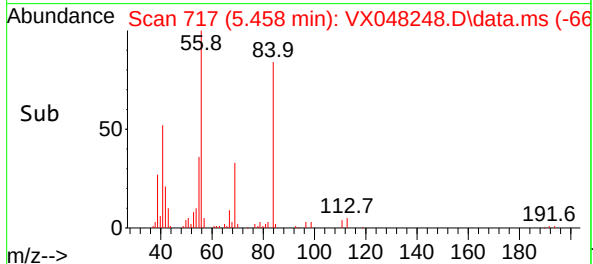
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 56 Resp: 4487
Ion Ratio Lower Upper
56 100
69 32.8 23.0 34.6
84 83.8 64.6 97.0

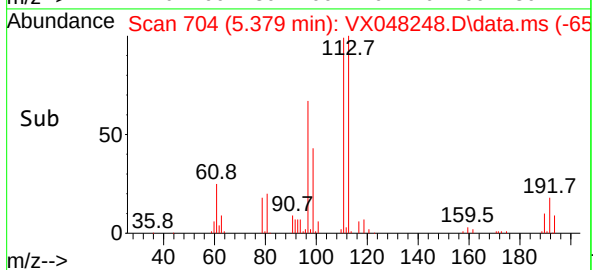
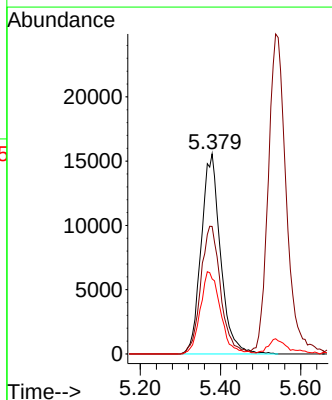
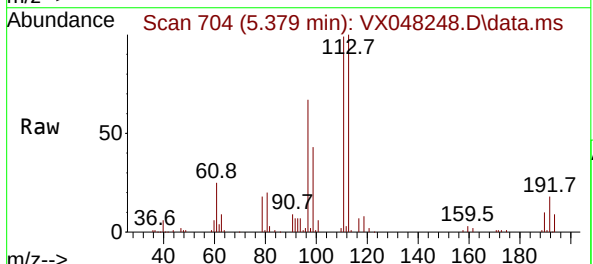
Manual Integrations
APPROVED

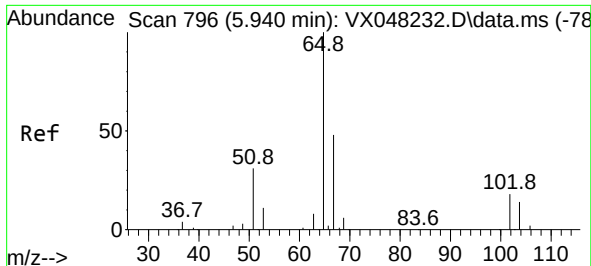
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#32
1,1,1-Trichloroethane
Concen: 19.703 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 97 Resp: 51919
Ion Ratio Lower Upper
97 100
99 65.7 51.7 77.5
61 43.0 34.8 52.2





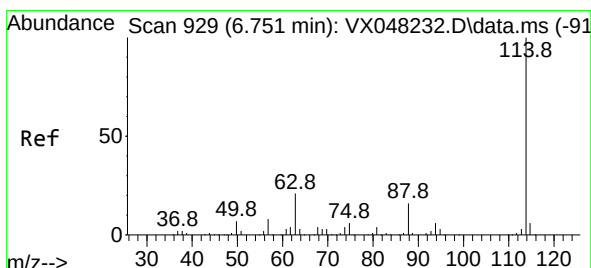
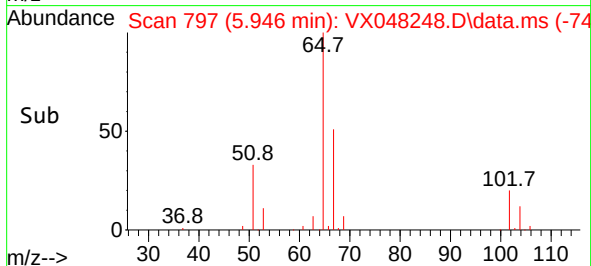
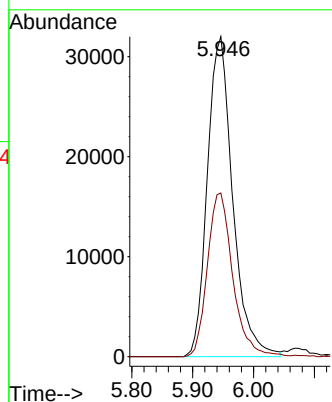
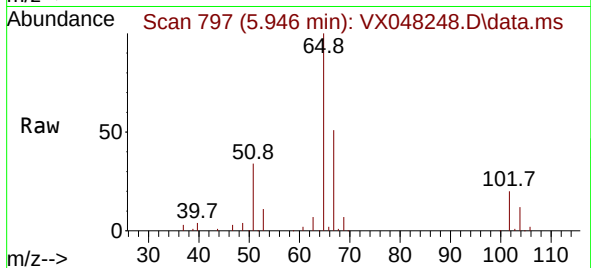
#33
 1,2-Dichloroethane-d4
 Concen: 51.892 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020MBS01

Tgt Ion: 65 Resp: 92624
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.0

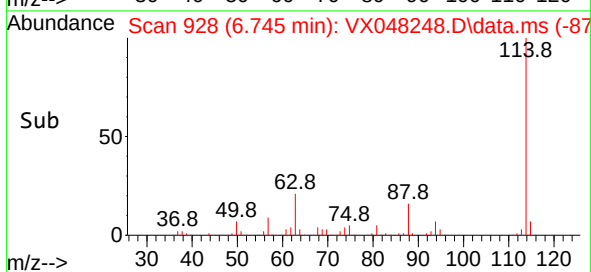
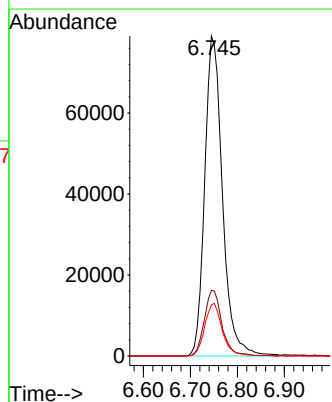
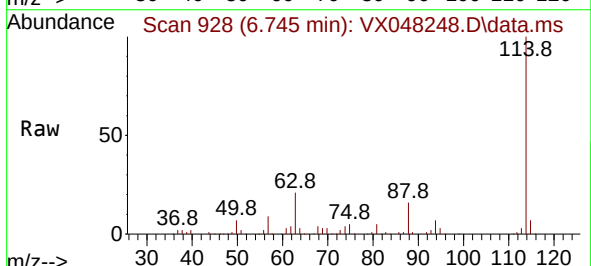
Manual Integrations
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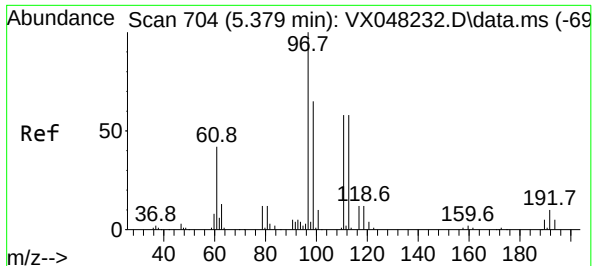
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

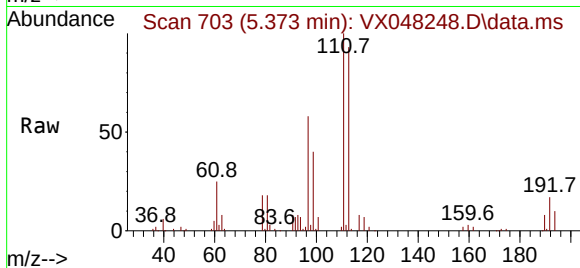
Tgt Ion:114 Resp: 206948
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 15.9 0.0 33.6





#35
Dibromofluoromethane
Concen: 53.498 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

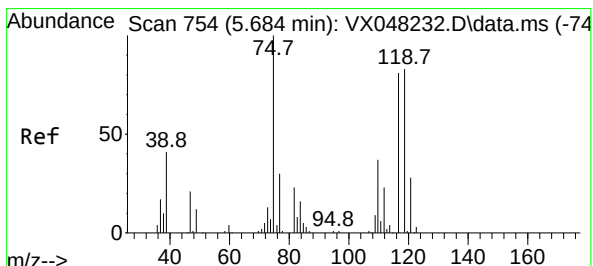
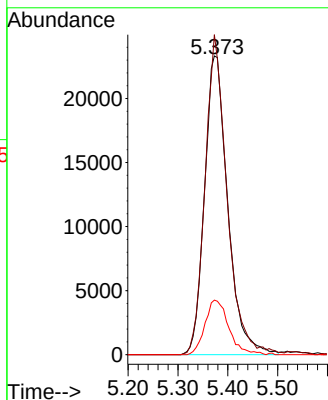
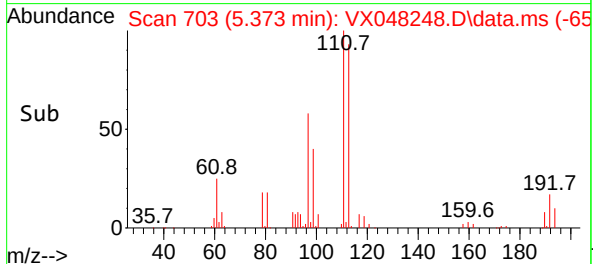
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 113 Resp: 7558
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.7 15.1 22.7

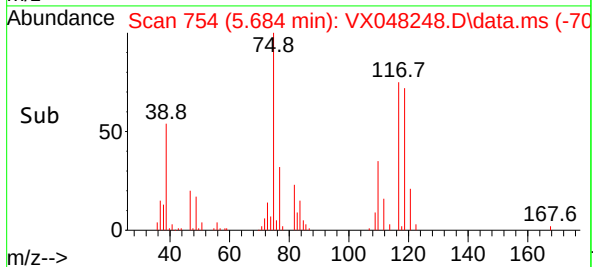
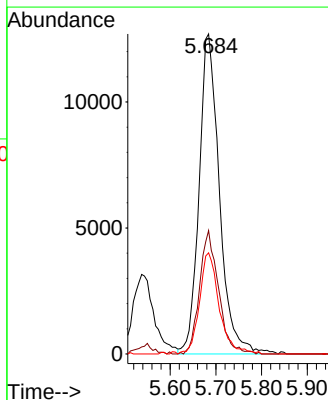
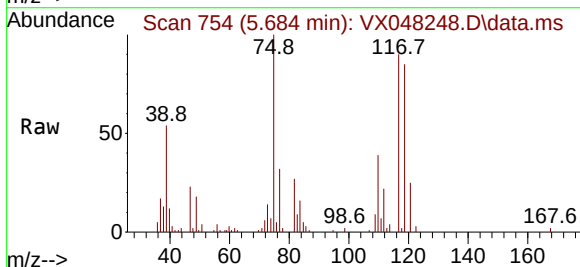
Manual Integrations
APPROVED

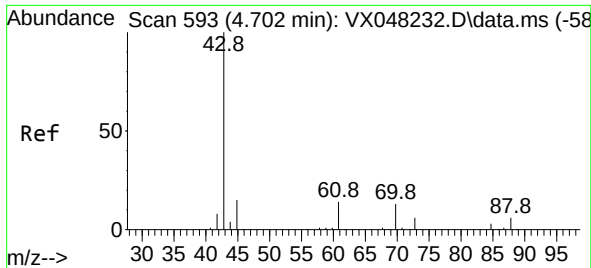
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#36
1,1-Dichloropropene
Concen: 19.612 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 75 Resp: 39382
Ion Ratio Lower Upper
75 100
110 35.9 17.7 53.1
77 30.5 24.3 36.5





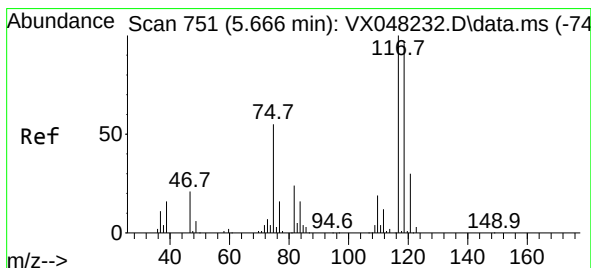
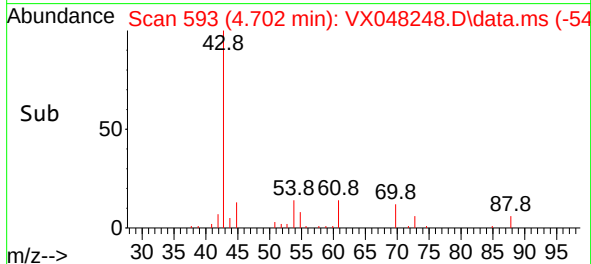
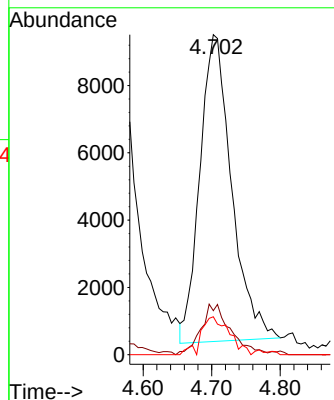
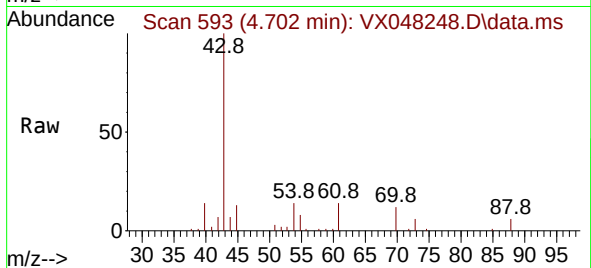
#37
Ethyl Acetate
Concen: 17.632 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 43 Resp: 2934
Ion Ratio Lower Upper
43 100
61 15.3 10.6 15.8
70 11.1 7.8 11.6

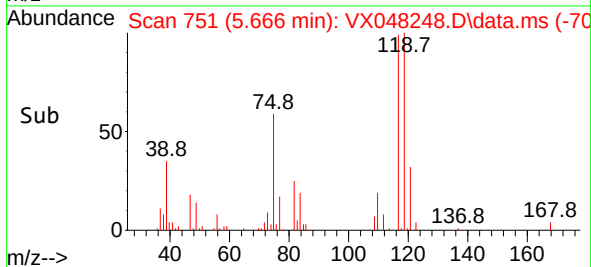
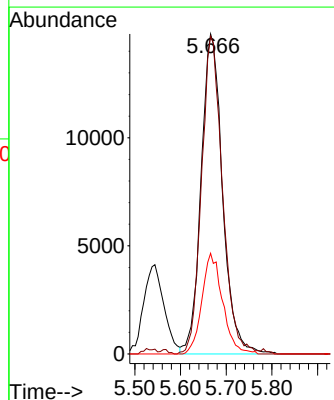
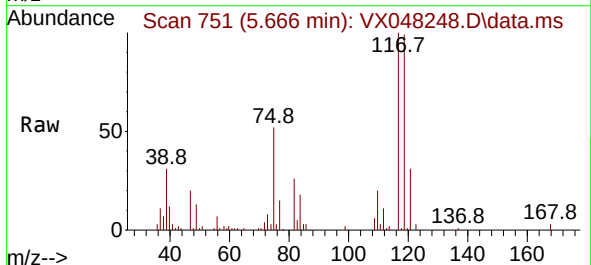
Manual Integrations
APPROVED

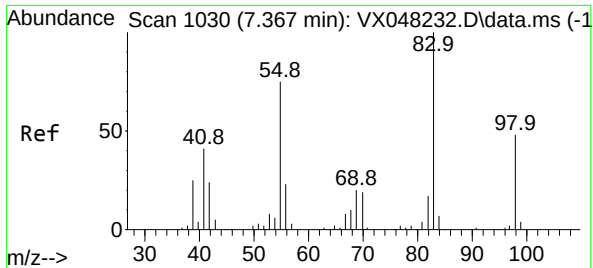
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#38
Carbon Tetrachloride
Concen: 19.468 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion:117 Resp: 48230
Ion Ratio Lower Upper
117 100
119 99.3 77.2 115.8
121 31.4 24.8 37.2





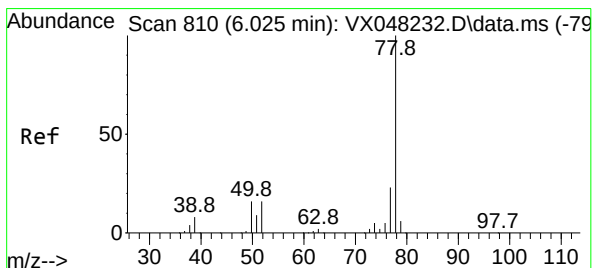
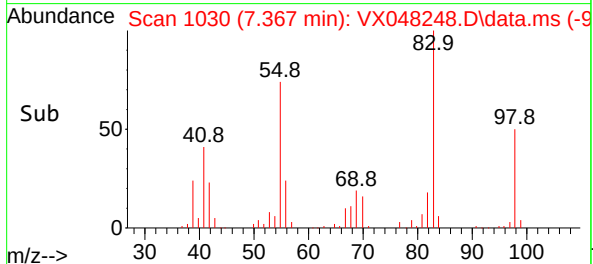
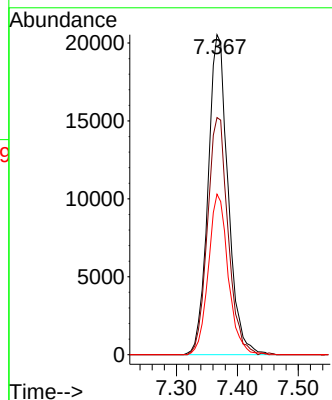
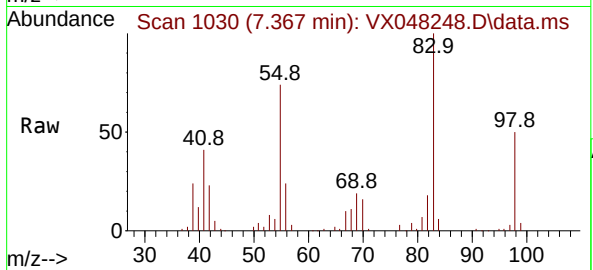
#39
Methylcyclohexane
Concen: 19.769 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 83 Resp: 4688
Ion Ratio Lower Upper
83 100
55 74.1 66.2 99.2
98 50.1 38.9 58.3

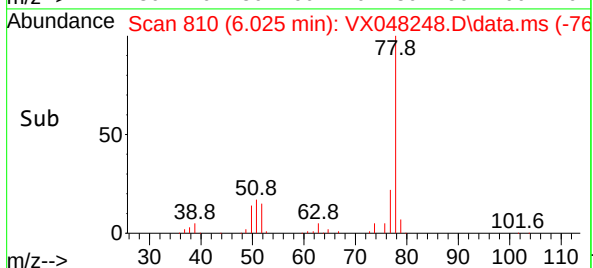
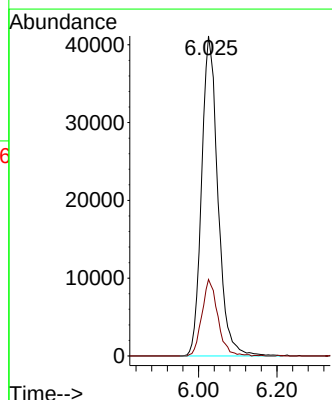
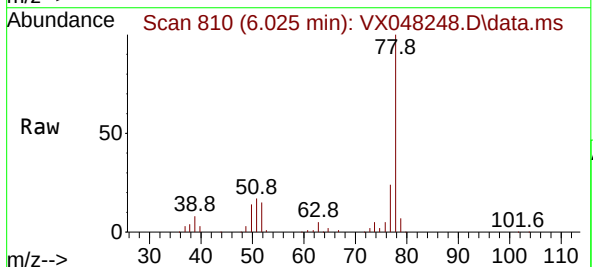
Manual Integrations
APPROVED

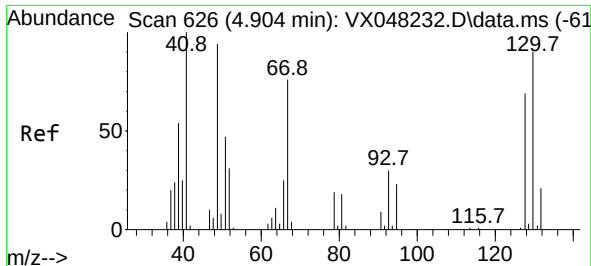
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#40
Benzene
Concen: 20.407 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

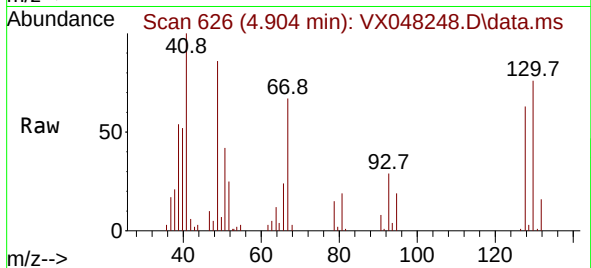
Tgt Ion: 78 Resp: 118974
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 19.221 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

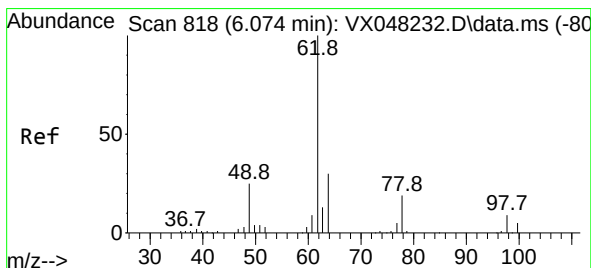
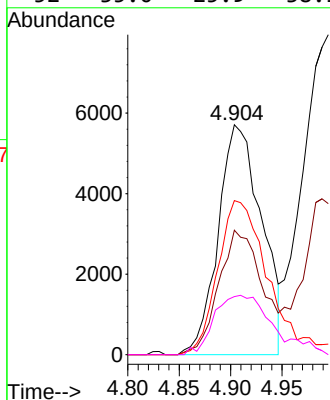
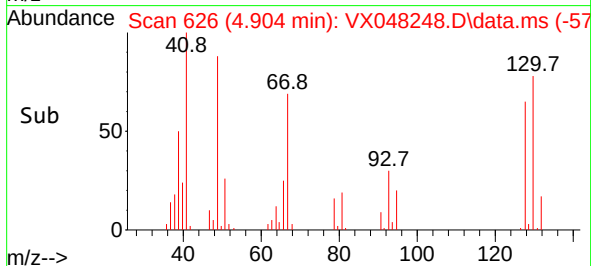
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 41 Resp: 1680
Ion Ratio Lower Upper
41 100
39 54.1 44.0 66.0
67 78.7 58.7 88.1
52 35.0 25.9 38.9

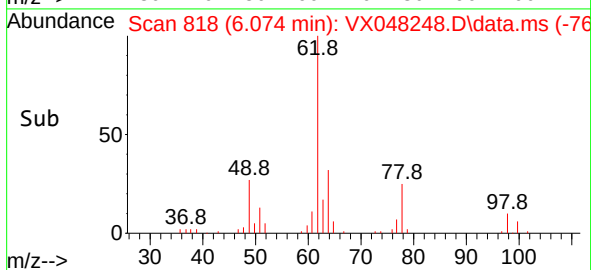
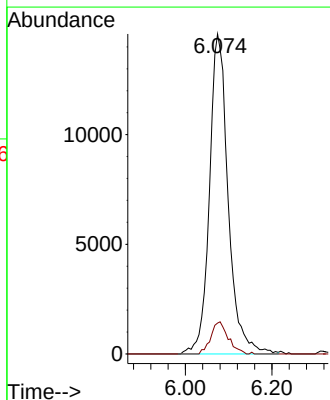
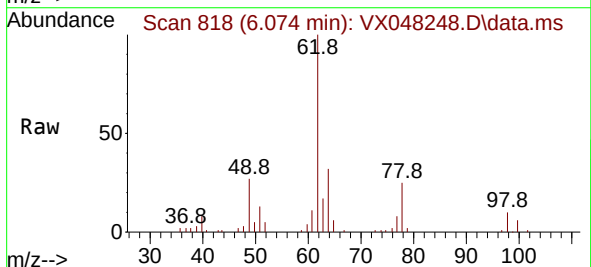
Manual Integrations
APPROVED

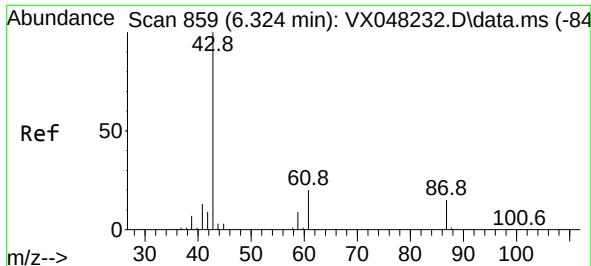
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
1,2-Dichloroethane
Concen: 20.391 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

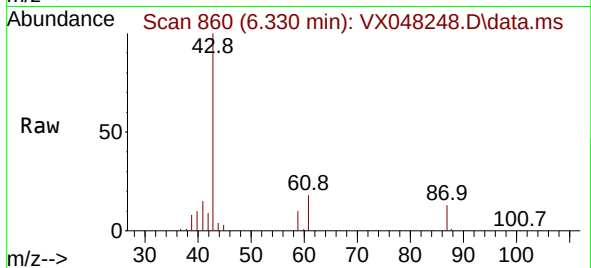
Tgt Ion: 62 Resp: 43869
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.2





#43
Isopropyl Acetate
Concen: 19.780 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

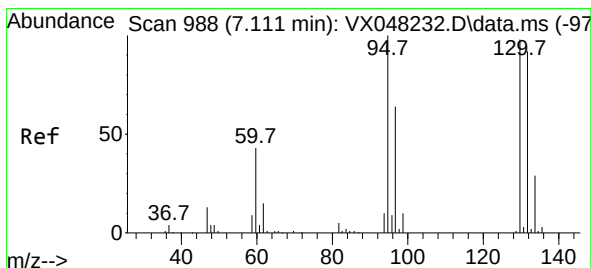
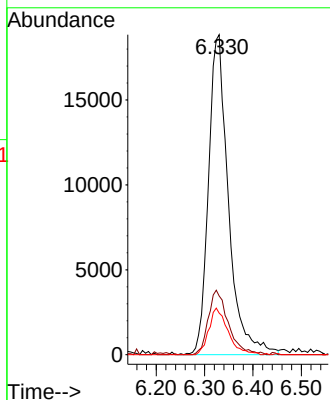
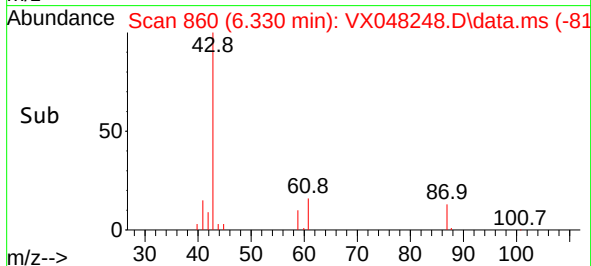
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 43 Resp: 54080
Ion Ratio Lower Upper
43 100
61 20.2 14.9 22.3
87 13.9 9.4 14.2

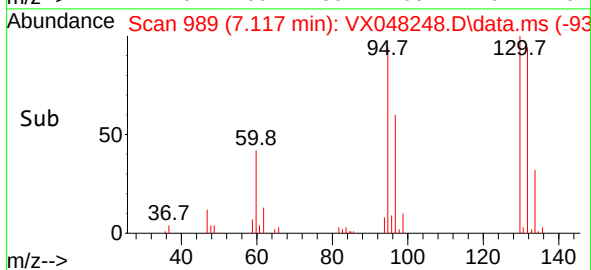
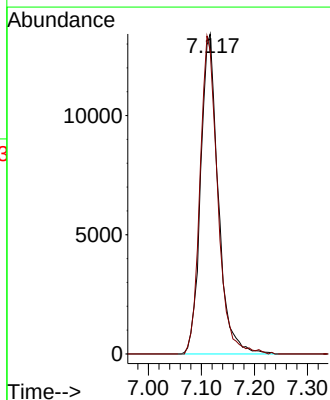
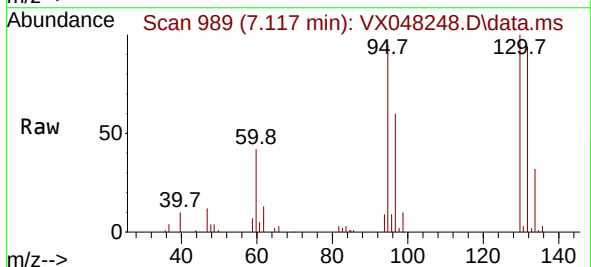
Manual Integrations
APPROVED

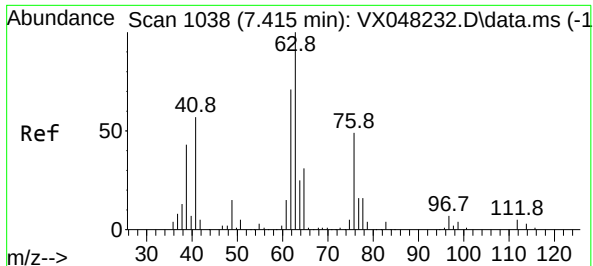
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Trichloroethene
Concen: 20.146 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion:130 Resp: 31014
Ion Ratio Lower Upper
130 100
95 94.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 20.826 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBS01

Tgt Ion: 63 Resp: 2886

Ion Ratio Lower Upper

63 100

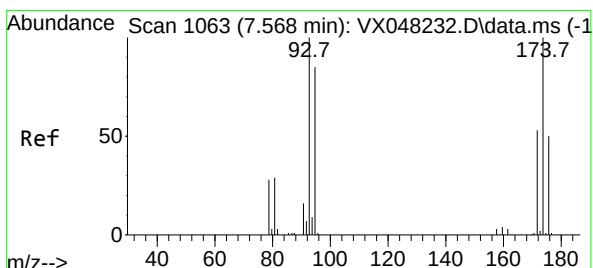
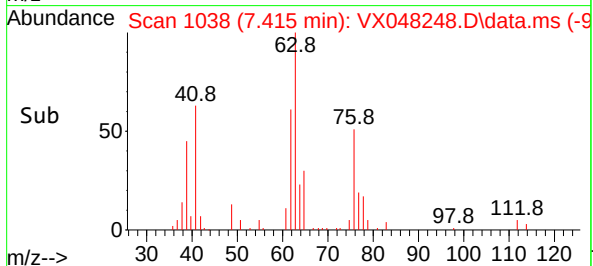
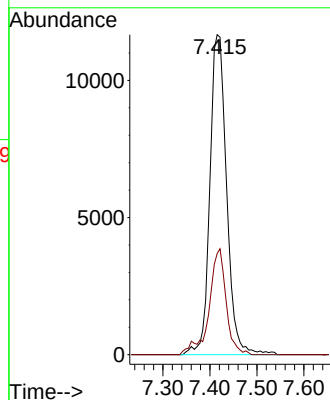
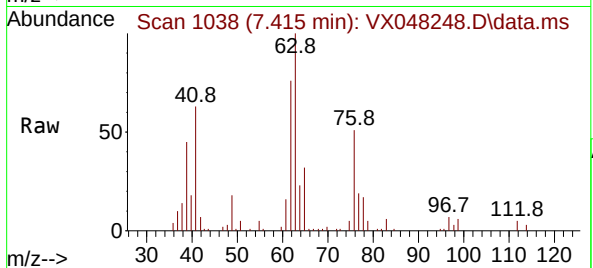
65 31.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#46

Dibromomethane

Concen: 20.101 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

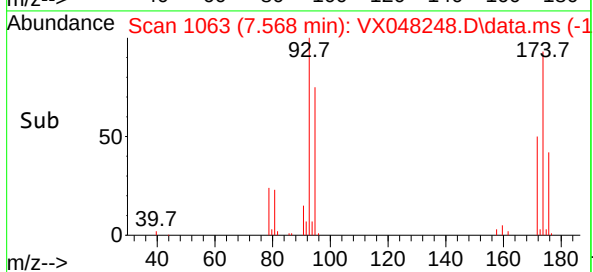
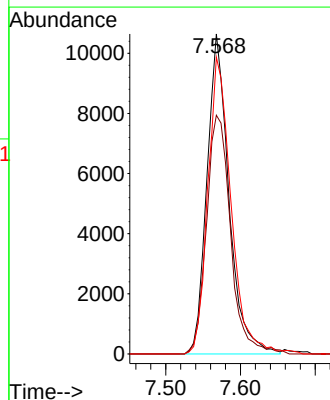
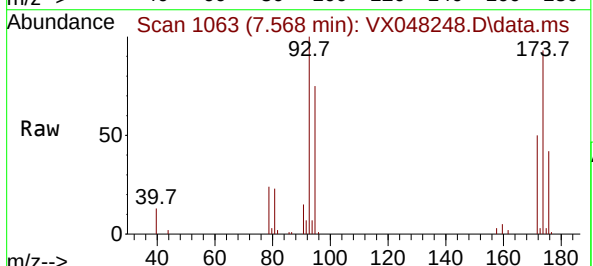
Tgt Ion: 93 Resp: 21707

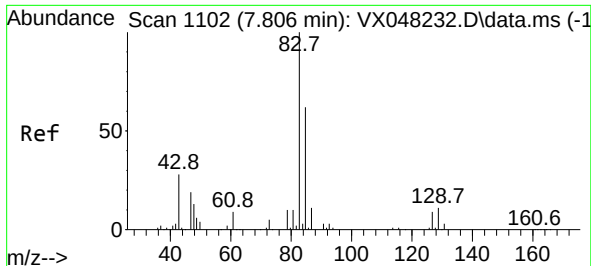
Ion Ratio Lower Upper

93 100

95 82.1 65.9 98.9

174 97.8 71.7 107.5





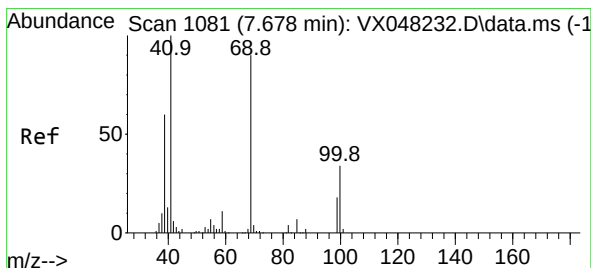
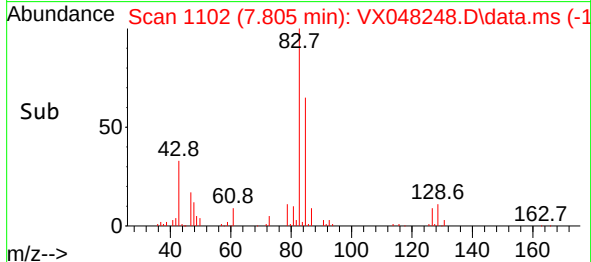
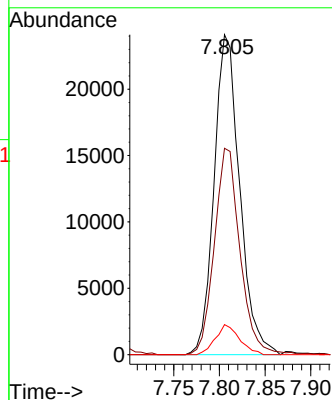
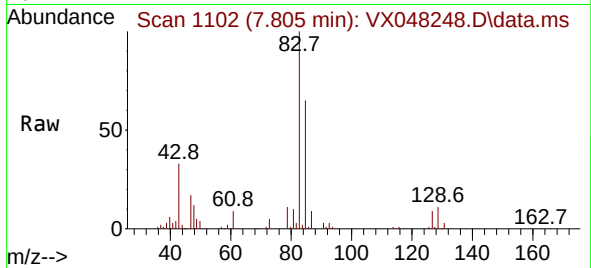
#47
Bromodichloromethane
Concen: 20.089 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 83 Resp: 4684
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 10.4 7.3 10.9

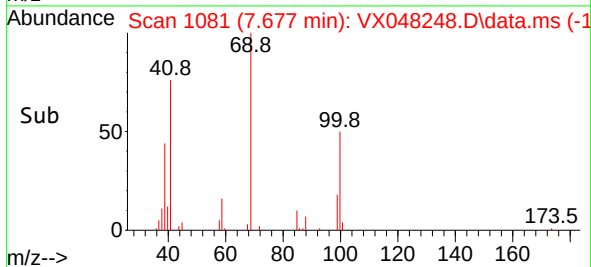
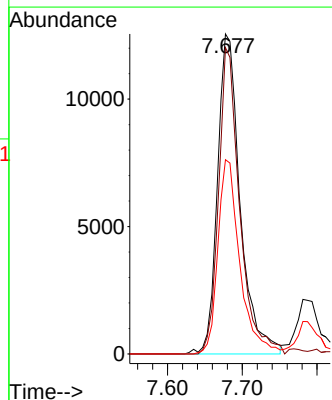
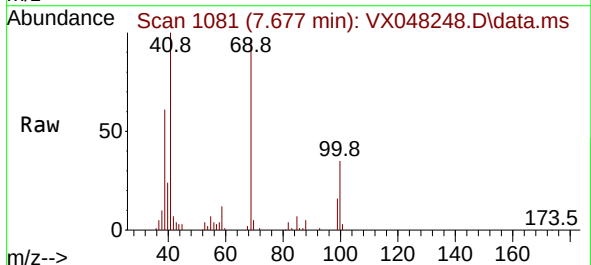
Manual Integrations
APPROVED

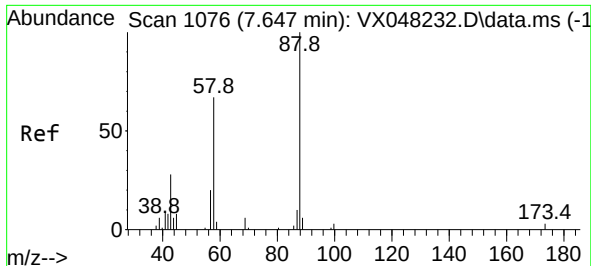
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#48
Methyl methacrylate
Concen: 19.209 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

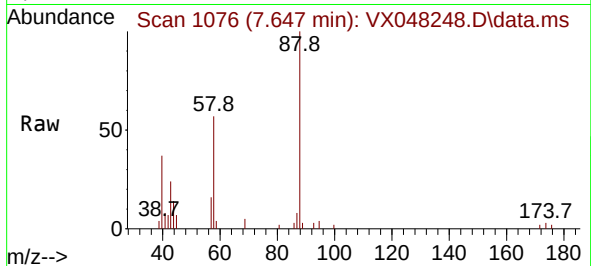
Tgt Ion: 41 Resp: 26501
Ion Ratio Lower Upper
41 100
69 89.2 63.4 95.0
39 58.8 47.1 70.7





#49
1,4-Dioxane
Concen: 394.314 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

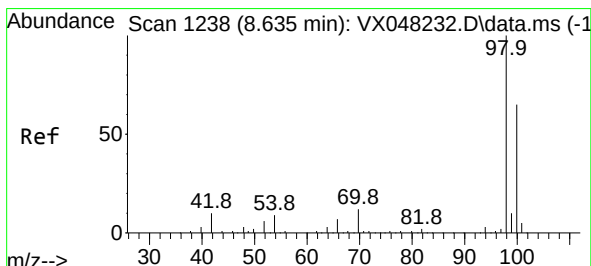
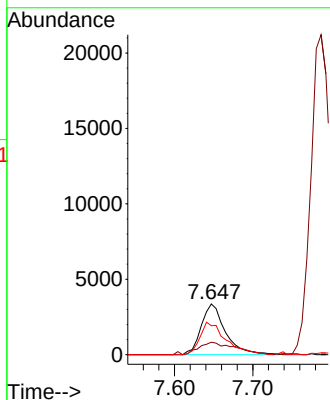
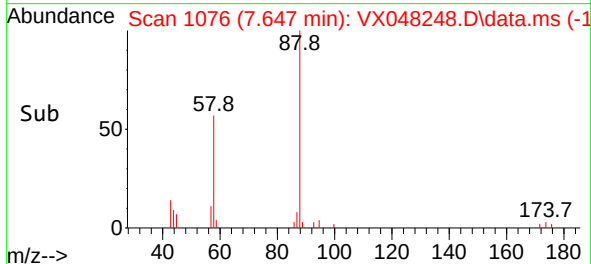
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 88 Resp: 718
Ion Ratio Lower Upper
88 100
43 37.4 35.0 52.4
58 68.2 61.9 92.9

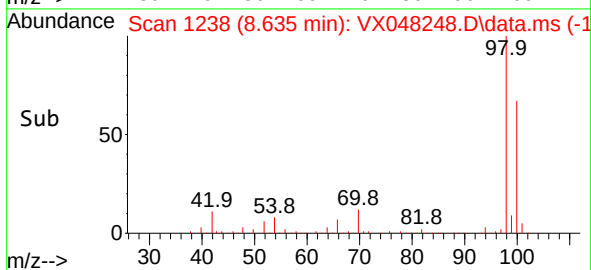
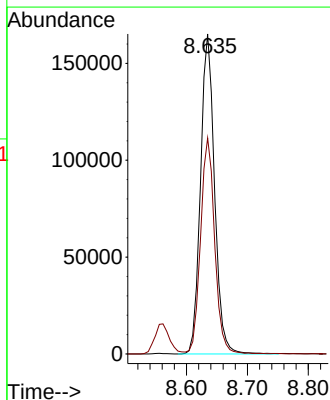
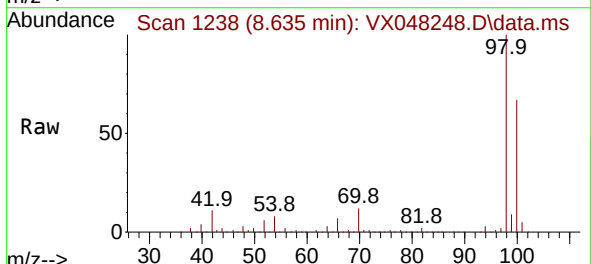
Manual Integrations
APPROVED

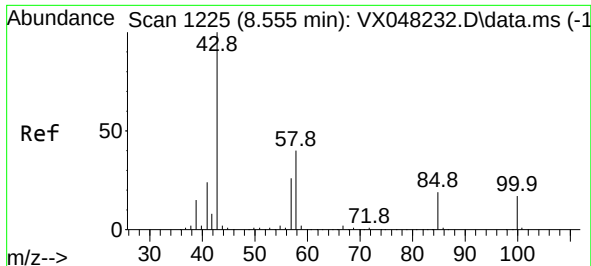
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#50
Toluene-d8
Concen: 53.453 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 98 Resp: 264704
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.4





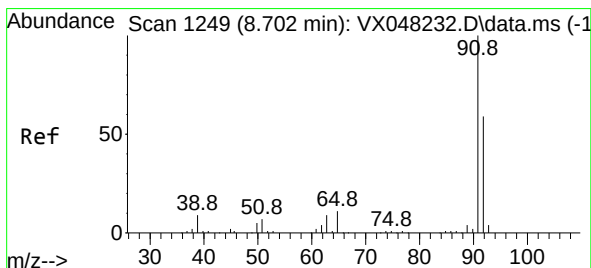
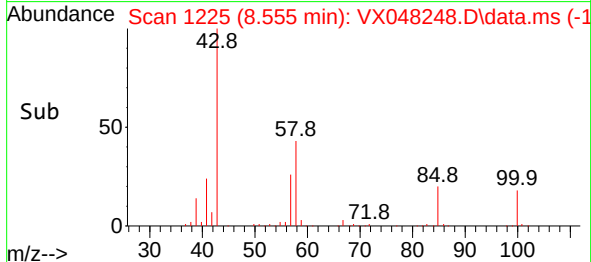
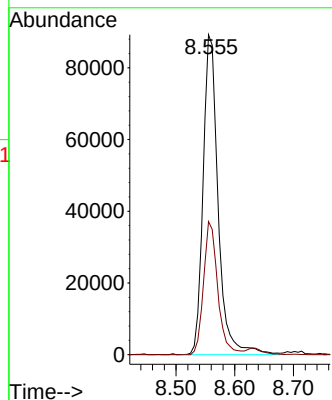
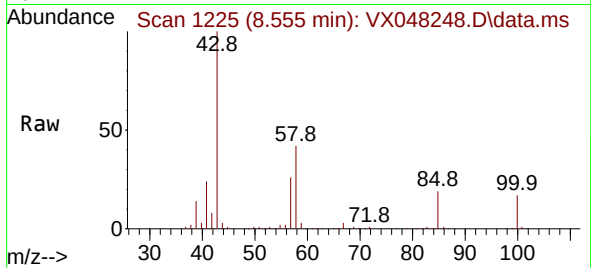
#51
4-Methyl-2-Pentanone
Concen: 100.880 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 43 Resp: 15902
Ion Ratio Lower Upper
43 100
58 39.5 29.5 44.3

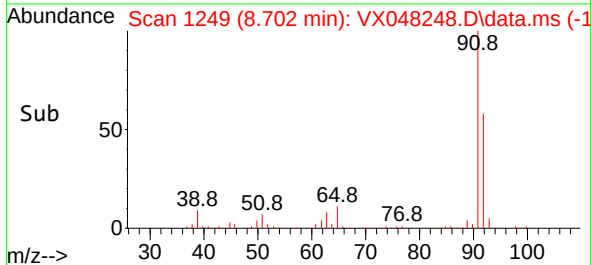
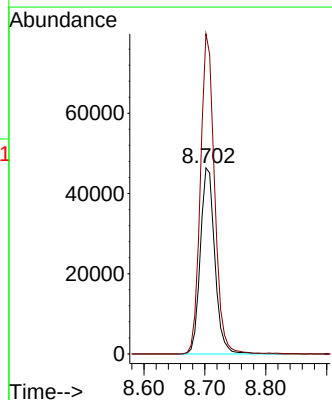
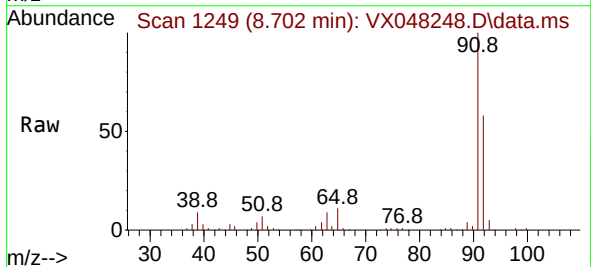
Manual Integrations
APPROVED

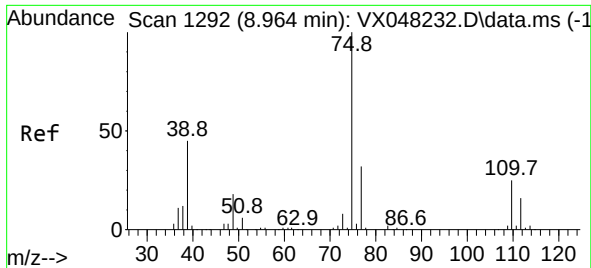
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
Toluene
Concen: 20.695 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 92 Resp: 76649
Ion Ratio Lower Upper
92 100
91 167.7 136.1 204.1





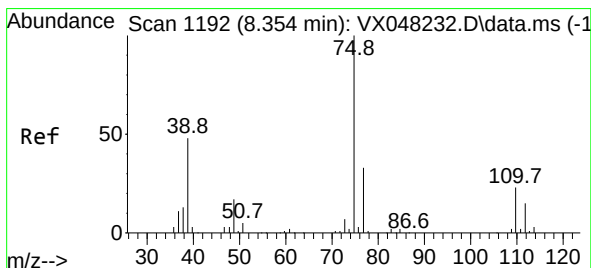
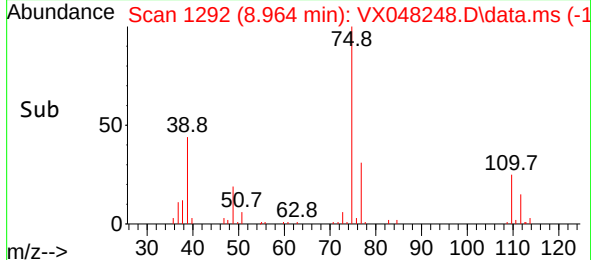
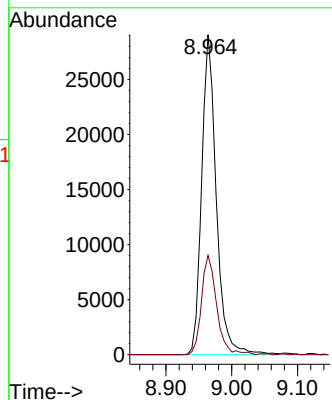
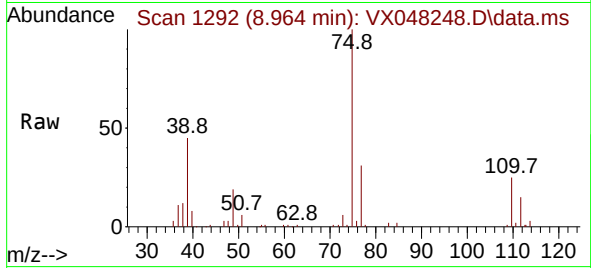
#53
 t-1,3-Dichloropropene
 Concen: 19.995 ug/l
 RT: 8.964 min Scan# 1292
 Delta R.T. -0.000 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020MBS01

Tgt Ion: 75 Resp: 44929
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6

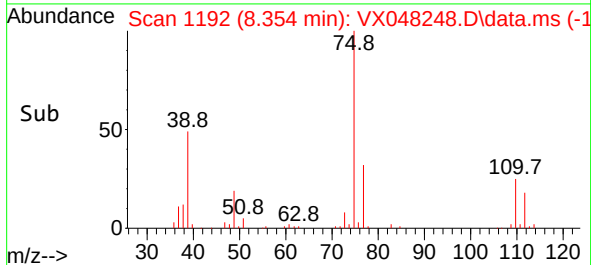
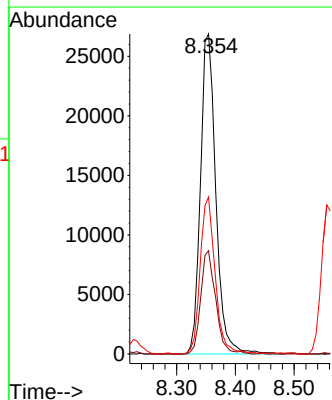
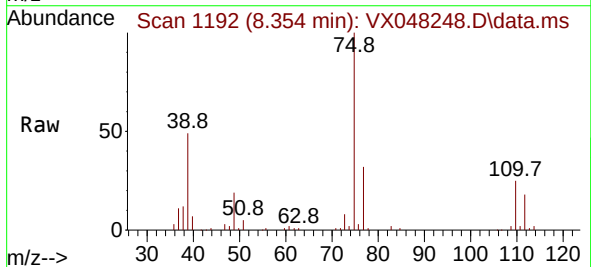
Manual Integrations
 APPROVED

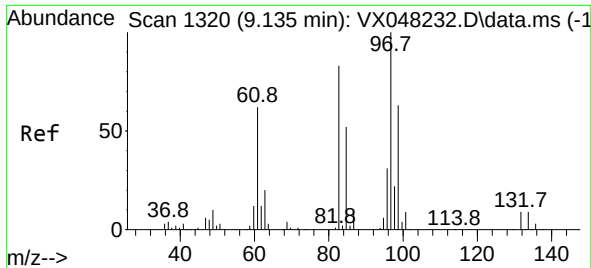
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#54
 cis-1,3-Dichloropropene
 Concen: 20.175 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. 0.006 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

Tgt Ion: 75 Resp: 48910
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.9 37.3
 39 49.0 42.6 64.0





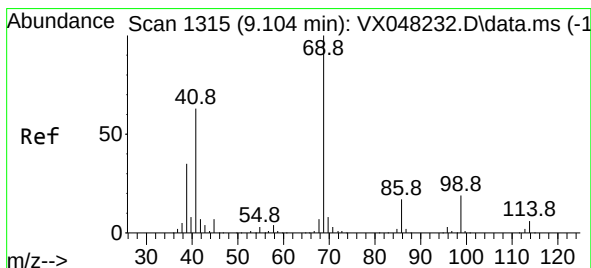
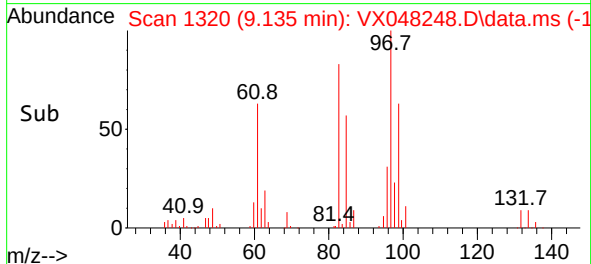
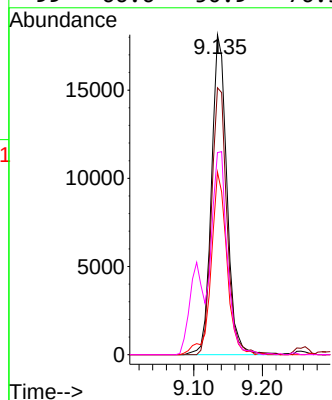
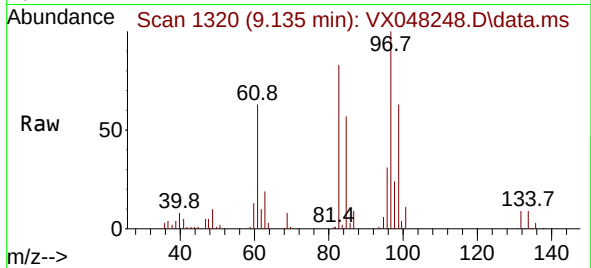
#55
1,1,2-Trichloroethane
Concen: 20.634 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.6	105.8
85	57.0	45.0	67.6
99	66.6	50.9	76.3

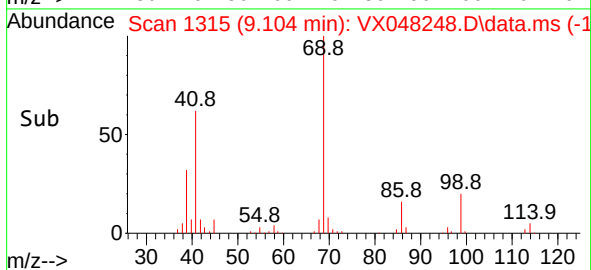
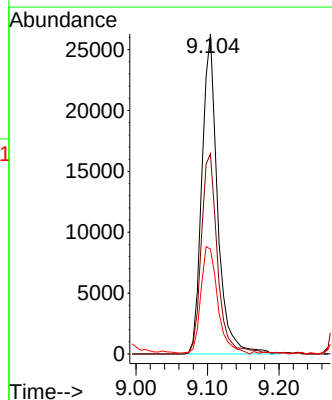
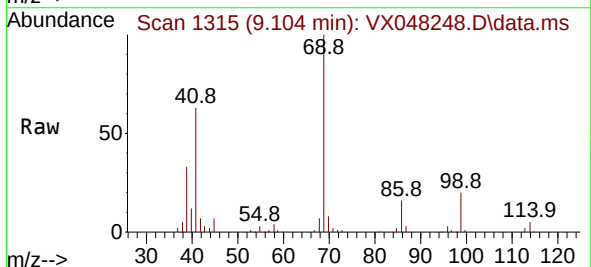
Manual Integrations
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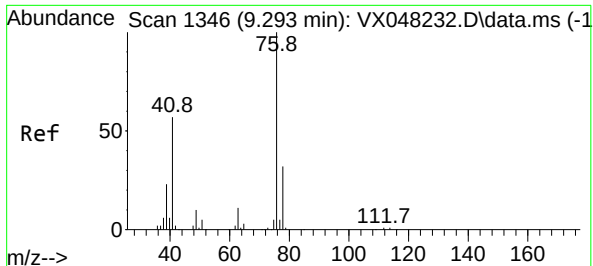
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Ethyl methacrylate
Concen: 19.834 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.6	56.0	84.0
39	36.5	31.6	47.4





#57

1,3-Dichloropropane

Concen: 20.369 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. -0.000 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBS01

Tgt Ion: 76 Resp: 4792

Ion Ratio Lower Upper

76 100

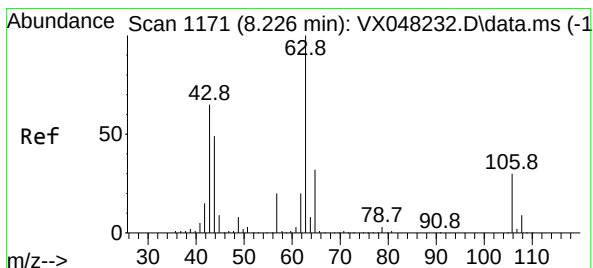
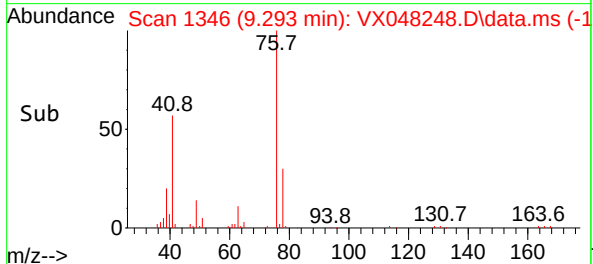
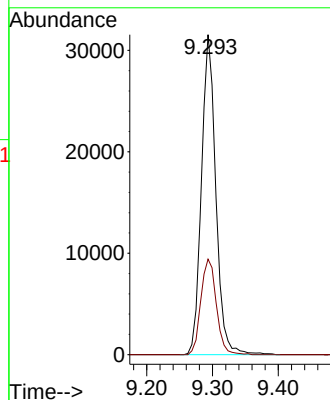
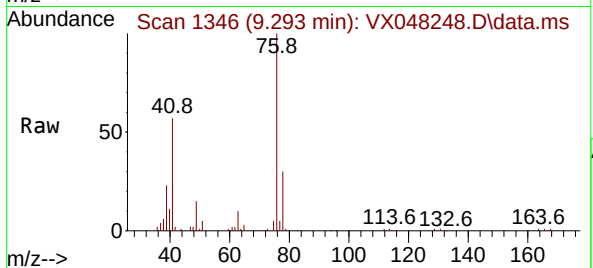
78 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 84.637 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048248.D

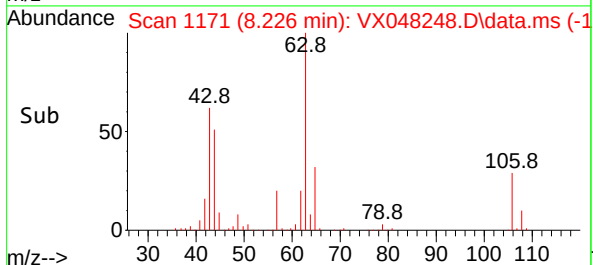
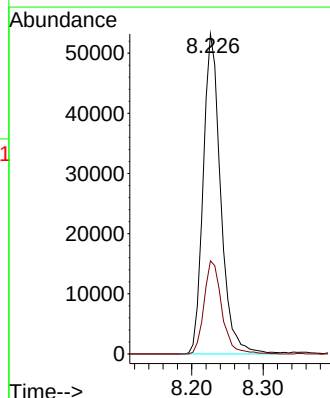
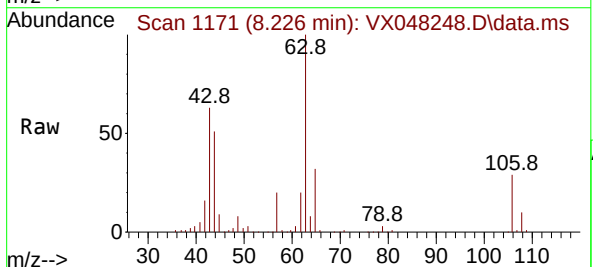
Acq: 20 Oct 2025 18:43

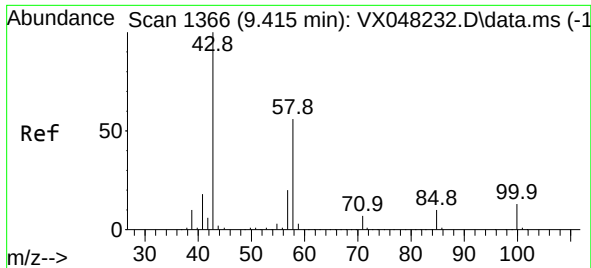
Tgt Ion: 63 Resp: 90460

Ion Ratio Lower Upper

63 100

106 29.5 22.2 33.2





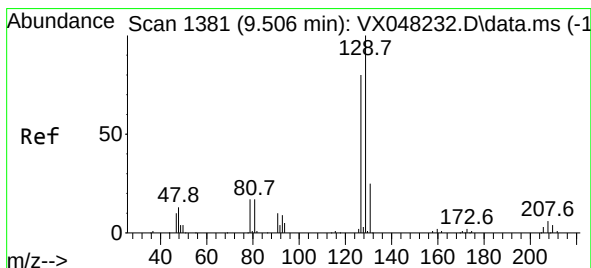
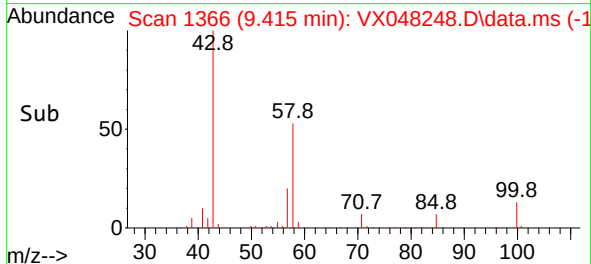
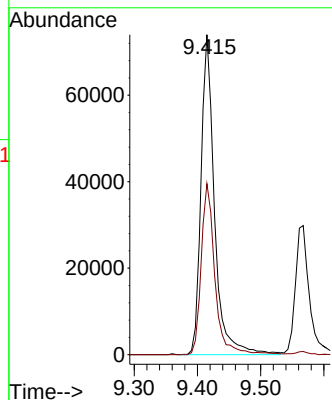
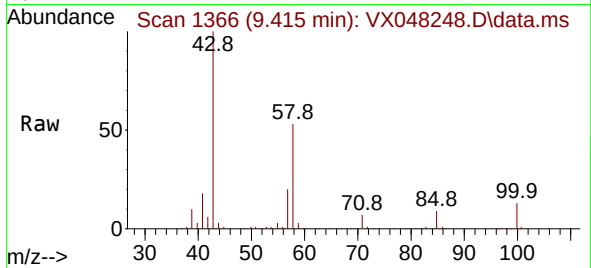
#59
2-Hexanone
Concen: 100.269 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 43 Resp: 11021
Ion Ratio Lower Upper
43 100
58 54.4 26.3 78.8

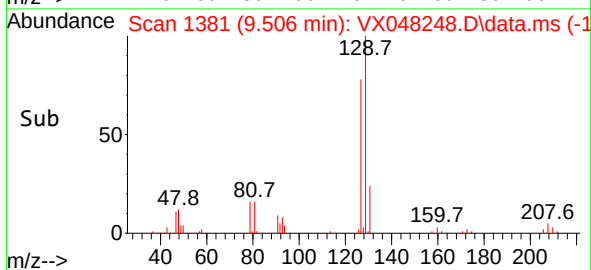
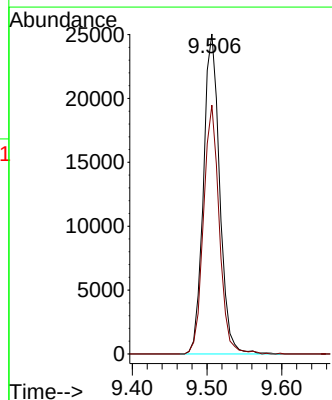
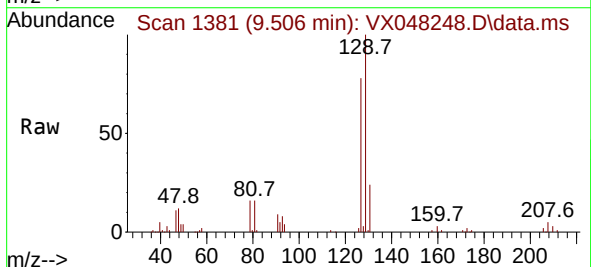
Manual Integrations
APPROVED

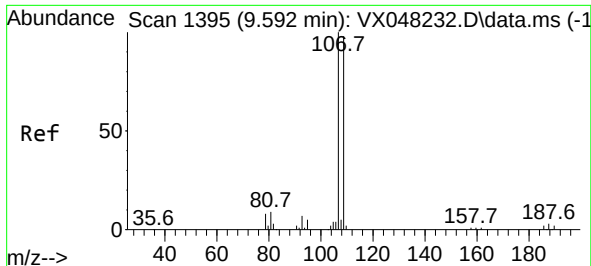
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#60
Dibromochloromethane
Concen: 20.404 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

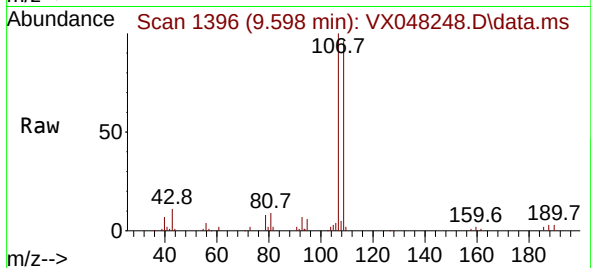
Tgt Ion:129 Resp: 37774
Ion Ratio Lower Upper
129 100
127 75.7 38.6 115.7





#61
1,2-Dibromoethane
Concen: 20.413 ug/l
RT: 9.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

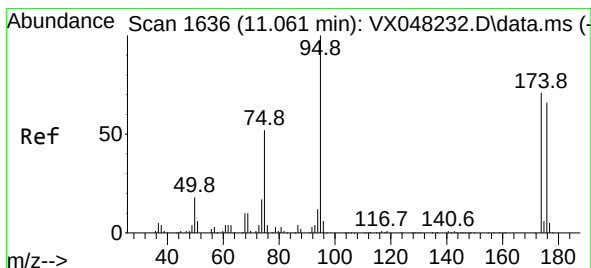
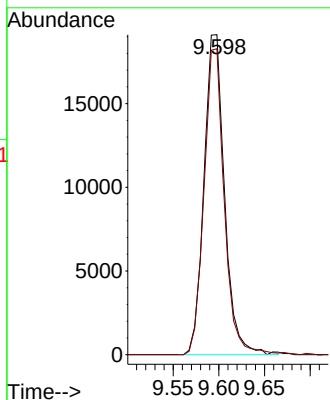
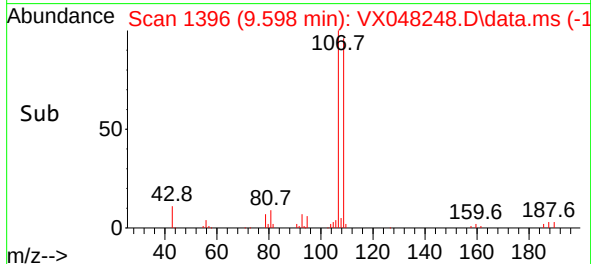
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion:107 Resp: 29974
Ion Ratio Lower Upper
107 100
109 94.3 77.0 115.4

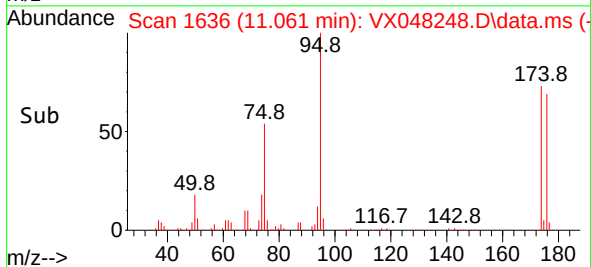
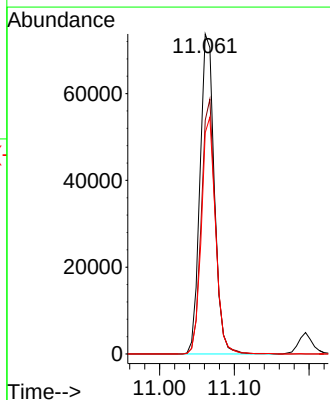
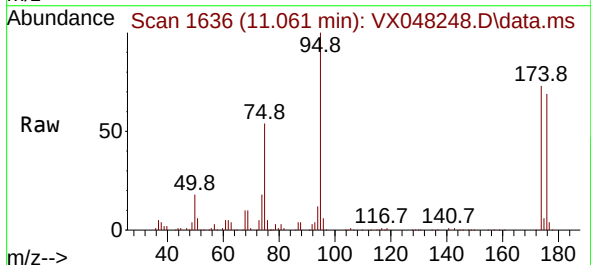
Manual Integrations
APPROVED

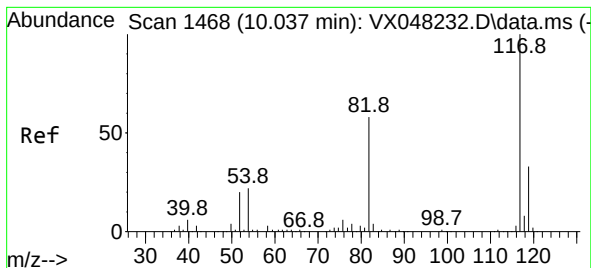
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#62
4-Bromofluorobenzene
Concen: 52.122 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

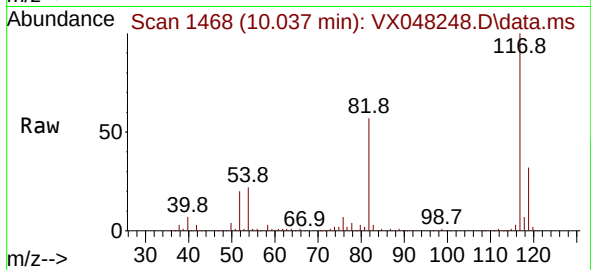
Tgt Ion: 95 Resp: 98193
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.8
176 73.5 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

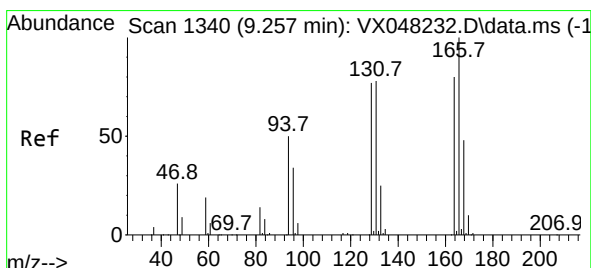
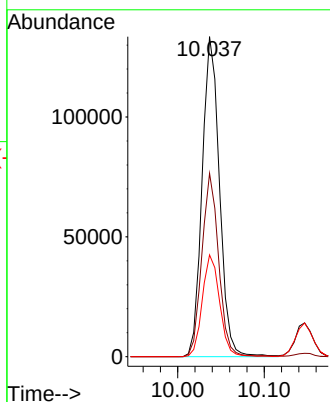
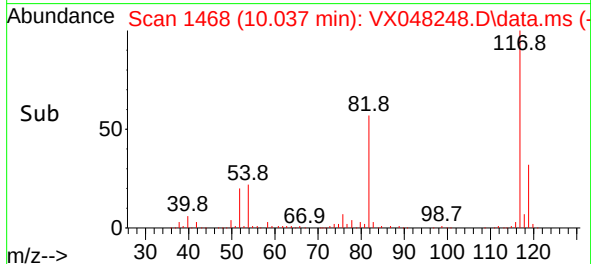
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion:117 Resp: 185910
Ion Ratio Lower Upper
117 100
82 57.3 46.5 69.7
119 31.8 25.9 38.9

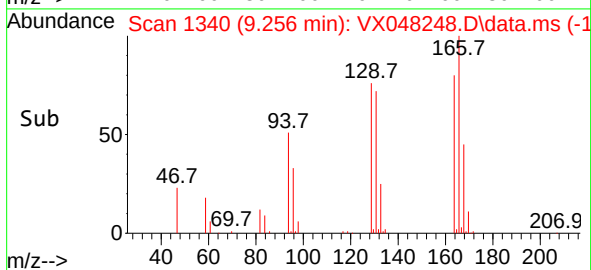
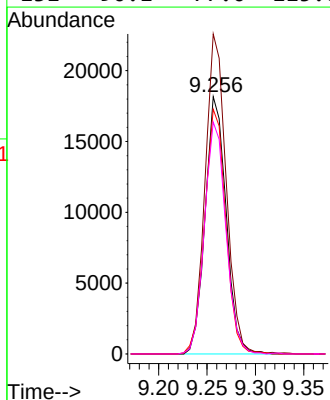
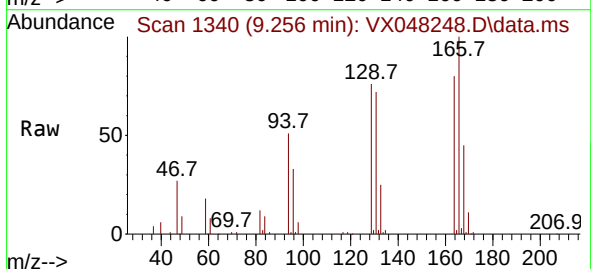
Manual Integrations
APPROVED

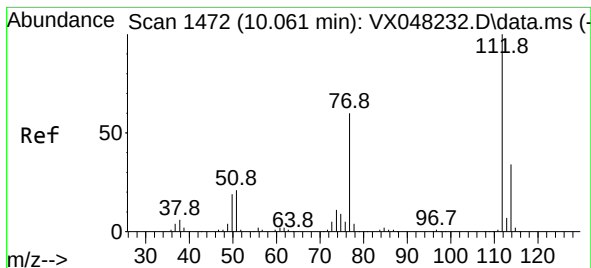
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#64
Tetrachloroethene
Concen: 19.733 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion:164 Resp: 27388
Ion Ratio Lower Upper
164 100
166 124.4 104.5 156.7
129 95.1 81.8 122.6
131 90.1 77.0 115.6





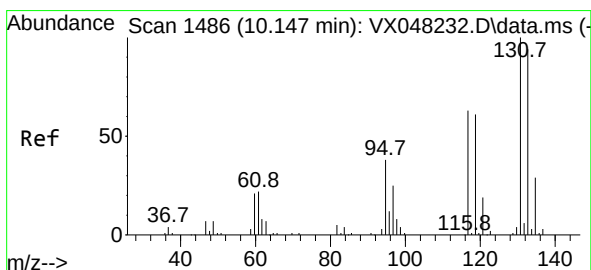
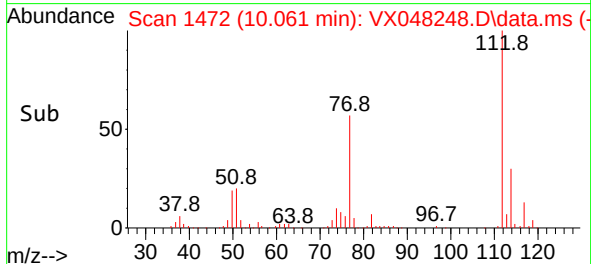
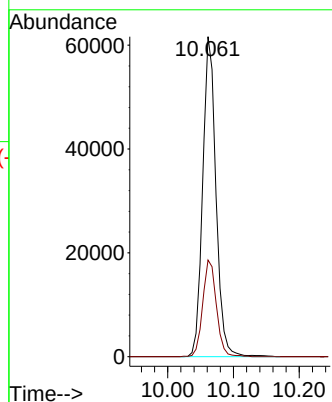
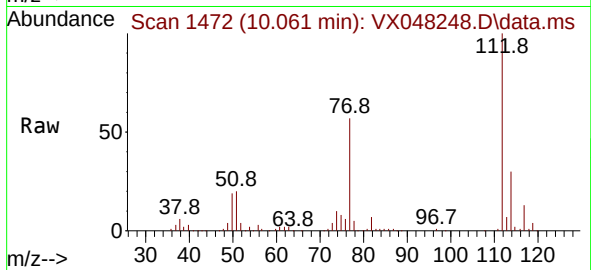
#65
Chlorobenzene
Concen: 20.729 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion:112 Resp: 86692
Ion Ratio Lower Upper
112 100
114 30.2 26.2 39.2

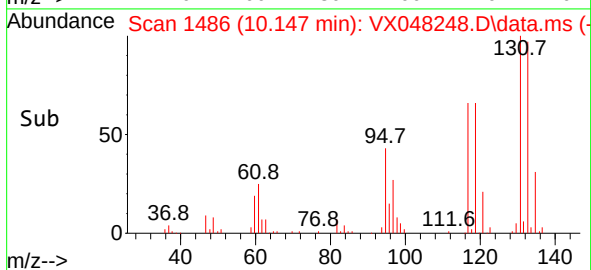
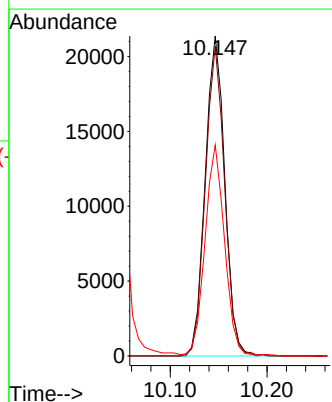
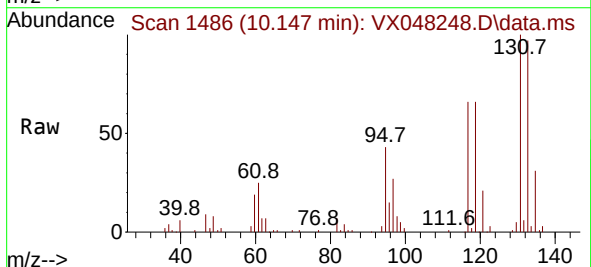
Manual Integrations
APPROVED

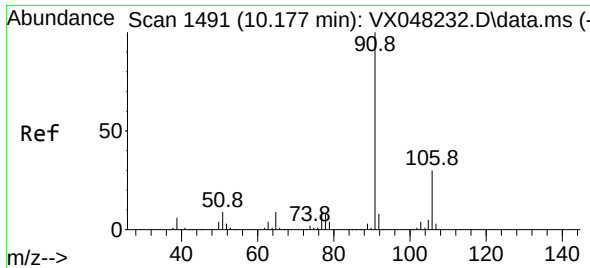
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.612 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

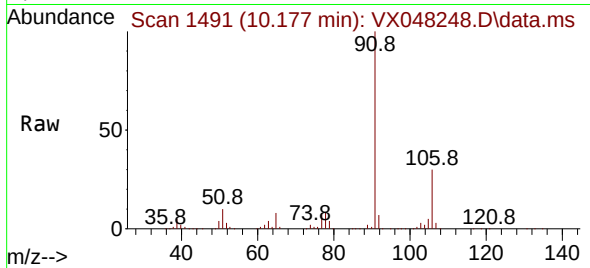
Tgt Ion:131 Resp: 30126
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.8
119 66.2 32.5 97.5





#67
Ethyl Benzene
Concen: 20.389 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

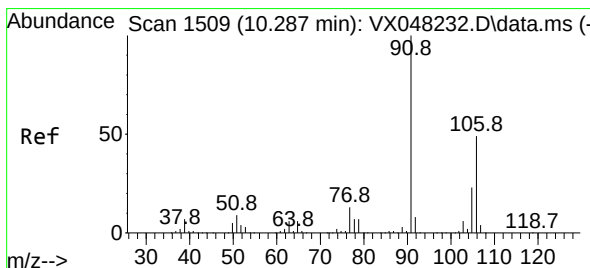
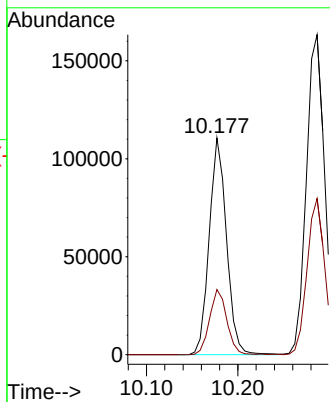
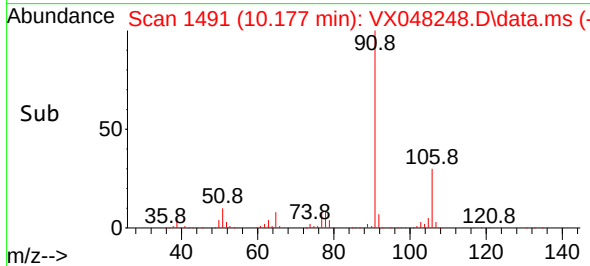
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 91 Resp: 145182
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6

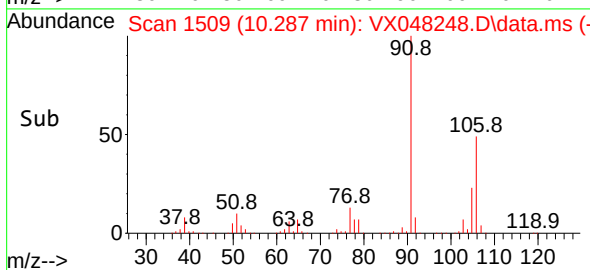
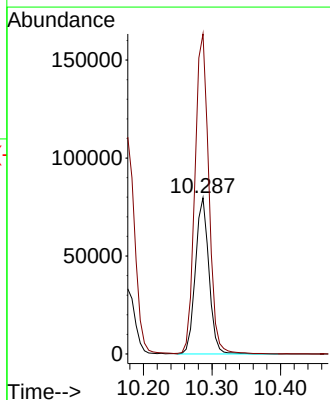
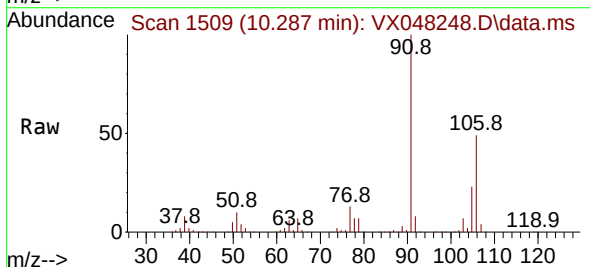
Manual Integrations
APPROVED

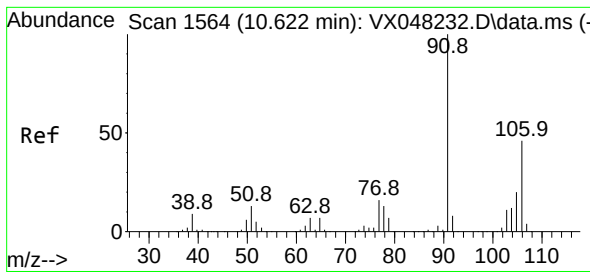
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#68
m/p-Xylenes
Concen: 41.365 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion:106 Resp: 109436
Ion Ratio Lower Upper
106 100
91 210.6 167.9 251.9





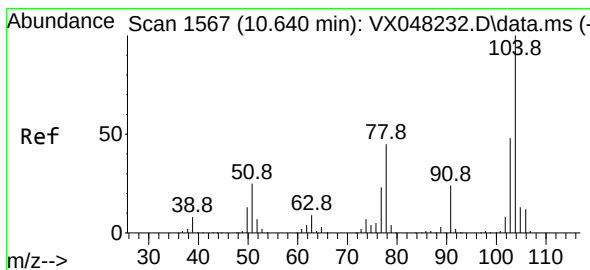
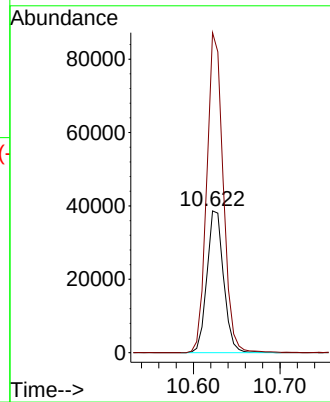
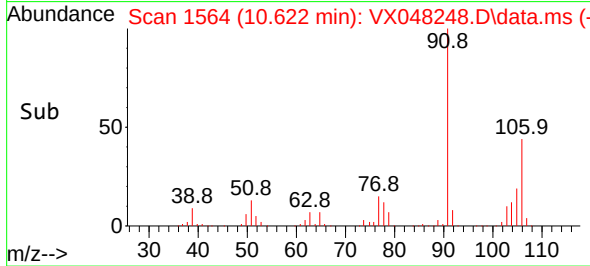
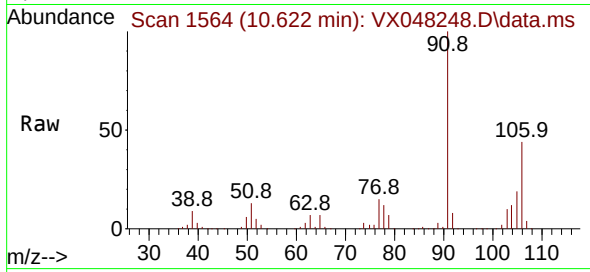
#69
o-Xylene
Concen: 20.250 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion:106 Resp: 51720
Ion Ratio Lower Upper
106 100
91 222.1 111.3 333.9

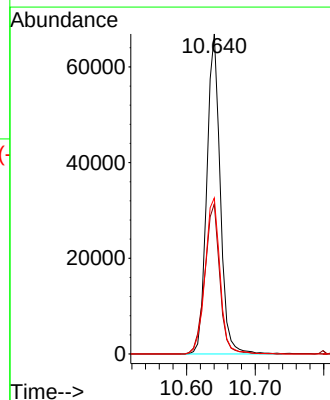
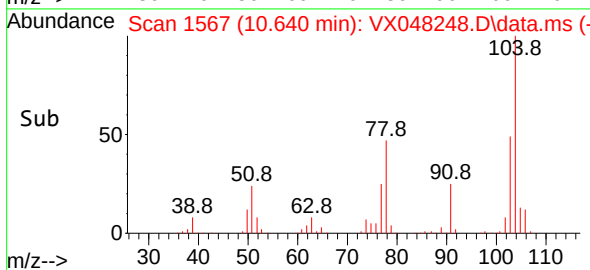
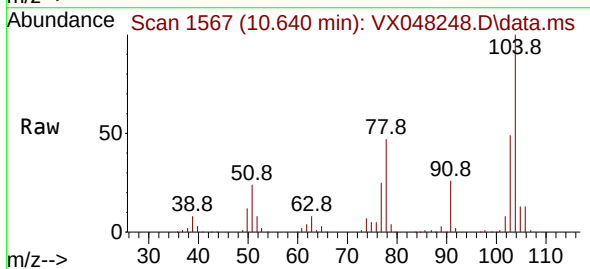
Manual Integrations
APPROVED

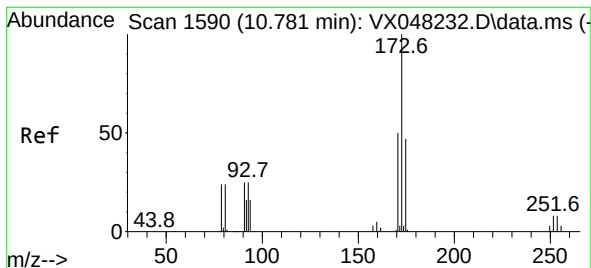
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#70
Styrene
Concen: 20.997 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion:104 Resp: 91320
Ion Ratio Lower Upper
104 100
78 52.1 42.2 63.4
103 54.2 43.0 64.4





#71

Bromoform

Concen: 20.055 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBS01

Tgt Ion:173 Resp: 2462

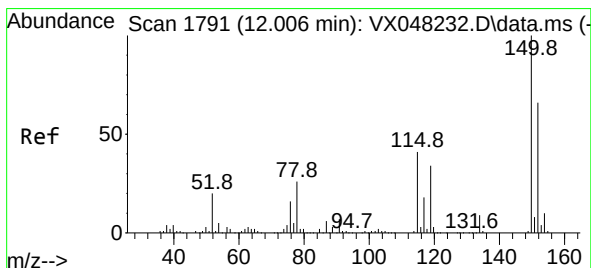
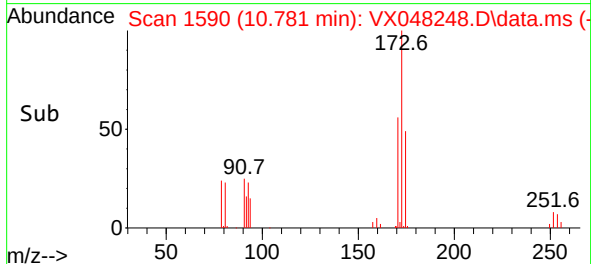
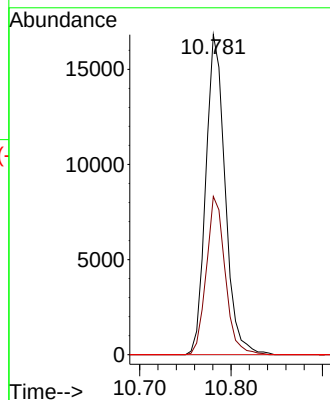
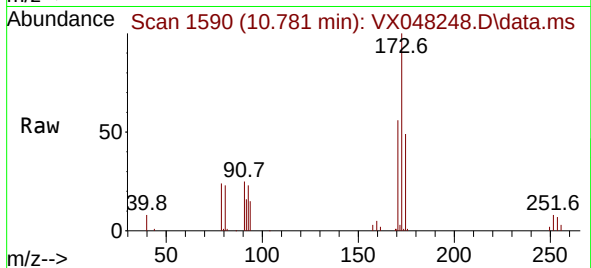
Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

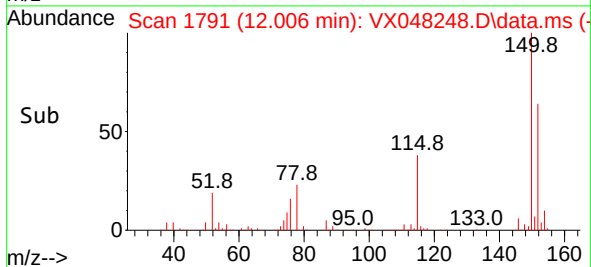
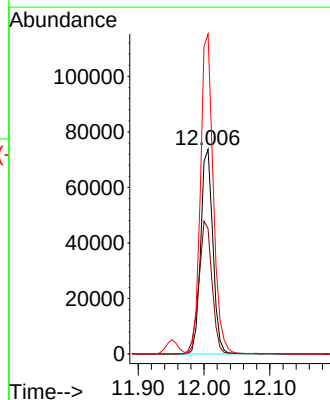
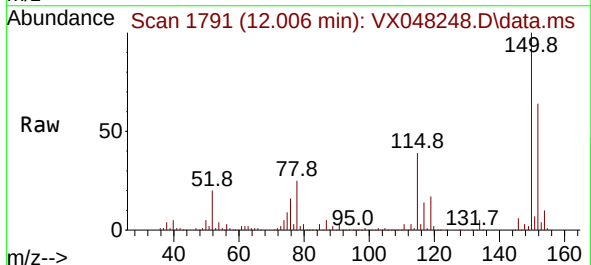
Delta R.T. -0.000 min

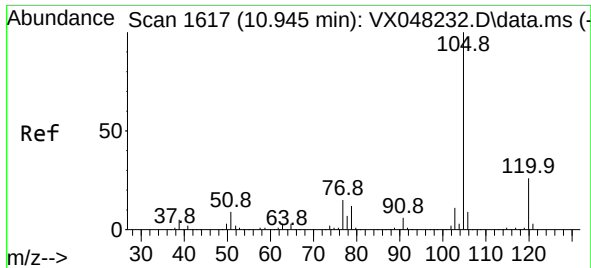
Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Tgt Ion:152 Resp: 94983

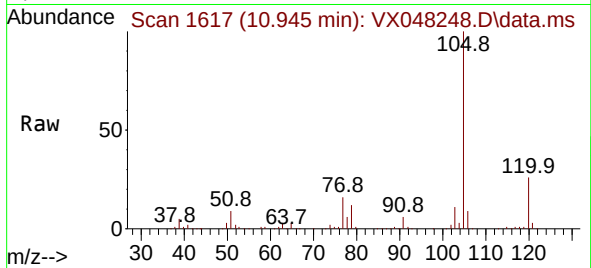
Ion	Ratio	Lower	Upper
152	100		
115	70.5	43.1	129.4
150	163.5	0.0	353.0





#73
Isopropylbenzene
Concen: 20.098 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

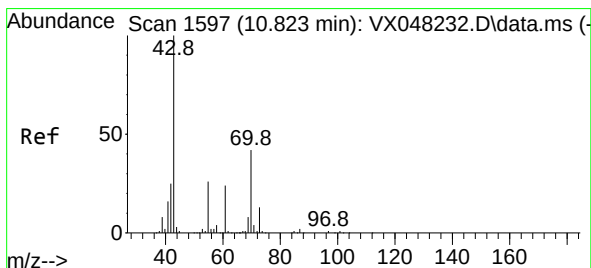
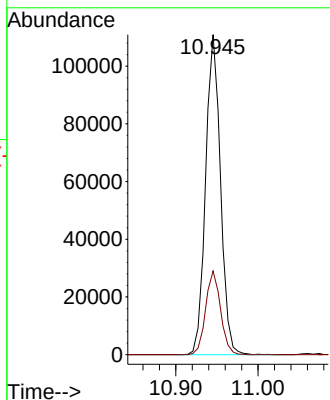
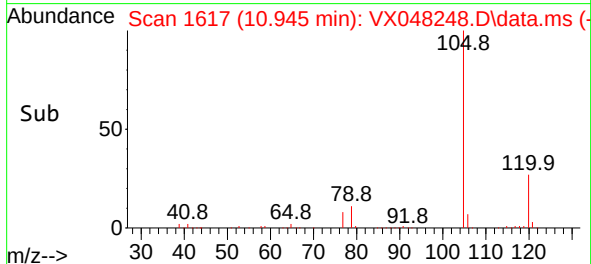
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion:105 Resp: 139434
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

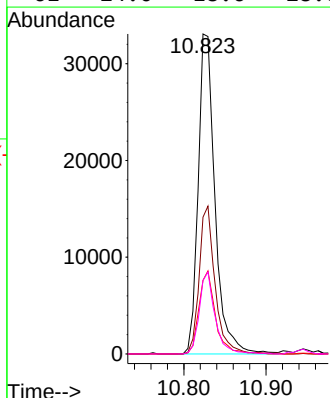
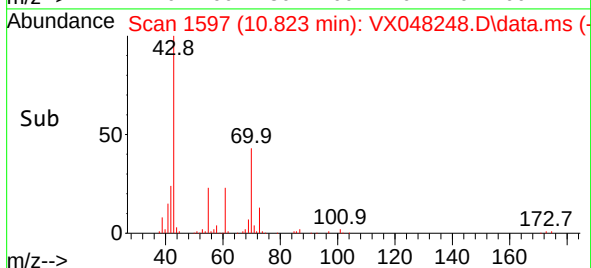
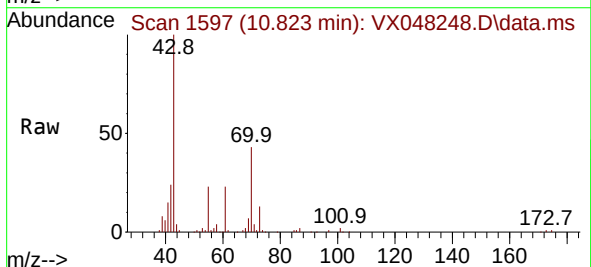
Manual Integrations
APPROVED

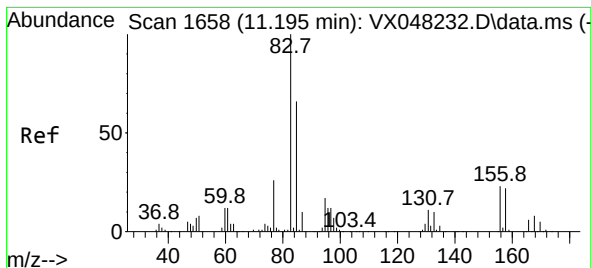
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
N-ethyl acetate
Concen: 19.145 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 43 Resp: 47112
Ion Ratio Lower Upper
43 100
70 43.9 32.2 48.2
55 25.4 19.1 28.7
61 24.0 18.6 28.0





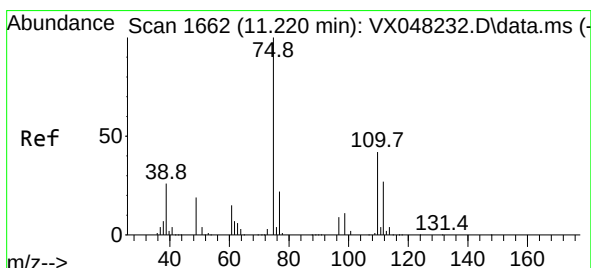
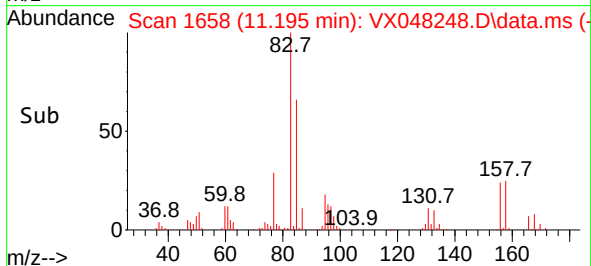
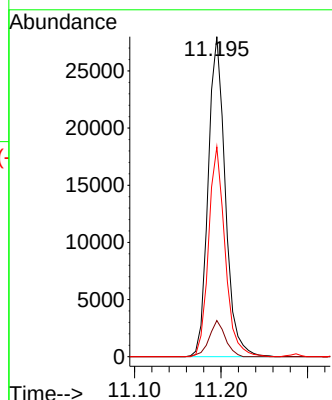
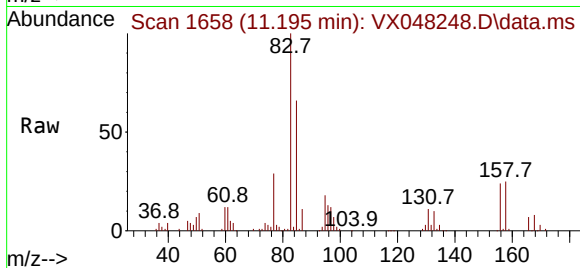
#75
1,1,2,2-Tetrachloroethane
Concen: 20.268 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 83 Resp: 38399
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.4
85 63.3 31.9 95.7

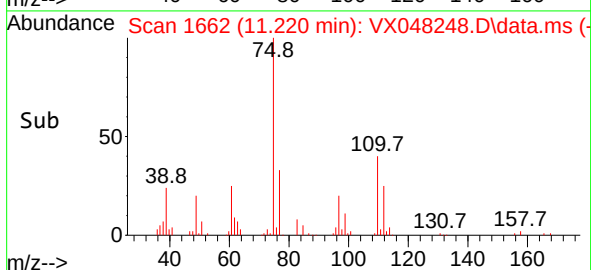
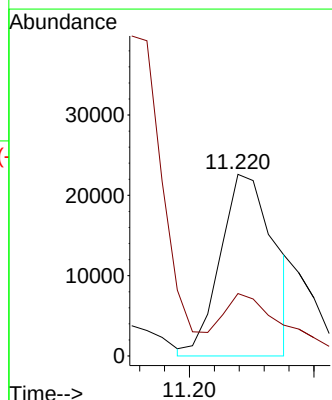
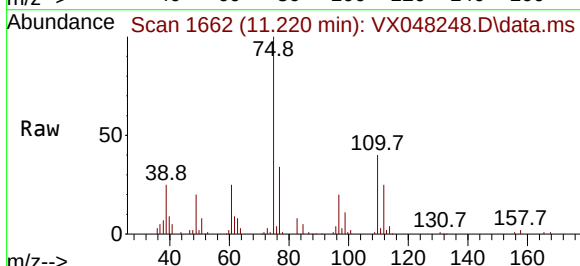
Manual Integrations
APPROVED

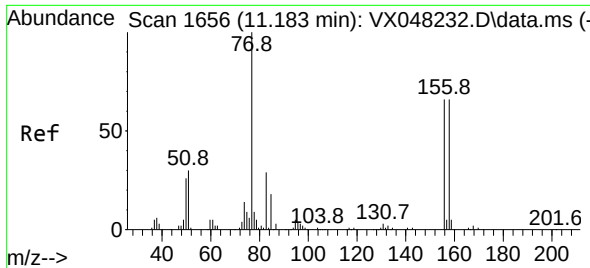
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,2,3-Trichloropropane
Concen: 22.047 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

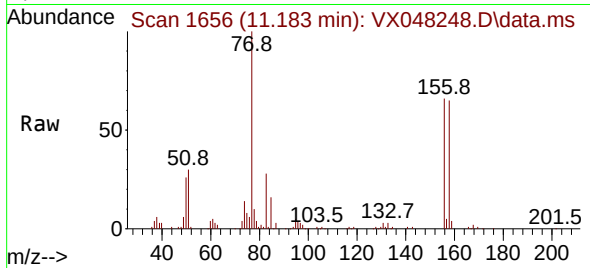
Tgt Ion: 75 Resp: 33959
Ion Ratio Lower Upper
75 100
77 39.5 22.4 67.2





#77
Bromobenzene
Concen: 20.114 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

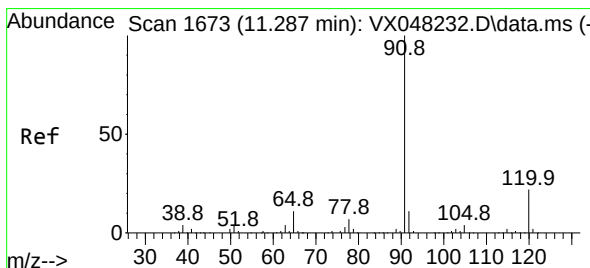
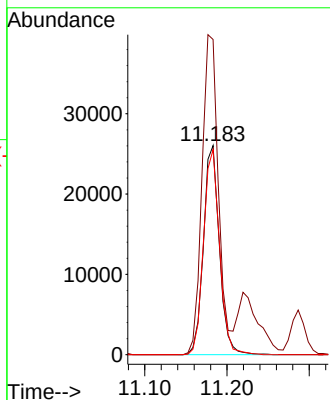
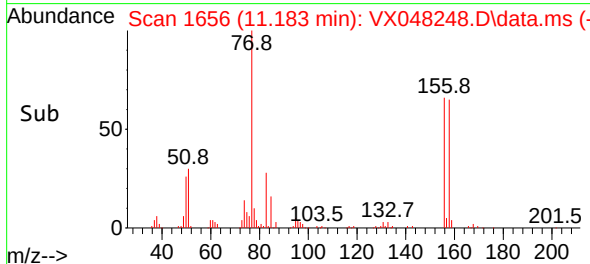
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



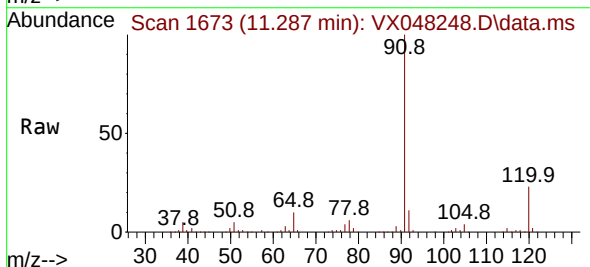
Tgt Ion:156 Resp: 34989
Ion Ratio Lower Upper
156 100
77 158.9 87.0 261.0
158 98.9 47.8 143.4

Manual Integrations
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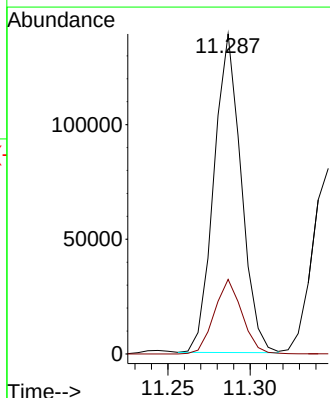
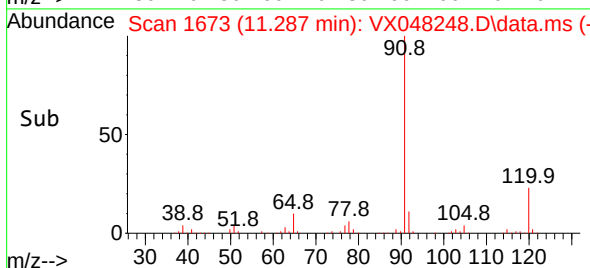
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

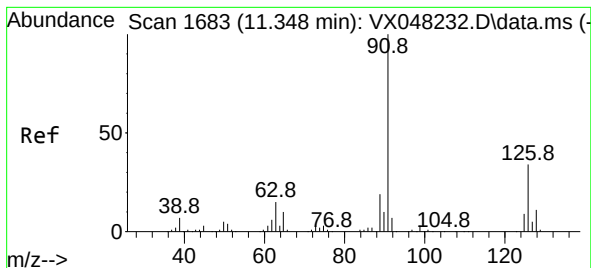


#78
n-propylbenzene
Concen: 19.944 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43



Tgt Ion: 91 Resp: 160201
Ion Ratio Lower Upper
91 100
120 23.8 11.1 33.1





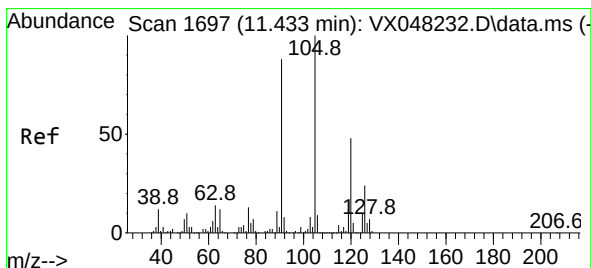
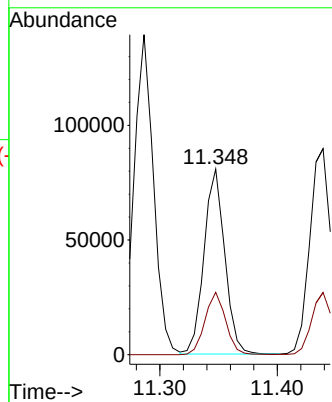
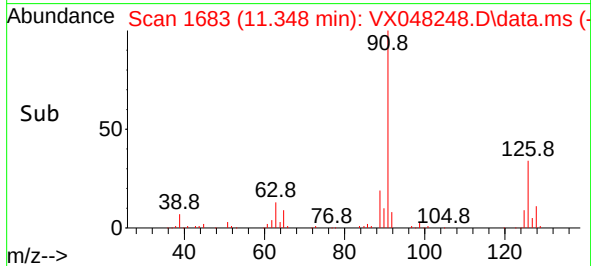
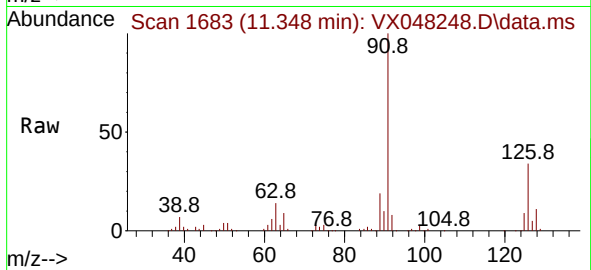
#79
2-Chlorotoluene
Concen: 20.269 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01

Tgt Ion: 91 Resp: 98710
Ion Ratio Lower Upper
91 100
126 33.8 16.4 49.4

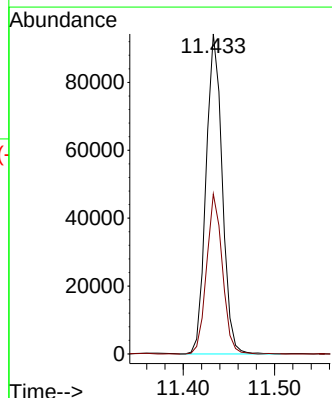
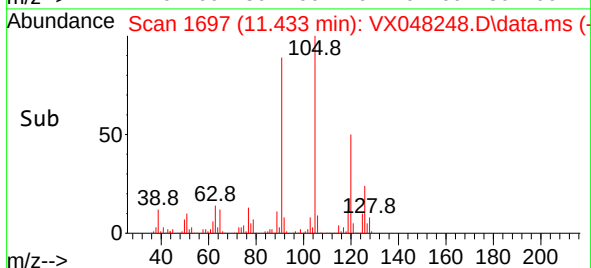
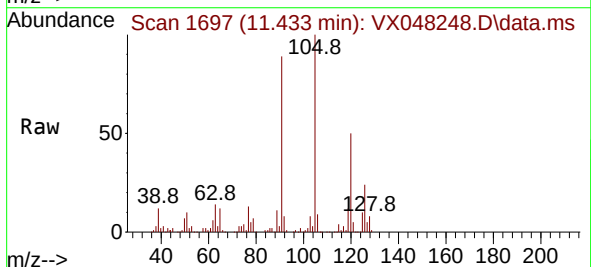
Manual Integrations
APPROVED

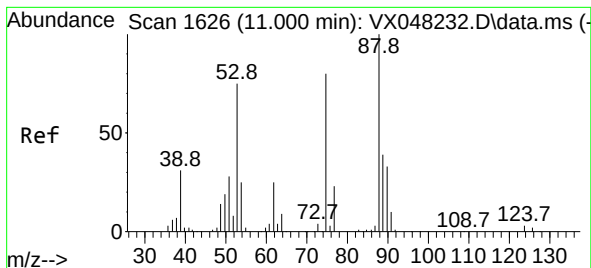
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.165 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

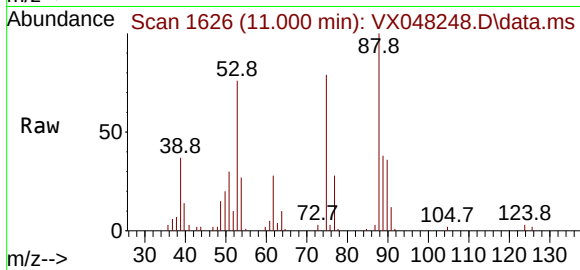
Tgt Ion:105 Resp: 115769
Ion Ratio Lower Upper
105 100
120 48.8 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.664 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

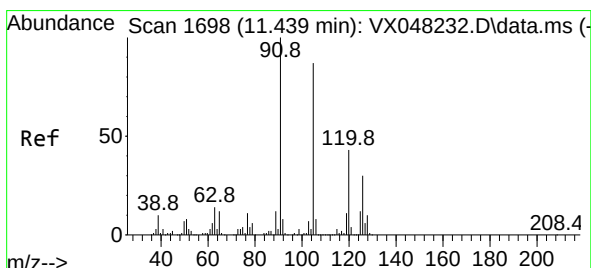
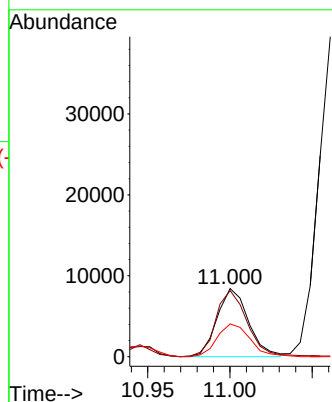
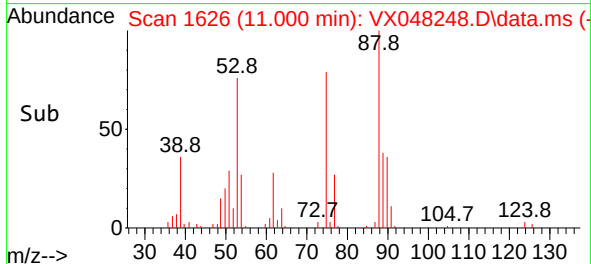
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



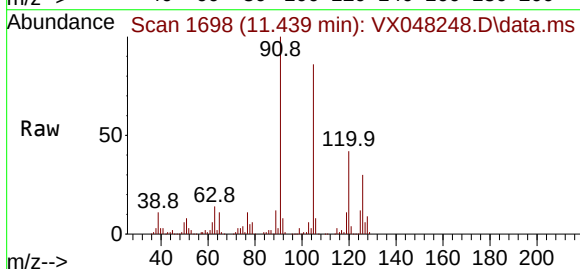
Tgt Ion: 75 Resp: 1118
Ion Ratio Lower Upper
75 100
53 97.6 79.5 119.3
89 50.5 36.8 55.2

Manual Integrations
APPROVED

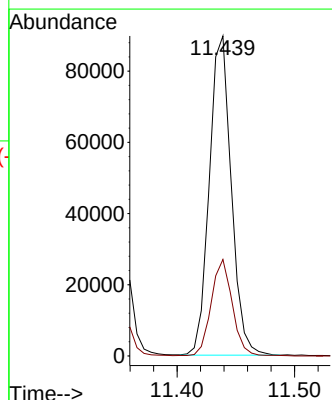
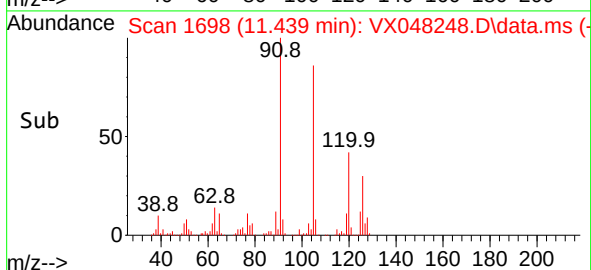
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

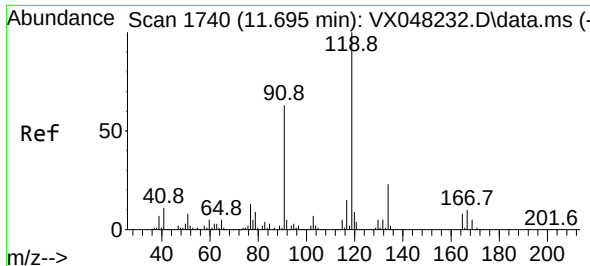


#82
4-Chlorotoluene
Concen: 20.117 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43



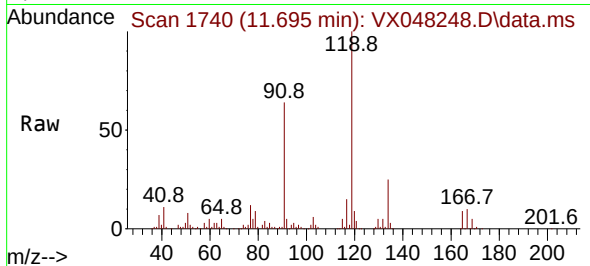
Tgt Ion: 91 Resp: 116299
Ion Ratio Lower Upper
91 100
126 29.2 14.1 42.4





#83
tert-Butylbenzene
Concen: 19.869 ug/l
RT: 11.695 min Scan# 117204
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

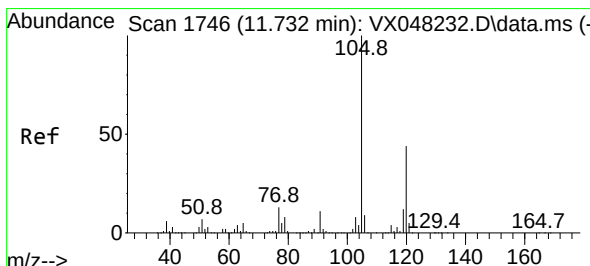
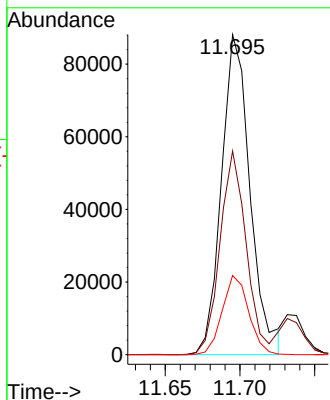
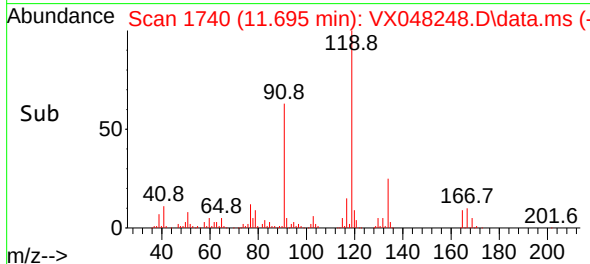
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



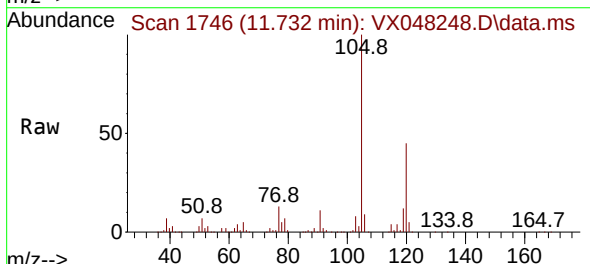
Tgt Ion:119 Resp: 117204
Ion Ratio Lower Upper
119 100
91 58.3 30.3 91.0
134 23.0 11.4 34.2

Manual Integrations
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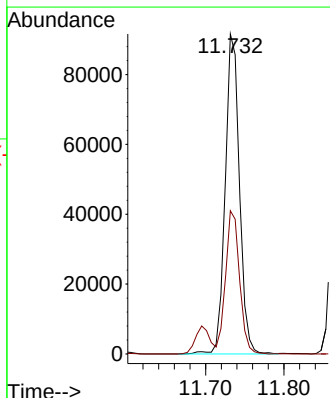
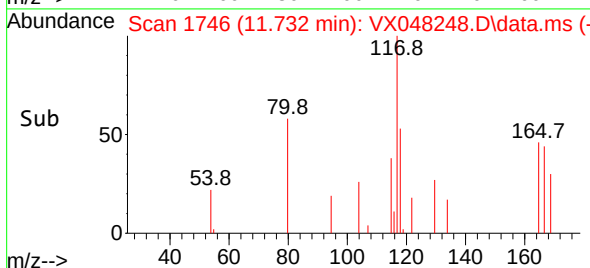
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

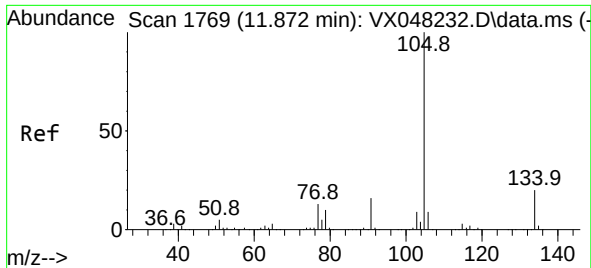


#84
1,2,4-Trimethylbenzene
Concen: 20.226 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43



Tgt Ion:105 Resp: 115888
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





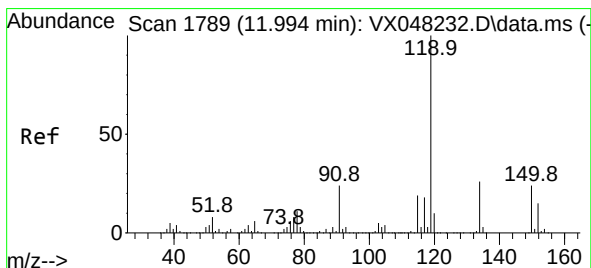
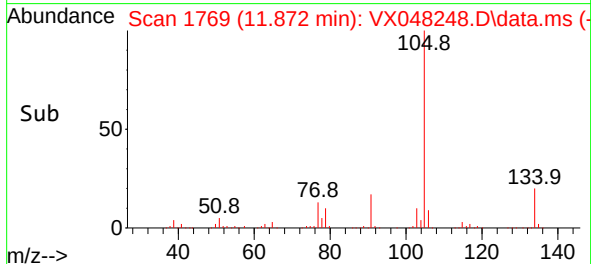
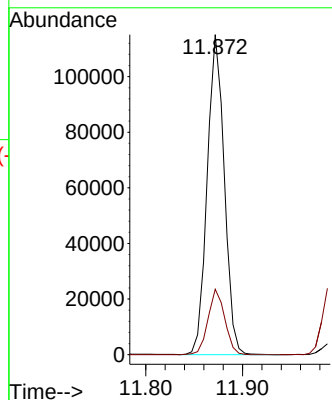
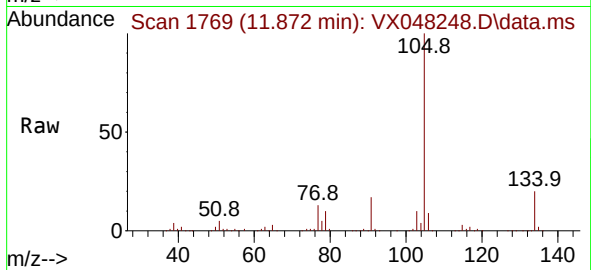
#85
 sec-Butylbenzene
 Concen: 19.966 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020MBS01

Tgt Ion:105 Resp: 14169
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

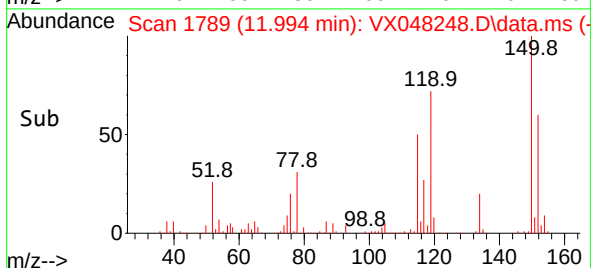
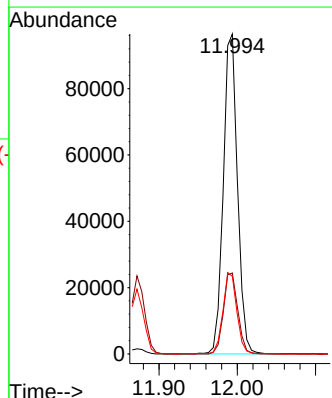
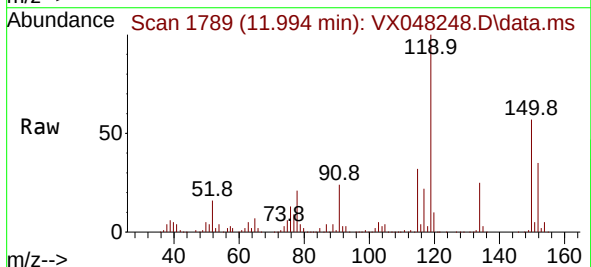
Manual Integrations
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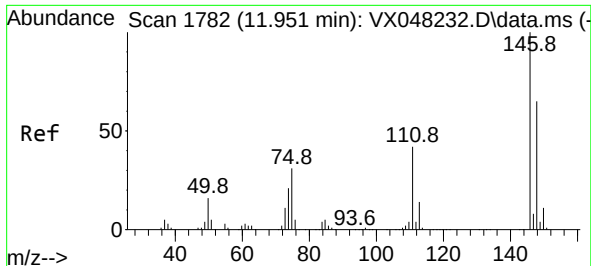
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#86
 p-Isopropyltoluene
 Concen: 19.837 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048248.D
 Acq: 20 Oct 2025 18:43

Tgt Ion:119 Resp: 121684
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.013 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBS01

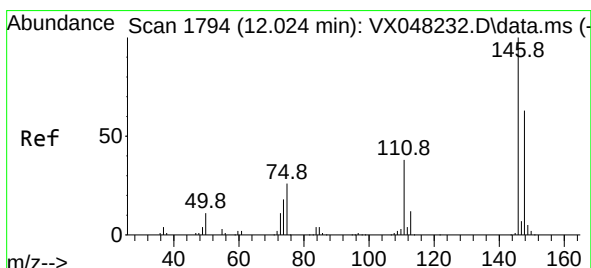
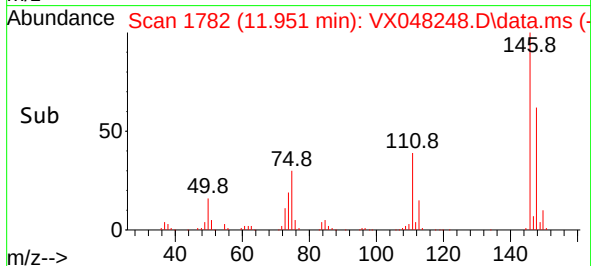
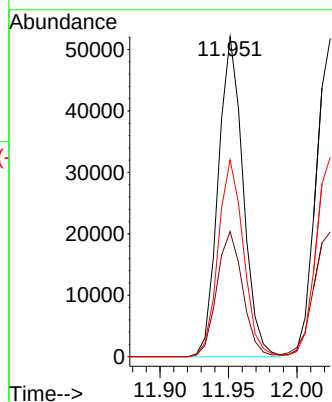
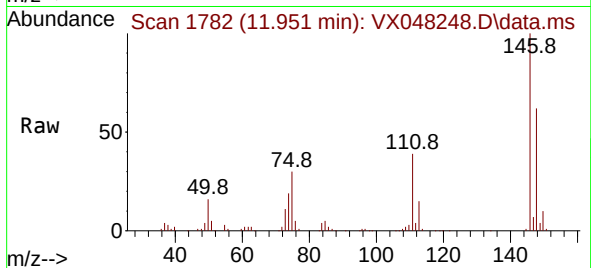
Tgt Ion:146 Resp: 65628
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.4 61.2
 148 62.4 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#88

1,4-Dichlorobenzene

Concen: 19.440 ug/l

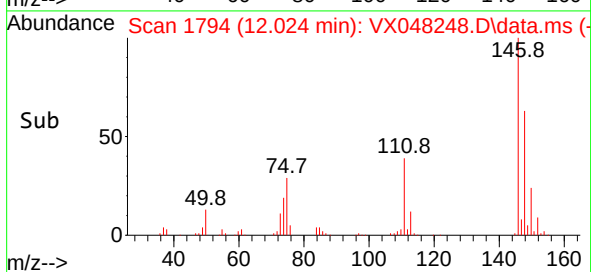
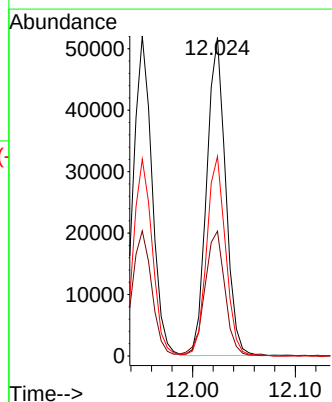
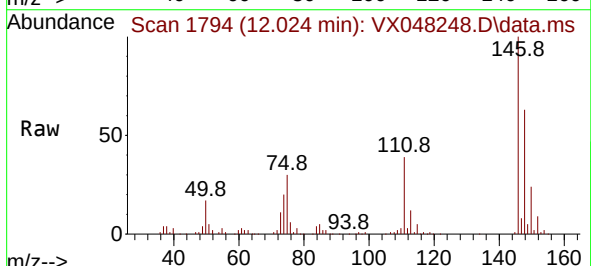
RT: 12.024 min Scan# 1794

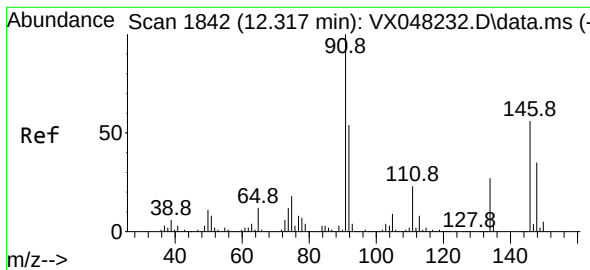
Delta R.T. -0.000 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

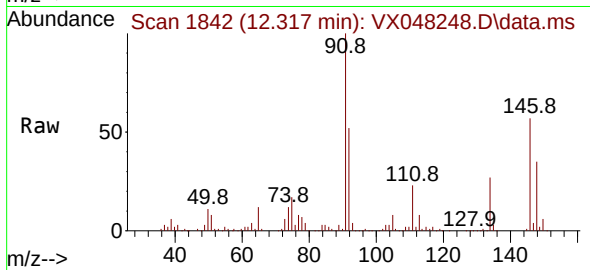
Tgt Ion:146 Resp: 66041
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.1 60.2
 148 63.2 31.8 95.3





#89
n-Butylbenzene
Concen: 19.215 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

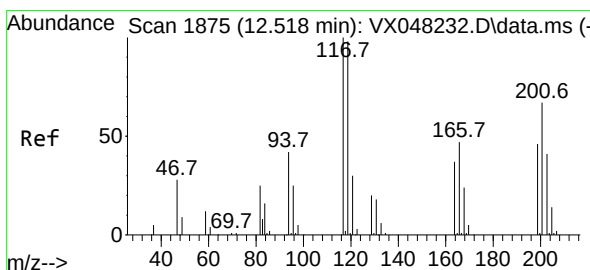
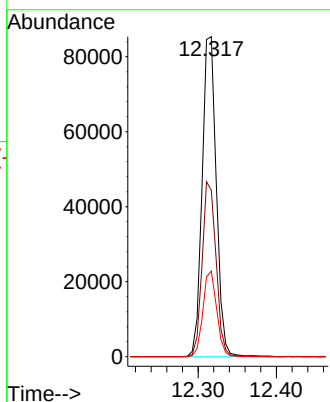
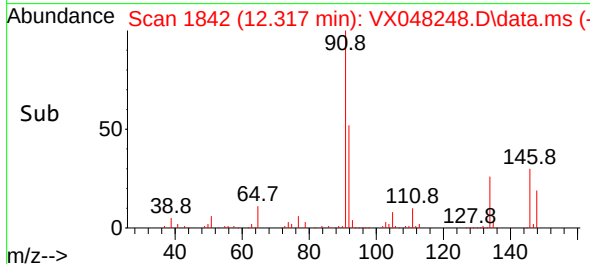
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion: 91 Resp: 10728
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.6
134 26.0 12.7 38.1

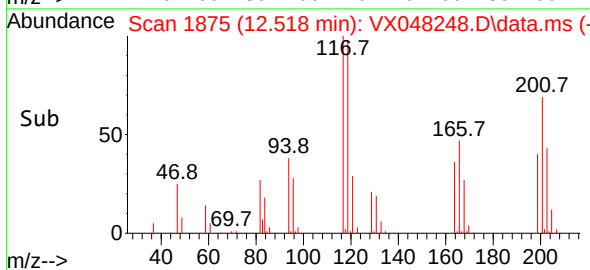
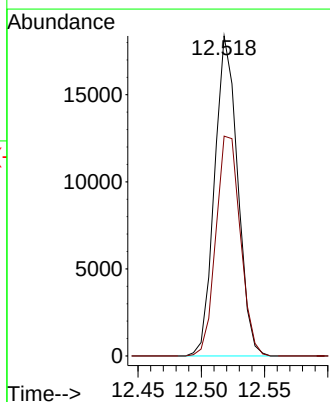
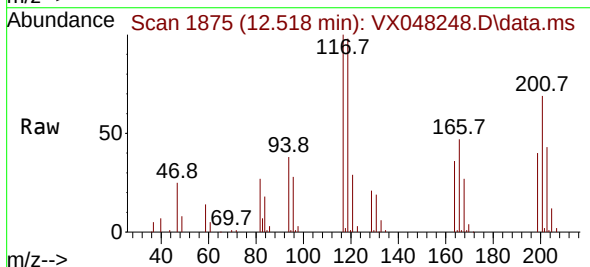
Manual Integrations
APPROVED

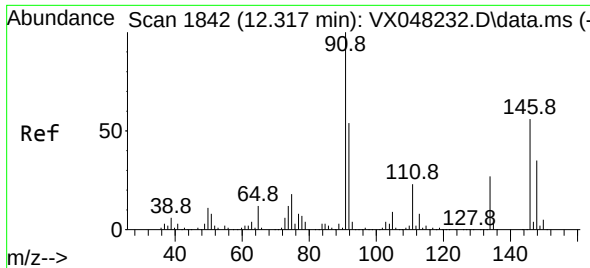
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#90
Hexachloroethane
Concen: 19.217 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

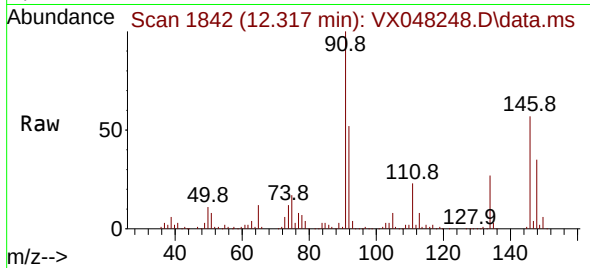
Tgt Ion:117 Resp: 23279
Ion Ratio Lower Upper
117 100
201 72.8 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 19.801 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

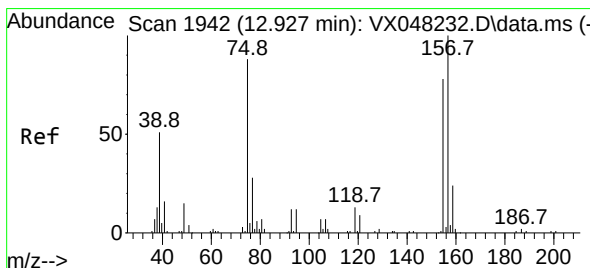
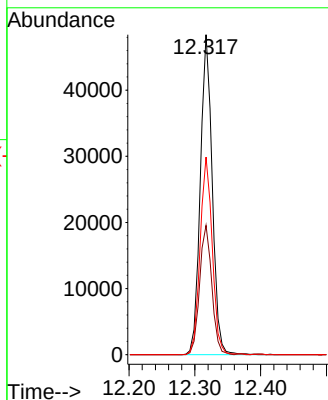
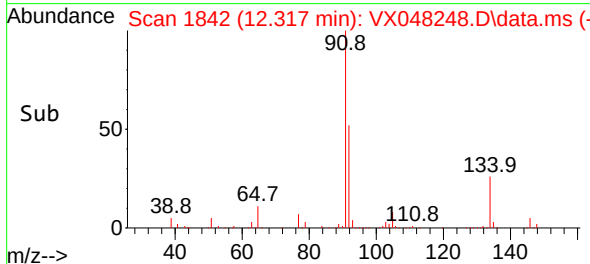
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion:146 Resp: 6096
Ion Ratio Lower Upper
146 100
111 41.3 21.9 65.5
148 63.0 31.9 95.5

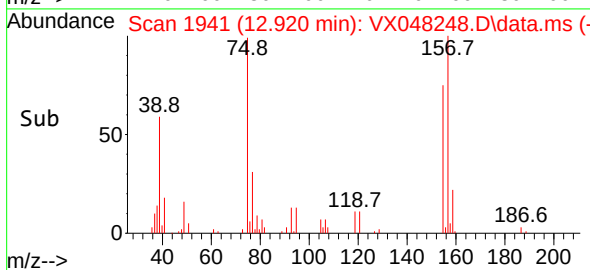
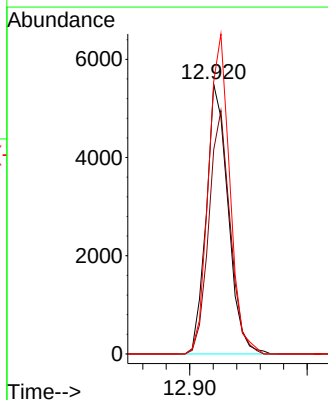
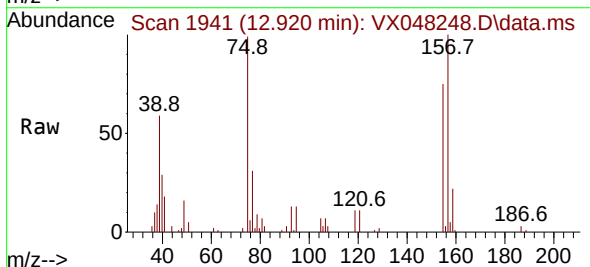
Manual Integrations
APPROVED

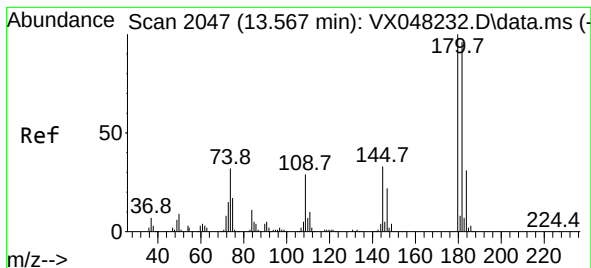
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.421 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion: 75 Resp: 7084
Ion Ratio Lower Upper
75 100
155 88.4 42.8 128.4
157 115.0 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 18.012 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBS01

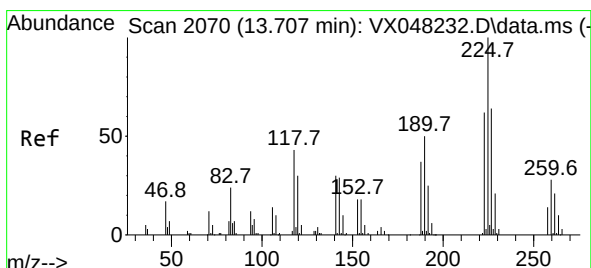
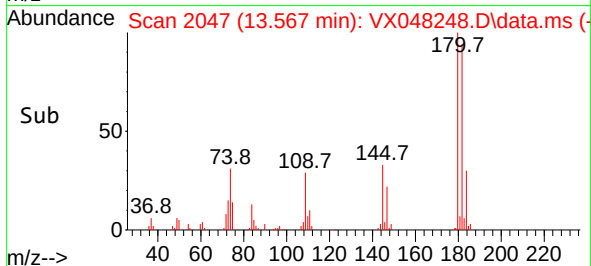
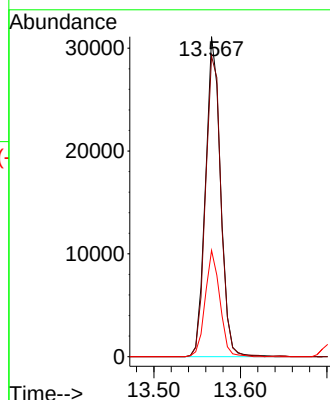
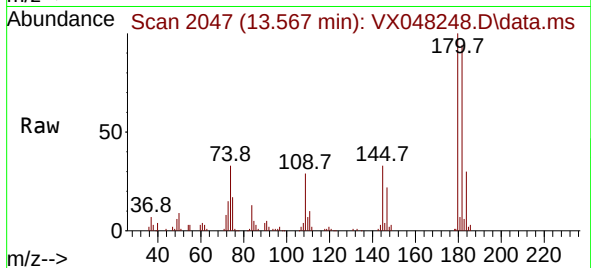
Tgt Ion:180	Resp:	3750
Ion Ratio	Lower	Upper
180	100	
182	96.8	47.3 142.0
145	32.3	16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#94

Hexachlorobutadiene

Concen: 19.453 ug/l

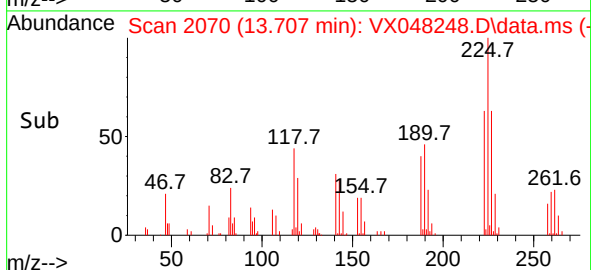
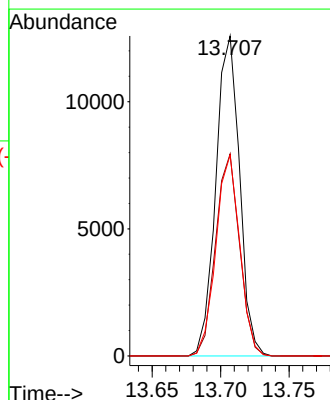
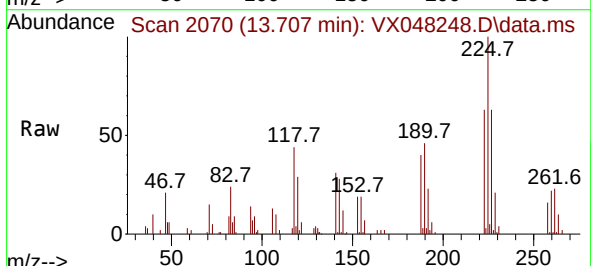
RT: 13.707 min Scan# 2070

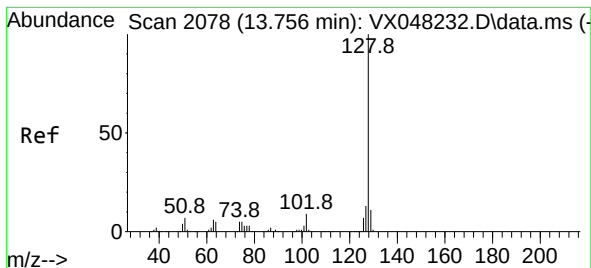
Delta R.T. 0.006 min

Lab File: VX048248.D

Acq: 20 Oct 2025 18:43

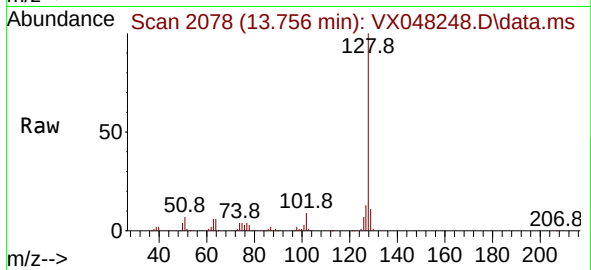
Tgt Ion:225	Resp:	15146
Ion Ratio	Lower	Upper
225	100	
223	63.6	32.6 97.7
227	63.0	32.5 97.4





#95
Naphthalene
Concen: 18.868 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

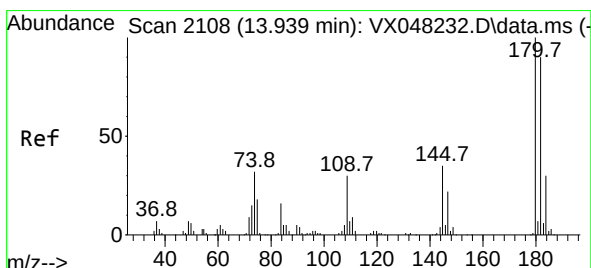
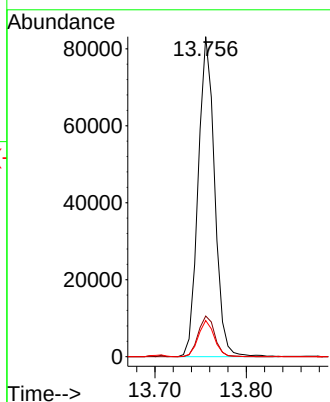
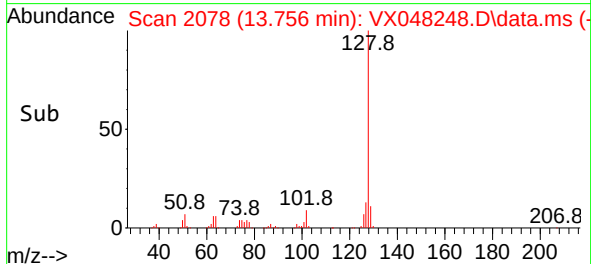
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBS01



Tgt Ion:128 Resp: 10408
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.822 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048248.D
Acq: 20 Oct 2025 18:43

Tgt Ion:180 Resp: 35962
Ion Ratio Lower Upper
180 100
182 94.3 46.6 139.7
145 34.5 16.9 50.7

