

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
 Data File : VX048715.D
 Acq On : 04 Dec 2025 09:16
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2025
 Supervised By : Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:07:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 02:05:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	228640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	358720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	300438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	15478	5.044	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.080%#		
35) Dibromofluoromethane	5.379	113	11348	4.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.180%#		
50) Toluene-d8	8.629	98	45948	5.307	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.620%#		
62) 4-Bromofluorobenzene	11.061	95	14926	4.999	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	9943	4.268	ug/l	99
3) Chloromethane	1.301	50	12695	4.318	ug/l	98
4) Vinyl Chloride	1.380	62	14273	4.559	ug/l	93
5) Bromomethane	1.611	94	10033	5.186	ug/l	99
6) Chloroethane	1.691	64	8374	4.298	ug/l	98
7) Trichlorofluoromethane	1.892	101	21348	4.758	ug/l	99
8) Diethyl Ether	2.130	74	8173	4.563	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	12909	4.963	ug/l	97
10) Methyl Iodide	2.453	142	13462	3.635	ug/l	99
11) Tert butyl alcohol	2.941	59	9869	19.919	ug/l	99
12) 1,1-Dichloroethene	2.319	96	12191	4.592	ug/l	96
13) Acrolein	2.233	56	7426	53.206	ug/l	98
14) Allyl chloride	2.660	41	16575	3.718	ug/l	97
15) Acrylonitrile	3.056	53	29219	18.927	ug/l	91
16) Acetone	2.374	43	24360	20.736	ug/l	98
17) Carbon Disulfide	2.514	76	30036	3.896	ug/l	100
18) Methyl Acetate	2.697	43	12011m	3.634	ug/l	
19) Methyl tert-butyl Ether	3.099	73	33202	3.843	ug/l	95
20) Methylene Chloride	2.782	84	11979	4.079	ug/l	84
21) trans-1,2-Dichloroethene	3.087	96	11131	4.108	ug/l	96
22) Diisopropyl ether	3.745	45	33324	4.000	ug/l	97
23) Vinyl Acetate	3.709	43	134450	19.207	ug/l	99
24) 1,1-Dichloroethane	3.605	63	18354	3.951	ug/l	100
25) 2-Butanone	4.532	43	32730	18.877	ug/l	98
26) 2,2-Dichloropropane	4.459	77	17823	4.336	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	12772	4.177	ug/l	97
28) Bromochloromethane	4.867	49	9519	4.181	ug/l	91
29) Tetrahydrofuran	4.977	42	24477	18.488	ug/l	94
30) Chloroform	5.080	83	20698	4.158	ug/l	93
31) Cyclohexane	5.446	56	22164	5.344	ug/l	93
32) 1,1,1-Trichloroethane	5.361	97	19635	4.402	ug/l	93
36) 1,1-Dichloropropene	5.672	75	16539	4.889	ug/l	99
37) Ethyl Acetate	4.696	43	16990m	4.203	ug/l	
38) Carbon Tetrachloride	5.653	117	20529	5.357	ug/l	92
39) Methylcyclohexane	7.360	83	19359	4.840	ug/l	94
40) Benzene	6.019	78	50087	4.994	ug/l	98

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 Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Dec 05 02:07:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 02:05:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	7366	4.005	ug/l	97
42) 1,2-Dichloroethane	6.068	62	17832	5.024	ug/l	97
43) Isopropyl Acetate	6.312	43	31107	5.082	ug/l	95
44) Trichloroethene	7.104	130	12207	4.665	ug/l	96
45) 1,2-Dichloropropane	7.409	63	12229	4.879	ug/l	97
46) Dibromomethane	7.568	93	9236	4.859	ug/l	95
47) Bromodichloromethane	7.799	83	19311	4.873	ug/l	98
48) Methyl methacrylate	7.671	41	14173	4.603	ug/l	95
49) 1,4-Dioxane	7.641	88	3770	89.028	ug/l #	91
51) 4-Methyl-2-Pentanone	8.555	43	97596	25.688	ug/l	97
52) Toluene	8.702	92	28194	4.662	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	15951	4.231	ug/l	95
54) cis-1,3-Dichloropropene	8.348	75	19250	4.751	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	11325	4.654	ug/l	96
56) Ethyl methacrylate	9.098	69	15799	4.148	ug/l	96
57) 1,3-Dichloropropane	9.293	76	18244	4.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	52878	25.688	ug/l	95
59) 2-Hexanone	9.415	43	55721	20.893	ug/l	97
60) Dibromochloromethane	9.506	129	13990	4.650	ug/l	99
61) 1,2-Dibromoethane	9.592	107	11968	4.545	ug/l	100
64) Tetrachloroethene	9.256	164	11027	5.035	ug/l	93
65) Chlorobenzene	10.061	112	32494	4.941	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.140	131	11291	4.800	ug/l	95
67) Ethyl Benzene	10.177	91	51672	4.815	ug/l	99
68) m/p-Xylenes	10.281	106	40552	9.701	ug/l	99
69) o-Xylene	10.622	106	19035	4.860	ug/l	98
70) Styrene	10.640	104	32097	4.773	ug/l	98
71) Bromoform	10.781	173	9949	4.738	ug/l #	99
73) Isopropylbenzene	10.945	105	50807	4.844	ug/l	99
74) N-amyl acetate	10.829	43	19243	4.223	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	16109	4.552	ug/l	96
76) 1,2,3-Trichloropropane	11.226	75	14100m	4.722	ug/l	
77) Bromobenzene	11.183	156	13538	4.836	ug/l	91
78) n-propylbenzene	11.287	91	57143	4.704	ug/l	97
79) 2-Chlorotoluene	11.348	91	35216	4.754	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	41155	4.774	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	4948	4.055	ug/l #	87
82) 4-Chlorotoluene	11.439	91	39681	4.591	ug/l	94
83) tert-Butylbenzene	11.695	119	43520	4.858	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	40951	4.709	ug/l	97
85) sec-Butylbenzene	11.872	105	53557	4.933	ug/l	98
86) p-Isopropyltoluene	11.988	119	45373	4.890	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	25073	4.859	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	25523	4.786	ug/l	92
89) n-Butylbenzene	12.317	91	40625	4.676	ug/l	100
90) Hexachloroethane	12.518	117	8642	4.563	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	23201	4.637	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.927	75	3579	4.156	ug/l	97
93) 1,2,4-Trichlorobenzene	13.573	180	14300	4.328	ug/l	97
94) Hexachlorobutadiene	13.707	225	6803	4.977	ug/l	96
95) Naphthalene	13.756	128	40122	3.182	ug/l	98
96) 1,2,3-Trichlorobenzene	13.945	180	13011	4.270	ug/l	99

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

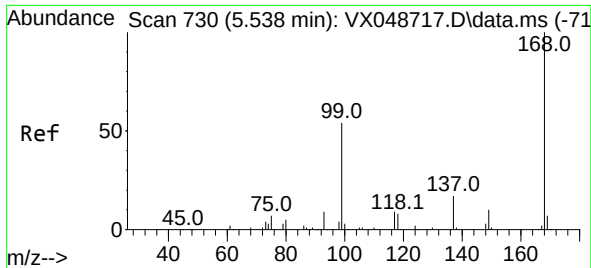
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

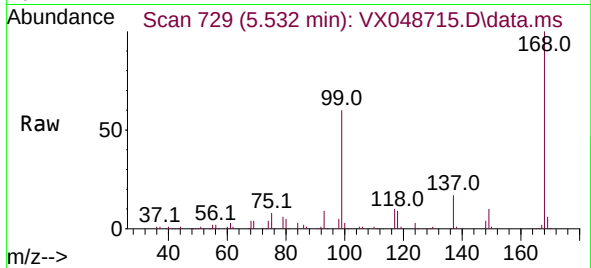
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

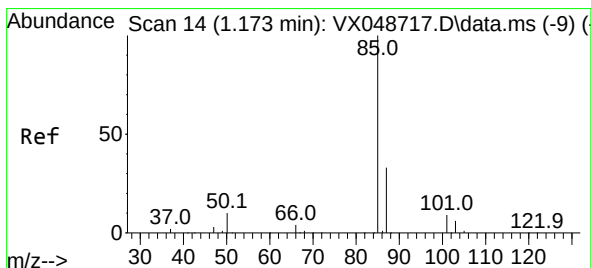
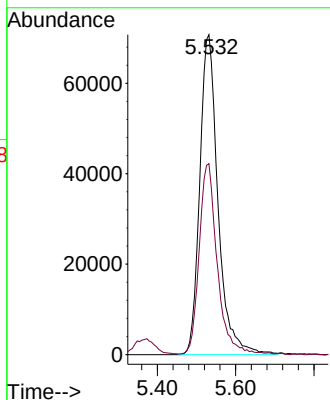
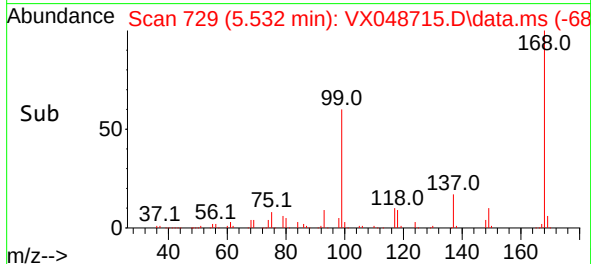
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 228640
Ion Ratio Lower Upper
168 100
99 59.5 44.2 66.4

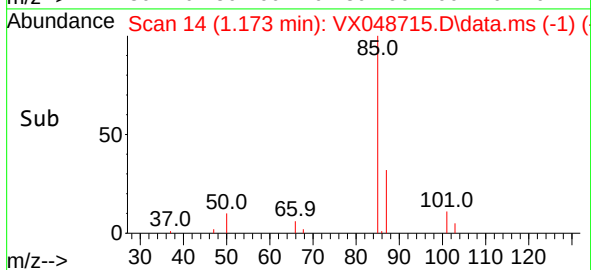
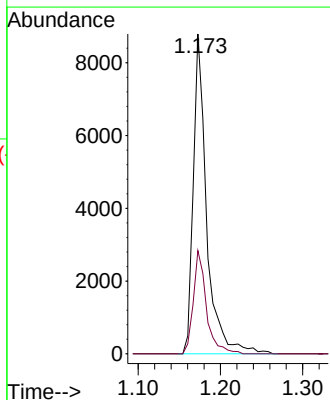
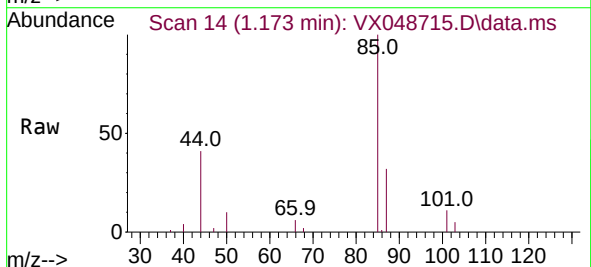
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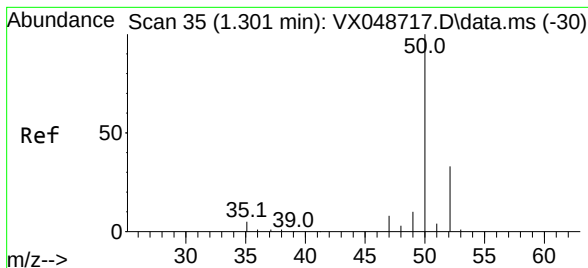
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#2
Dichlorodifluoromethane
Concen: 4.268 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

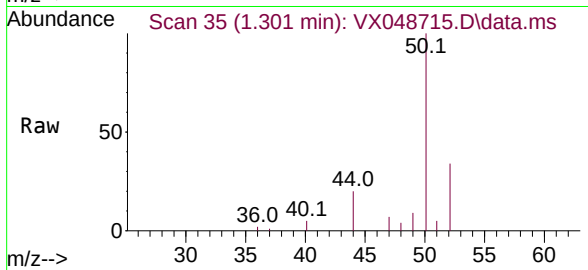
Tgt Ion: 85 Resp: 9943
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.1





#3
Chloromethane
Concen: 4.318 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

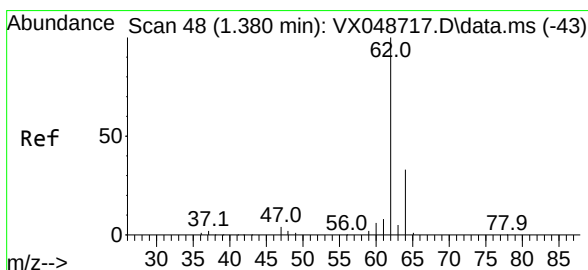
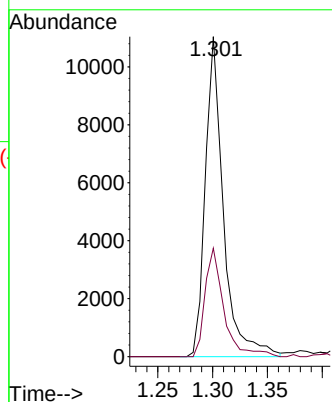
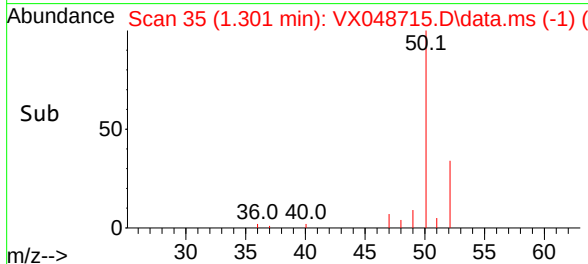
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 12695
Ion Ratio Lower Upper
50 100
52 33.9 26.4 39.6

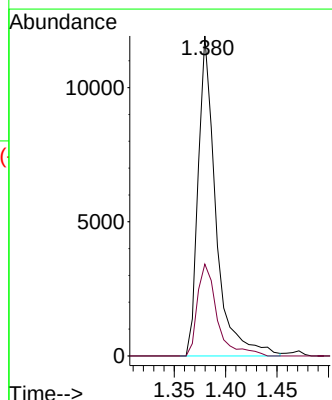
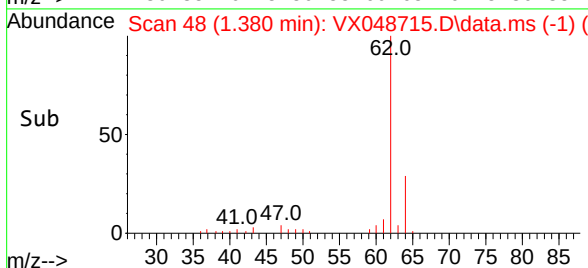
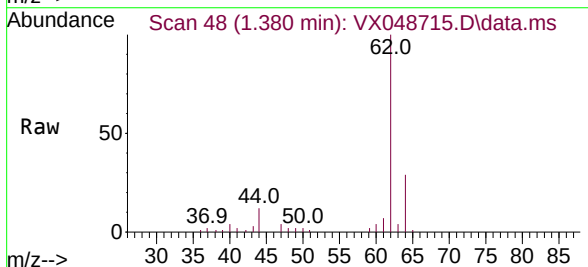
Manual Integrations
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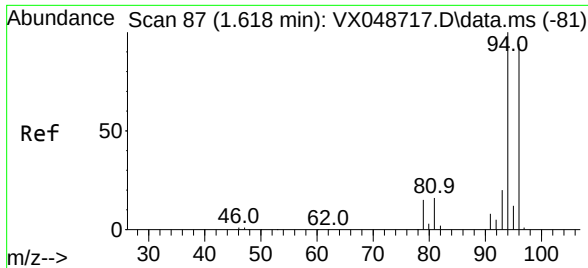
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#4
Vinyl Chloride
Concen: 4.559 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 62 Resp: 14273
Ion Ratio Lower Upper
62 100
64 28.7 26.0 39.0





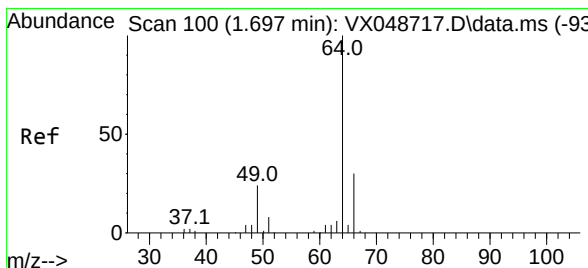
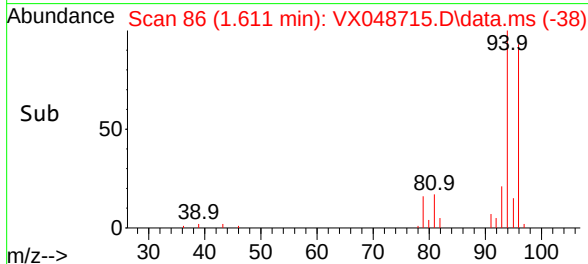
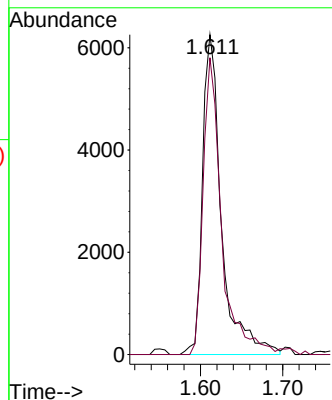
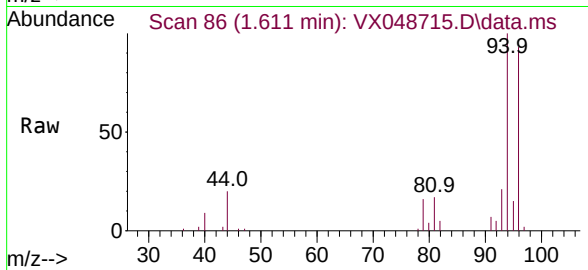
#5
Bromomethane
Concen: 5.186 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 1003
Ion Ratio Lower Upper
94 100
96 92.8 75.2 112.8

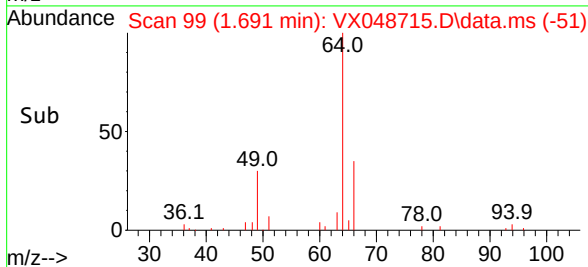
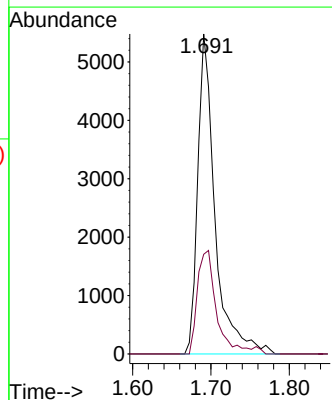
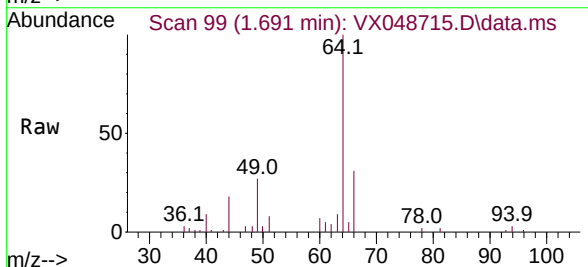
Manual Integrations
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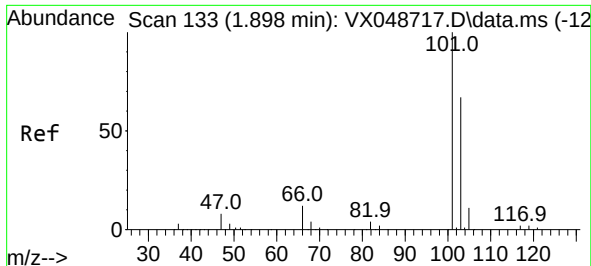
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#6
Chloroethane
Concen: 4.298 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

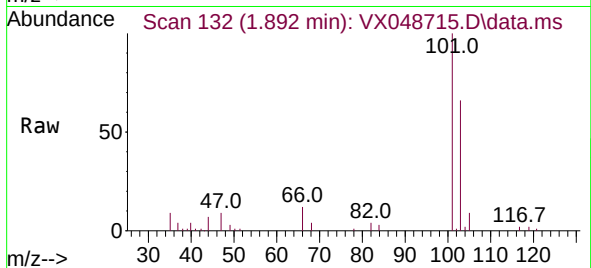
Tgt Ion: 64 Resp: 8374
Ion Ratio Lower Upper
64 100
66 31.1 24.0 36.0





#7
 Trichlorofluoromethane
 Concen: 4.758 ug/l
 RT: 1.892 min Scan# 133
 Delta R.T. -0.006 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16

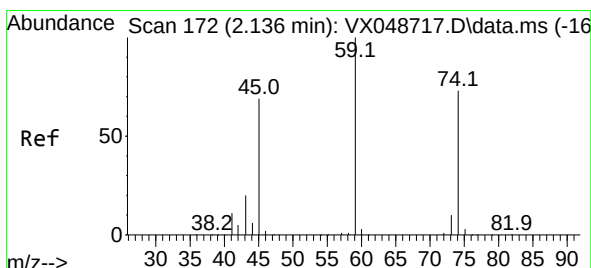
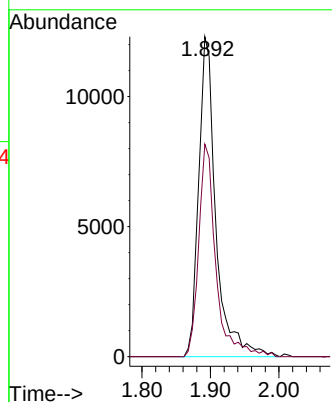
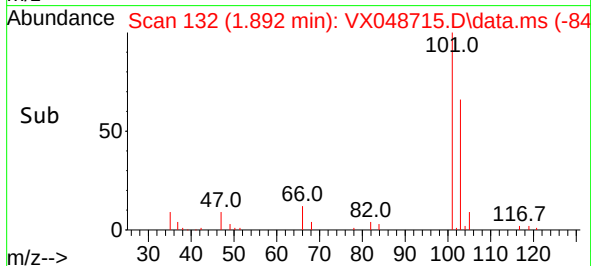
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



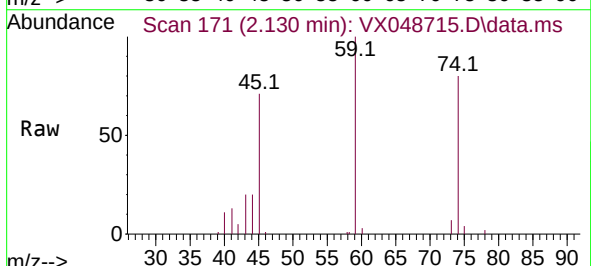
Tgt Ion:101 Resp: 21348
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.4 80.2

Manual Integrations
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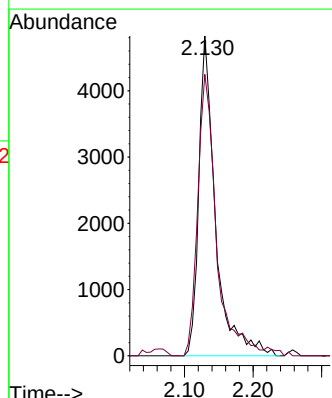
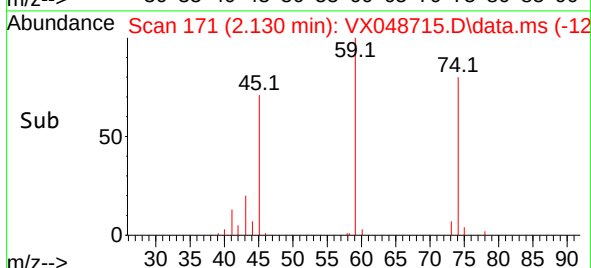
Reviewed By :John Carlone 12/05/2025
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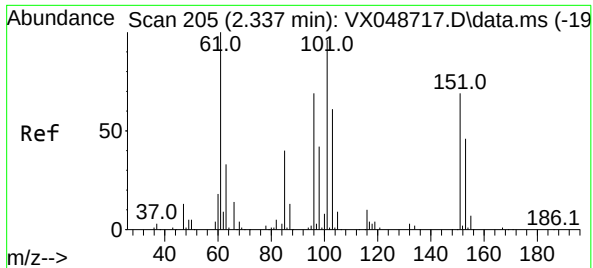


#8
 Diethyl Ether
 Concen: 4.563 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16



Tgt Ion: 74 Resp: 8173
 Ion Ratio Lower Upper
 74 100
 45 97.6 48.9 146.8





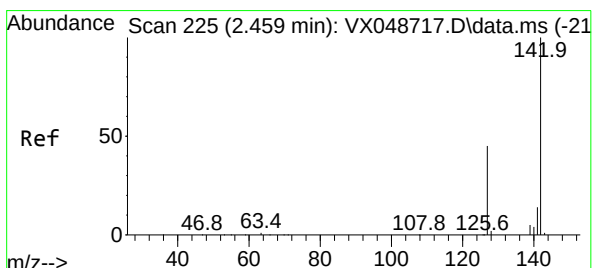
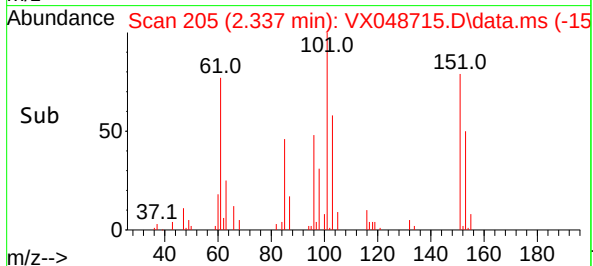
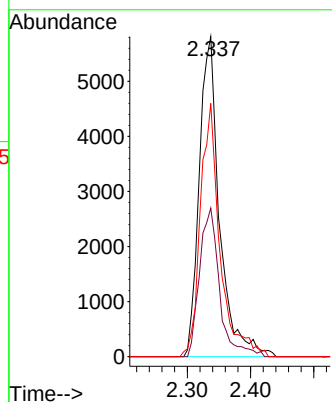
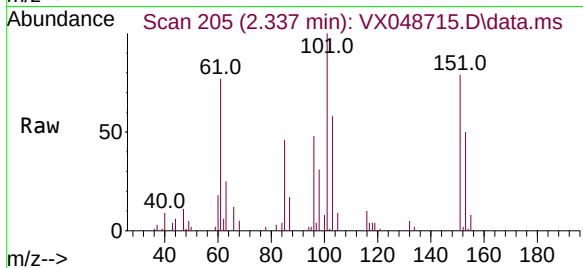
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.963 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 12909
Ion Ratio Lower Upper
101 100
85 45.6 34.2 51.2
151 76.5 60.2 90.4

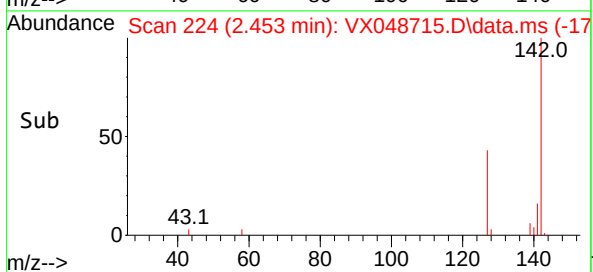
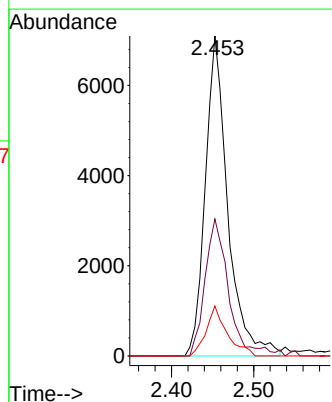
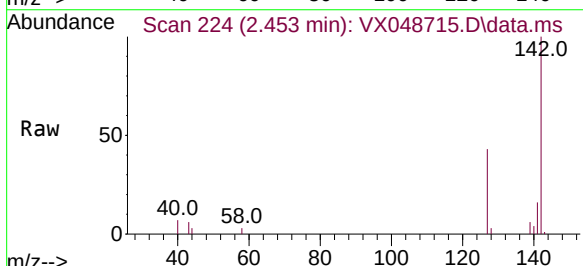
Manual Integrations
APPROVED

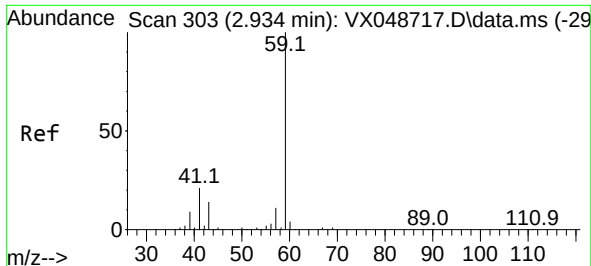
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#10
Methyl Iodide
Concen: 3.635 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion:142 Resp: 13462
Ion Ratio Lower Upper
142 100
127 44.9 35.8 53.6
141 14.4 11.1 16.7





#11

Tert butyl alcohol

Concen: 19.919 ug/l

RT: 2.941 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 9869

Ion Ratio Lower Upper

59 100

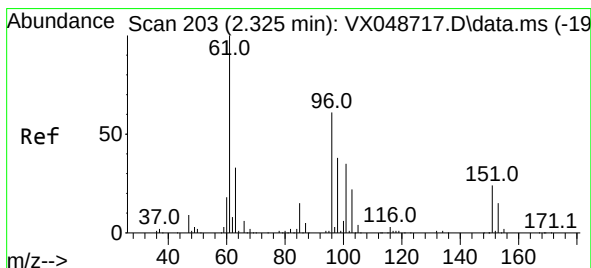
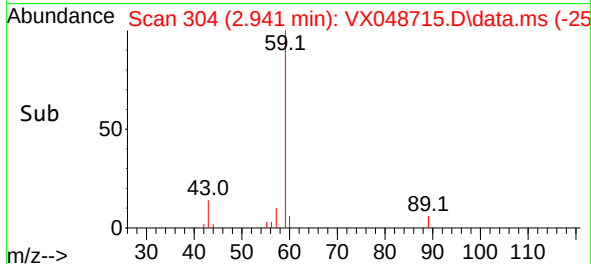
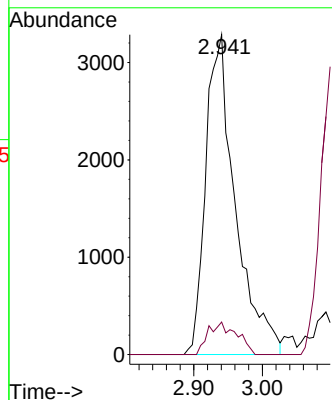
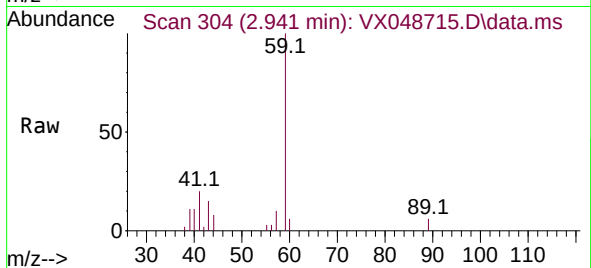
57 9.8 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#12

1,1-Dichloroethene

Concen: 4.592 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

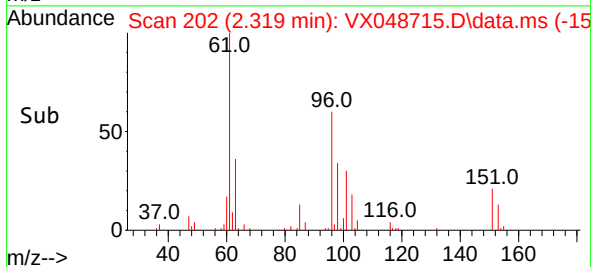
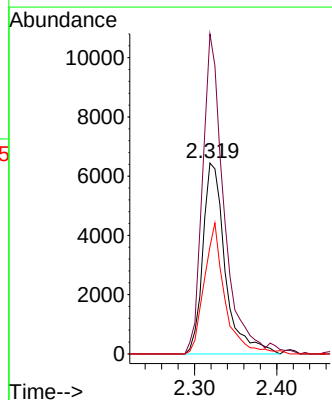
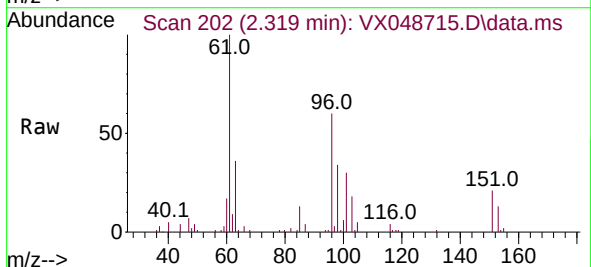
Tgt Ion: 96 Resp: 12191

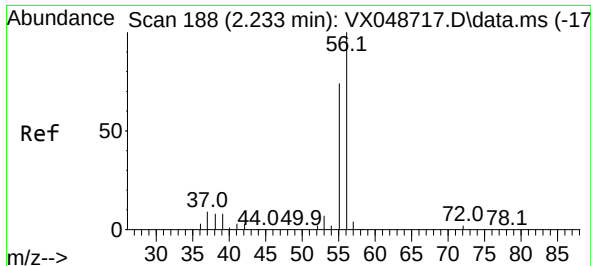
Ion Ratio Lower Upper

96 100

61 167.7 130.7 196.1

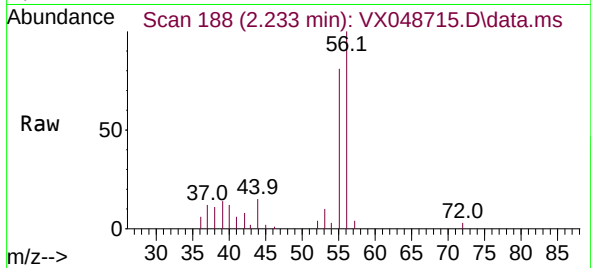
98 56.2 49.8 74.8





#13
Acrolein
Concen: 53.206 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

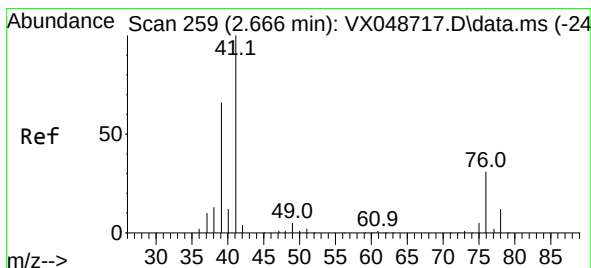
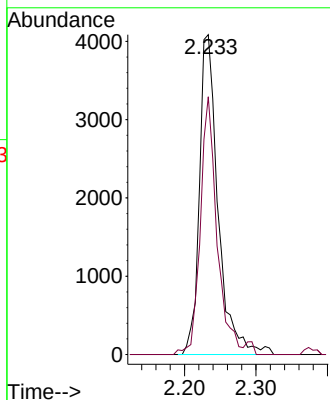
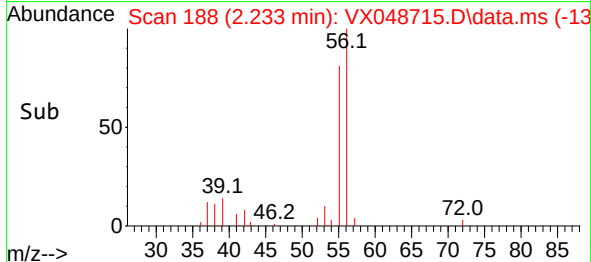
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 7426
Ion Ratio Lower Upper
56 100
55 71.6 55.8 83.6

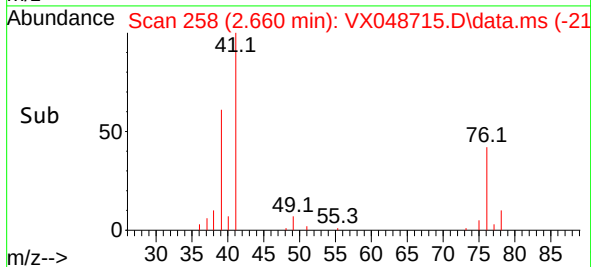
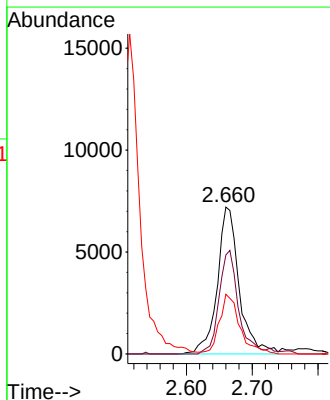
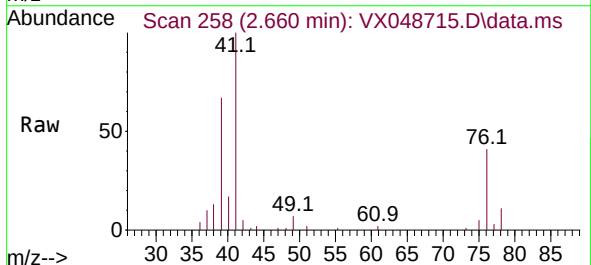
Manual Integrations
APPROVED

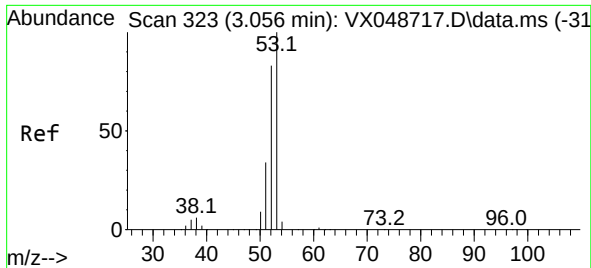
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#14
Allyl chloride
Concen: 3.718 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

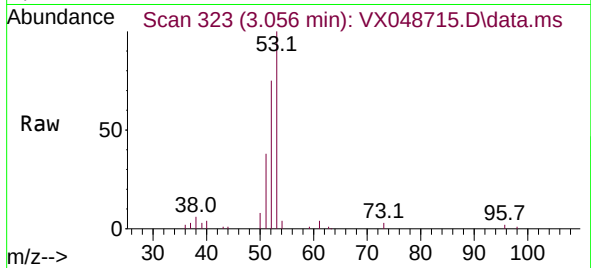
Tgt Ion: 41 Resp: 16575
Ion Ratio Lower Upper
41 100
39 63.3 49.8 74.6
76 37.9 27.3 40.9





#15
Acrylonitrile
Concen: 18.927 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

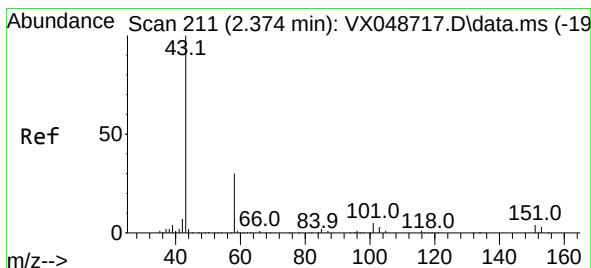
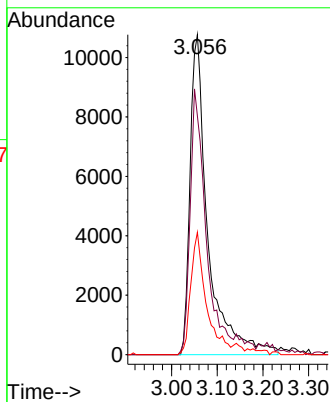
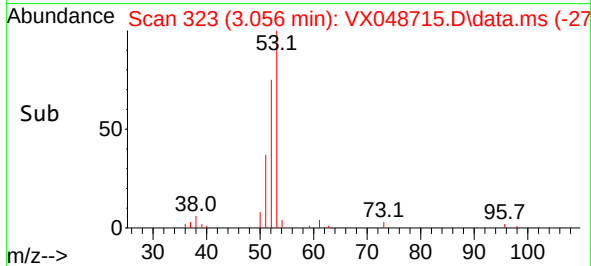
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



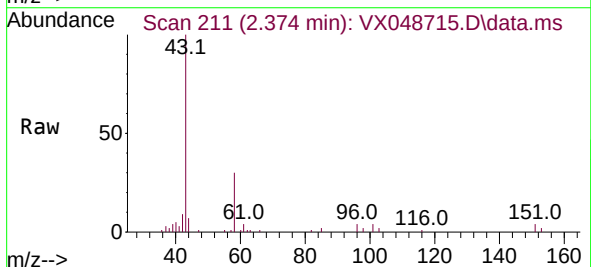
Tgt Ion: 53 Resp: 29219
Ion Ratio Lower Upper
53 100
52 73.6 66.3 99.5
51 33.1 28.7 43.1

Manual Integrations
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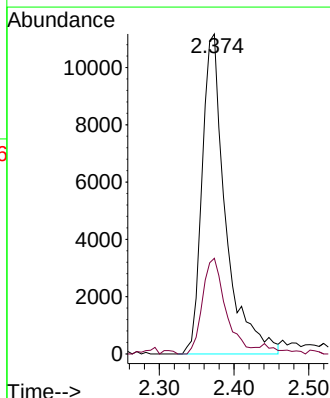
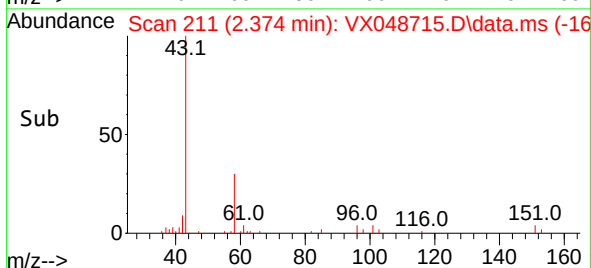
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

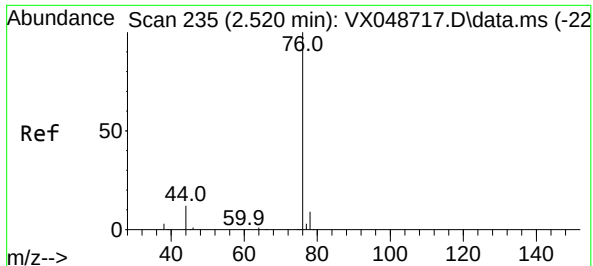


#16
Acetone
Concen: 20.736 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16



Tgt Ion: 43 Resp: 24360
Ion Ratio Lower Upper
43 100
58 29.9 25.0 37.4





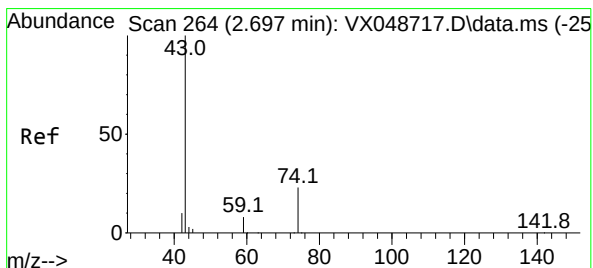
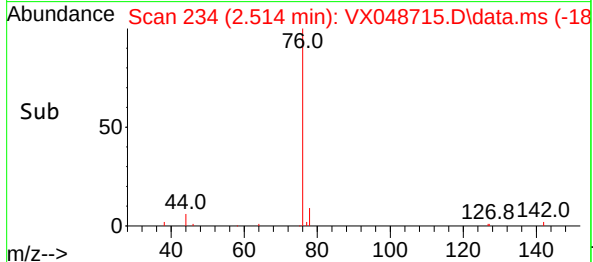
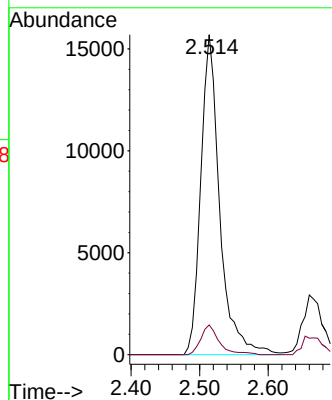
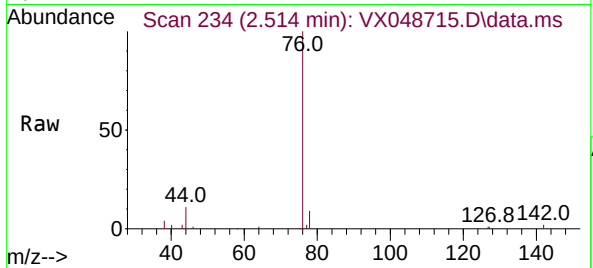
#17
Carbon Disulfide
Concen: 3.896 ug/l
RT: 2.514 min Scan# 235
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 30036
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

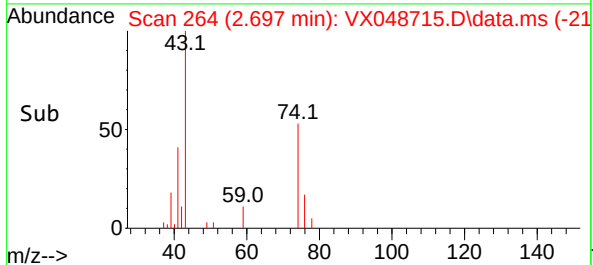
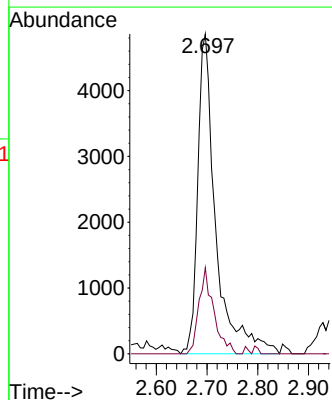
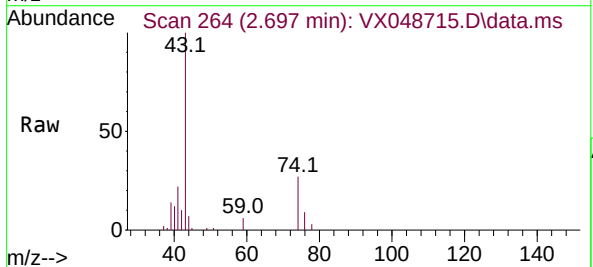
Manual Integrations
APPROVED

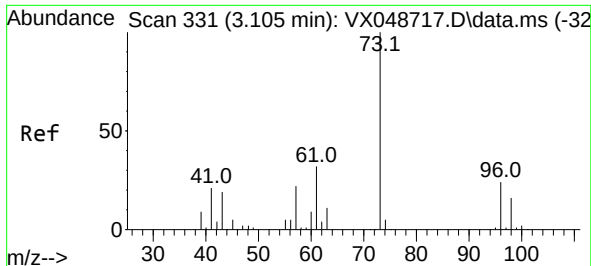
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#18
Methyl Acetate
Concen: 3.634 ug/l m
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 43 Resp: 12011
Ion Ratio Lower Upper
43 100
74 22.2 19.2 28.8





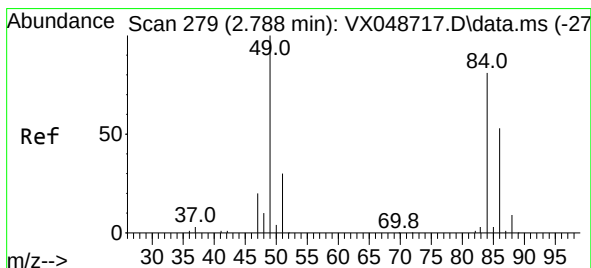
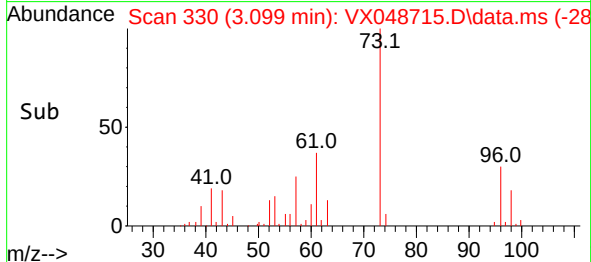
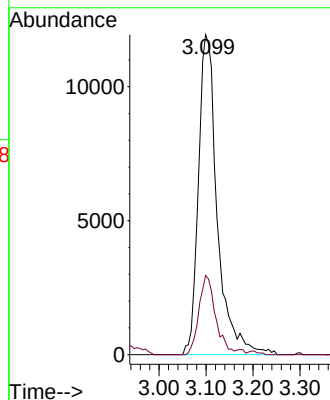
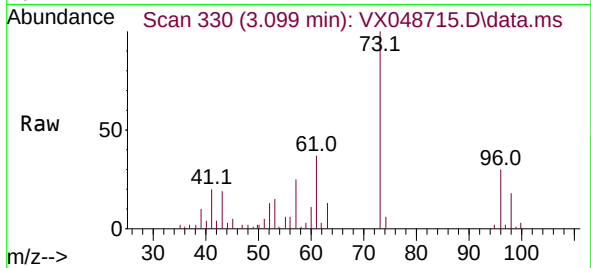
#19
Methyl tert-butyl Ether
Concen: 3.843 ug/l
RT: 3.099 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 33202
Ion Ratio Lower Upper
73 100
57 24.8 17.8 26.6

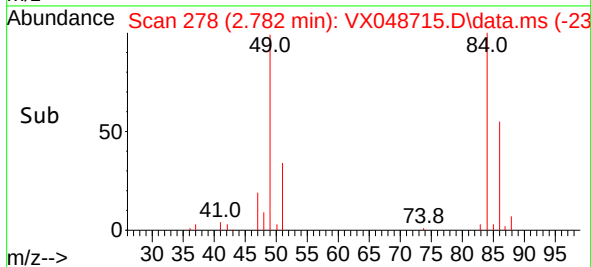
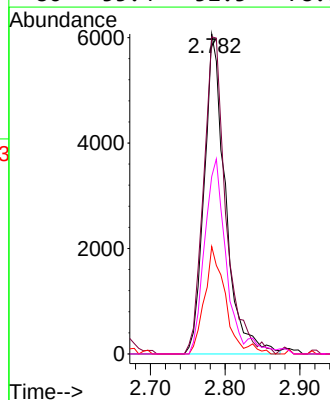
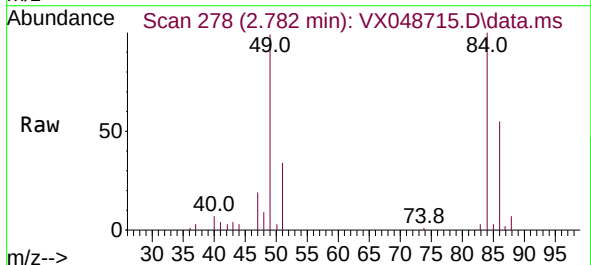
Manual Integrations
APPROVED

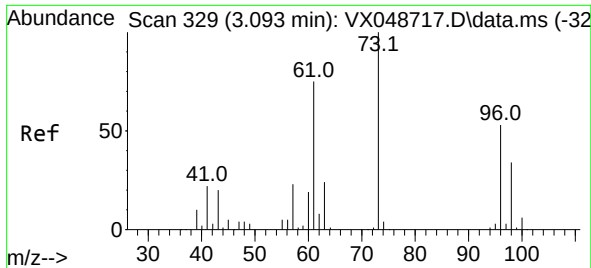
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#20
Methylene Chloride
Concen: 4.079 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

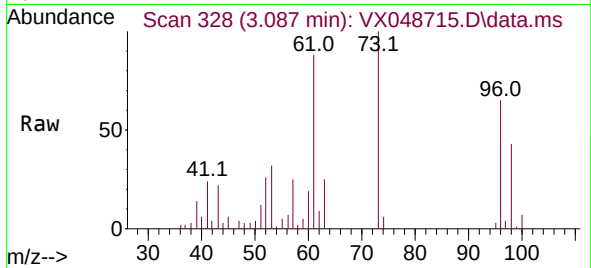
Tgt Ion: 84 Resp: 11979
Ion Ratio Lower Upper
84 100
49 99.1 98.7 148.1
51 33.5 29.4 44.2
86 55.4 52.5 78.7





#21
trans-1,2-Dichloroethene
Concen: 4.108 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

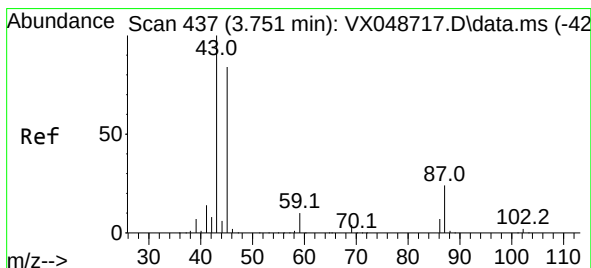
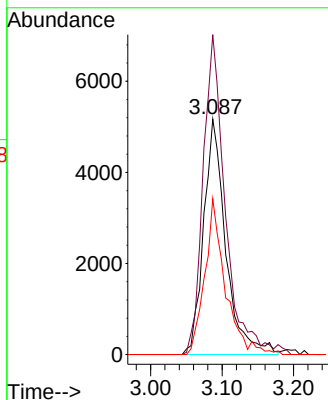
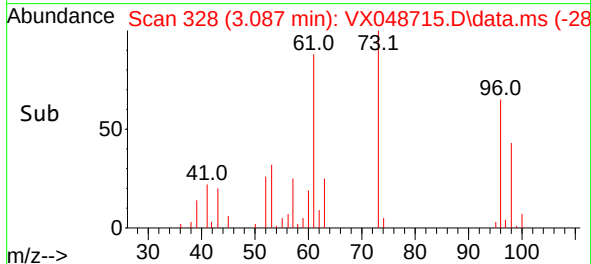
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



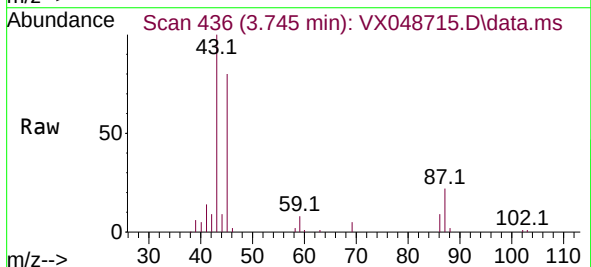
Tgt Ion: 96 Resp: 1113
Ion Ratio Lower Upper
96 100
61 135.8 112.8 169.2
98 66.2 51.0 76.4

Manual Integrations
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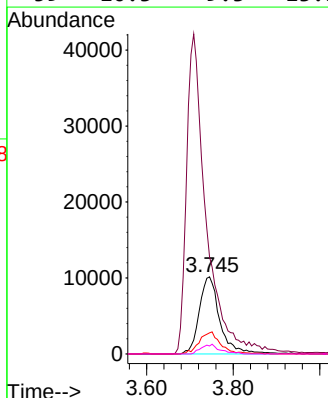
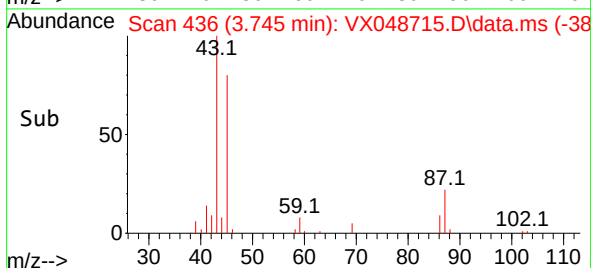
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

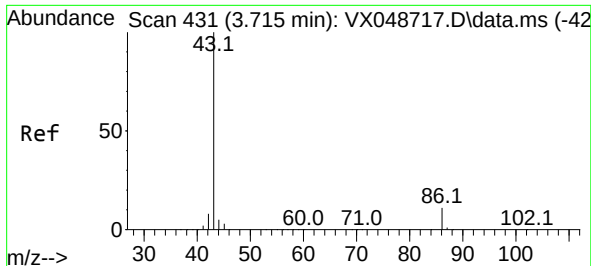


#22
Diisopropyl ether
Concen: 4.000 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16



Tgt Ion: 45 Resp: 33324
Ion Ratio Lower Upper
45 100
43 121.7 94.9 142.3
87 27.3 23.2 34.8
59 10.3 9.3 13.9





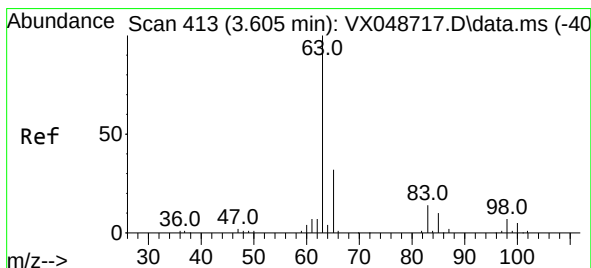
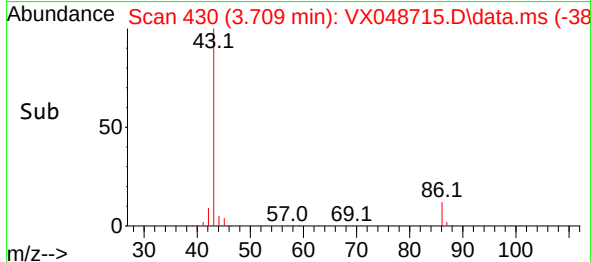
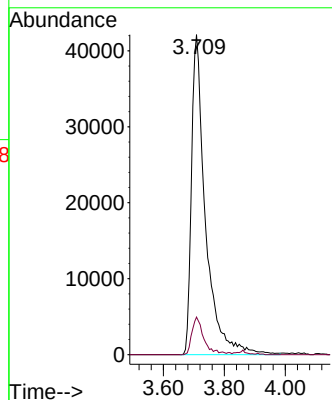
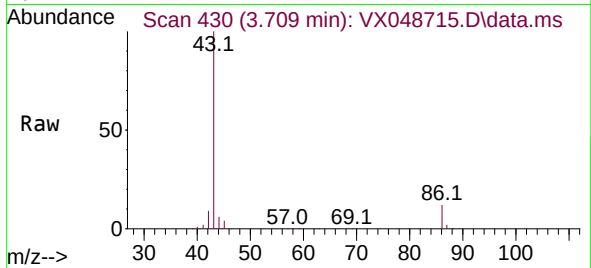
#23
 Vinyl Acetate
 Concen: 19.207 ug/l
 RT: 3.709 min Scan# 431
 Delta R.T. -0.006 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 134450
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.2 13.8

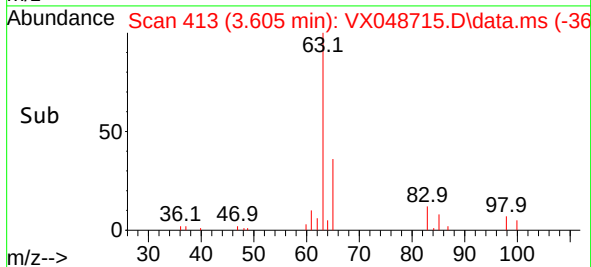
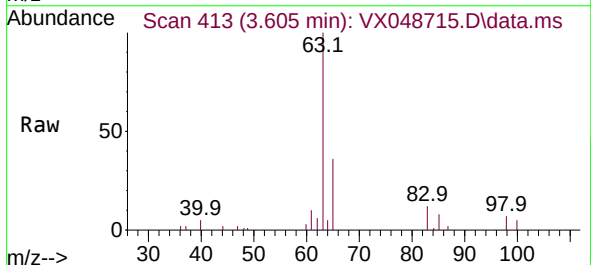
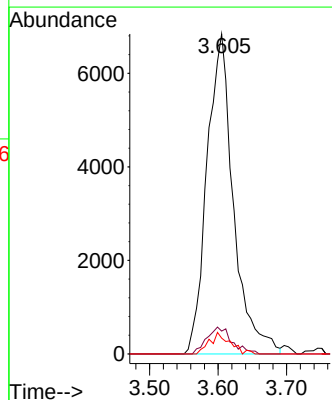
Manual Integrations
 APPROVED

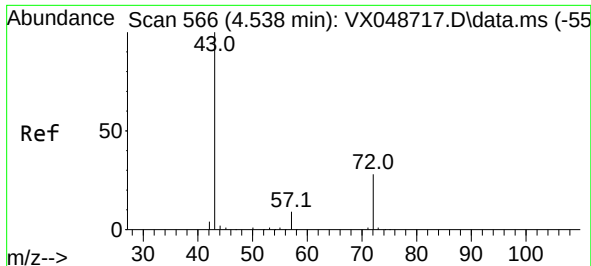
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#24
 1,1-Dichloroethane
 Concen: 3.951 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16

Tgt Ion: 63 Resp: 18354
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 5.0 2.5 7.4





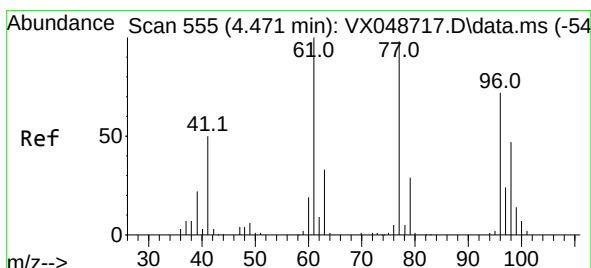
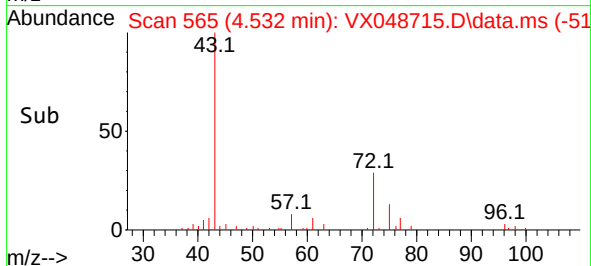
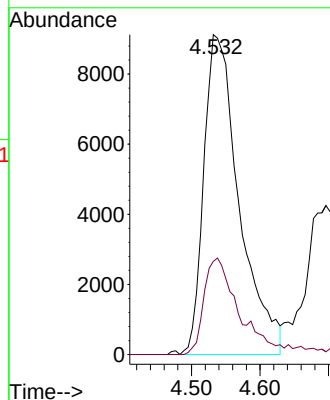
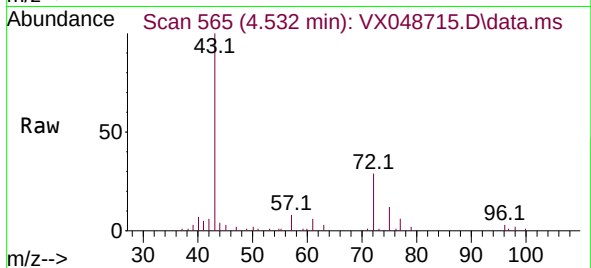
#25
2-Butanone
Concen: 18.877 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 32730
Ion Ratio Lower Upper
43 100
72 29.1 22.6 34.0

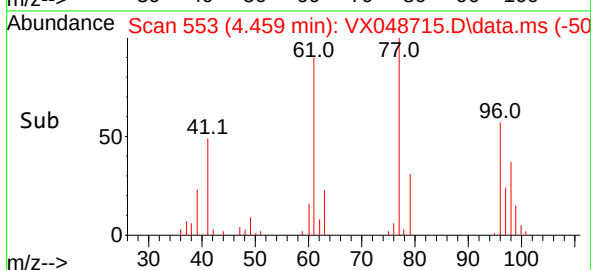
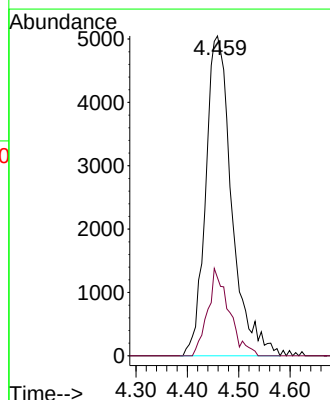
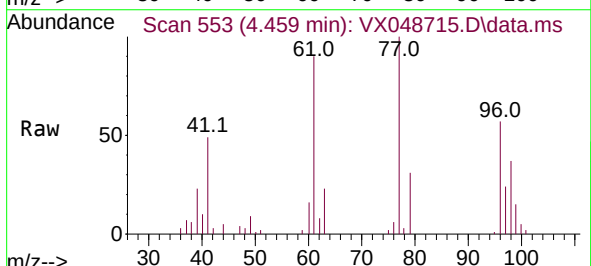
Manual Integrations
APPROVED

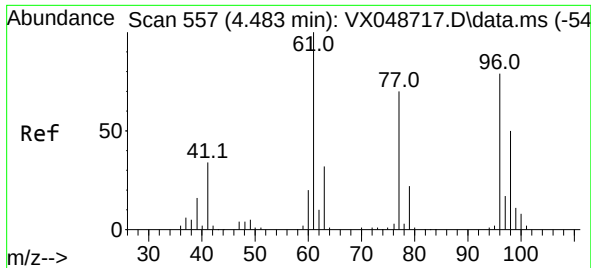
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#26
2,2-Dichloropropane
Concen: 4.336 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 77 Resp: 17823
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.8





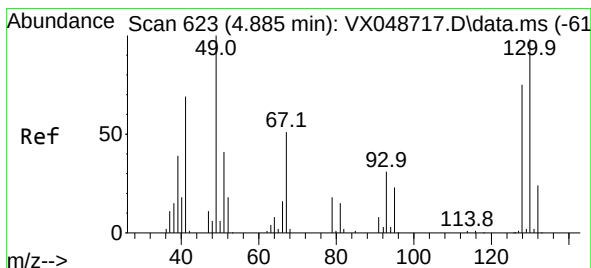
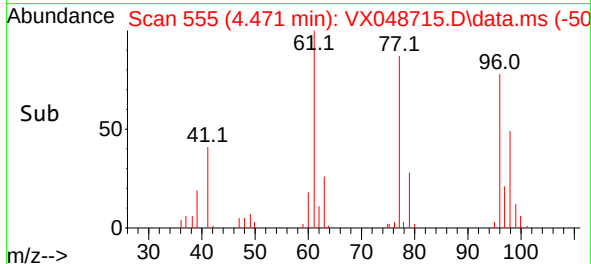
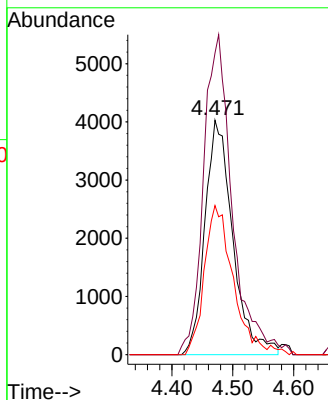
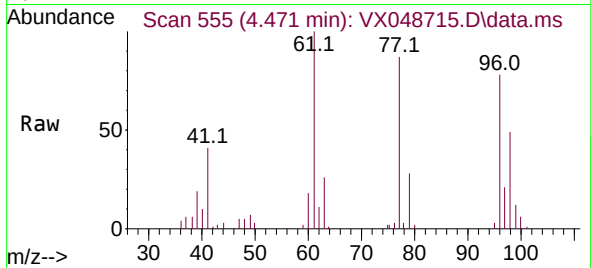
#27
 cis-1,2-Dichloroethene
 Concen: 4.177 ug/l
 RT: 4.471 min Scan# 557
 Delta R.T. -0.012 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 12772
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 271.0
 98 64.8 0.0 130.2

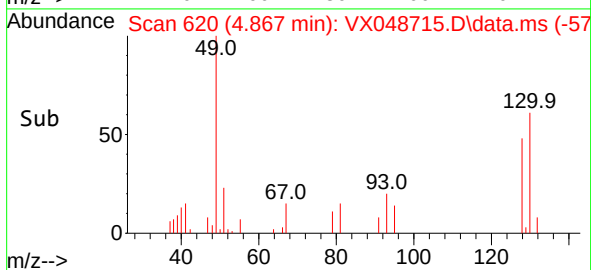
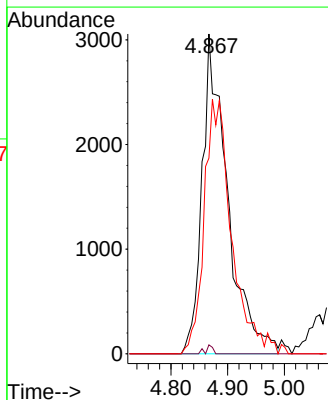
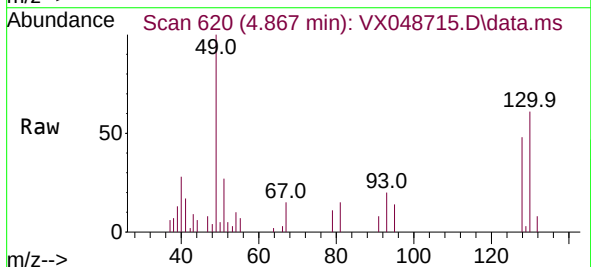
Manual Integrations
 APPROVED

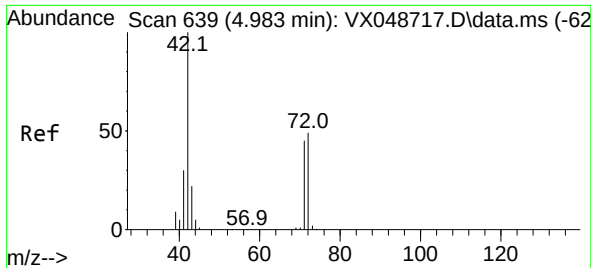
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#28
 Bromochloromethane
 Concen: 4.181 ug/l
 RT: 4.867 min Scan# 620
 Delta R.T. -0.018 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16

Tgt Ion: 49 Resp: 9519
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.0
 130 83.9 73.9 110.9





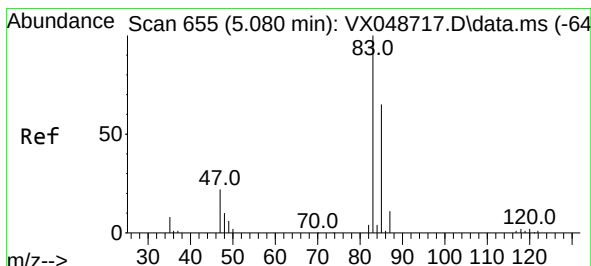
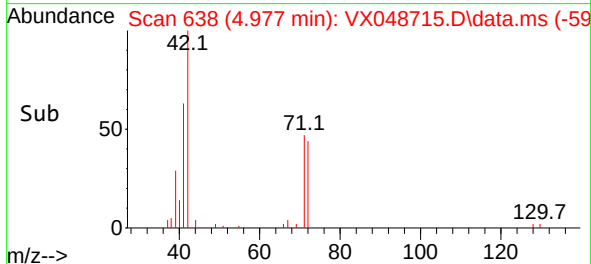
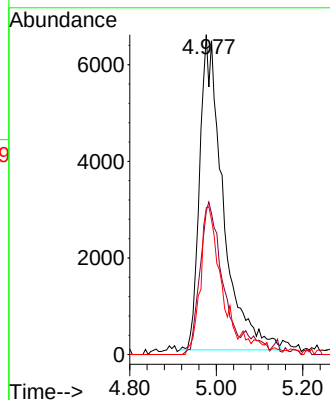
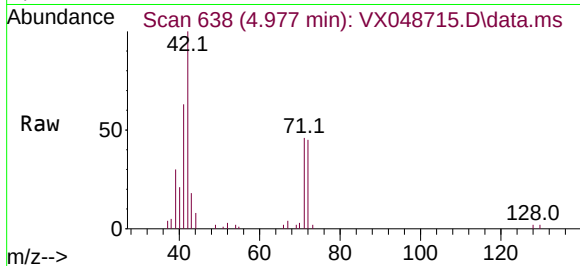
#29
Tetrahydrofuran
Concen: 18.488 ug/l
RT: 4.977 min Scan# 639
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 2447
Ion Ratio Lower Upper
42 100
72 45.3 39.4 59.2
71 40.7 35.8 53.6

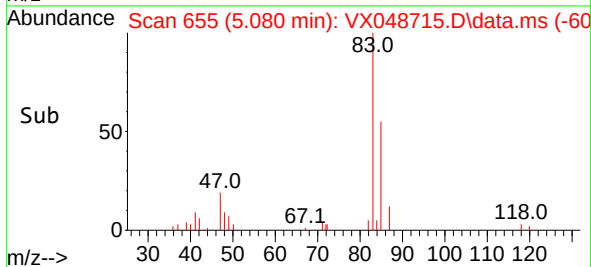
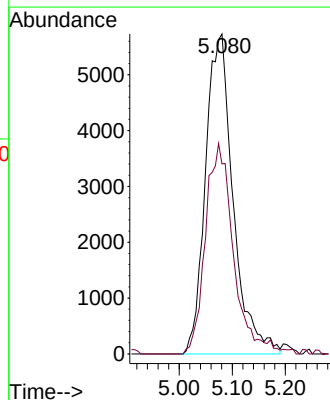
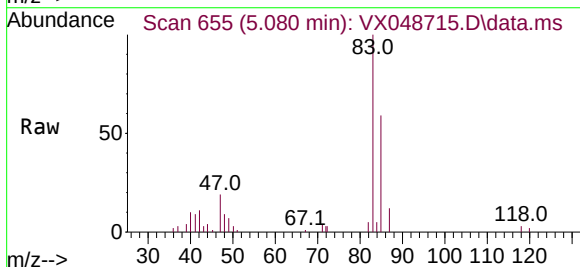
Manual Integrations
APPROVED

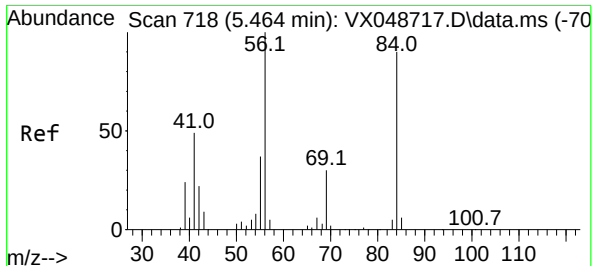
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#30
Chloroform
Concen: 4.158 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 83 Resp: 20698
Ion Ratio Lower Upper
83 100
85 59.4 52.1 78.1





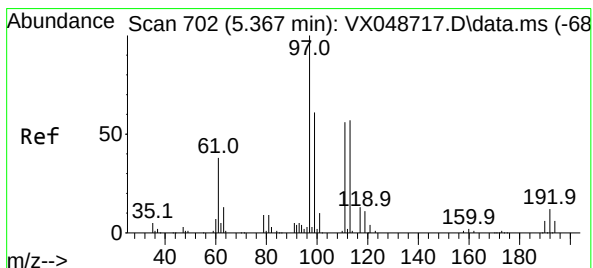
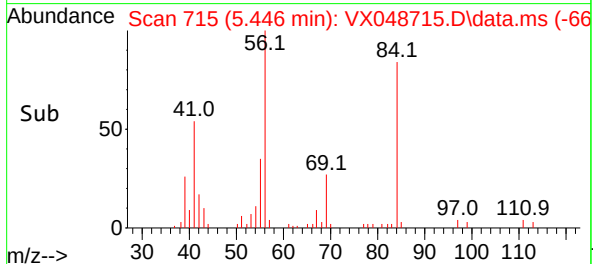
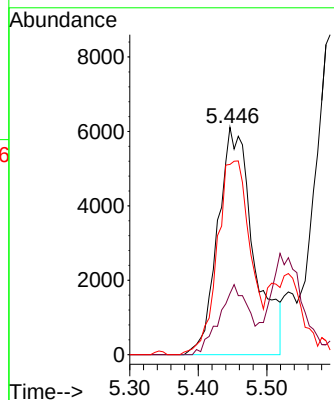
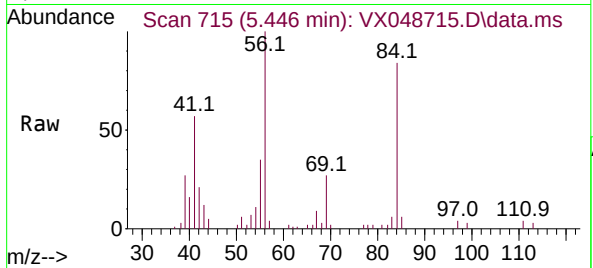
#31
Cyclohexane
Concen: 5.344 ug/l
RT: 5.446 min Scan# 718
Delta R.T. -0.018 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 22164
Ion Ratio Lower Upper
56 100
69 26.8 24.2 36.2
84 83.7 72.1 108.1

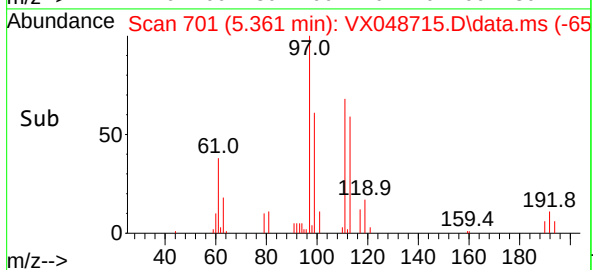
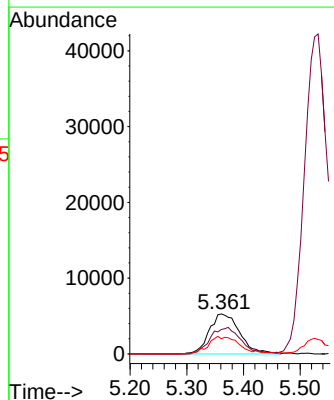
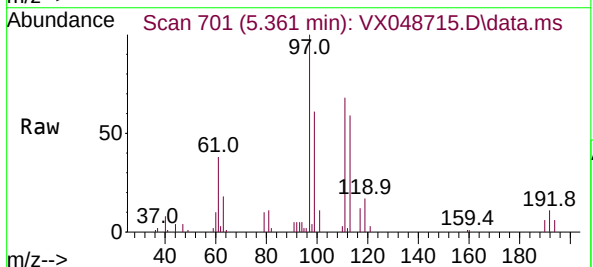
Manual Integrations
APPROVED

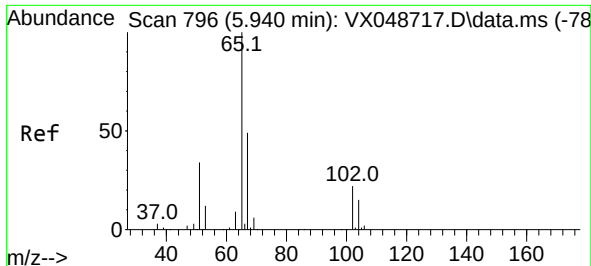
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#32
1,1,1-Trichloroethane
Concen: 4.402 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 97 Resp: 19635
Ion Ratio Lower Upper
97 100
99 66.6 50.5 75.7
61 44.2 30.6 45.8





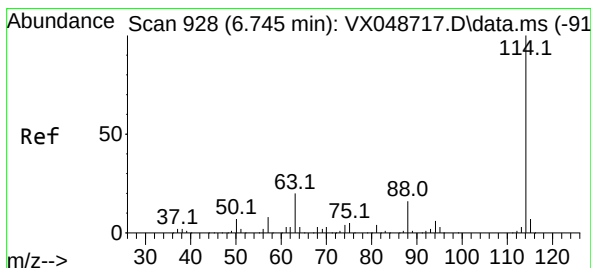
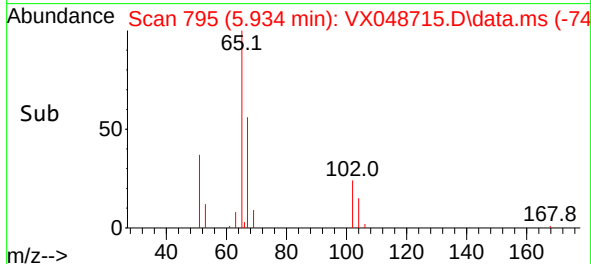
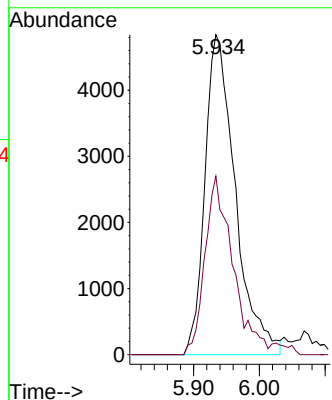
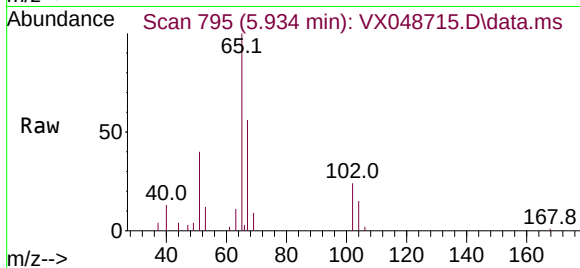
#33
1,2-Dichloroethane-d4
Concen: 5.044 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 15478
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

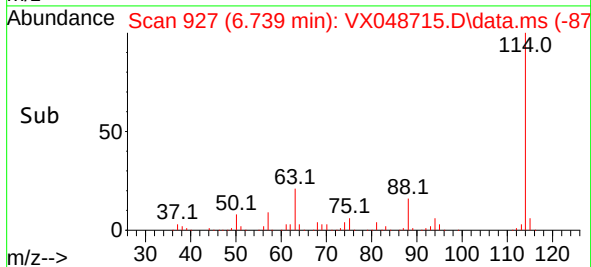
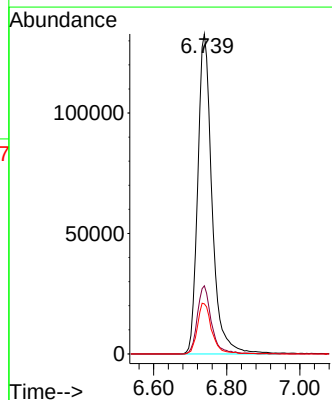
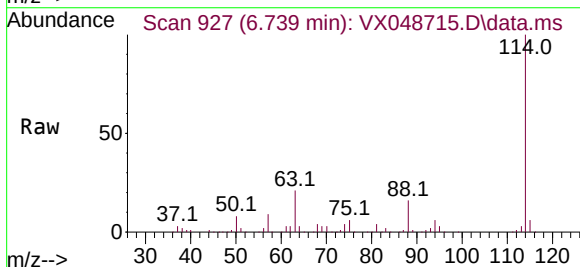
Manual Integrations
APPROVED

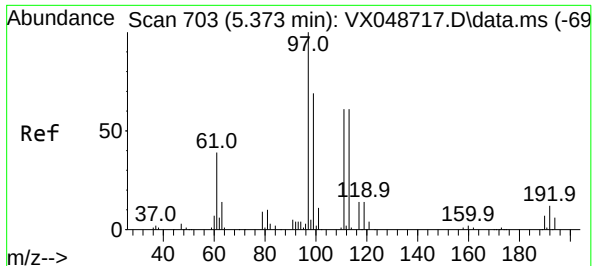
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion:114 Resp: 358720
Ion Ratio Lower Upper
114 100
63 21.3 0.0 39.0
88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 4.594 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 11348

Ion Ratio Lower Upper

113 100

111 109.6 79.5 119.3

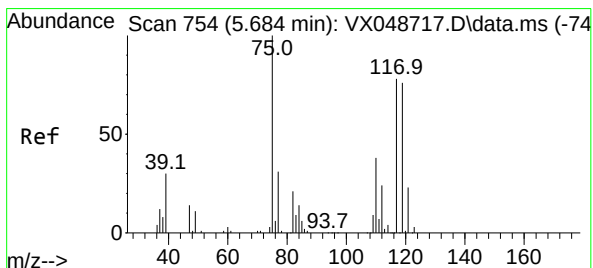
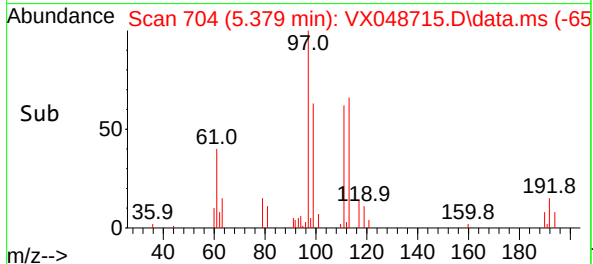
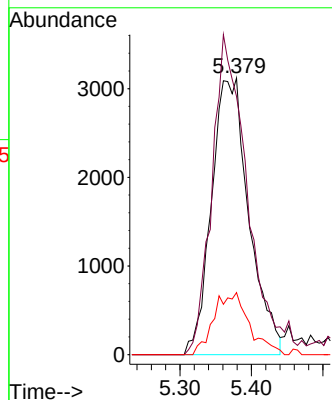
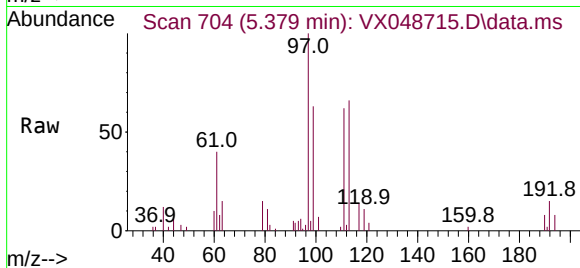
192 21.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#36

1,1-Dichloropropene

Concen: 4.889 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.012 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

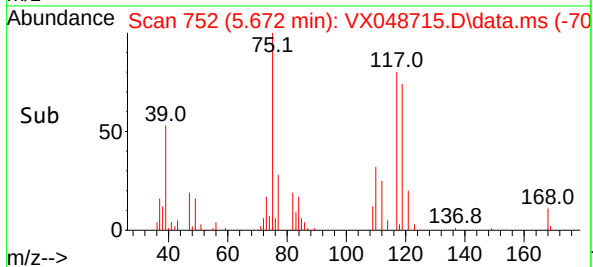
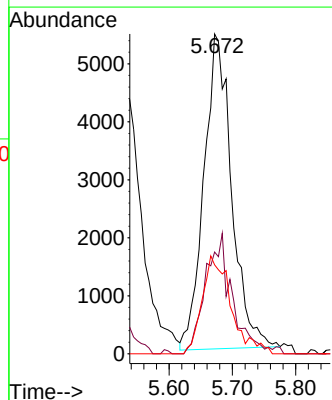
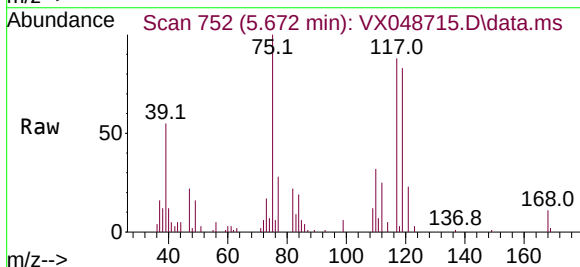
Tgt Ion: 75 Resp: 16539

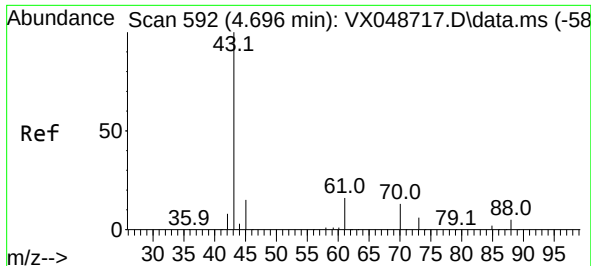
Ion Ratio Lower Upper

75 100

110 37.2 18.6 55.8

77 32.5 25.3 37.9





#37

Ethyl Acetate

Concen: 4.203 ug/l m

RT: 4.696 min Scan# 592

Delta R.T. -0.000 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 16990

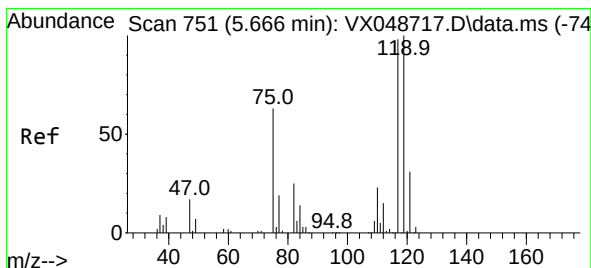
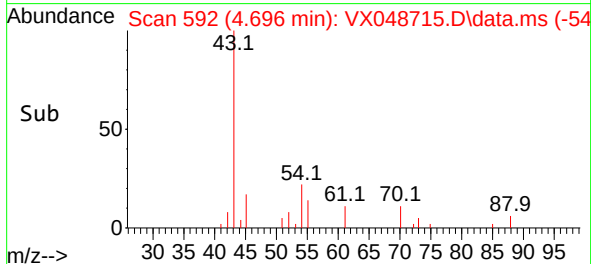
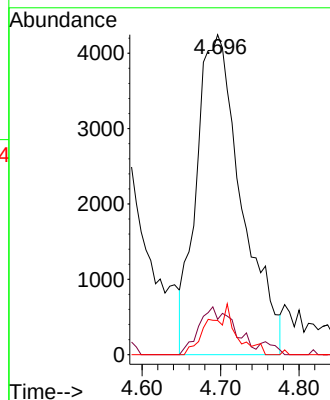
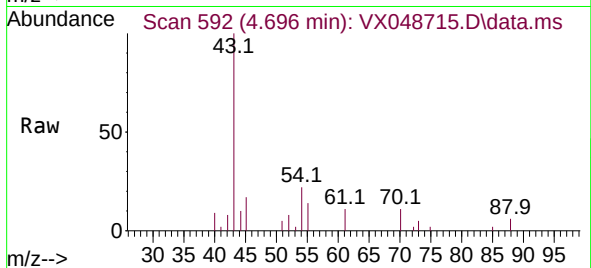
Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.7	14.5
70	9.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#38

Carbon Tetrachloride

Concen: 5.357 ug/l

RT: 5.653 min Scan# 749

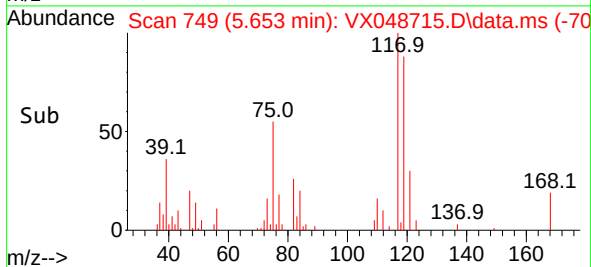
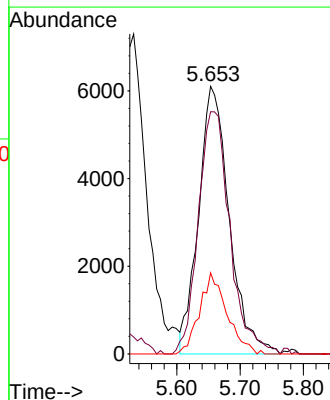
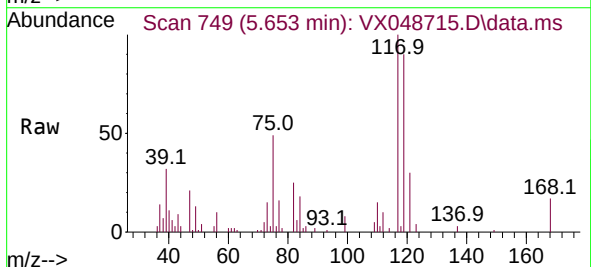
Delta R.T. -0.012 min

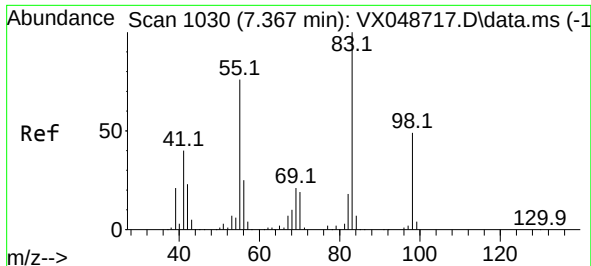
Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Tgt Ion:117 Resp: 20529

Ion	Ratio	Lower	Upper
117	100		
119	90.5	80.5	120.7
121	30.3	25.4	38.0





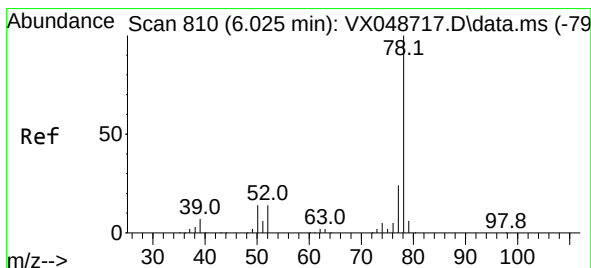
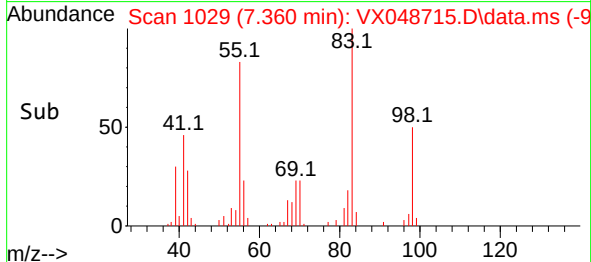
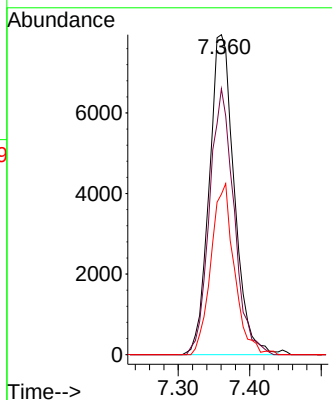
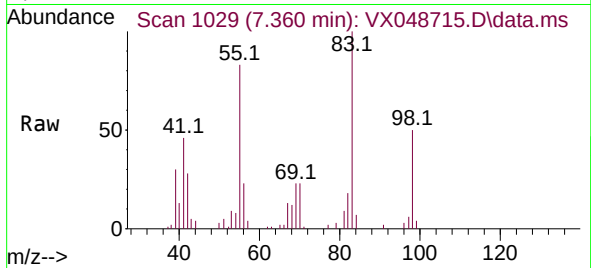
#39
Methylcyclohexane
Concen: 4.840 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 19359
Ion Ratio Lower Upper
83 100
55 83.1 60.6 90.8
98 50.1 39.3 58.9

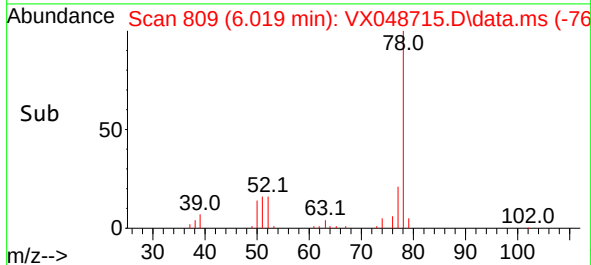
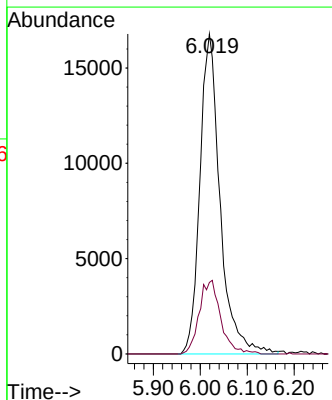
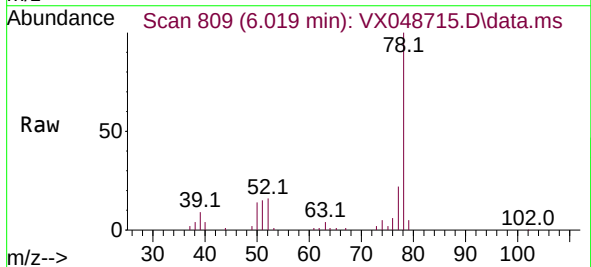
Manual Integrations
APPROVED

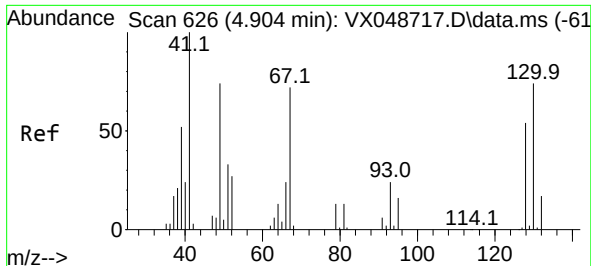
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#40
Benzene
Concen: 4.994 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 78 Resp: 50087
Ion Ratio Lower Upper
78 100
77 22.3 18.8 28.2





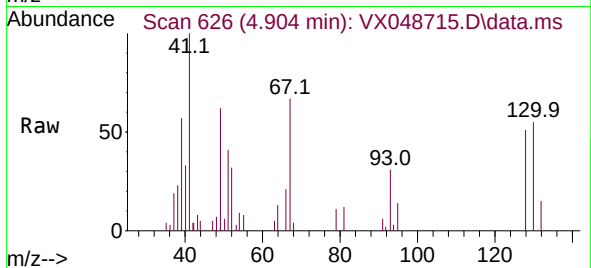
#41
Methacrylonitrile
Concen: 4.005 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



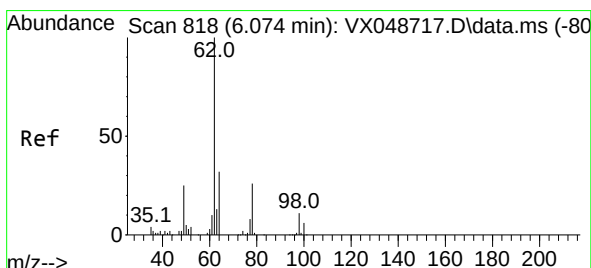
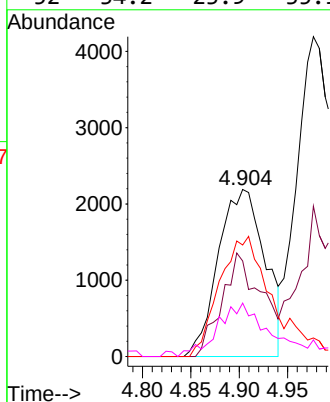
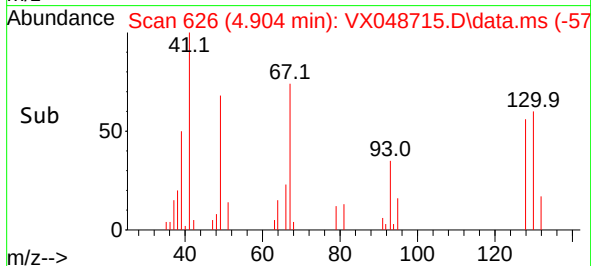
Tgt Ion: 41 Resp: 7366
Ion Ratio Lower Upper
41 100
39 52.6 42.3 63.5
67 81.3 66.6 100.0
52 34.2 23.9 35.9

Manual Integrations

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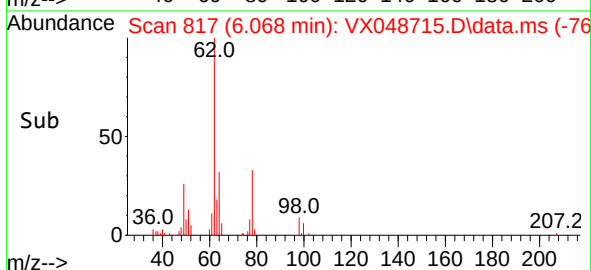
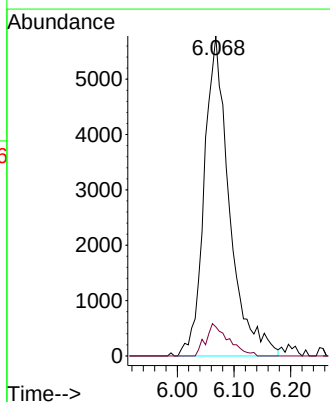
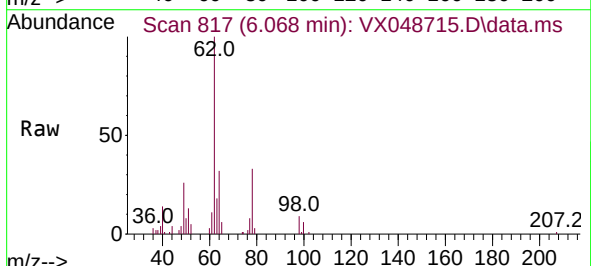
Reviewed By :John Carlone 12/05/2025

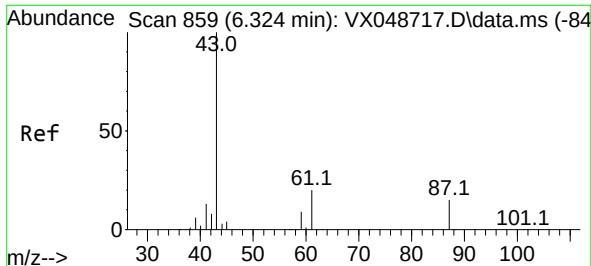
Supervised By :Semsettin Yesilyurt 12/05/2025



#42
1,2-Dichloroethane
Concen: 5.024 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 62 Resp: 17832
Ion Ratio Lower Upper
62 100
98 9.0 0.0 20.2





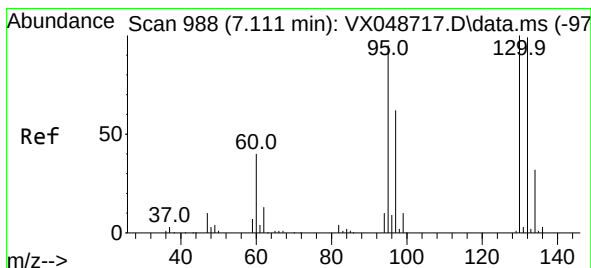
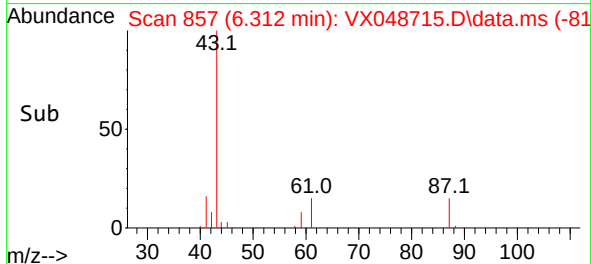
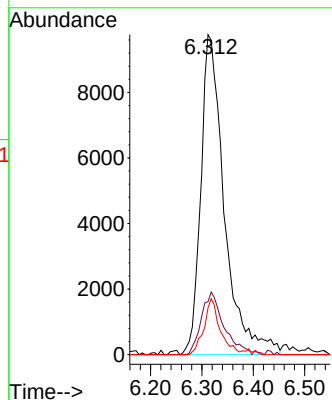
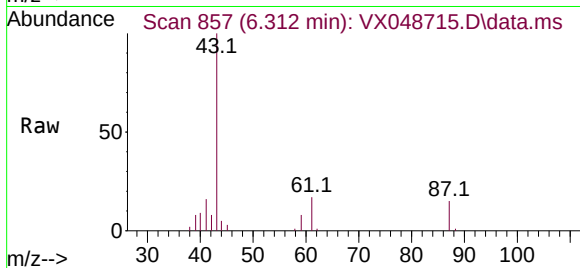
#43
Isopropyl Acetate
Concen: 5.082 ug/l
RT: 6.312 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3110
Ion Ratio Lower Upper
43 100
61 18.8 16.8 25.2
87 12.0 11.8 17.6

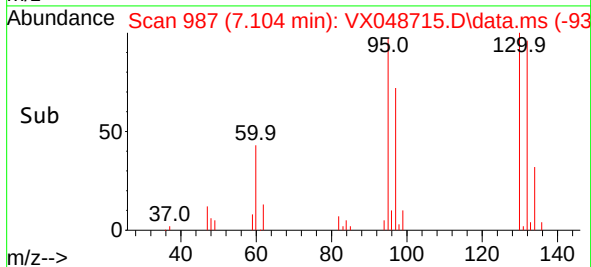
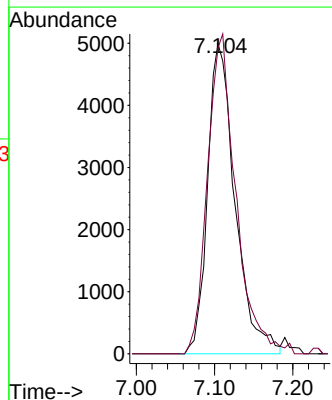
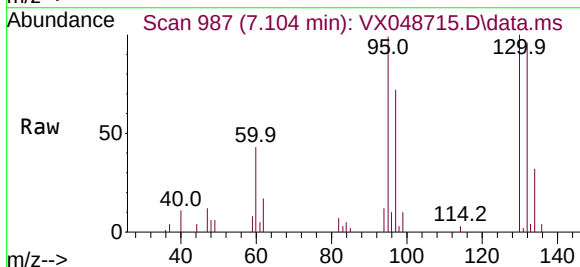
Manual Integrations
APPROVED

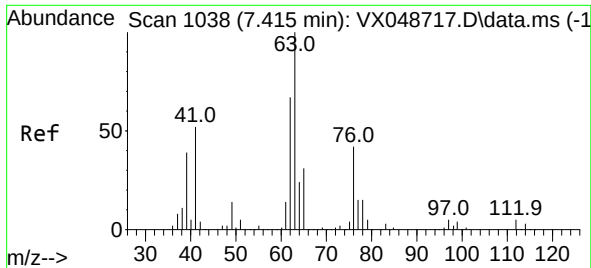
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#44
Trichloroethene
Concen: 4.665 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion:130 Resp: 12207
Ion Ratio Lower Upper
130 100
95 98.6 0.0 189.6





#45

1,2-Dichloropropane

Concen: 4.879 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 12229

Ion Ratio Lower Upper

63 100

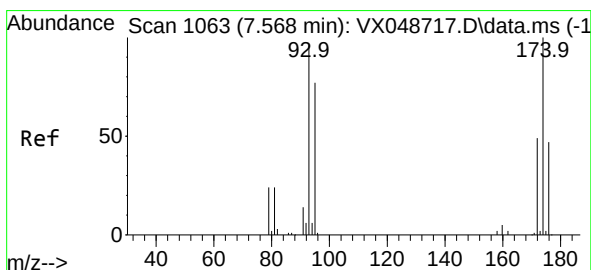
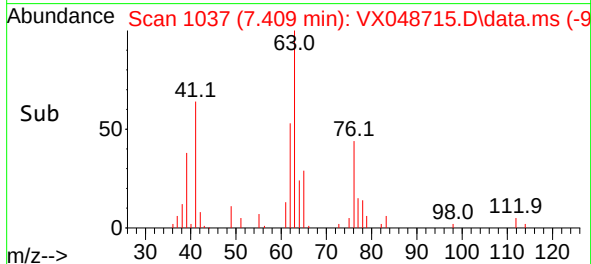
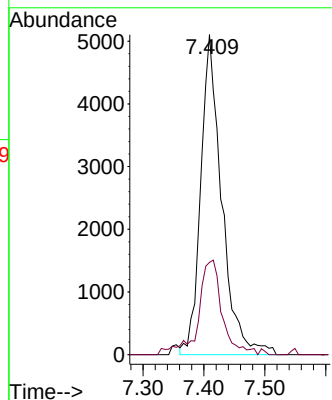
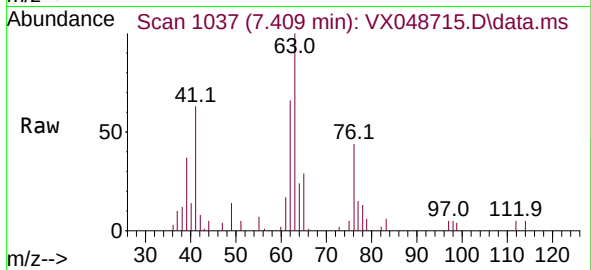
65 28.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#46

Dibromomethane

Concen: 4.859 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

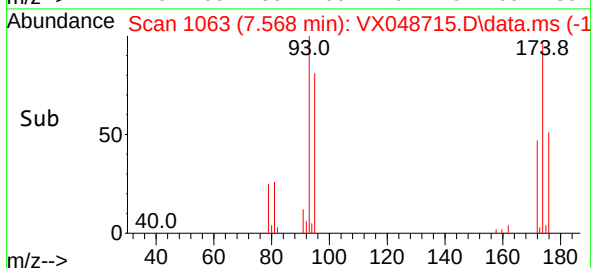
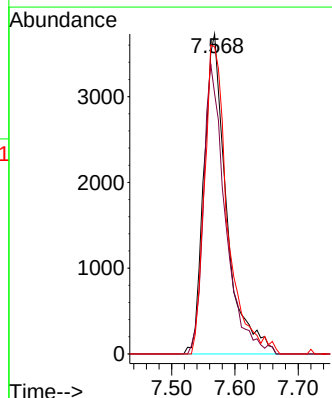
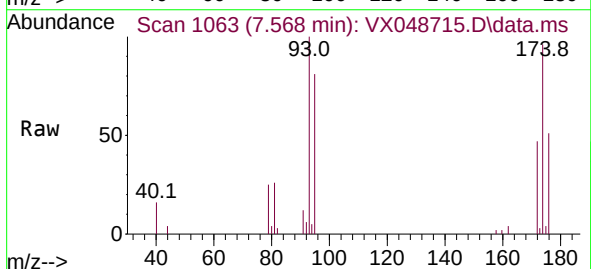
Tgt Ion: 93 Resp: 9236

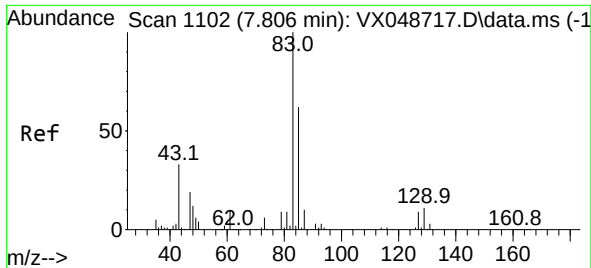
Ion Ratio Lower Upper

93 100

95 87.4 65.5 98.3

174 99.0 82.0 123.0





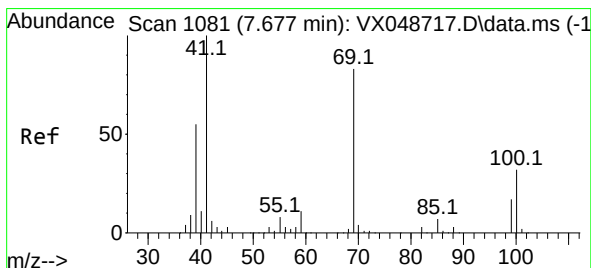
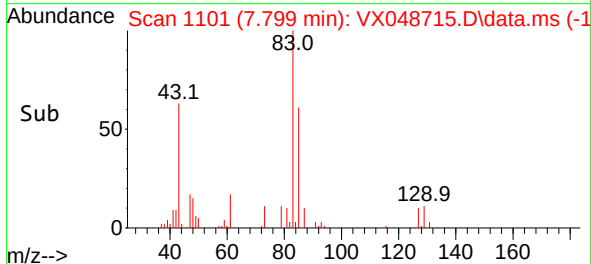
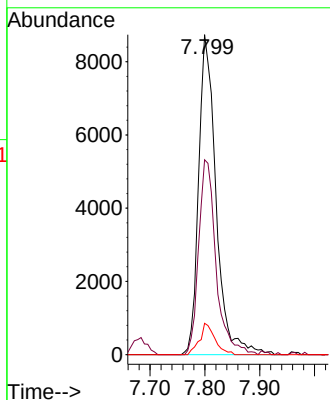
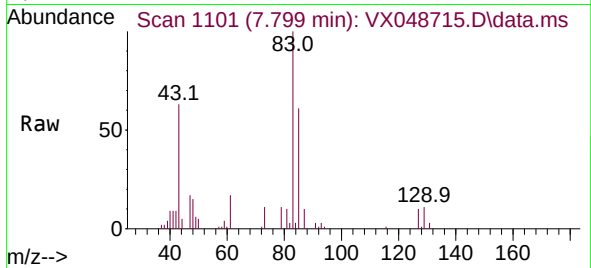
#47
Bromodichloromethane
Concen: 4.873 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1931
Ion Ratio Lower Upper
83 100
85 60.9 49.8 74.8
127 9.8 7.1 10.7

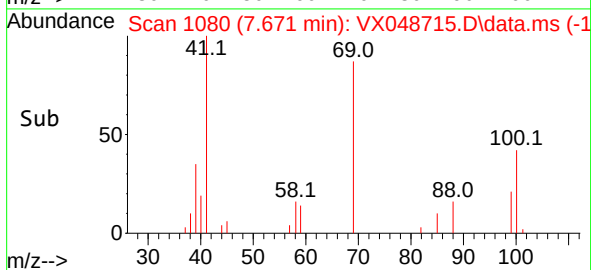
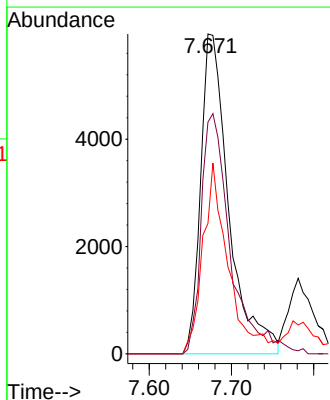
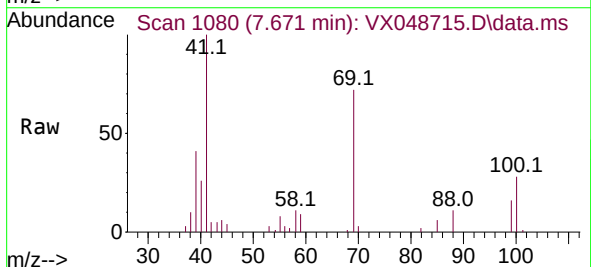
Manual Integrations
APPROVED

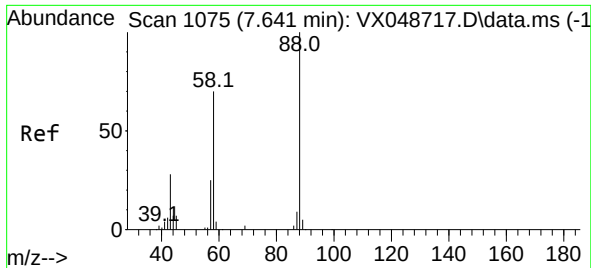
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#48
Methyl methacrylate
Concen: 4.603 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

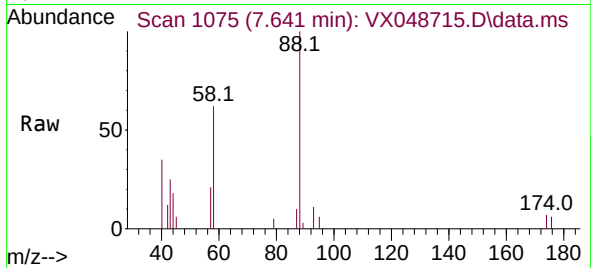
Tgt Ion: 41 Resp: 14173
Ion Ratio Lower Upper
41 100
69 78.0 68.5 102.7
39 54.4 43.5 65.3





#49
1,4-Dioxane
Concen: 89.028 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

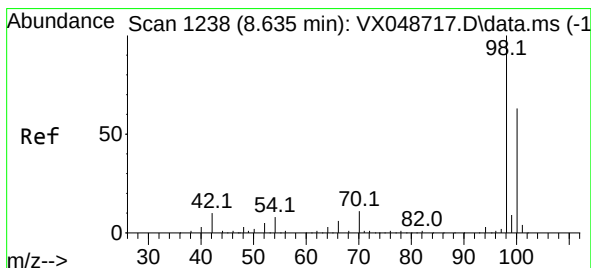
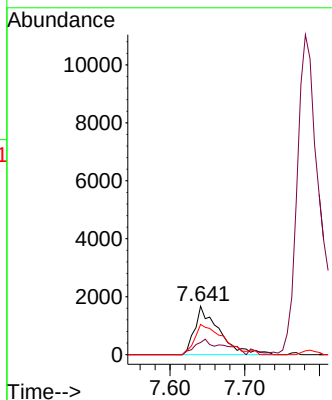
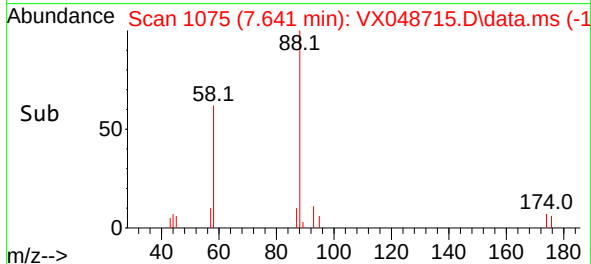
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 3770
Ion Ratio Lower Upper
88 100
43 21.6 28.6 43.0
58 73.5 58.0 87.0

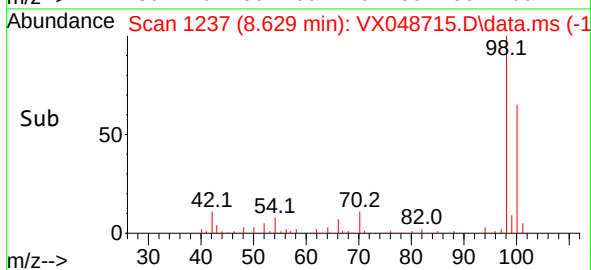
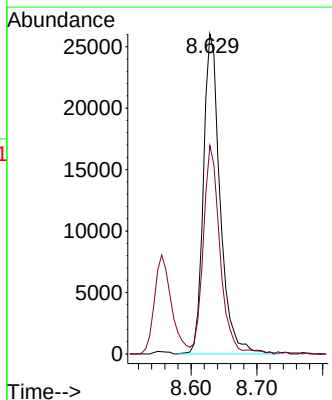
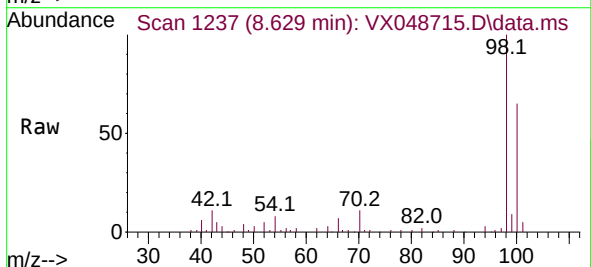
Manual Integrations
APPROVED

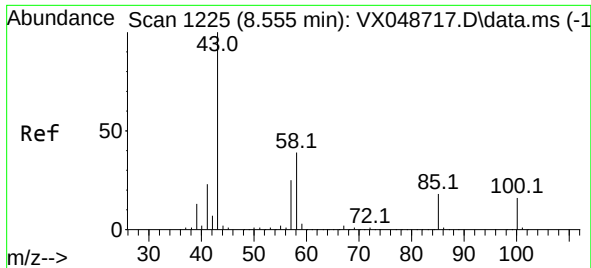
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#50
Toluene-d8
Concen: 5.307 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

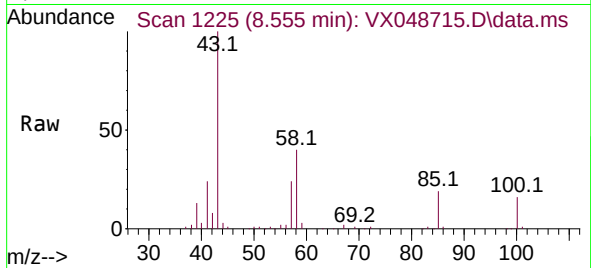
Tgt Ion: 98 Resp: 45948
Ion Ratio Lower Upper
98 100
100 65.3 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 25.688 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

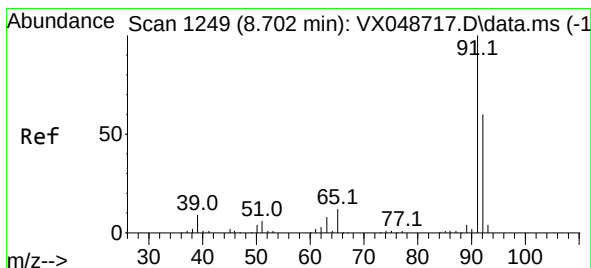
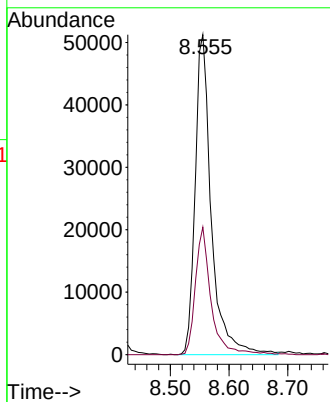
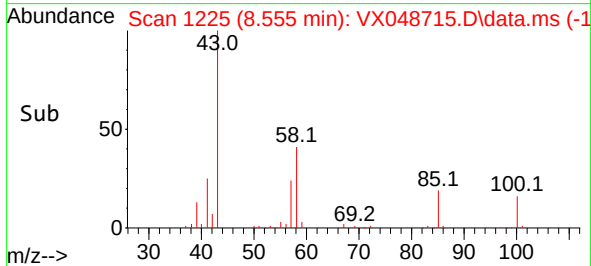
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 97596
Ion Ratio Lower Upper
43 100
58 38.7 32.2 48.4

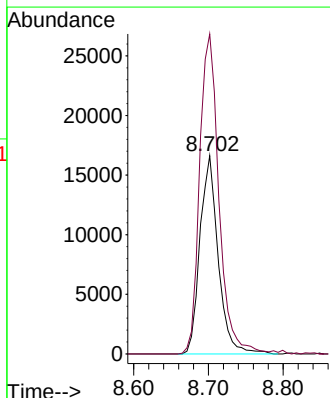
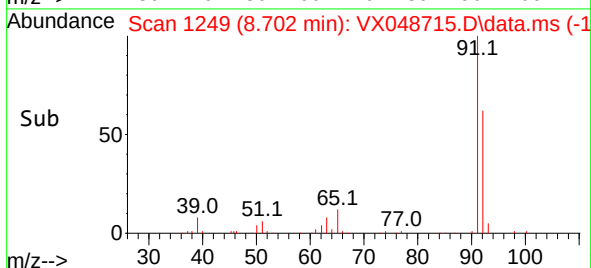
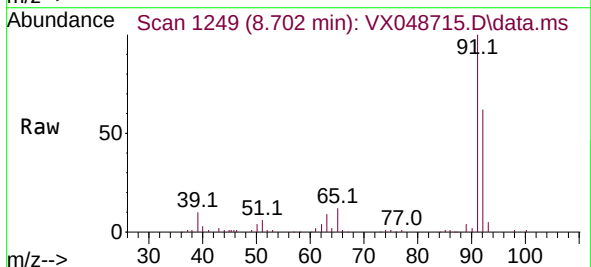
Manual Integrations
APPROVED

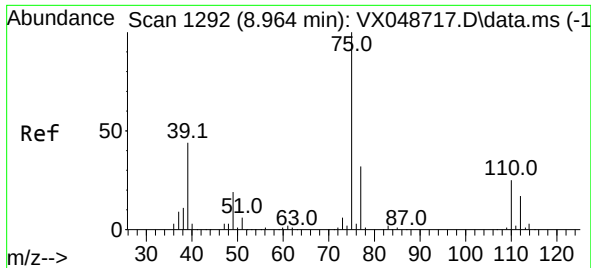
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#52
Toluene
Concen: 4.662 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

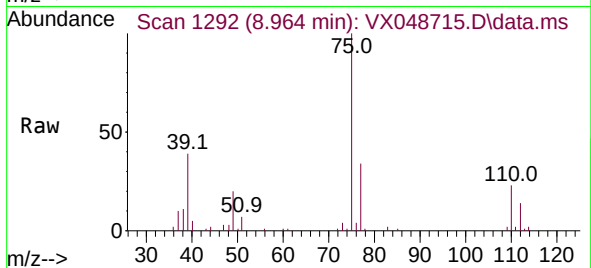
Tgt Ion: 92 Resp: 28194
Ion Ratio Lower Upper
92 100
91 170.8 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 4.231 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

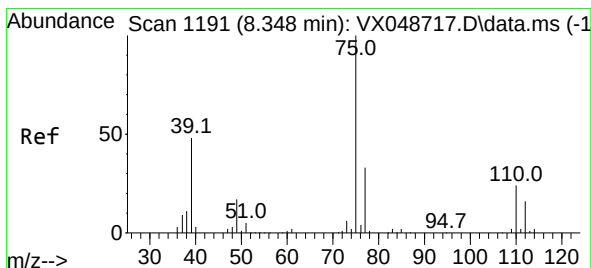
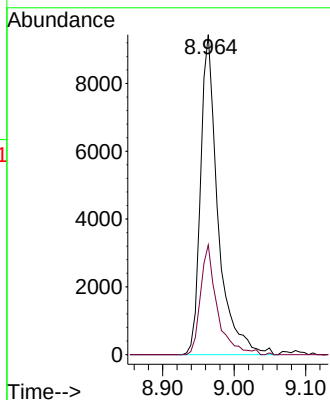
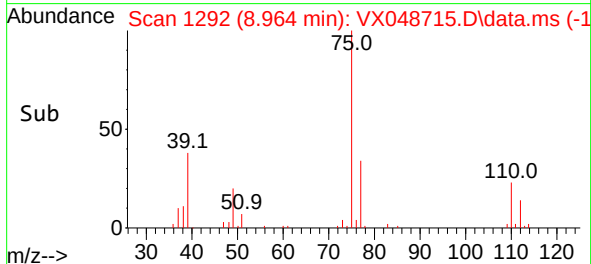
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1595
Ion Ratio Lower Upper
75 100
77 34.3 25.3 37.9

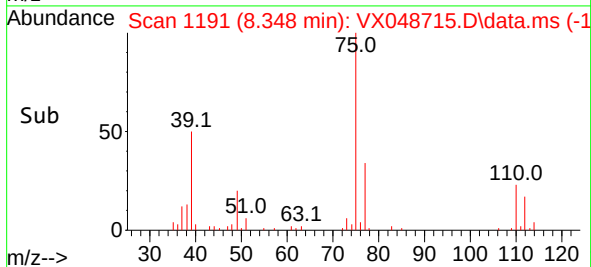
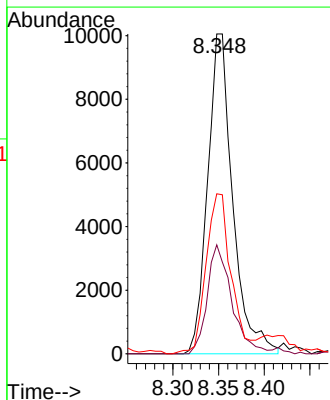
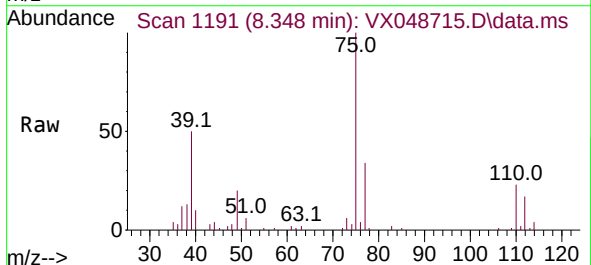
Manual Integrations
APPROVED

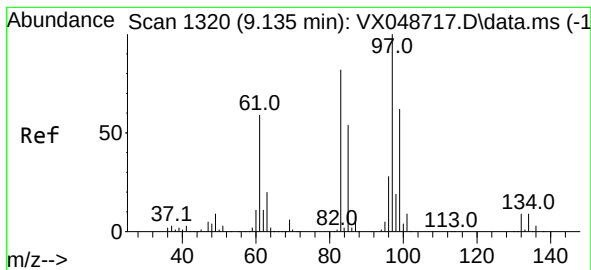
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#54
cis-1,3-Dichloropropene
Concen: 4.751 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 75 Resp: 19250
Ion Ratio Lower Upper
75 100
77 34.1 26.1 39.1
39 49.4 38.2 57.4





#55
 1,1,2-Trichloroethane
 Concen: 4.654 ug/l
 RT: 9.134 min Scan# 1320
 Delta R.T. -0.000 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

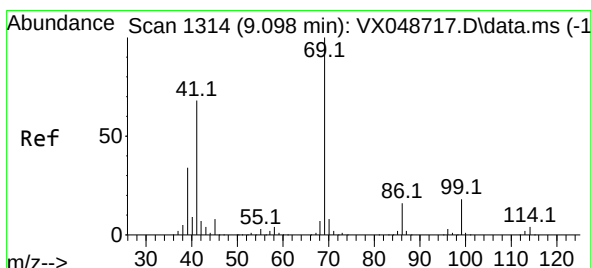
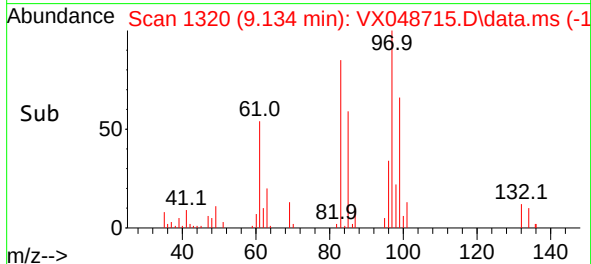
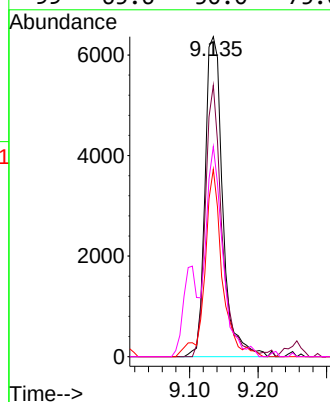
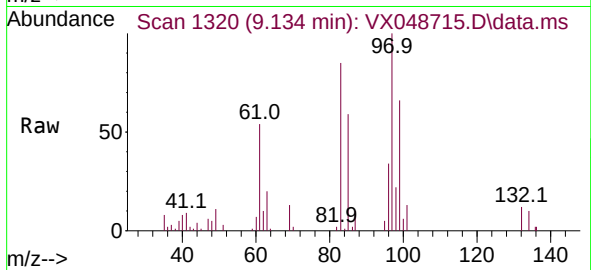
VSTDIC005

Tgt Ion: 97	Resp: 11325
Ion Ratio	Lower Upper
97 100	
83 84.8	66.0 99.0
85 58.5	43.2 64.8
99 65.6	50.0 75.0

Manual Integrations

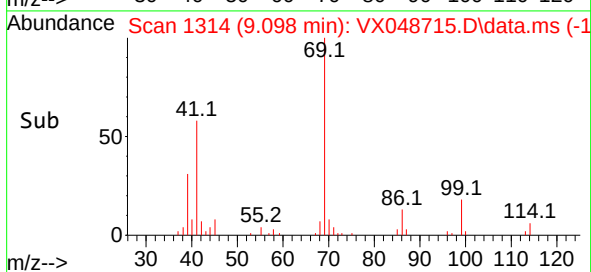
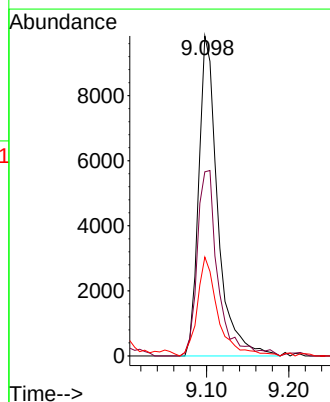
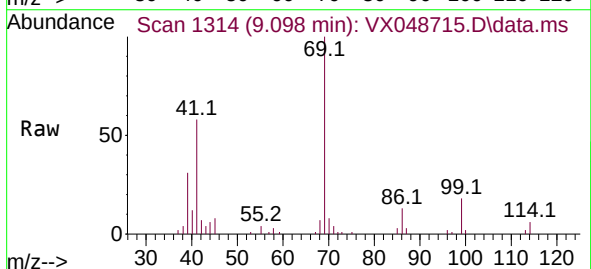
APPROVED

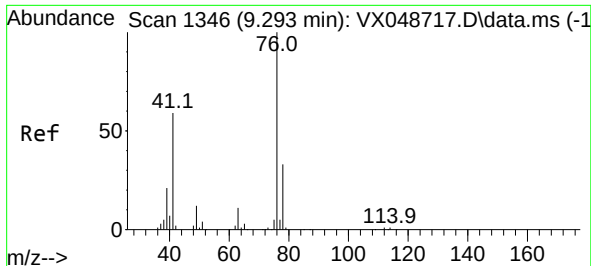
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#56
 Ethyl methacrylate
 Concen: 4.148 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16

Tgt Ion: 69	Resp: 15799
Ion Ratio	Lower Upper
69 100	
41 63.2	53.4 80.2
39 33.2	27.5 41.3





#57

1,3-Dichloropropane

Concen: 4.509 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 18244

Ion Ratio Lower Upper

76 100

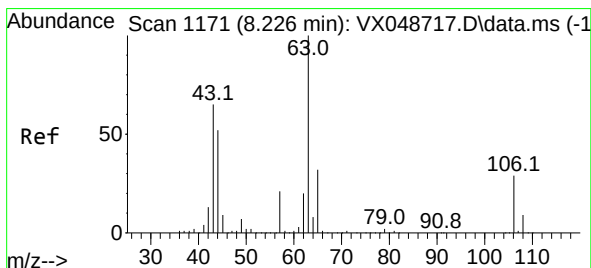
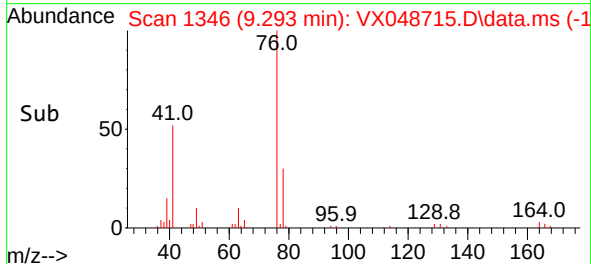
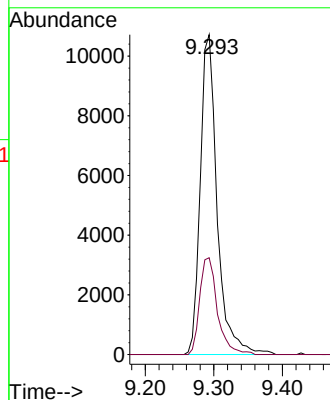
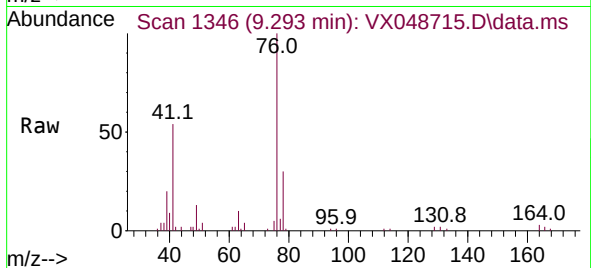
78 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#58

2-Chloroethyl Vinyl ether

Concen: 25.688 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048715.D

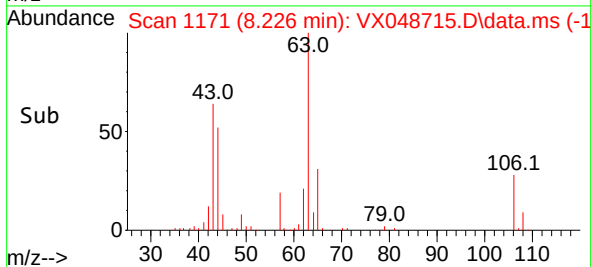
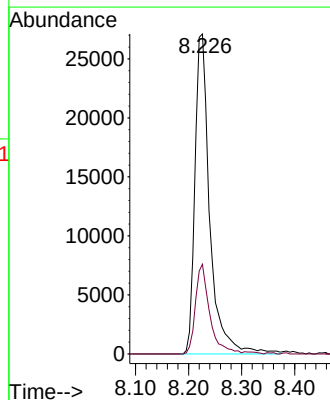
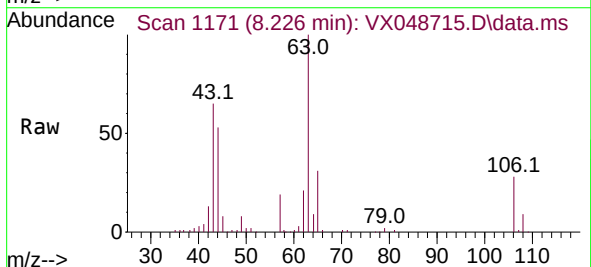
Acq: 04 Dec 2025 09:16

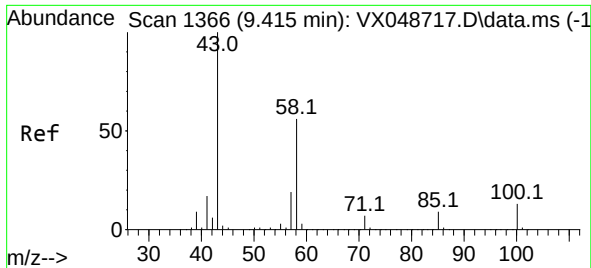
Tgt Ion: 63 Resp: 52878

Ion Ratio Lower Upper

63 100

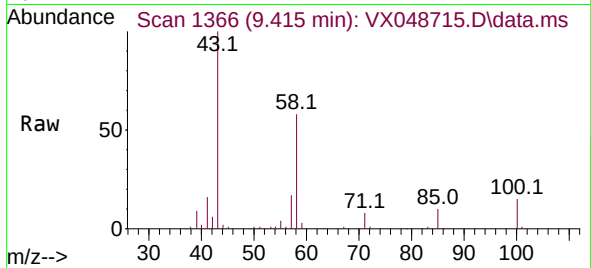
106 26.8 23.4 35.2





#59
2-Hexanone
Concen: 20.893 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

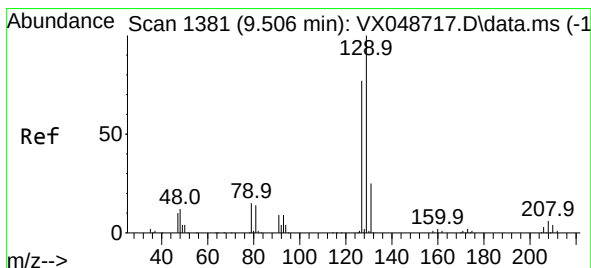
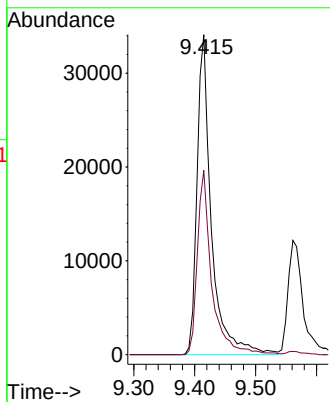
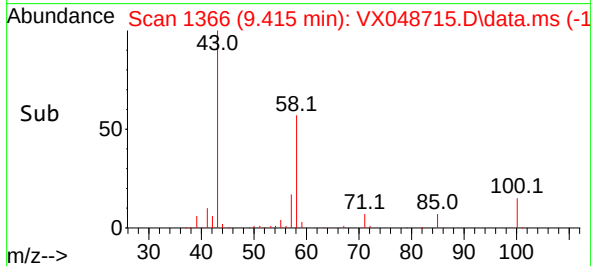
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 5572
Ion Ratio Lower Upper
43 100
58 57.8 27.8 83.4

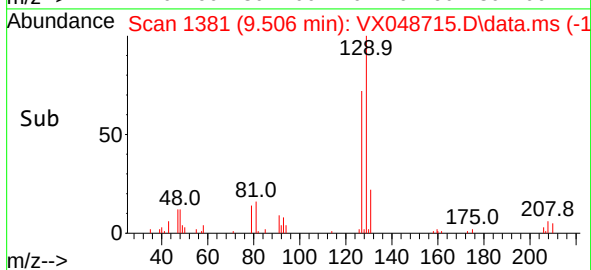
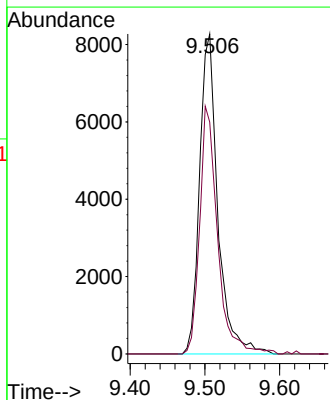
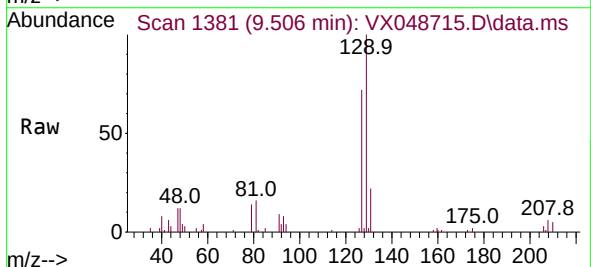
Manual Integrations
APPROVED

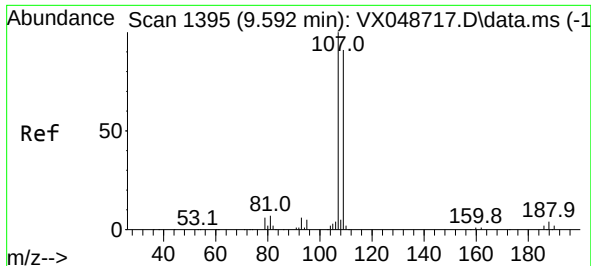
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#60
Dibromochloromethane
Concen: 4.650 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion:129 Resp: 13990
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.9





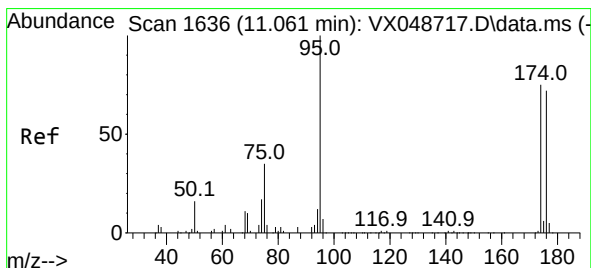
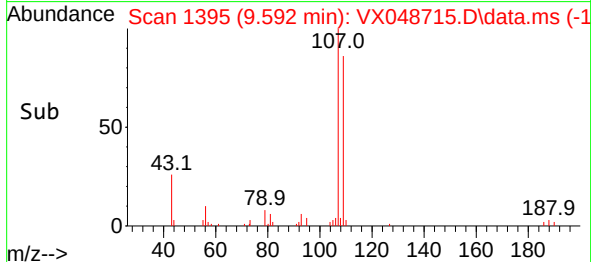
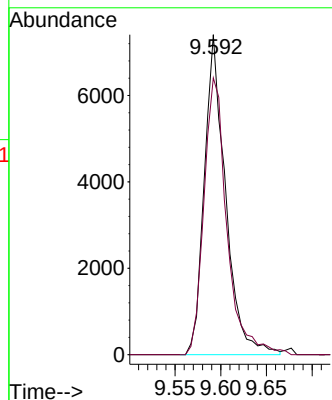
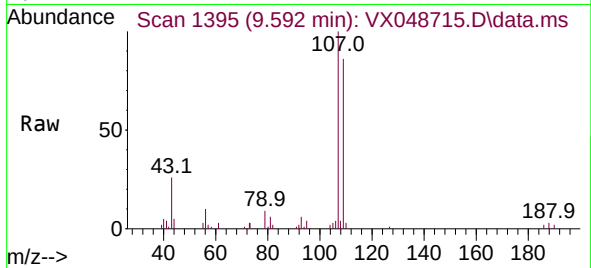
#61
1,2-Dibromoethane
Concen: 4.545 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 11968
Ion Ratio Lower Upper
107 100
109 93.9 74.9 112.3

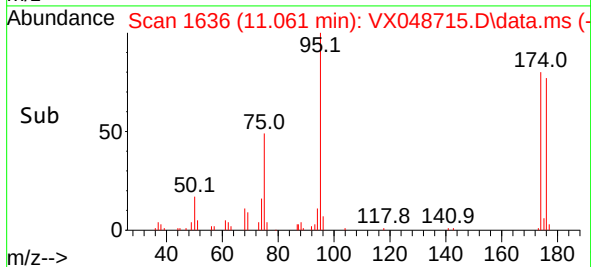
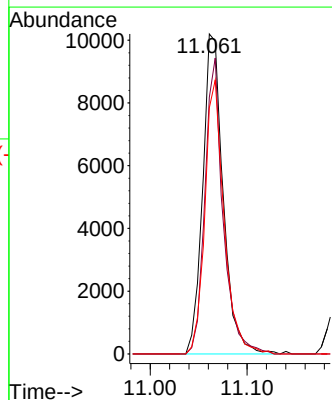
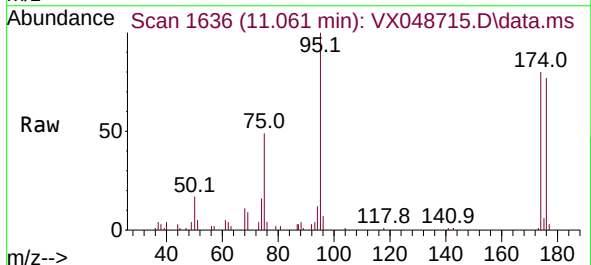
Manual Integrations
APPROVED

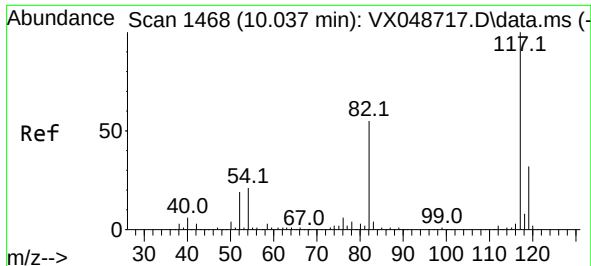
Reviewed By :John Carbone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#62
4-Bromofluorobenzene
Concen: 4.999 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

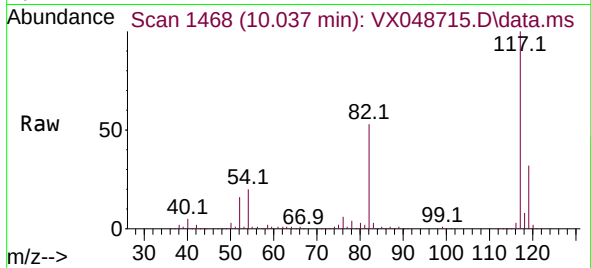
Tgt Ion: 95 Resp: 14926
Ion Ratio Lower Upper
95 100
174 82.6 0.0 157.8
176 80.9 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

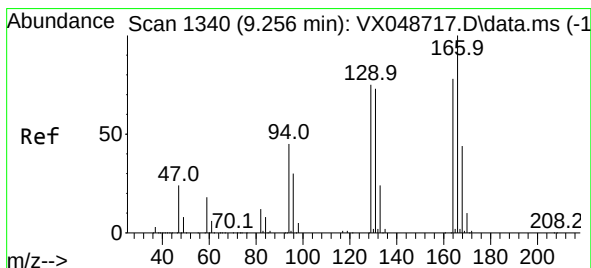
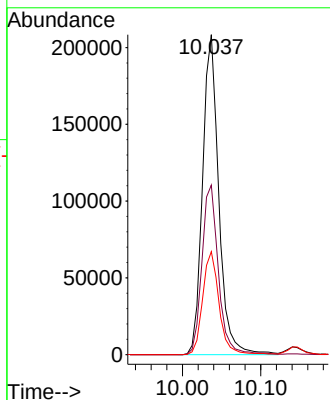
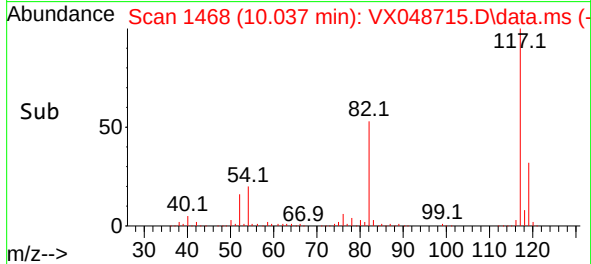
Instrument : MSVOA_X
ClientSampleId : VSTDIC005



Tgt Ion:117 Resp: 300438
Ion Ratio Lower Upper
117 100
82 53.0 44.1 66.1
119 32.2 25.2 37.8

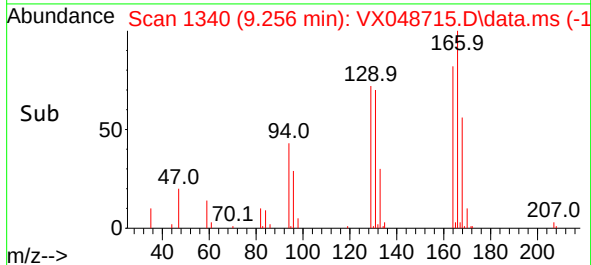
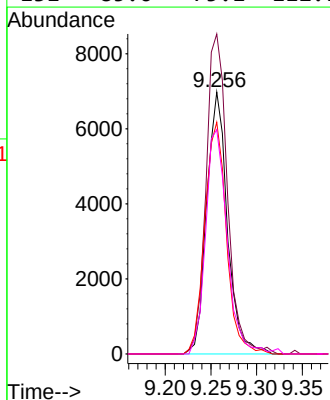
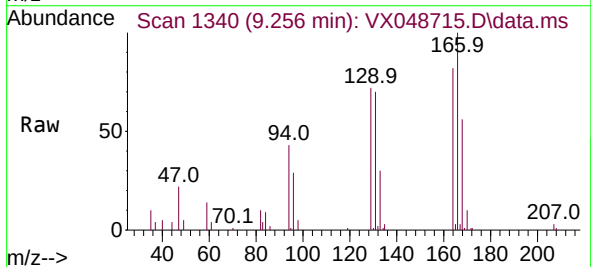
Manual Integrations
APPROVED

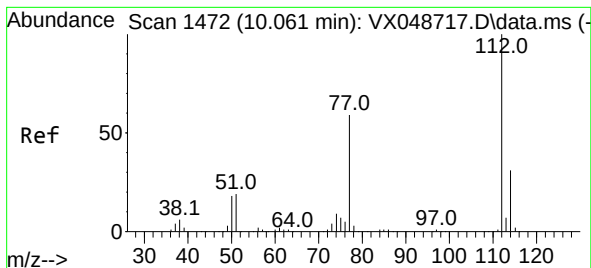
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#64
Tetrachloroethene
Concen: 5.035 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion:164 Resp: 11027
Ion Ratio Lower Upper
164 100
166 122.2 103.1 154.7
129 88.5 76.9 115.3
131 85.6 75.1 112.7





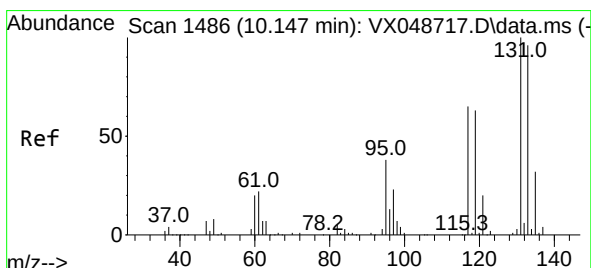
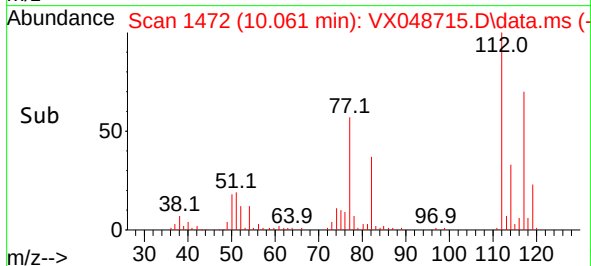
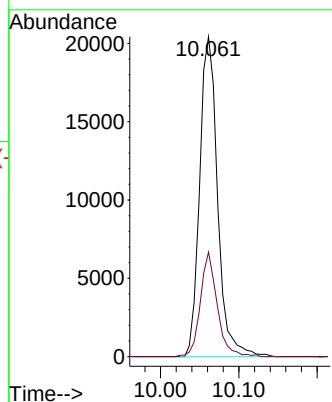
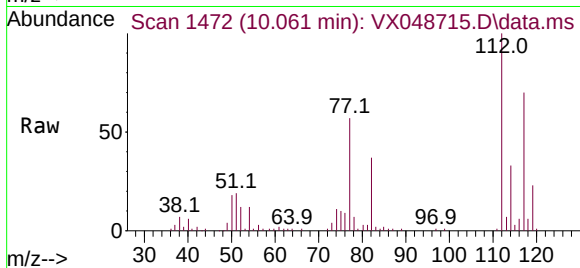
#65
Chlorobenzene
Concen: 4.941 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 32494
Ion Ratio Lower Upper
112 100
114 32.7 24.8 37.2

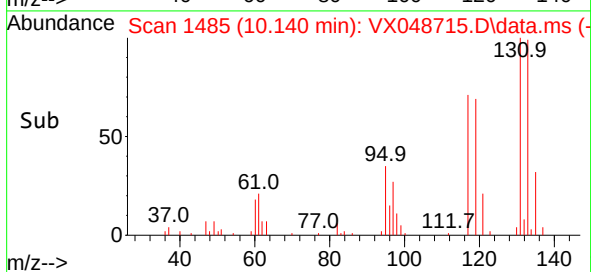
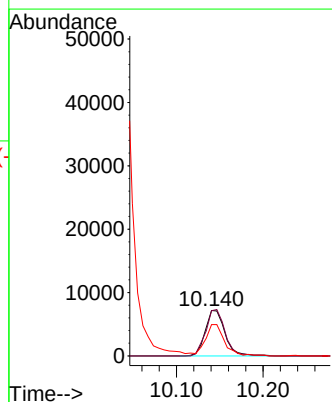
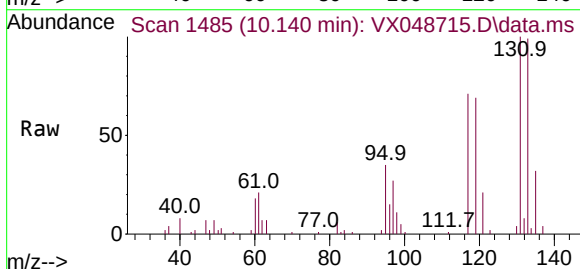
Manual Integrations
APPROVED

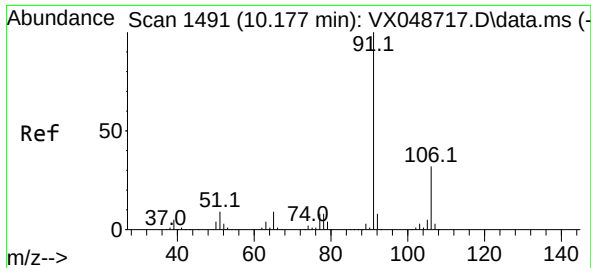
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.800 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

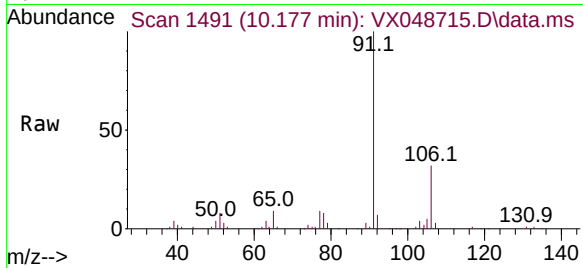
Tgt Ion:131 Resp: 11291
Ion Ratio Lower Upper
131 100
133 100.7 48.3 144.8
119 69.1 32.6 97.7





#67
Ethyl Benzene
Concen: 4.815 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

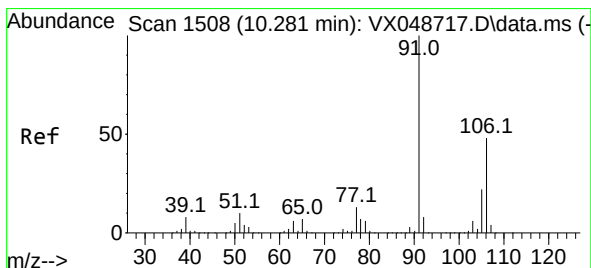
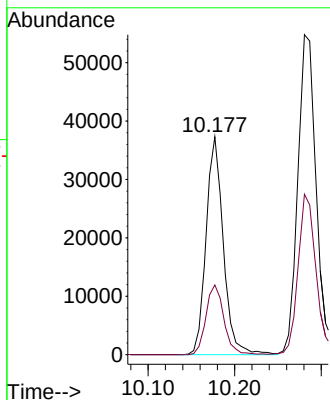
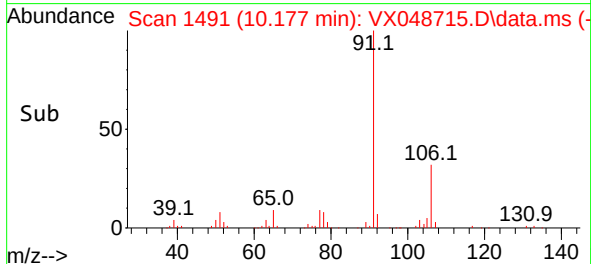
Instrument : MSVOA_X
ClientSampleId : VSTDIC005



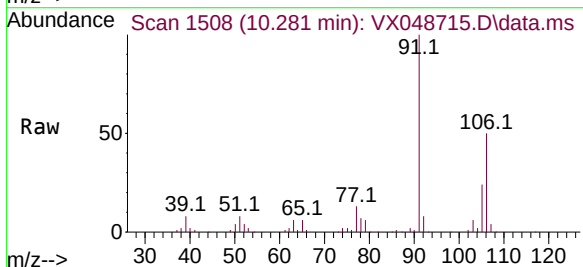
Tgt Ion: 91 Resp: 51672
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9

Manual Integrations
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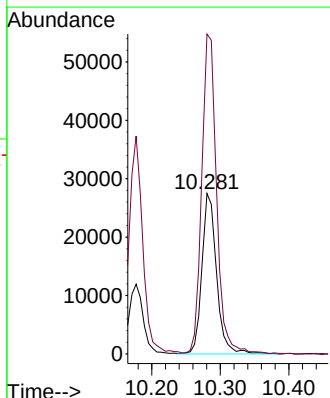
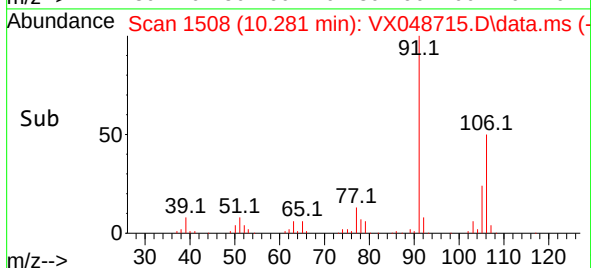
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

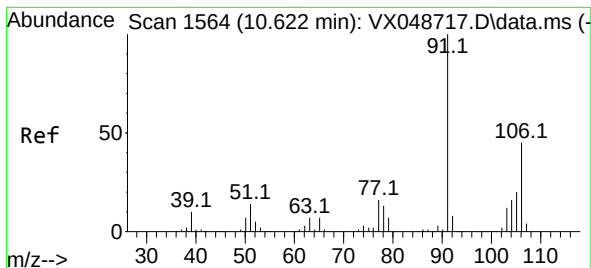


#68
m/p-Xylenes
Concen: 9.701 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16



Tgt Ion:106 Resp: 40552
Ion Ratio Lower Upper
106 100
91 203.5 164.2 246.4





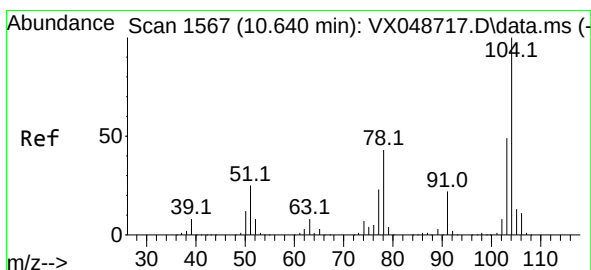
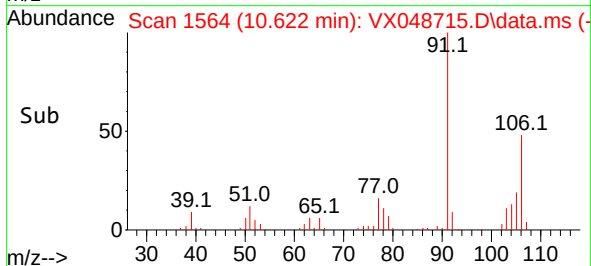
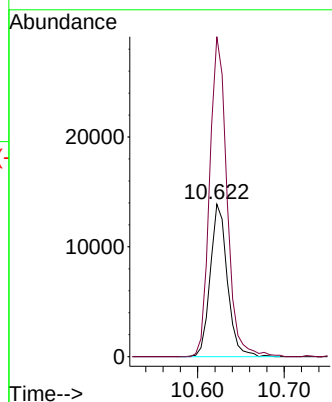
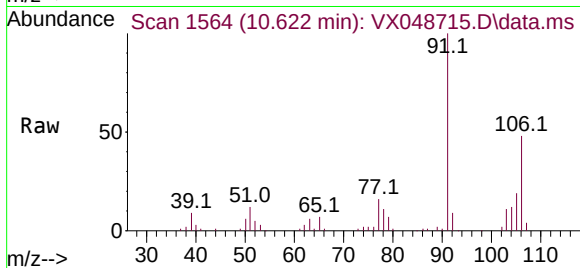
#69
o-Xylene
Concen: 4.860 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 19035
Ion Ratio Lower Upper
106 100
91 212.6 108.1 324.3

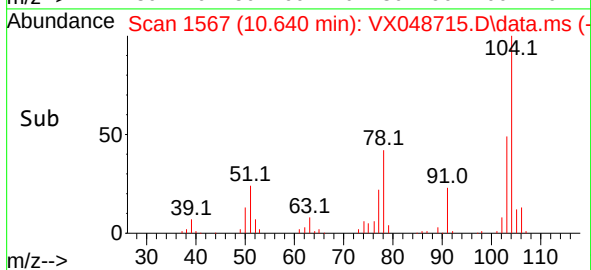
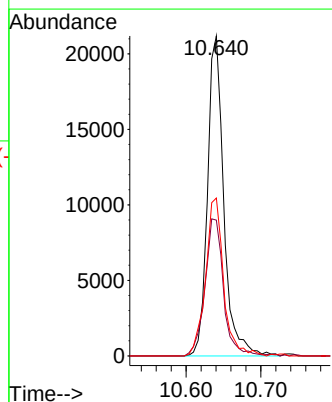
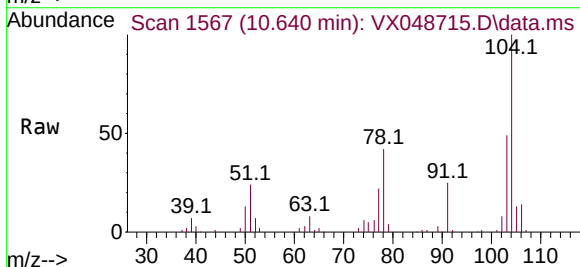
Manual Integrations
APPROVED

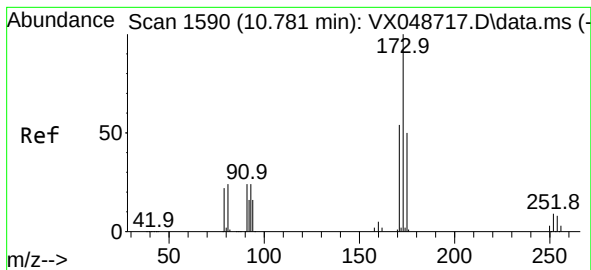
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#70
Styrene
Concen: 4.773 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

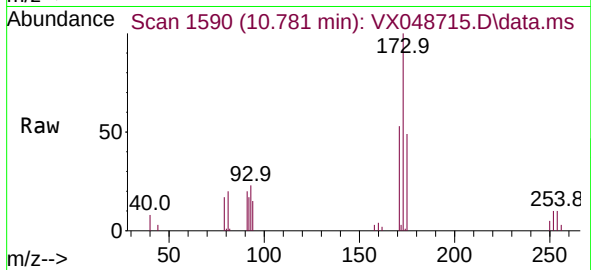
Tgt Ion:104 Resp: 32097
Ion Ratio Lower Upper
104 100
78 48.5 40.6 60.8
103 54.6 43.4 65.2





#71
Bromoform
Concen: 4.738 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

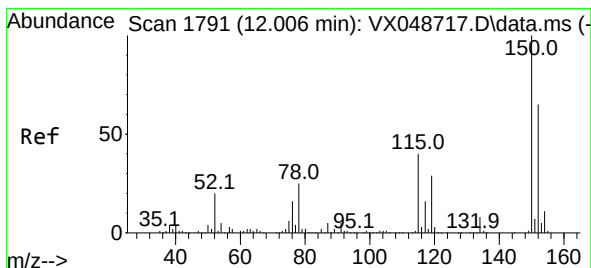
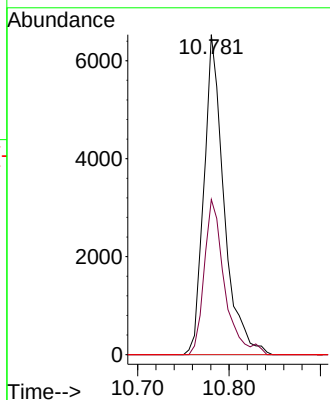
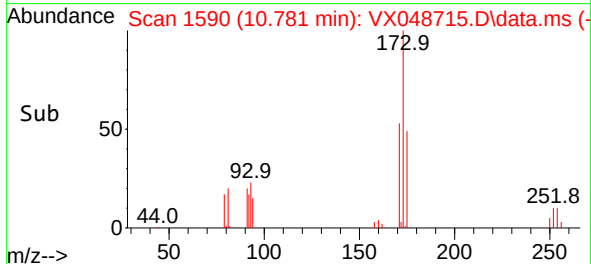
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



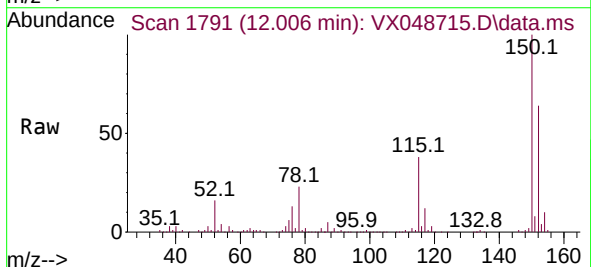
Tgt Ion:173 Resp: 9949
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

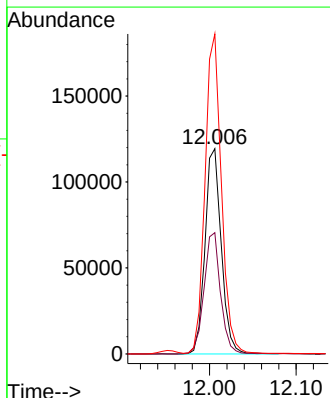
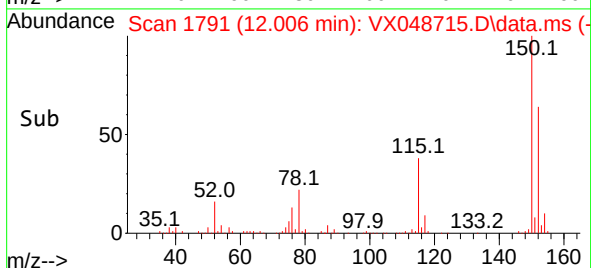
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

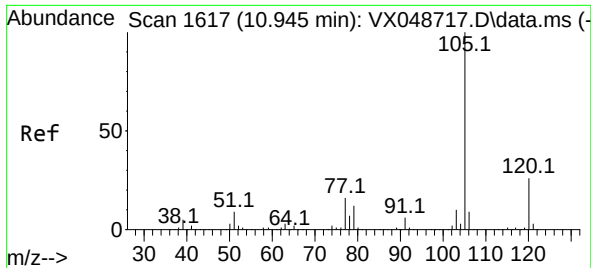


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16



Tgt Ion:152 Resp: 155633
Ion Ratio Lower Upper
152 100
115 60.2 42.1 126.4
150 155.5 0.0 347.8





#73
Isopropylbenzene
Concen: 4.844 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

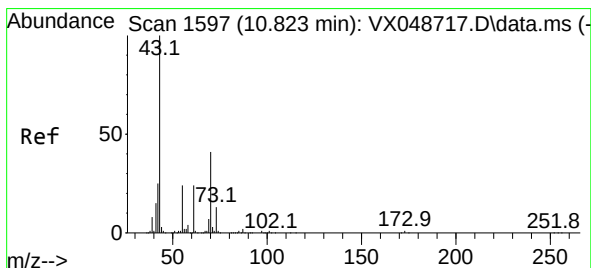
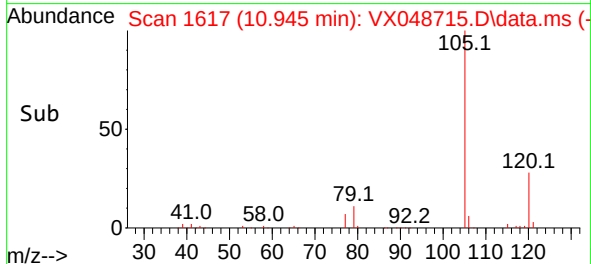
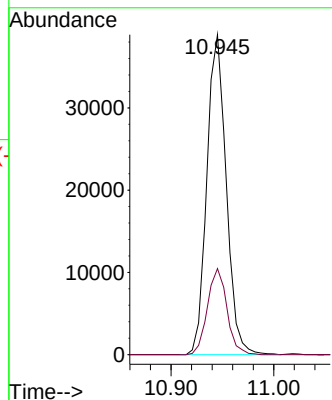
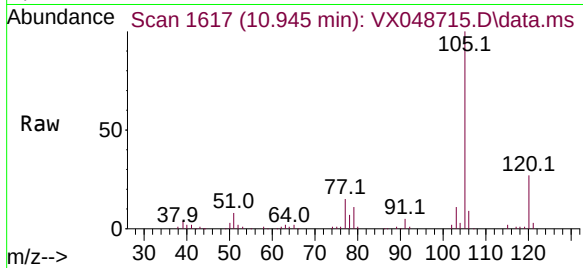
VSTDICC005

Tgt Ion:105 Resp: 5080
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.5

Manual Integrations

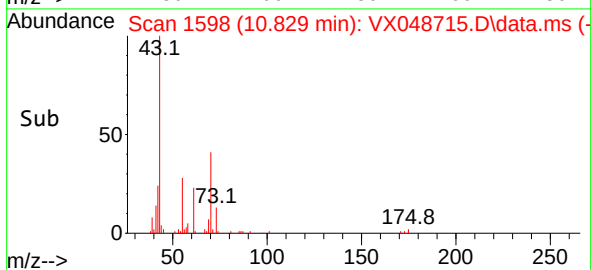
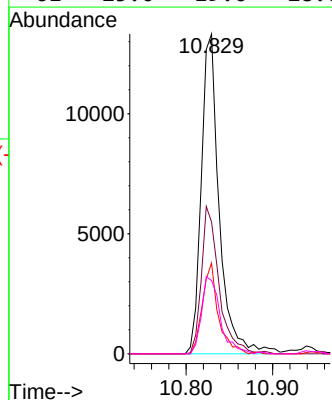
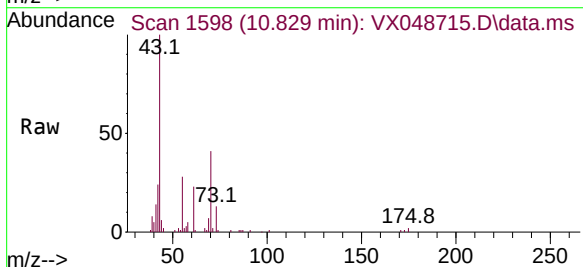
APPROVED

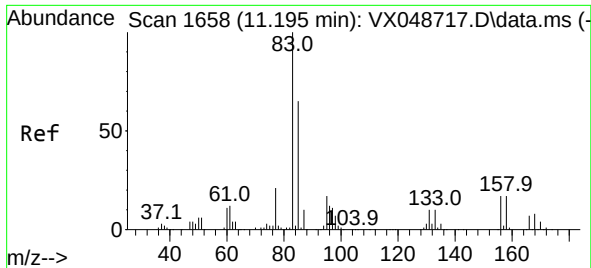
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#74
N-ethyl acetate
Concen: 4.223 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 43 Resp: 19243
Ion Ratio Lower Upper
43 100
70 45.4 33.9 50.9
55 25.5 19.1 28.7
61 25.0 19.0 28.6





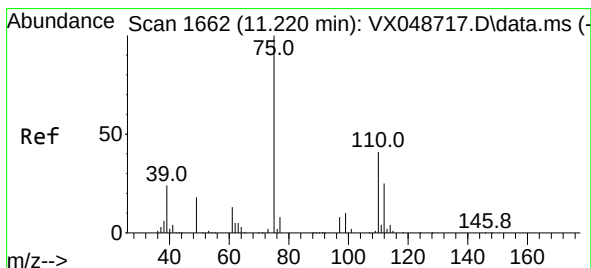
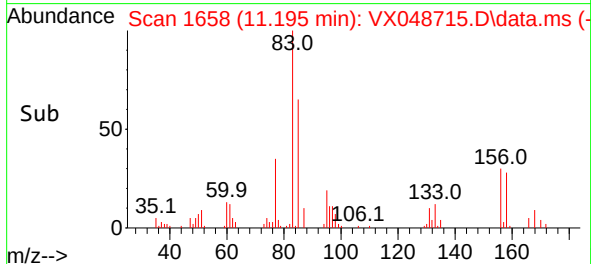
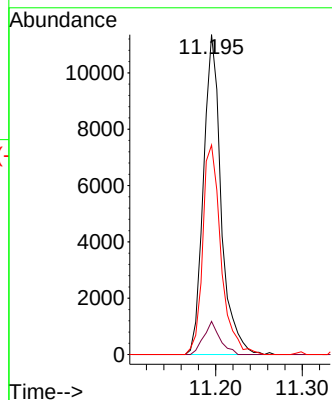
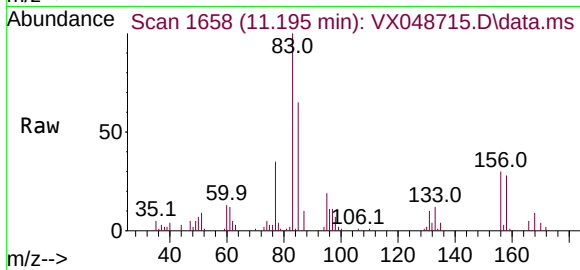
#75
1,1,2,2-Tetrachloroethane
Concen: 4.552 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 16109
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 67.8 31.9 95.7

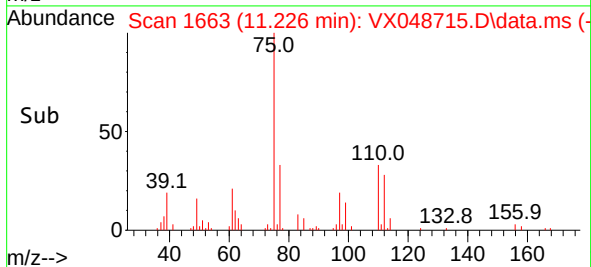
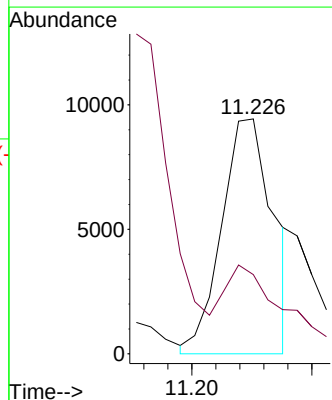
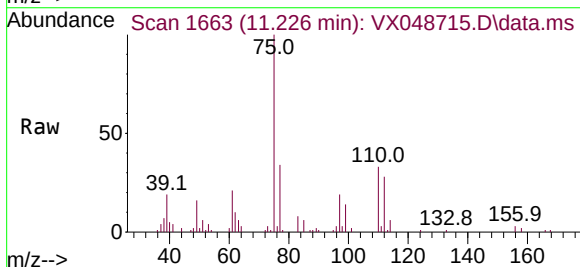
Manual Integrations
APPROVED

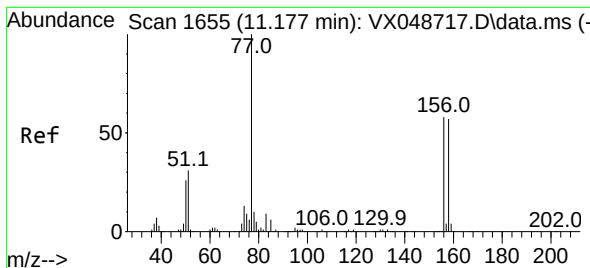
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#76
1,2,3-Trichloropropane
Concen: 4.722 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 75 Resp: 14100
Ion Ratio Lower Upper
75 100
77 43.7 24.3 73.0





#77

Bromobenzene

Concen: 4.836 ug/l

RT: 11.183 min Scan# 1655

Delta R.T. 0.006 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

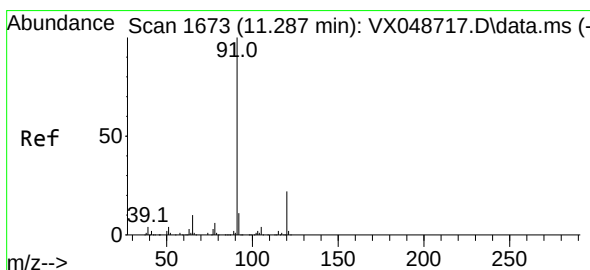
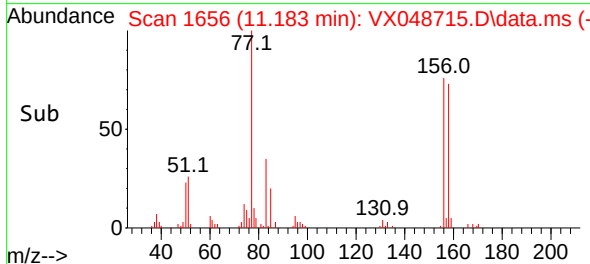
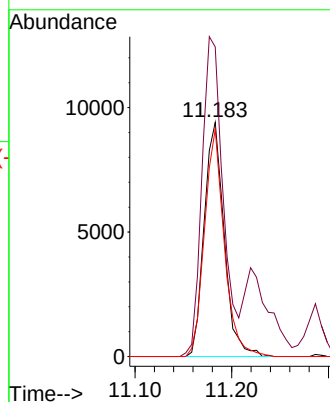
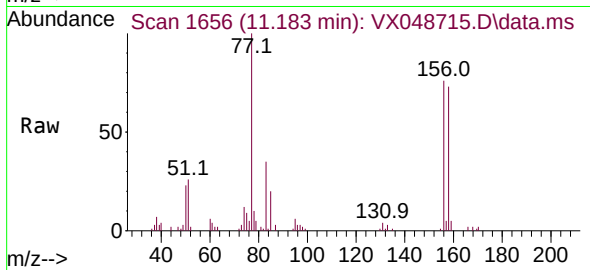
Tgt Ion:	156	Resp:	13538
Ion Ratio	Lower	Upper	
156	100		
77	143.8	80.3	240.9
158	96.1	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#78

n-propylbenzene

Concen: 4.704 ug/l

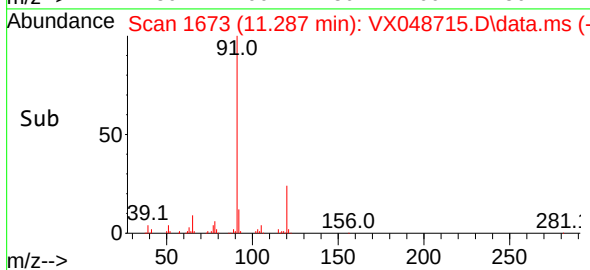
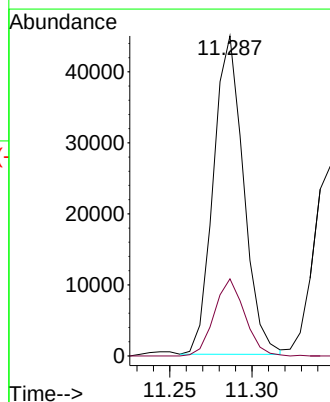
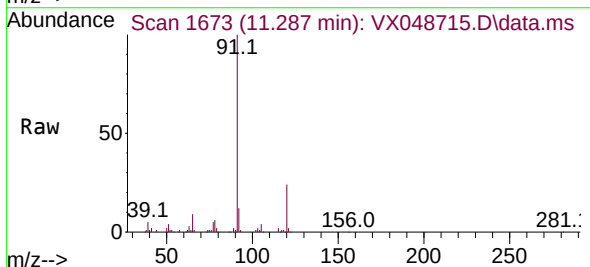
RT: 11.287 min Scan# 1673

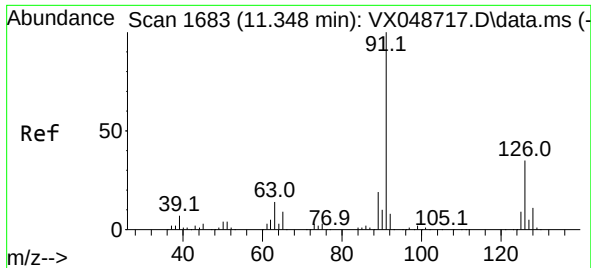
Delta R.T. -0.000 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Tgt Ion:	91	Resp:	57143
Ion Ratio	Lower	Upper	
91	100		
120	24.4	11.4	34.2





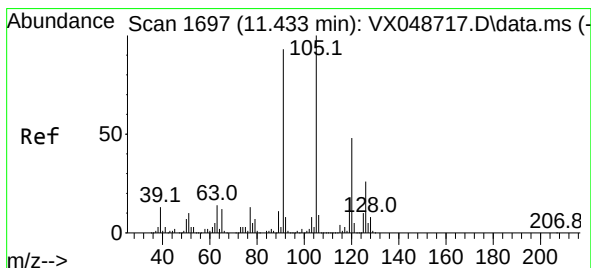
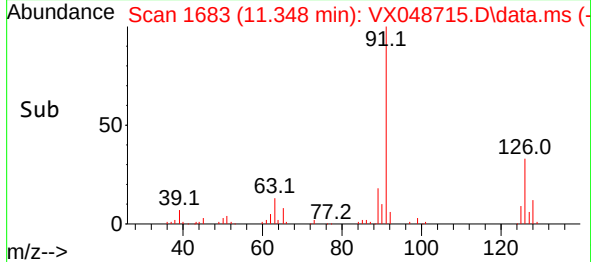
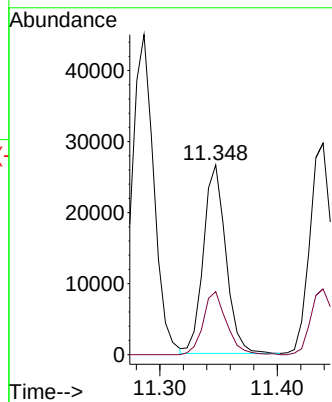
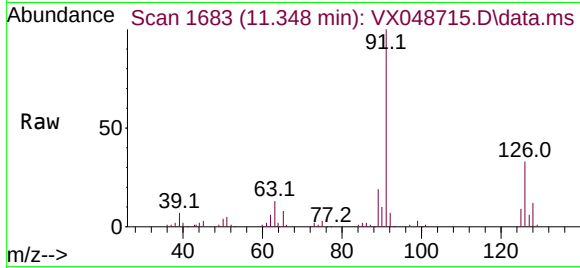
#79
2-Chlorotoluene
Concen: 4.754 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 35216
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.3

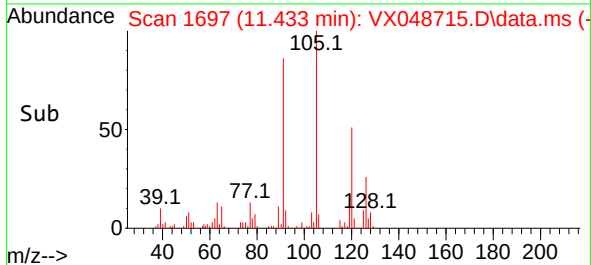
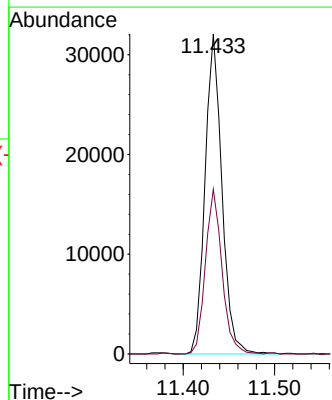
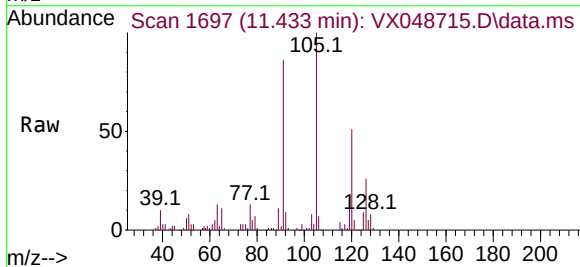
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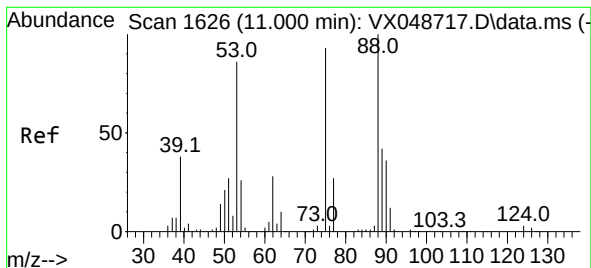
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.774 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion:105 Resp: 41155
Ion Ratio Lower Upper
105 100
120 50.6 24.4 73.2





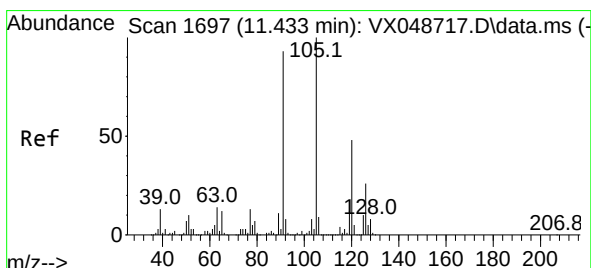
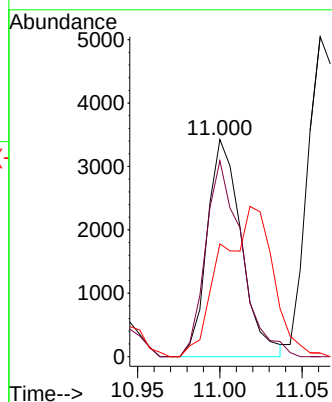
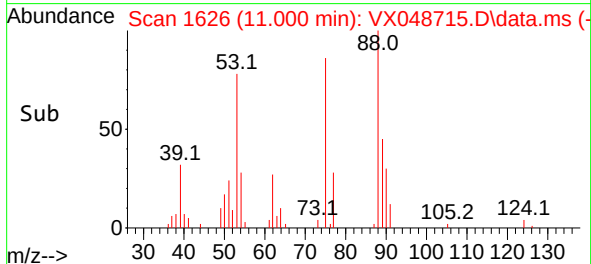
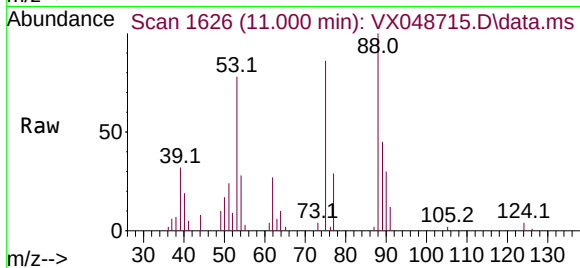
#81
trans-1,4-Dichloro-2-butene
Concen: 4.055 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 4948
Ion Ratio Lower Upper
75 100
53 95.1 79.9 119.9
89 105.4 67.1 100.7

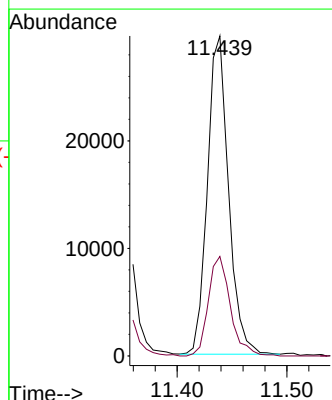
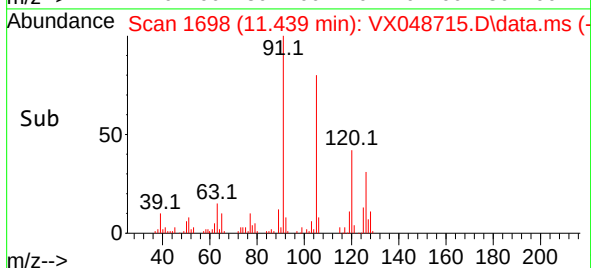
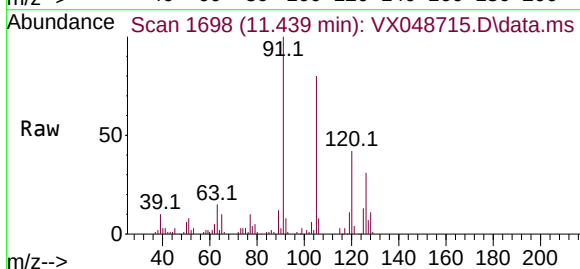
Manual Integrations
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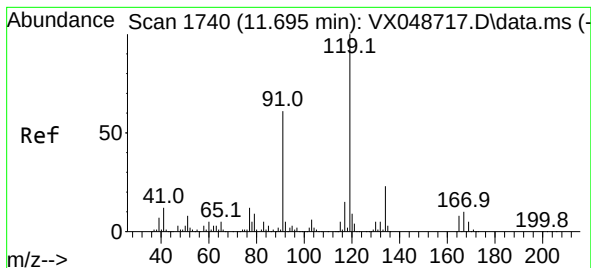
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#82
4-Chlorotoluene
Concen: 4.591 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 91 Resp: 39681
Ion Ratio Lower Upper
91 100
126 32.5 14.7 44.1





#83

tert-Butylbenzene

Concen: 4.858 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

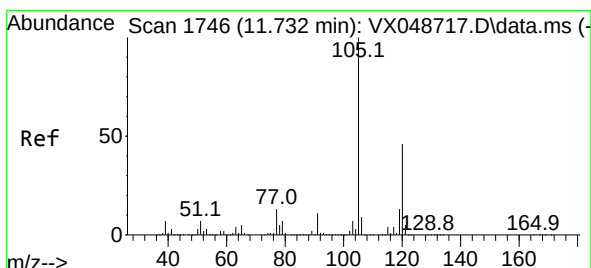
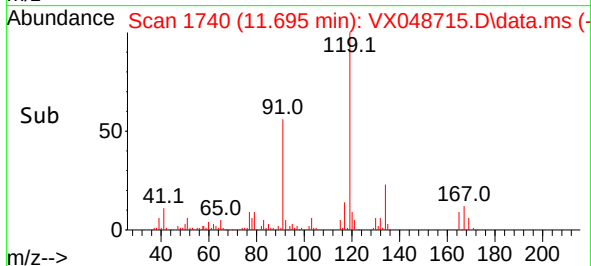
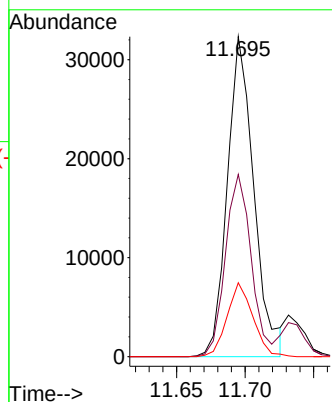
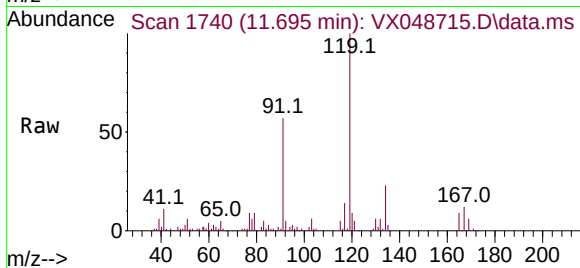
Tgt Ion:	119	Resp:	43520
Ion Ratio	Lower	Upper	
119	100		
91	55.5	28.4	85.2
134	22.5	11.2	33.5

Manual Integrations

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Reviewed By :John Carbone 12/05/2025

Supervised By :Semsettin Yesilyurt 12/05/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.709 ug/l

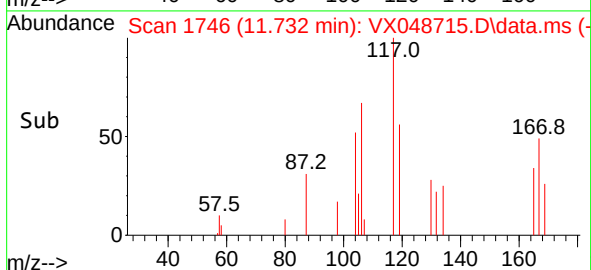
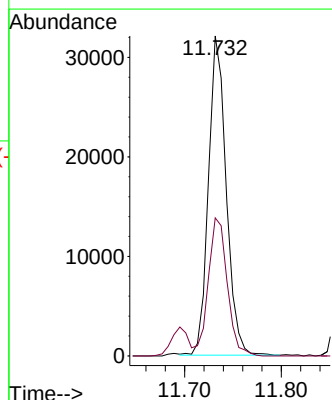
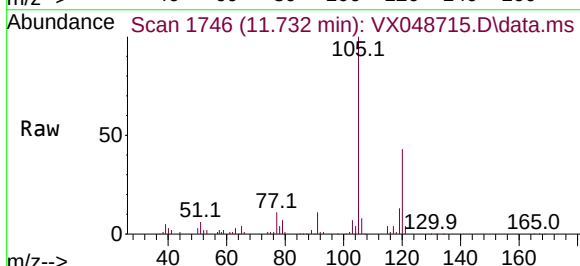
RT: 11.732 min Scan# 1746

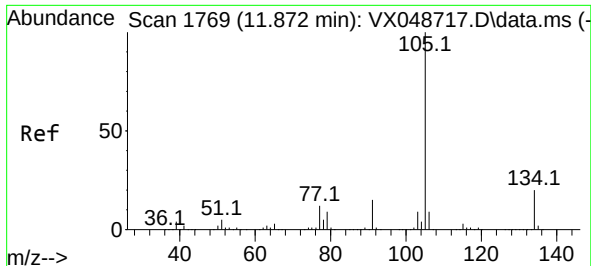
Delta R.T. -0.000 min

Lab File: VX048715.D

Acq: 04 Dec 2025 09:16

Tgt Ion:	105	Resp:	40951
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.3	66.8





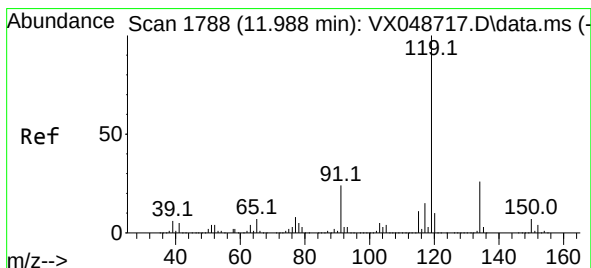
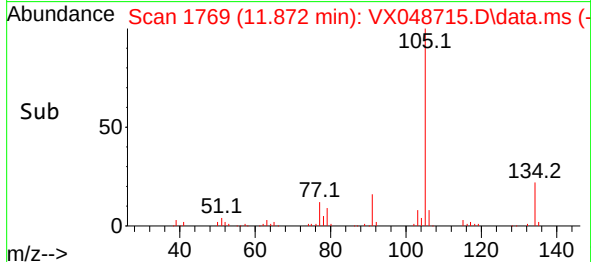
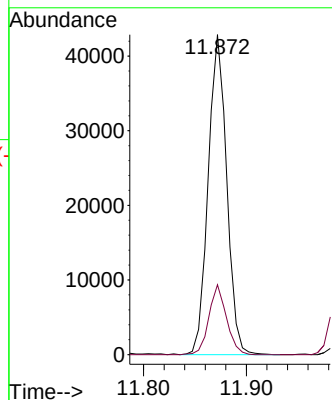
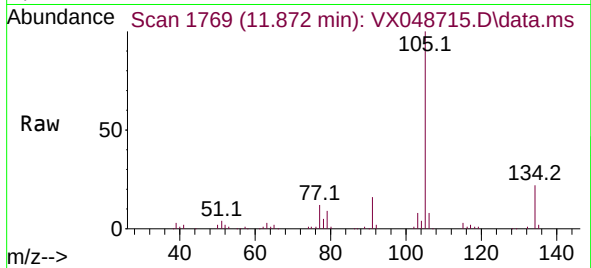
#85
 sec-Butylbenzene
 Concen: 4.933 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 53552
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.8 29.5

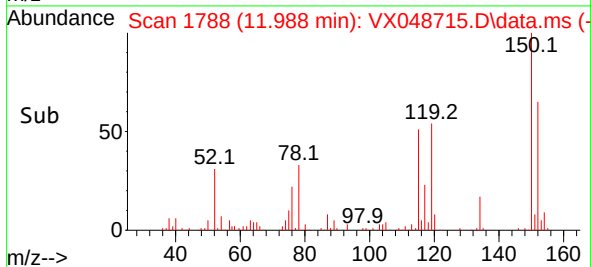
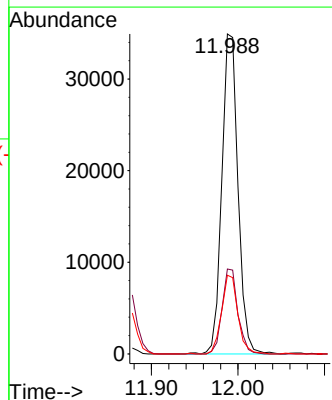
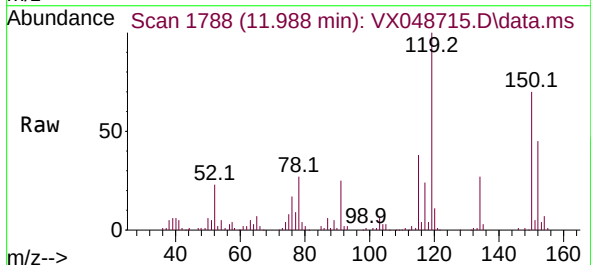
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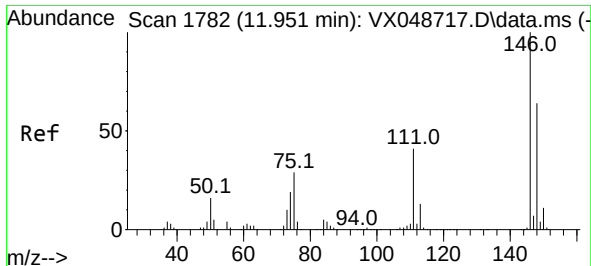
Reviewed By :John Carlone 12/05/2025
 Supervised By :Semsettin Yesilyurt 12/05/2025



#86
 p-Isopropyltoluene
 Concen: 4.890 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048715.D
 Acq: 04 Dec 2025 09:16

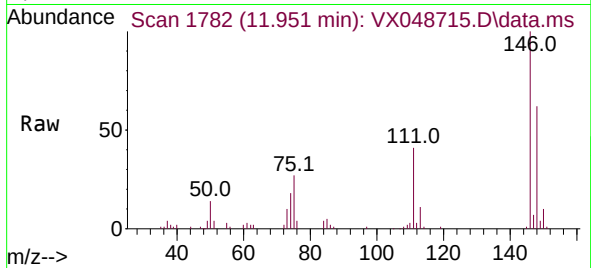
Tgt Ion:119 Resp: 45373
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 24.7 11.8 35.4





#87
1,3-Dichlorobenzene
Concen: 4.859 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

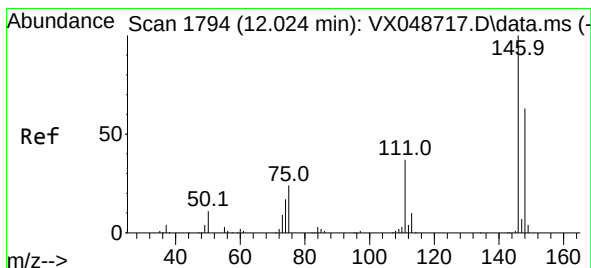
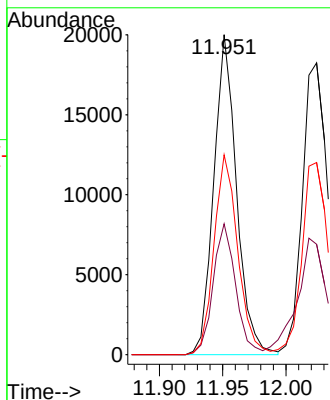
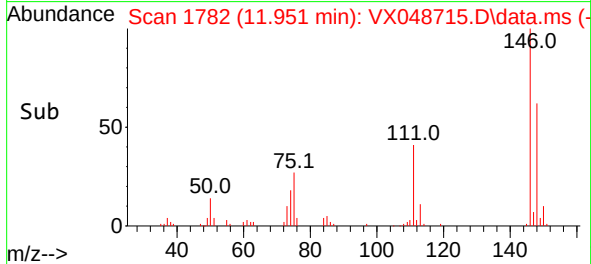
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



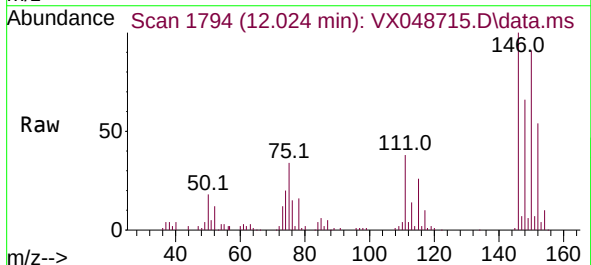
Tgt Ion:146 Resp: 25073
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 65.2 32.1 96.5

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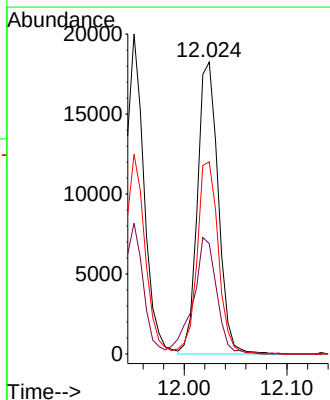
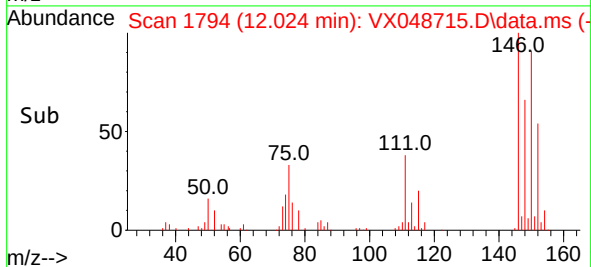
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

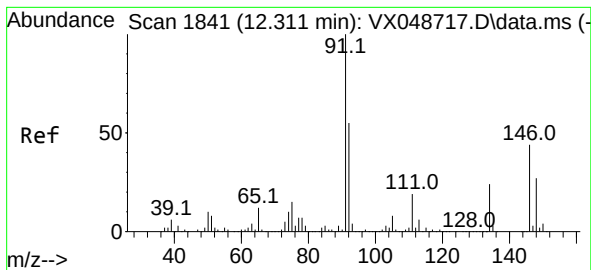


#88
1,4-Dichlorobenzene
Concen: 4.786 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16



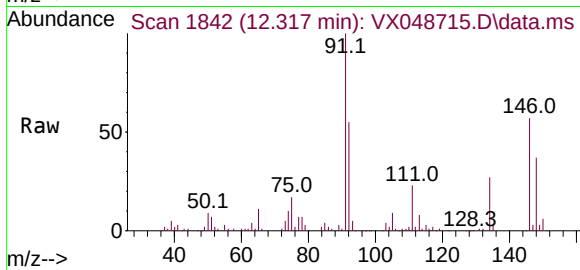
Tgt Ion:146 Resp: 25523
Ion Ratio Lower Upper
146 100
111 45.3 19.6 58.7
148 67.7 31.6 94.7





#89
n-Butylbenzene
Concen: 4.676 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

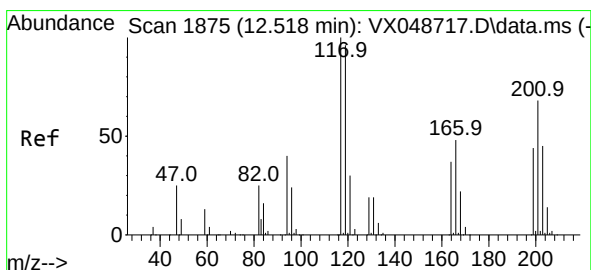
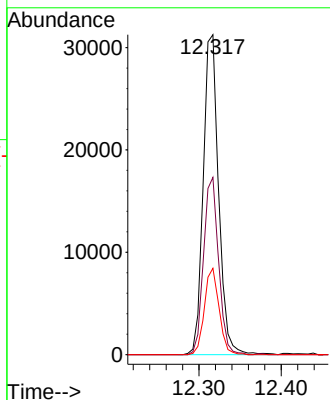
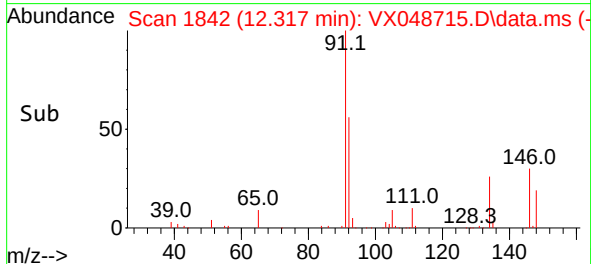
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 40625
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.3
134 25.7 12.9 38.6

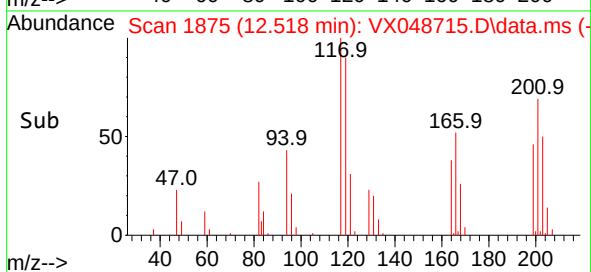
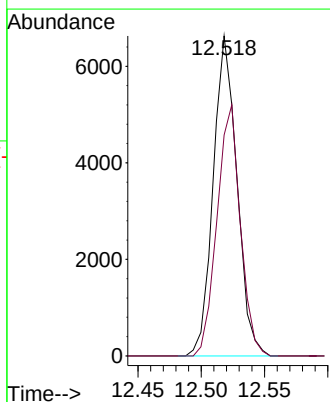
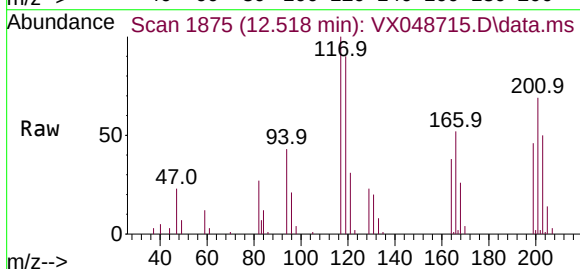
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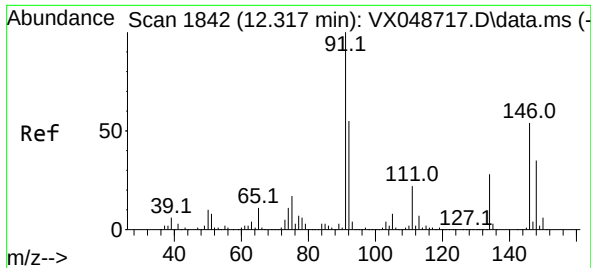
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#90
Hexachloroethane
Concen: 4.563 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion:117 Resp: 8642
Ion Ratio Lower Upper
117 100
201 77.1 36.4 109.1





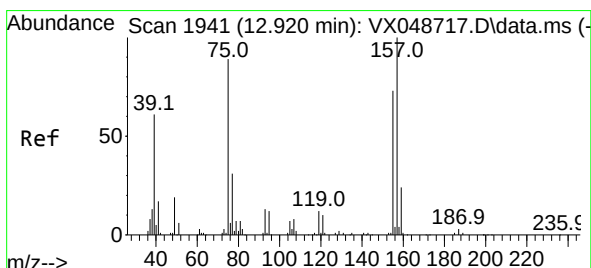
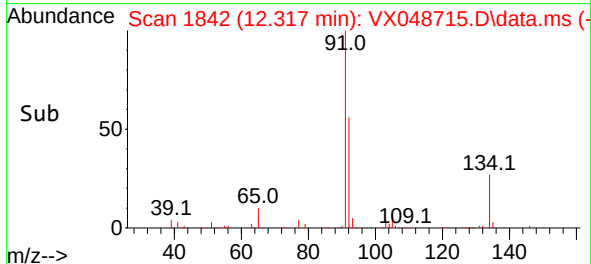
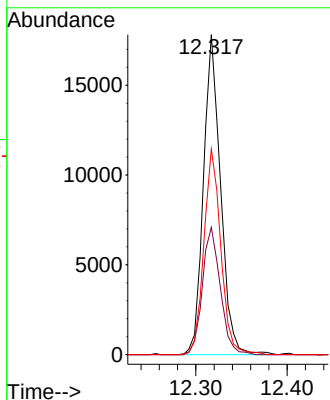
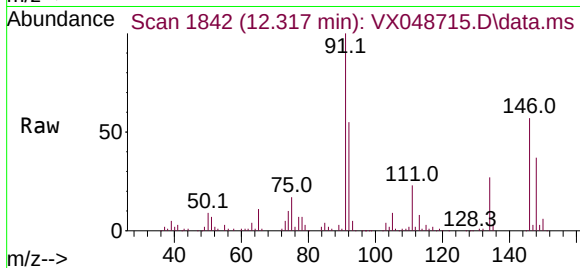
#91
1,2-Dichlorobenzene
Concen: 4.637 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion:146 Resp: 2320
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.5
148 63.7 32.0 96.0

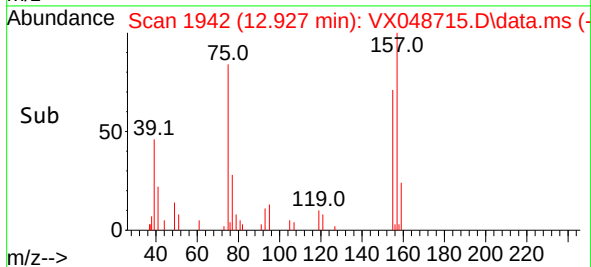
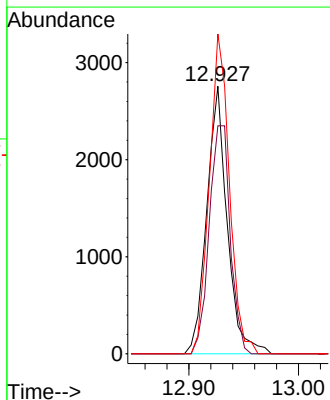
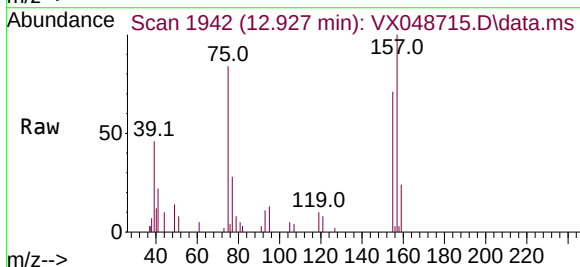
Manual Integrations
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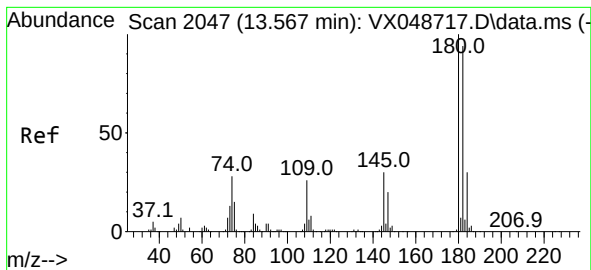
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.156 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion: 75 Resp: 3579
Ion Ratio Lower Upper
75 100
155 87.7 43.0 129.2
157 117.2 56.0 168.2





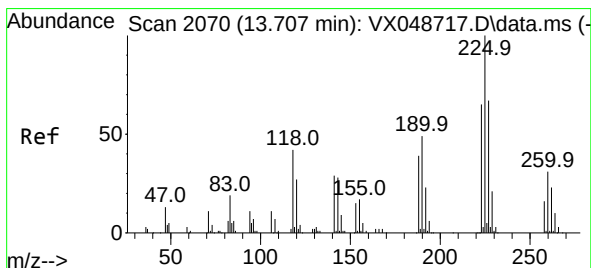
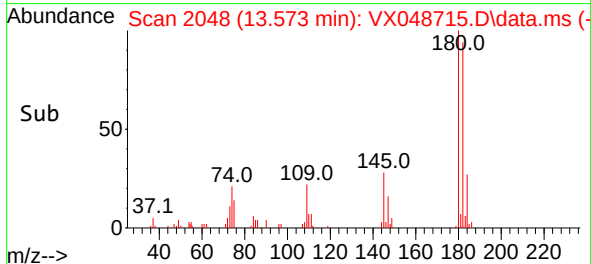
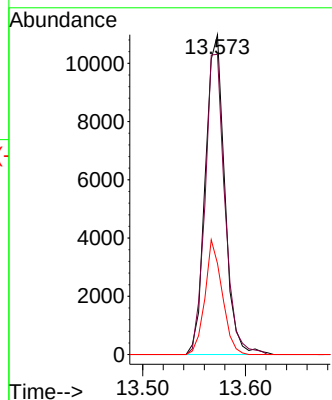
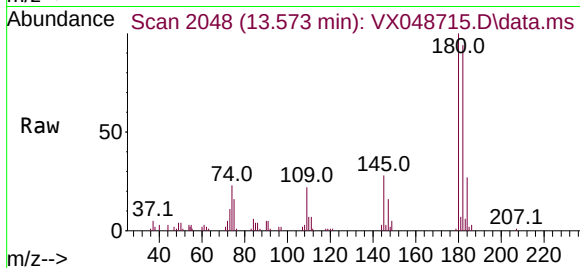
#93
1,2,4-Trichlorobenzene
Concen: 4.328 ug/l
RT: 13.573 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 14300
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.8
145 31.9 15.1 45.3

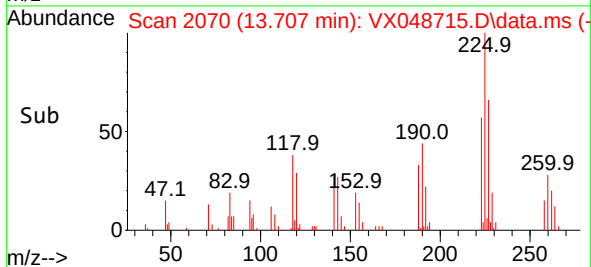
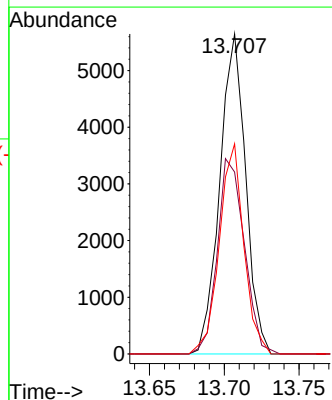
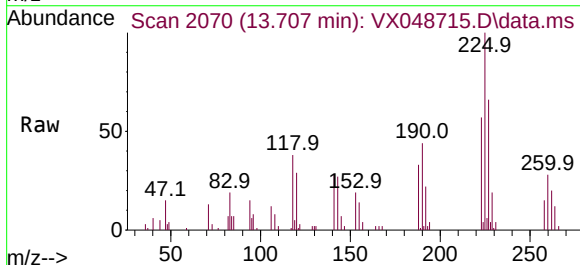
Manual Integrations
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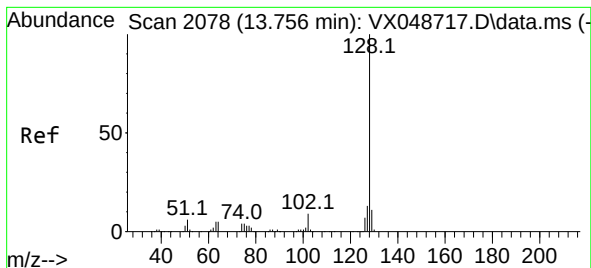
Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#94
Hexachlorobutadiene
Concen: 4.977 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion:225 Resp: 6803
Ion Ratio Lower Upper
225 100
223 63.7 33.0 98.9
227 62.2 32.9 98.7





#95
Naphthalene
Concen: 3.182 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

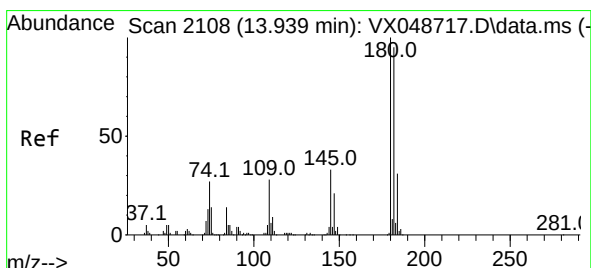
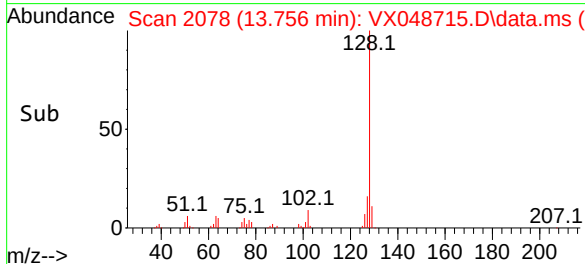
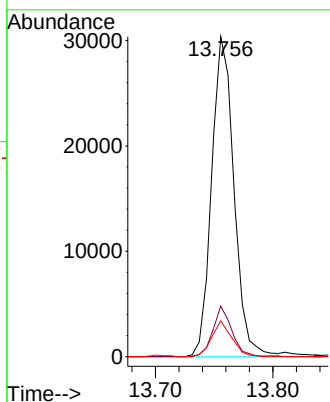
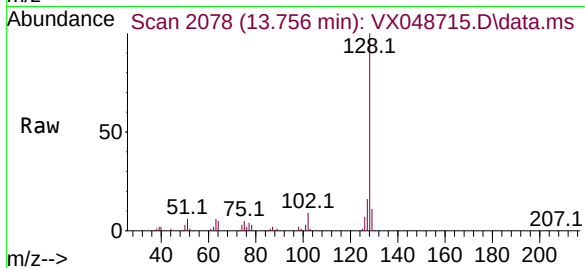
VSTDIC005

Tgt Ion:128 Resp: 40122
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 10.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.270 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048715.D
Acq: 04 Dec 2025 09:16

Tgt Ion:180 Resp: 13011
Ion Ratio Lower Upper
180 100
182 97.7 48.0 144.2
145 32.9 16.6 49.8

