

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038868.D
 Acq On : 07 Jul 2025 13:31
 Operator : SY/MD
 Sample : VV0707WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBS01

Quant Time: Jul 08 02:39:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	495324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	803542	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	756371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	436411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	286645	51.636	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 103.280%	
35) Dibromofluoromethane	4.497	113	259587	51.001	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 102.000%	
50) Toluene-d8	7.233	98	811123	49.256	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	9.998	95	369190	55.491	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 110.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	88067	18.730	ug/l	98
3) Chloromethane	1.227	50	91185	15.806	ug/l	100
4) Vinyl Chloride	1.294	62	98915	18.437	ug/l	96
5) Bromomethane	1.494	94	77678	23.726	ug/l	98
6) Chloroethane	1.558	64	69942	19.447	ug/l	97
7) Trichlorofluoromethane	1.725	101	180192	18.984	ug/l	98
8) Diethyl Ether	1.918	74	67531	20.445	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	106946	19.926	ug/l	99
10) Methyl Iodide	2.195	142	115301	16.932	ug/l	99
11) Tert butyl alcohol	2.558	59	91959	126.908	ug/l	99
12) 1,1-Dichloroethene	2.082	96	94457	18.517	ug/l	96
13) Acrolein	2.011	56	21144	116.861	ug/l	93
14) Allyl chloride	2.356	41	138727	20.223	ug/l	96
15) Acrylonitrile	2.671	53	297547	117.389	ug/l	100
16) Acetone	2.118	43	242238	130.943	ug/l	96
17) Carbon Disulfide	2.253	76	189788	16.061	ug/l	100
18) Methyl Acetate	2.378	43	150805	23.907	ug/l	98
19) Methyl tert-butyl Ether	2.706	73	354225	22.459	ug/l	99
20) Methylene Chloride	2.455	84	122572	20.048	ug/l	97
21) trans-1,2-Dichloroethene	2.700	96	100225	19.647	ug/l	94
22) Diisopropyl ether	3.208	45	334023	23.750	ug/l	94
23) Vinyl Acetate	3.188	43	1146920	113.092	ug/l	98
24) 1,1-Dichloroethane	3.118	63	199929	21.087	ug/l	99
25) 2-Butanone	3.860	43	335787	122.742	ug/l	99
26) 2,2-Dichloropropane	3.809	77	174302	19.836	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	124436	20.932	ug/l	97
28) Bromochloromethane	4.143	49	85946	21.210	ug/l	98
29) Tetrahydrofuran	4.230	42	214607	115.828	ug/l	96
30) Chloroform	4.275	83	226855	21.961	ug/l	98
31) Cyclohexane	4.584	56	139248	18.546	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	198314	20.685	ug/l	98
36) 1,1-Dichloropropene	4.745	75	122554	19.843	ug/l	98
37) Ethyl Acetate	3.976	43	132297	20.992	ug/l	96
38) Carbon Tetrachloride	4.732	117	164061	20.181	ug/l	98
39) Methylcyclohexane	6.047	83	142127	17.600	ug/l	99
40) Benzene	5.008	78	416806	20.437	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.163	41	55459	20.493	ug/l	91
42) 1,2-Dichloroethane	5.040	62	153457	21.253	ug/l	99
43) Isopropyl Acetate	5.188	43	198945	19.787	ug/l	99
44) Trichloroethene	5.835	130	105810	19.880	ug/l	95
45) 1,2-Dichloropropane	6.088	63	110093	21.494	ug/l	98
46) Dibromomethane	6.227	93	83663	20.713	ug/l	97
47) Bromodichloromethane	6.426	83	178284	20.845	ug/l	98
48) Methyl methacrylate	6.298	41	95470	19.970	ug/l	97
49) 1,4-Dioxane	6.285	88	33743	509.206	ug/l	97
51) 4-Methyl-2-Pentanone	7.143	43	744368	117.324	ug/l	98
52) Toluene	7.307	92	275976	21.659	ug/l	97
53) t-1,3-Dichloropropene	7.574	75	169023	20.643	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	179487	21.439	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	122991	22.073	ug/l	99
56) Ethyl methacrylate	7.715	69	156327	21.326	ug/l	97
57) 1,3-Dichloropropane	7.934	76	189631	21.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	322383	96.856	ug/l	98
59) 2-Hexanone	8.063	43	519126	116.006	ug/l	99
60) Dibromochloromethane	8.166	129	148382	21.150	ug/l	100
61) 1,2-Dibromoethane	8.275	107	126066	21.869	ug/l	99
64) Tetrachloroethene	7.896	164	95585	19.652	ug/l	99
65) Chlorobenzene	8.805	112	322130	20.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	126212	21.204	ug/l	98
67) Ethyl Benzene	8.937	91	507013	20.302	ug/l	100
68) m/p-Xylenes	9.063	106	408182	42.672	ug/l	100
69) o-Xylene	9.468	106	186496	20.406	ug/l	100
70) Styrene	9.487	104	338543	21.217	ug/l	99
71) Bromoform	9.654	173	104464	21.597	ug/l #	99
73) Isopropylbenzene	9.857	105	529345	20.668	ug/l	99
74) N-amyl acetate	9.725	43	189998	21.194	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.166	83	200653	21.610	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	142841	21.155	ug/l	95
77) Bromobenzene	10.140	156	140364	21.244	ug/l	97
78) n-propylbenzene	10.278	91	635830	20.861	ug/l	100
79) 2-Chlorotoluene	10.349	91	390839	21.114	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	462920	21.139	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	63231	19.933	ug/l	94
82) 4-Chlorotoluene	10.461	91	459388	21.528	ug/l	100
83) tert-Butylbenzene	10.789	119	462271	20.353	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	460247	21.443	ug/l	99
85) sec-Butylbenzene	11.011	105	599870	20.745	ug/l	100
86) p-Isopropyltoluene	11.165	119	511161	20.618	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	275665	20.522	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	296398	20.942	ug/l	99
89) n-Butylbenzene	11.580	91	468192	20.377	ug/l	99
90) Hexachloroethane	11.818	117	106183	19.731	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	263430	20.807	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	40091	20.394	ug/l	100
93) 1,2,4-Trichlorobenzene	13.188	180	162980	19.860	ug/l	99
94) Hexachlorobutadiene	13.368	225	76952	19.431	ug/l	96
95) Naphthalene	13.426	128	518020	19.842	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	170508	20.133	ug/l	99

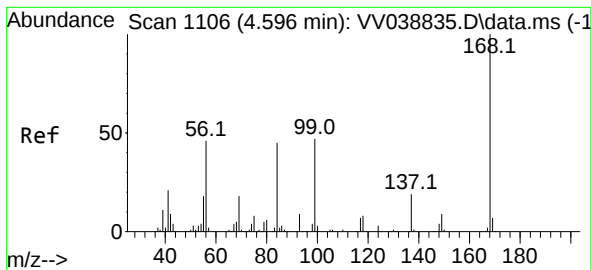
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. 0.001 min

Lab File: VV038868.D

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Instrument :

MSVOA_V

ClientSampleId :

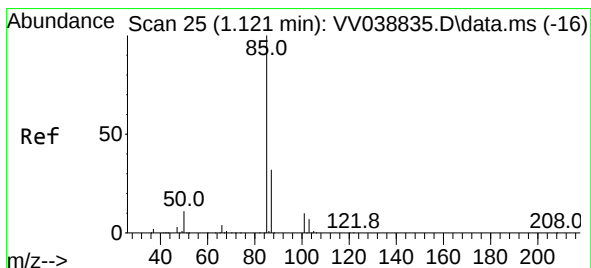
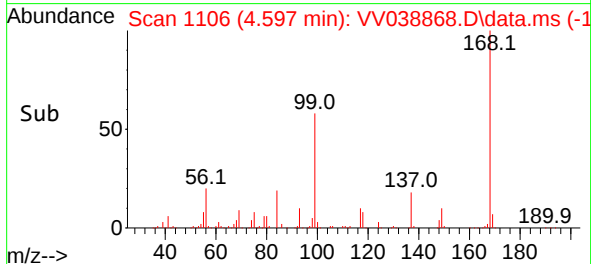
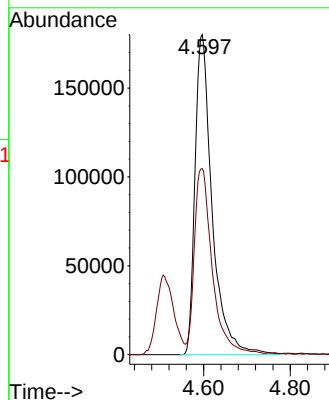
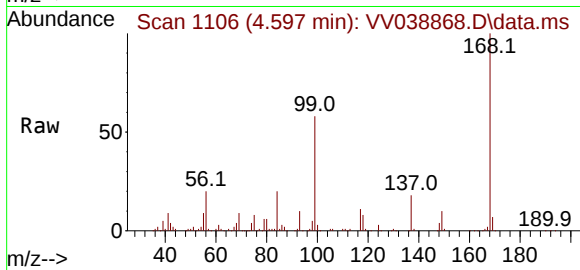
VV0707WBS01

Tgt Ion:168 Resp: 495324

Ion Ratio Lower Upper

168 100

99 57.9 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 18.730 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038868.D

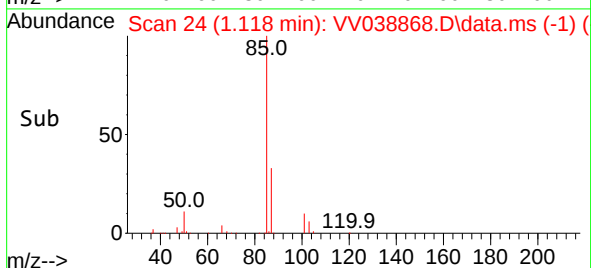
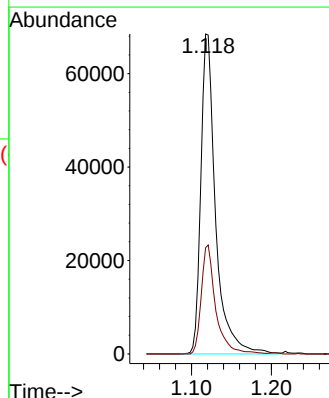
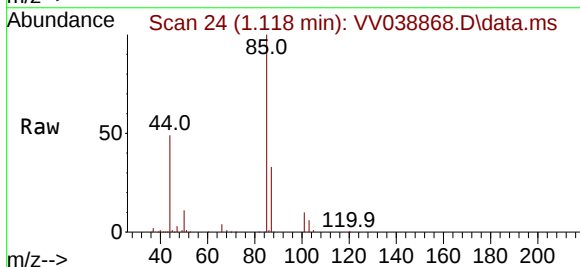
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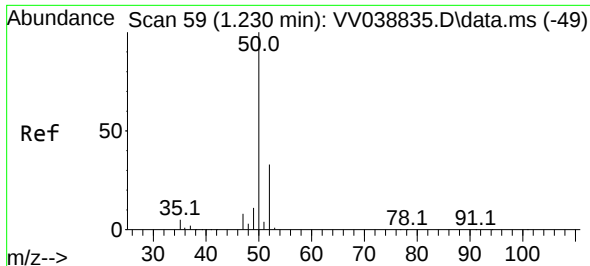
Tgt Ion: 85 Resp: 88067

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.3

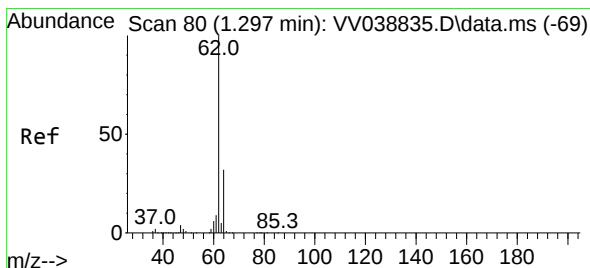
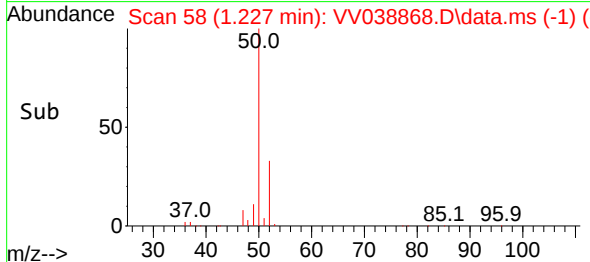
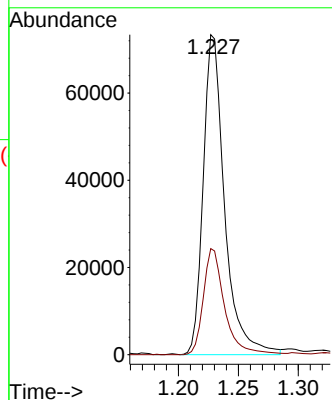
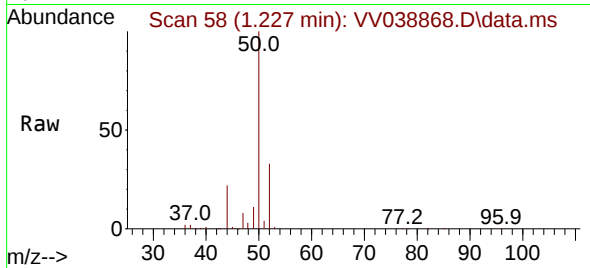




#3
Chloromethane
Concen: 15.806 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

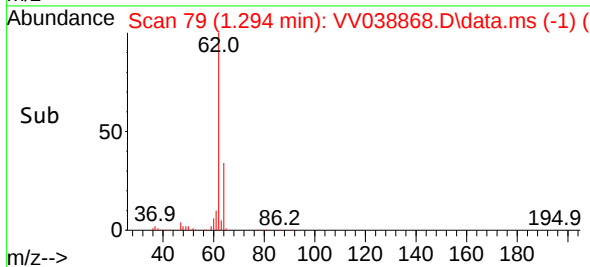
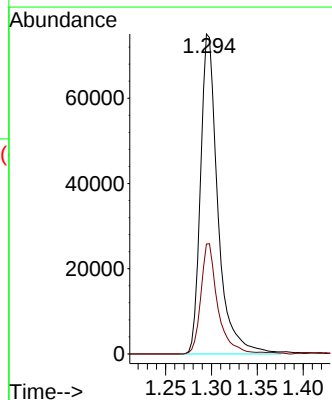
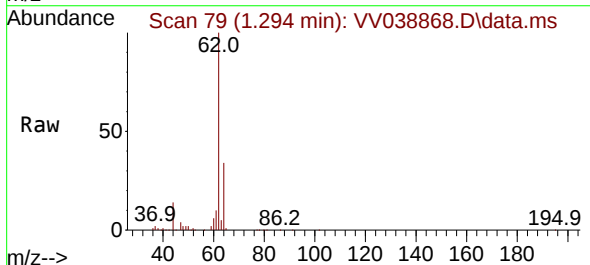
Instrument :
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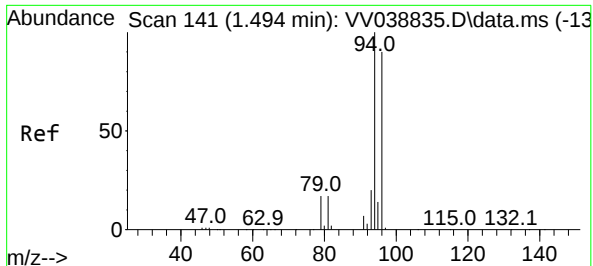
Tgt Ion: 50 Resp: 91185
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1



#4
Vinyl Chloride
Concen: 18.437 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 62 Resp: 98915
Ion Ratio Lower Upper
62 100
64 34.4 25.5 38.3

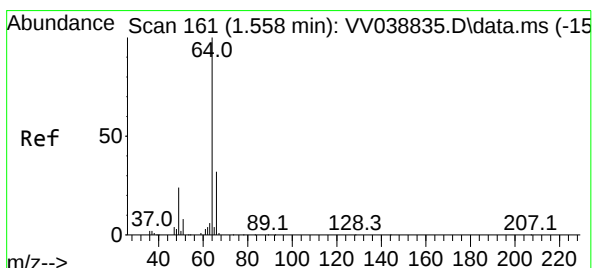
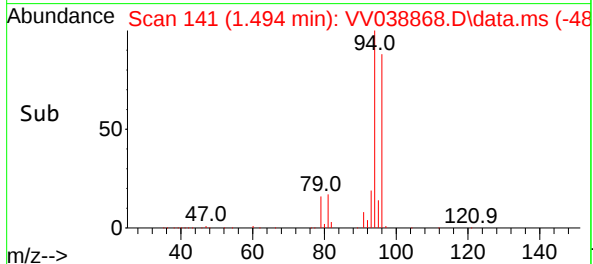
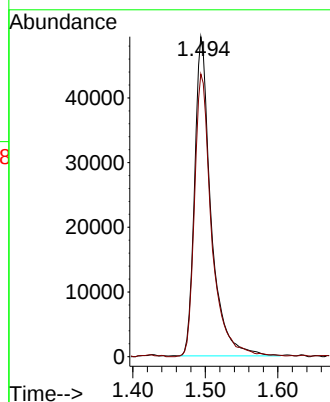
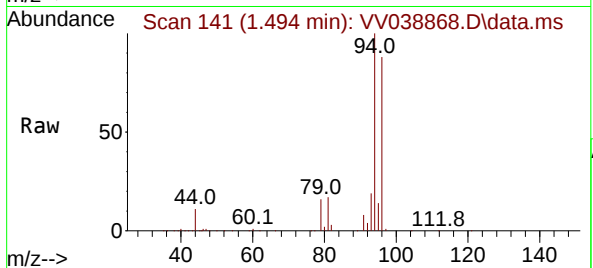




#5
Bromomethane
Concen: 23.726 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

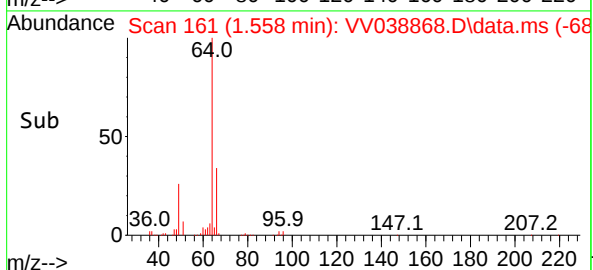
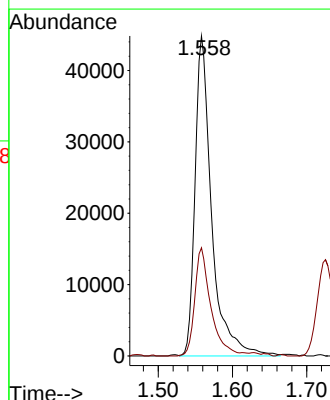
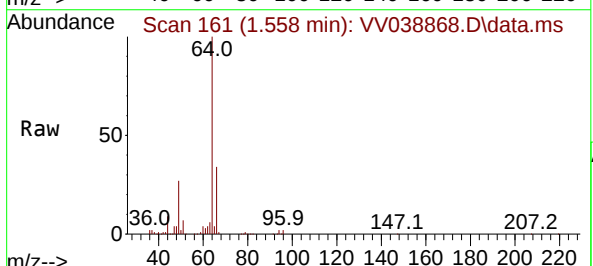
Instrument :
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Tgt Ion: 94 Resp: 77678
Ion Ratio Lower Upper
94 100
96 88.3 72.2 108.4



#6
Chloroethane
Concen: 19.447 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 64 Resp: 69942
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.0

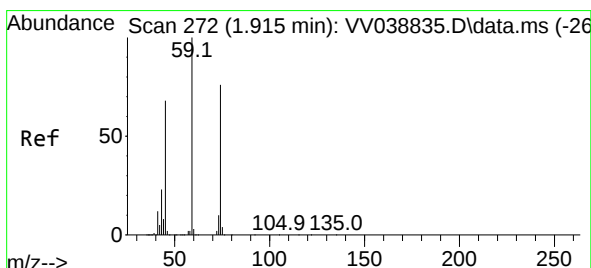
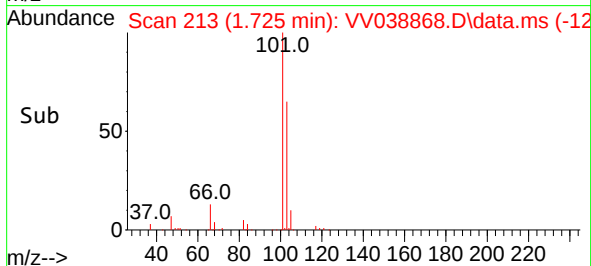
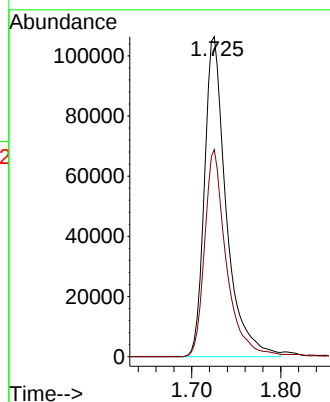
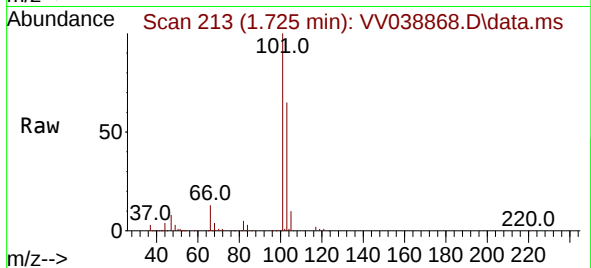




#7
 Trichlorofluoromethane
 Concen: 18.984 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038868.D
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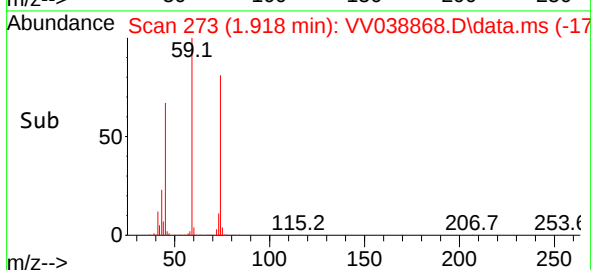
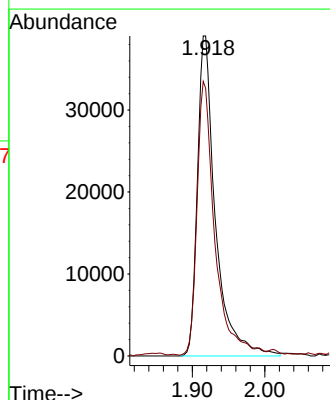
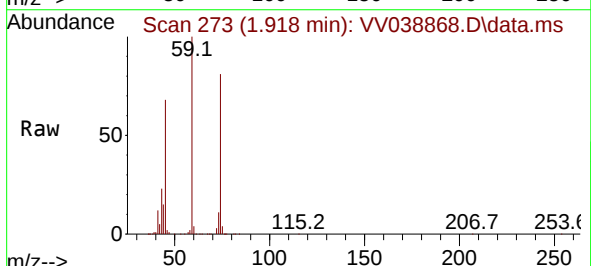
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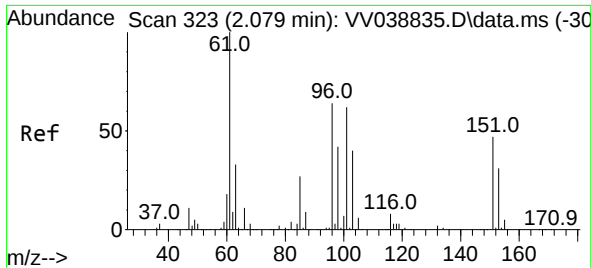
Tgt Ion:101 Resp: 180192
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.8 79.2



#8
 Diethyl Ether
 Concen: 20.445 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038868.D
 Acq: 07 Jul 2025 13:31

Tgt Ion: 74 Resp: 67531
 Ion Ratio Lower Upper
 74 100
 45 83.0 43.9 131.7

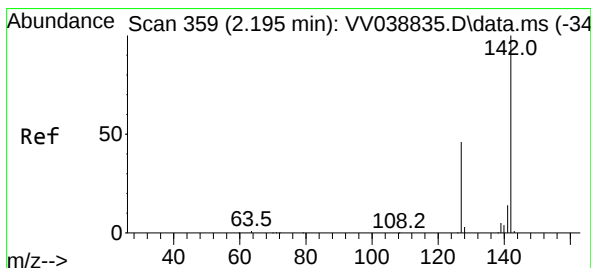
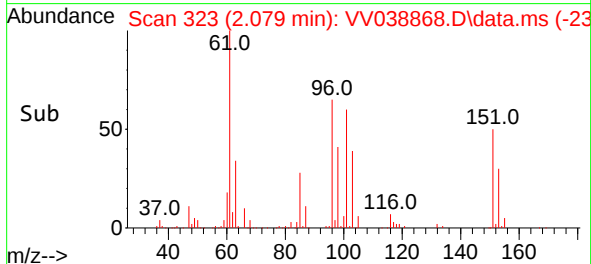
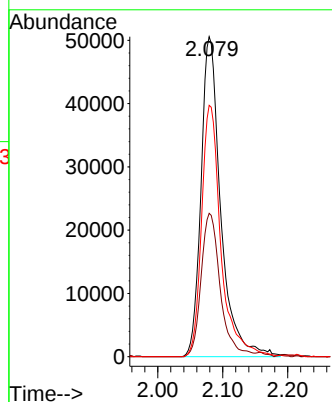
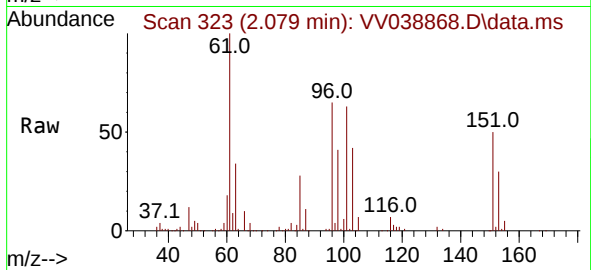




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.926 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038868.D
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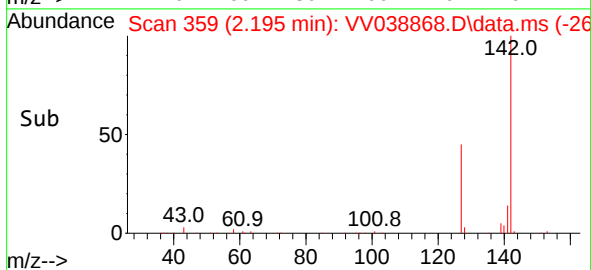
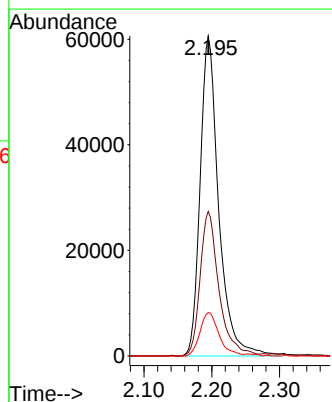
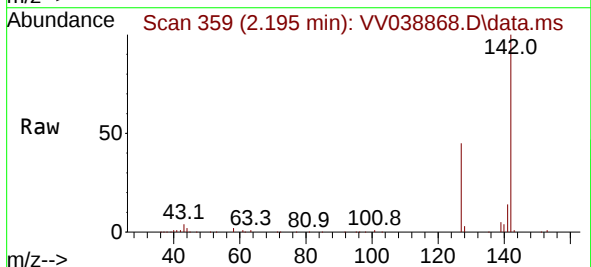
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ClientSampleId :
VV0707WBS01

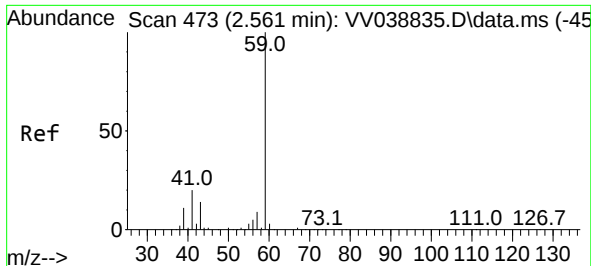
Tgt Ion:101 Resp: 106946
Ion Ratio Lower Upper
101 100
85 43.6 34.6 52.0
151 77.0 60.4 90.6



#10
Methyl Iodide
Concen: 16.932 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion:142 Resp: 115301
Ion Ratio Lower Upper
142 100
127 45.7 36.9 55.3
141 13.9 11.8 17.8

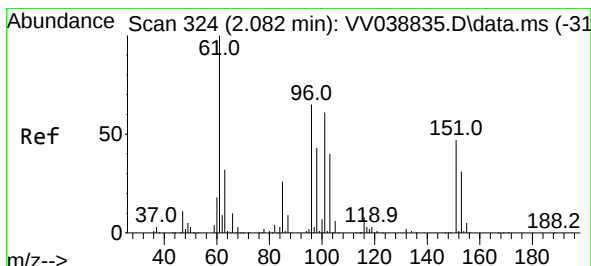
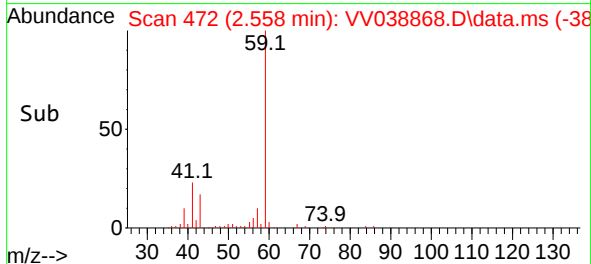
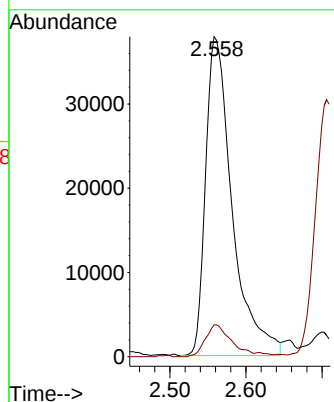
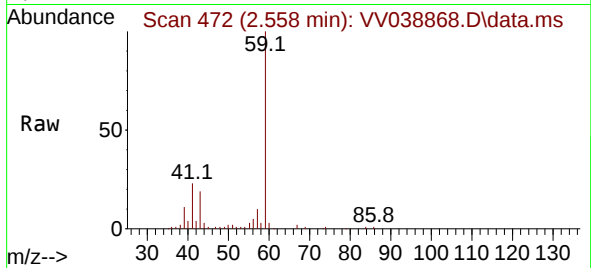




#11
Tert butyl alcohol
Concen: 126.908 ug/l
RT: 2.558 min Scan# 411
Delta R.T. -0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

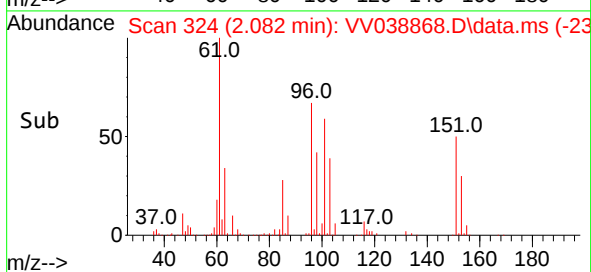
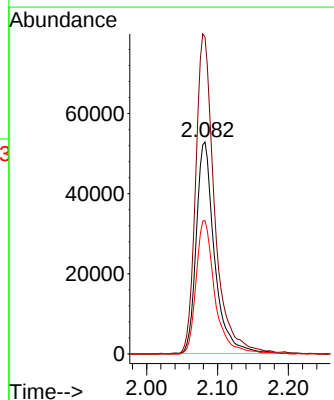
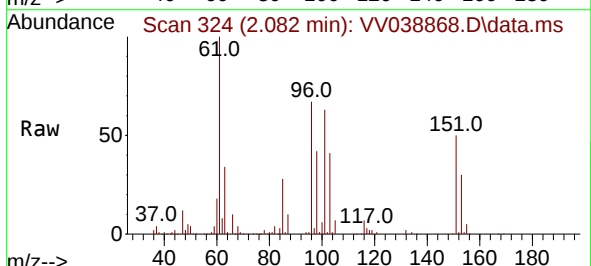
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

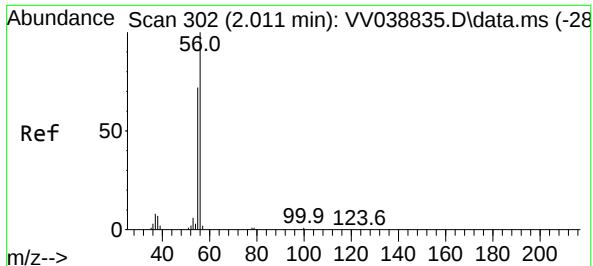
Tgt Ion: 59 Resp: 91959
Ion Ratio Lower Upper
59 100
57 9.6 8.0 12.0



#12
1,1-Dichloroethene
Concen: 18.517 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 96 Resp: 94457
Ion Ratio Lower Upper
96 100
61 149.5 123.5 185.3
98 63.1 52.5 78.7

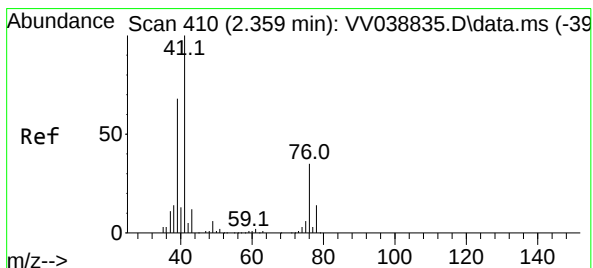
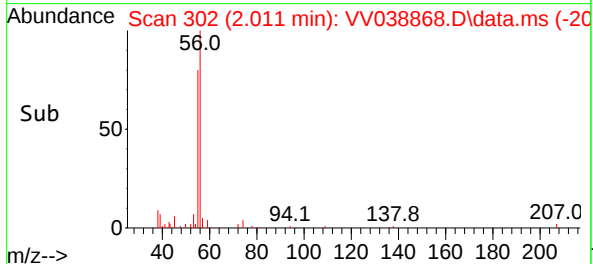
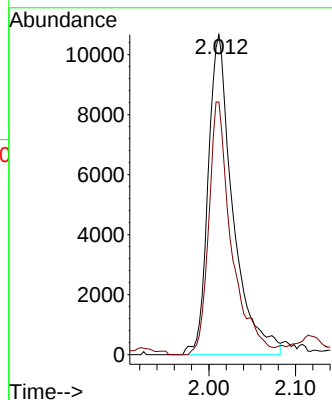
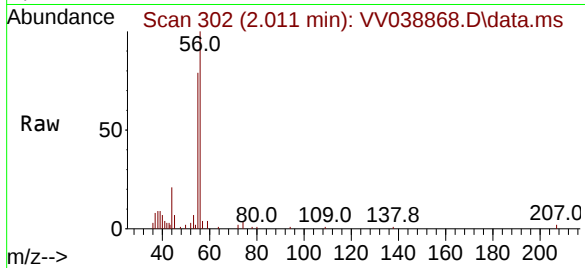




#13
Acrolein
Concen: 116.861 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

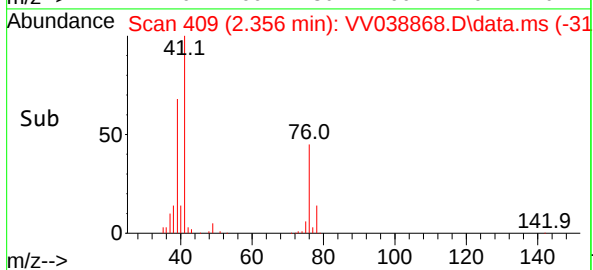
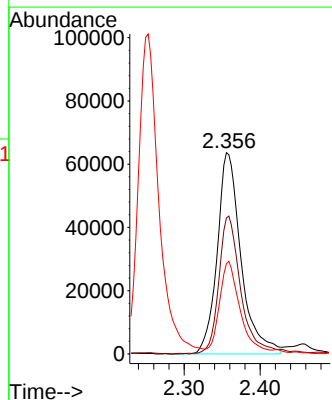
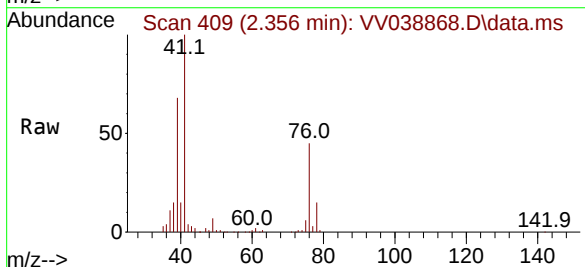
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

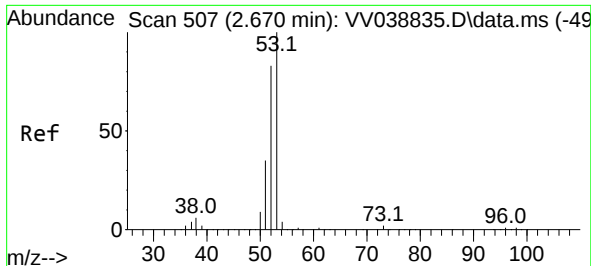
Tgt Ion: 56 Resp: 21144
Ion Ratio Lower Upper
56 100
55 72.7 53.4 80.2



#14
Allyl chloride
Concen: 20.223 ug/l
RT: 2.356 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 41 Resp: 138727
Ion Ratio Lower Upper
41 100
39 63.5 51.0 76.4
76 36.3 33.6 50.4

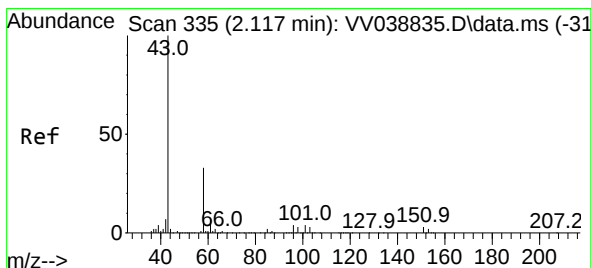
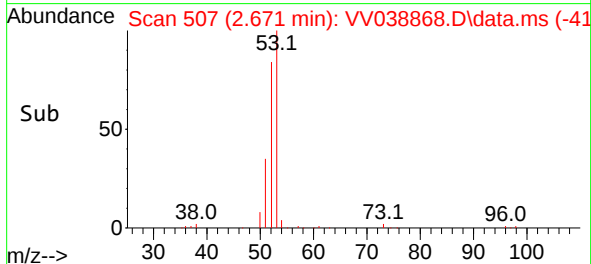
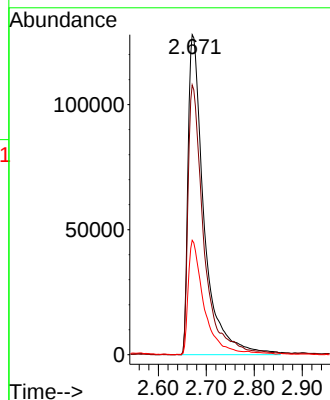
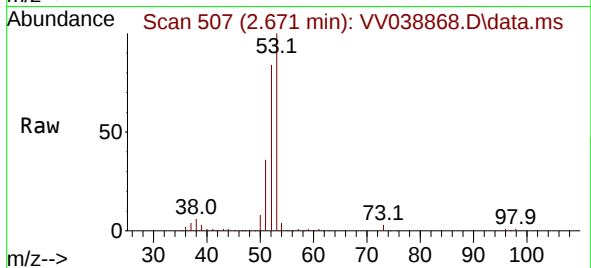




#15
Acrylonitrile
Concen: 117.389 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

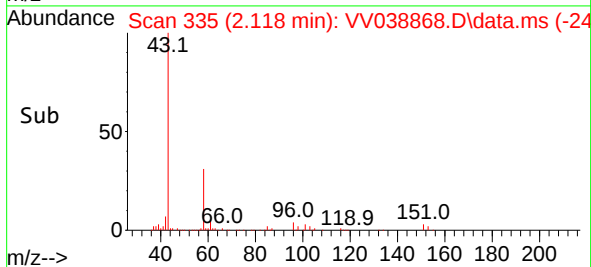
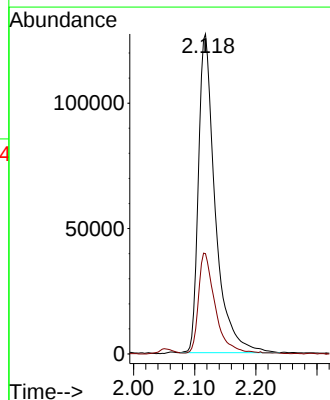
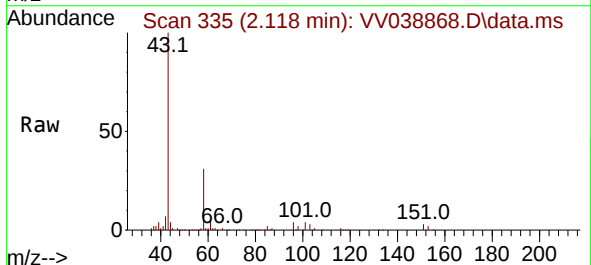
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

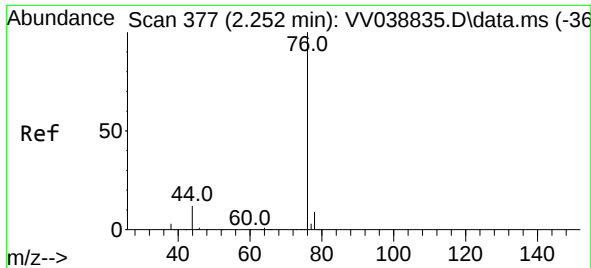
Tgt Ion: 53 Resp: 297547
Ion Ratio Lower Upper
53 100
52 82.0 65.8 98.6
51 35.0 28.5 42.7



#16
Acetone
Concen: 130.943 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 43 Resp: 242238
Ion Ratio Lower Upper
43 100
58 31.2 27.0 40.4

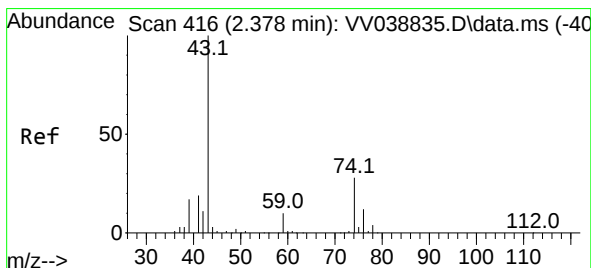
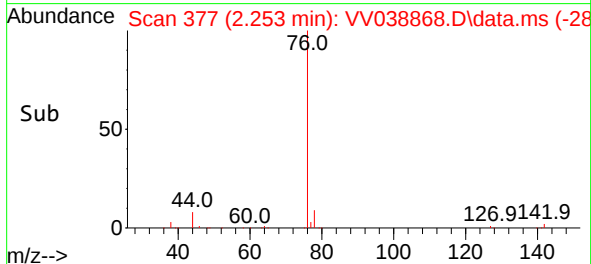
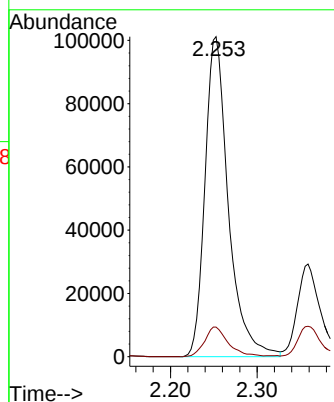
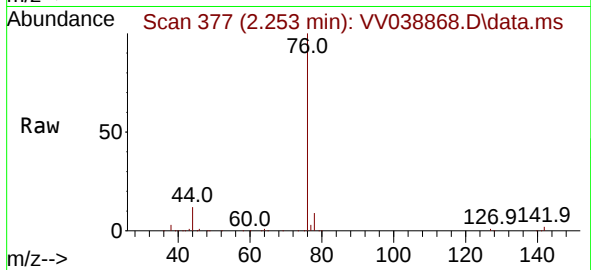




#17
Carbon Disulfide
Concen: 16.061 ug/l
RT: 2.253 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

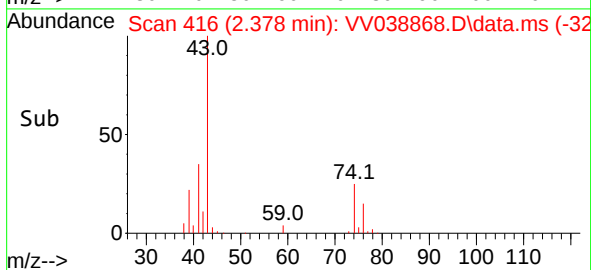
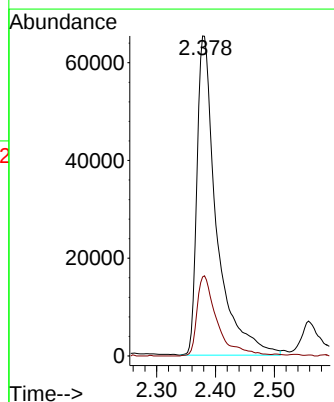
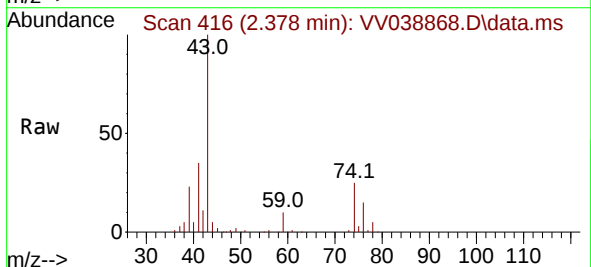
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

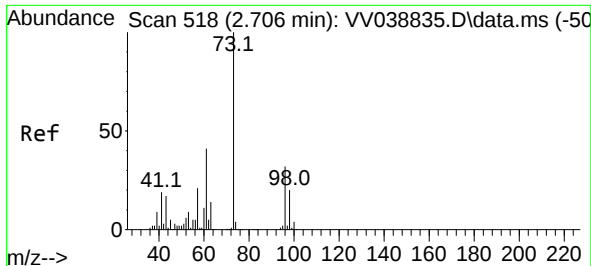
Tgt Ion: 76 Resp: 189788
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 23.907 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 43 Resp: 150805
Ion Ratio Lower Upper
43 100
74 25.8 21.4 32.0

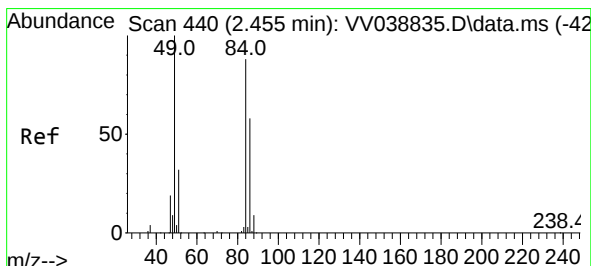
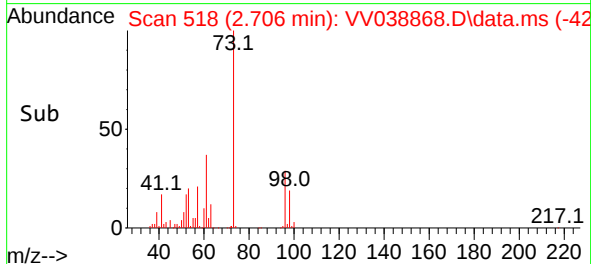
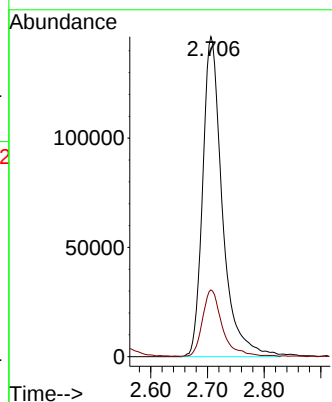
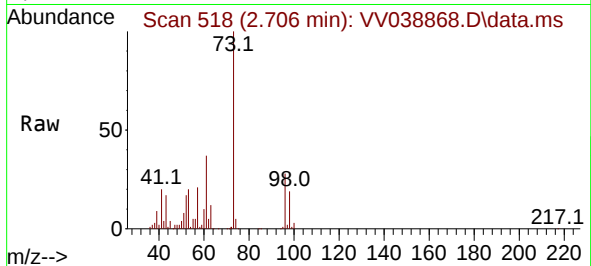




#19
Methyl tert-butyl Ether
Concen: 22.459 ug/l
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

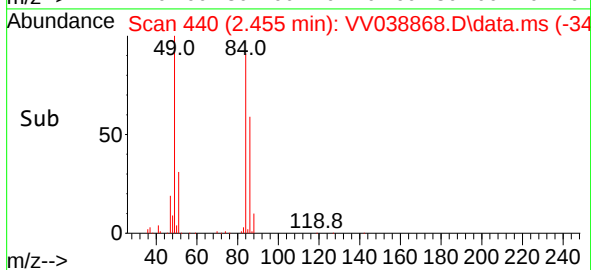
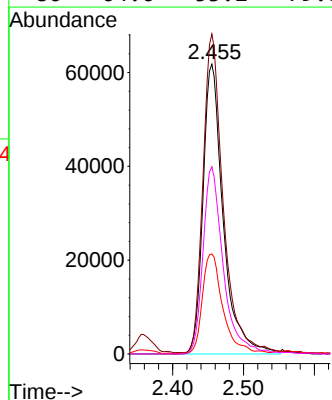
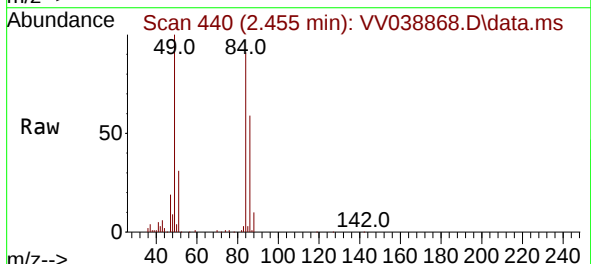
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

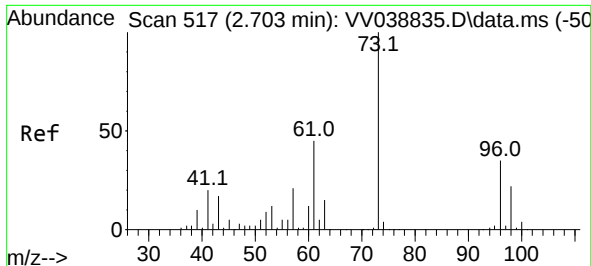
Tgt Ion: 73 Resp: 354225
Ion Ratio Lower Upper
73 100
57 20.7 17.0 25.4



#20
Methylene Chloride
Concen: 20.048 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 84 Resp: 122572
Ion Ratio Lower Upper
84 100
49 110.0 91.0 136.4
51 34.2 29.4 44.2
86 64.6 53.2 79.8

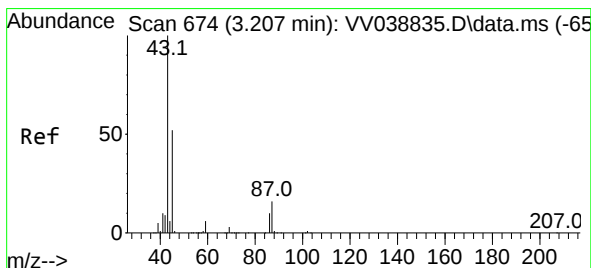
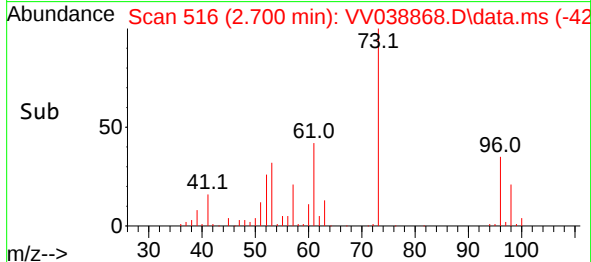
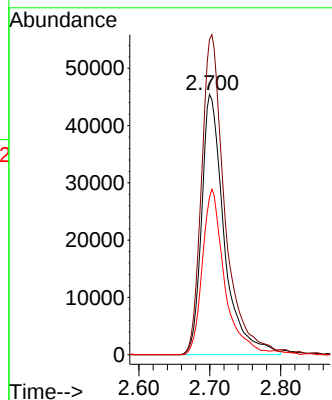
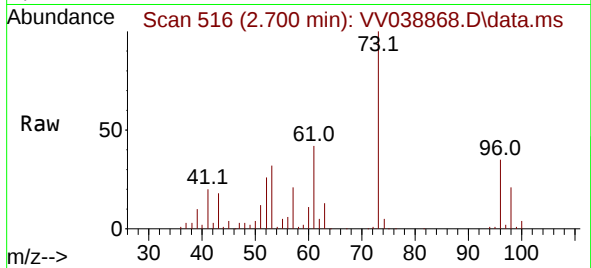




#21
trans-1,2-Dichloroethene
Concen: 19.647 ug/l
RT: 2.700 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

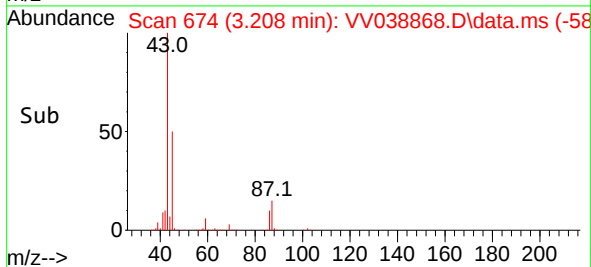
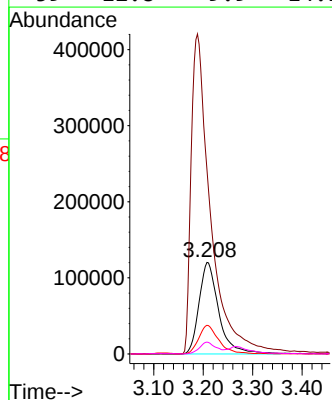
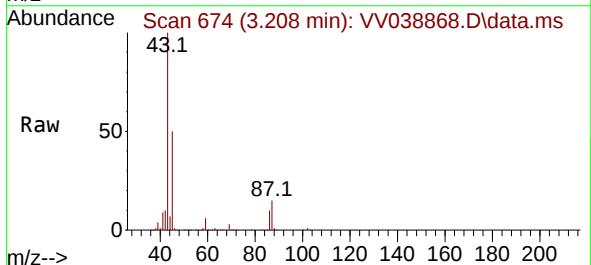
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

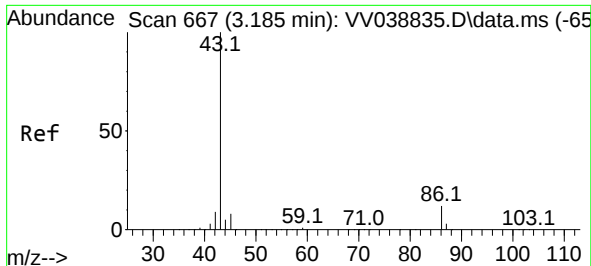
Tgt Ion: 96 Resp: 100225
Ion Ratio Lower Upper
96 100
61 121.1 102.8 154.2
98 60.4 50.9 76.3



#22
Diisopropyl ether
Concen: 23.750 ug/l
RT: 3.208 min Scan# 674
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 45 Resp: 334023
Ion Ratio Lower Upper
45 100
43 201.8 153.1 229.7
87 31.0 25.2 37.8
59 12.8 9.9 14.9

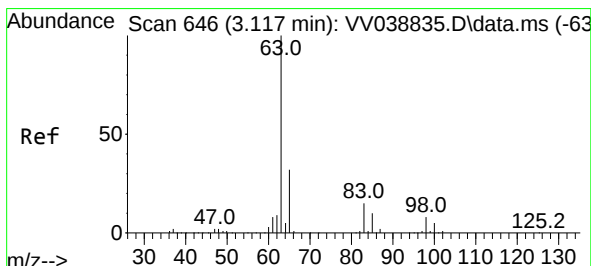
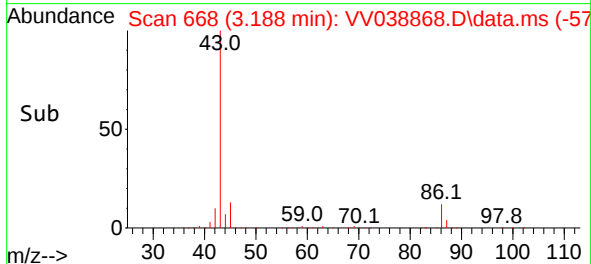
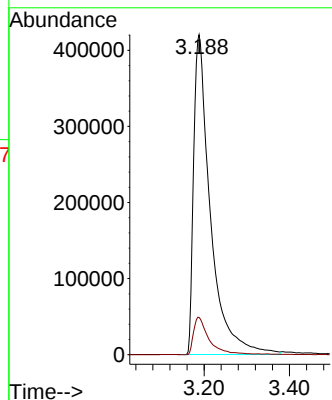
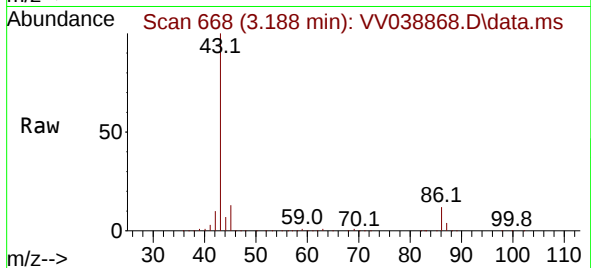




#23
 Vinyl Acetate
 Concen: 113.092 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV038868.D
 Acq: 07 Jul 2025 13:31

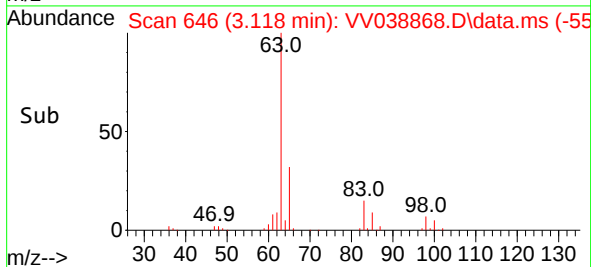
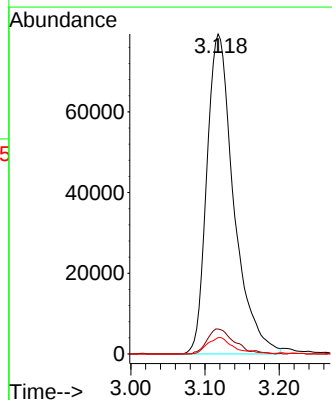
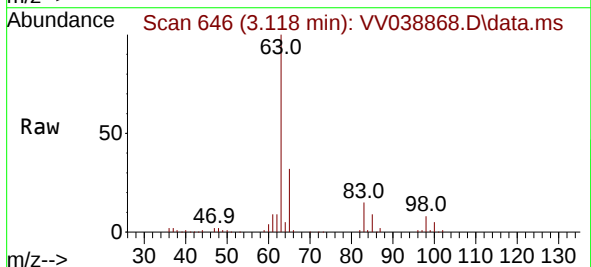
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBS01

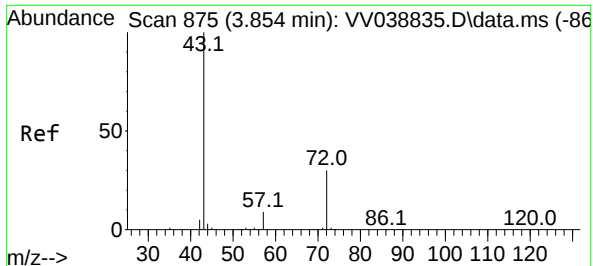
Tgt Ion: 43 Resp: 1146920
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 21.087 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038868.D
 Acq: 07 Jul 2025 13:31

Tgt Ion: 63 Resp: 199929
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.1 12.3
 100 5.1 2.4 7.2

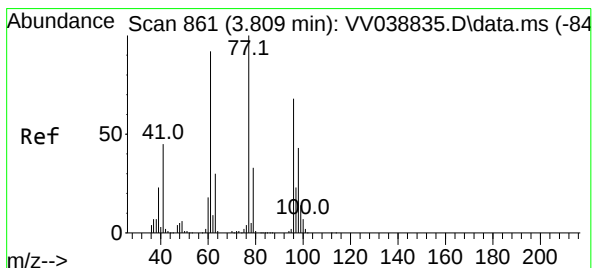
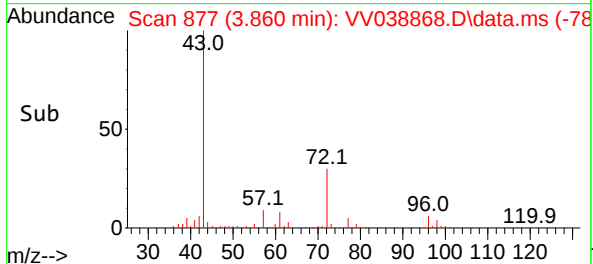
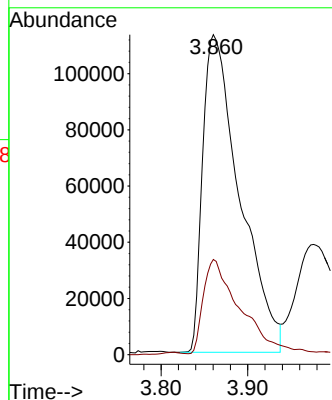
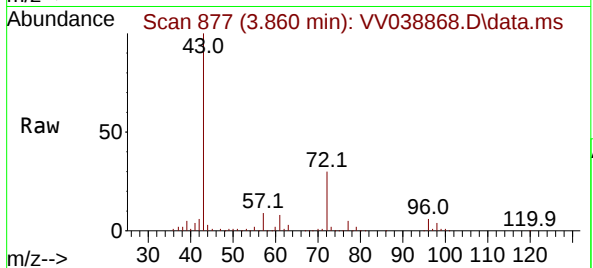




#25
2-Butanone
Concen: 122.742 ug/l
RT: 3.860 min Scan# 81
Delta R.T. 0.007 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

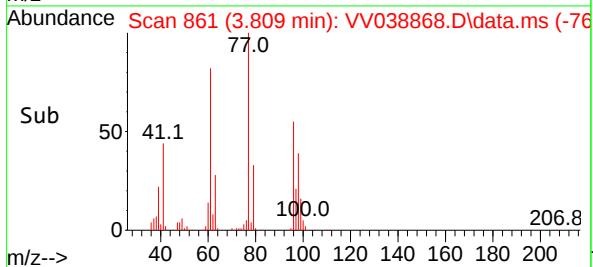
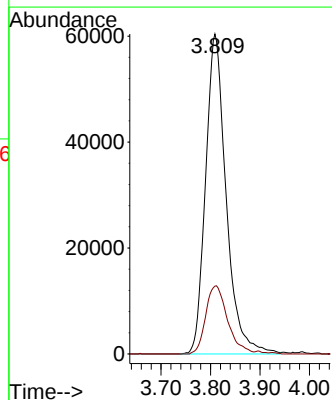
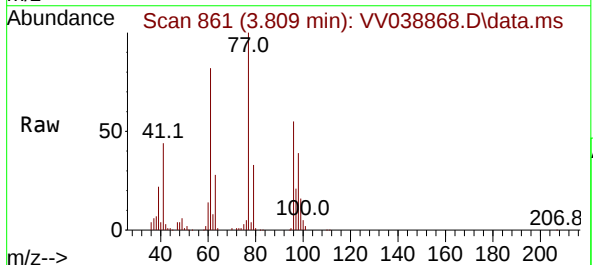
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

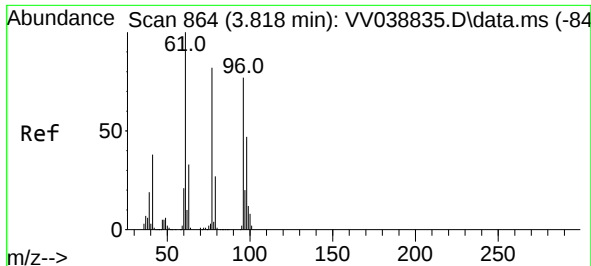
Tgt Ion: 43 Resp: 335787
Ion Ratio Lower Upper
43 100
72 29.5 23.8 35.8



#26
2,2-Dichloropropane
Concen: 19.836 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 77 Resp: 174302
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.4

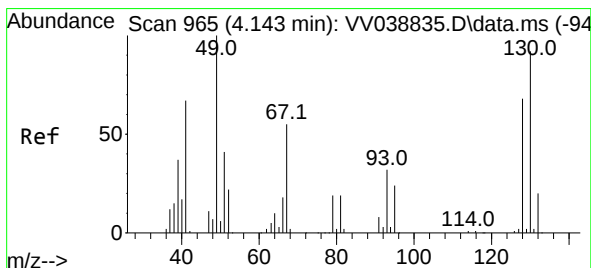
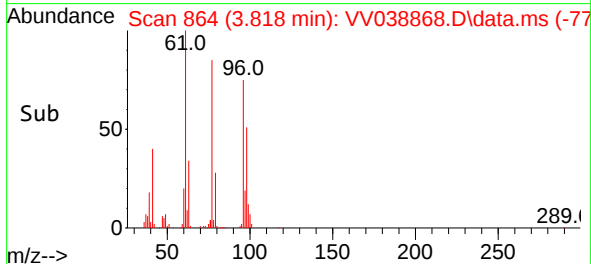
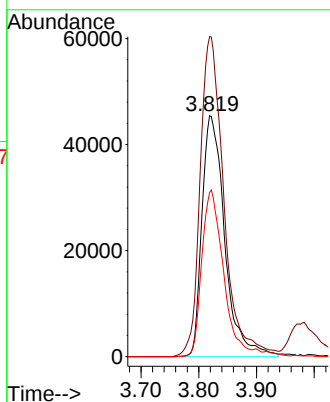
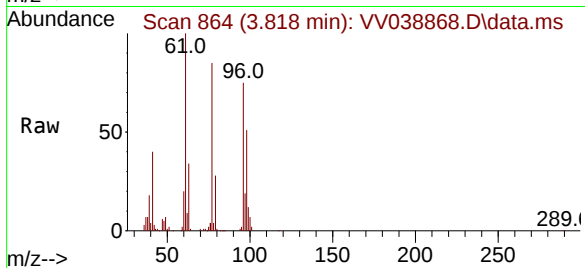




#27
 cis-1,2-Dichloroethene
 Concen: 20.932 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038868.D
 Acq: 07 Jul 2025 13:31

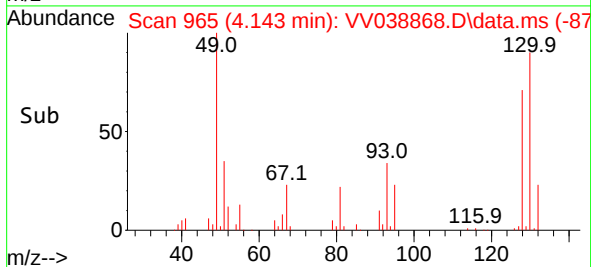
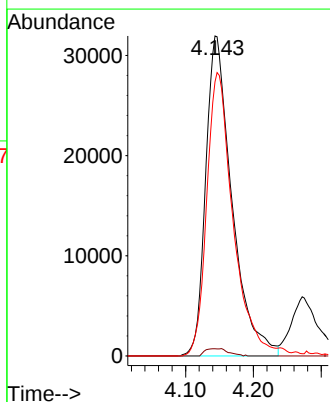
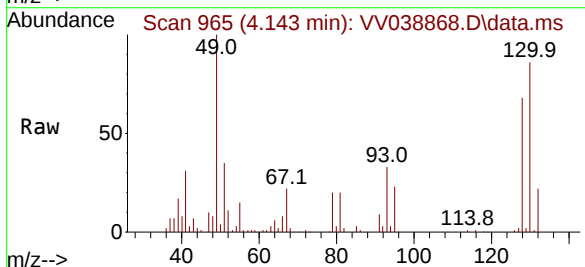
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBS01

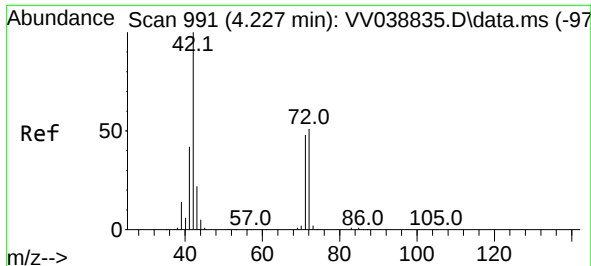
Tgt Ion: 96 Resp: 124436
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 268.4
 98 64.9 0.0 128.0



#28
 Bromochloromethane
 Concen: 21.210 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VV038868.D
 Acq: 07 Jul 2025 13:31

Tgt Ion: 49 Resp: 85946
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 88.3 72.5 108.7





#29

Tetrahydrofuran

Concen: 115.828 ug/l

RT: 4.230 min Scan# 991

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBS01

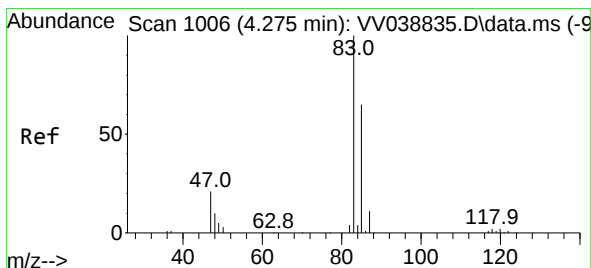
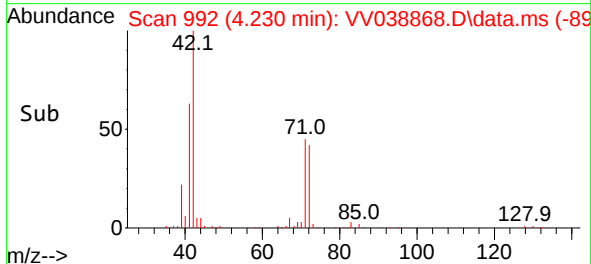
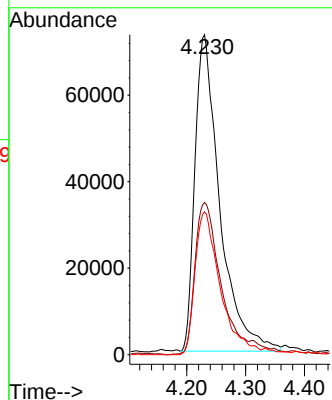
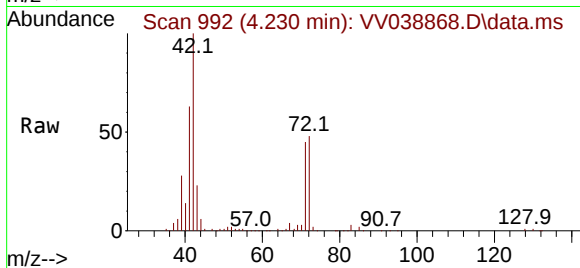
Tgt Ion: 42 Resp: 214607

Ion Ratio Lower Upper

42 100

72 48.9 41.3 61.9

71 45.7 39.2 58.8



#30

Chloroform

Concen: 21.961 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV038868.D

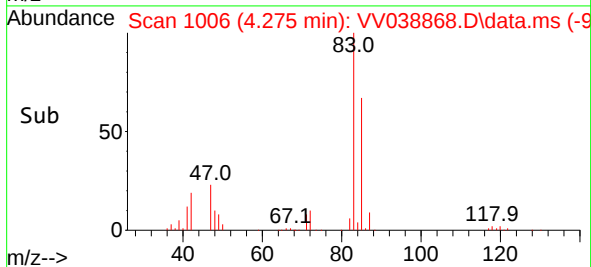
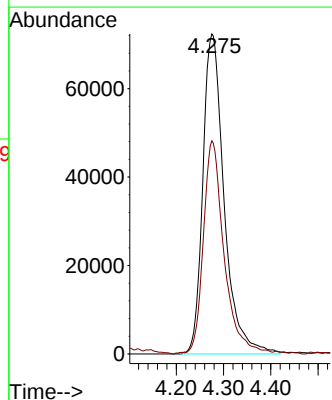
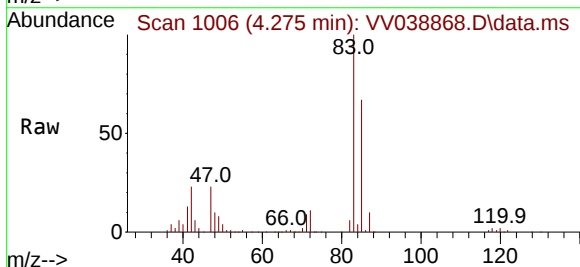
Acq: 07 Jul 2025 13:31

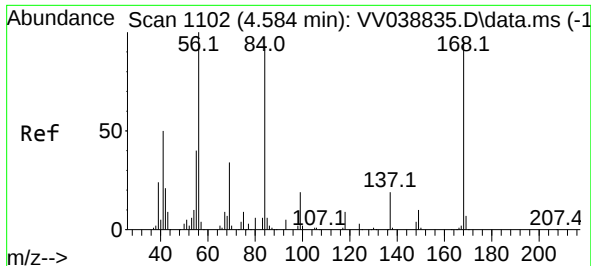
Tgt Ion: 83 Resp: 226855

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

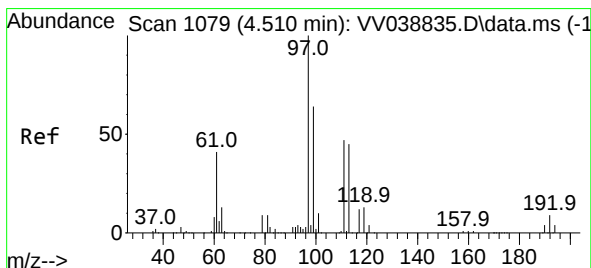
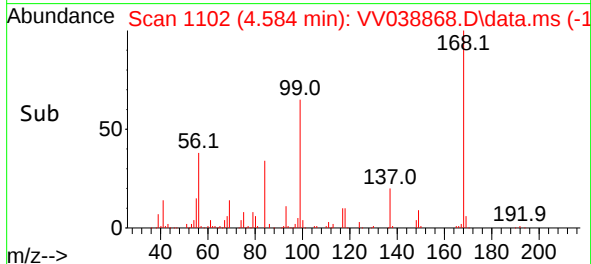
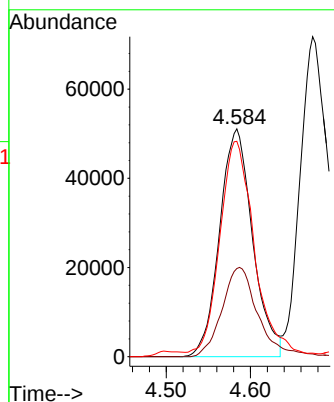
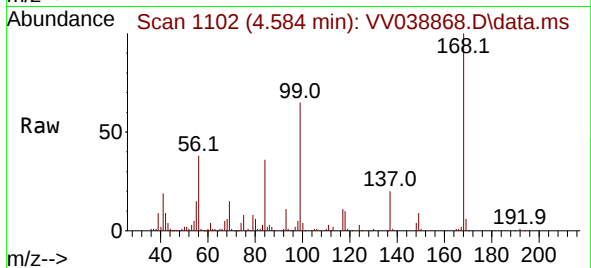




#31
Cyclohexane
Concen: 18.546 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

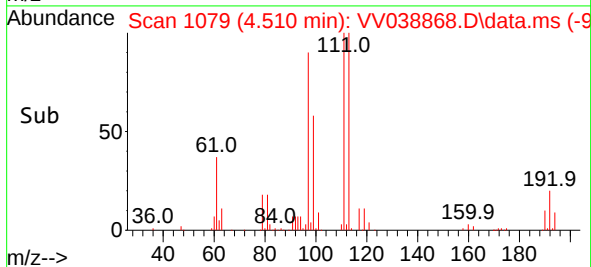
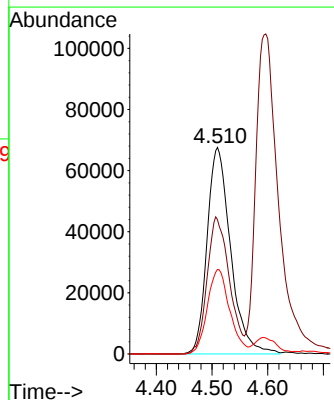
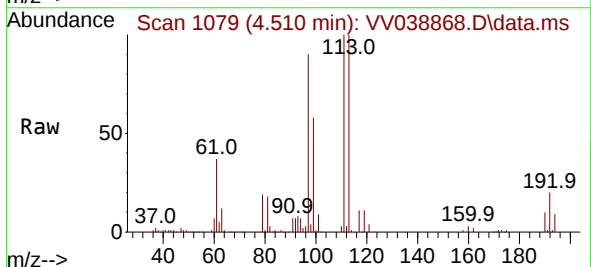
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

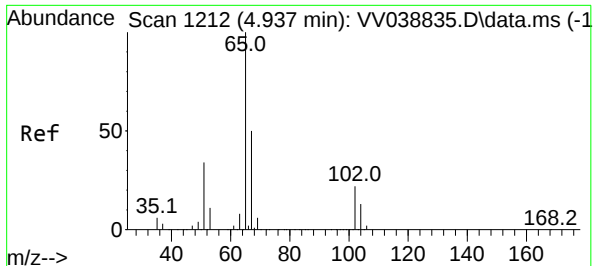
Tgt Ion: 56 Resp: 139248
Ion Ratio Lower Upper
56 100
69 38.7 27.0 40.4
84 92.5 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 20.685 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 97 Resp: 198314
Ion Ratio Lower Upper
97 100
99 62.7 48.8 73.2
61 39.0 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 51.636 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

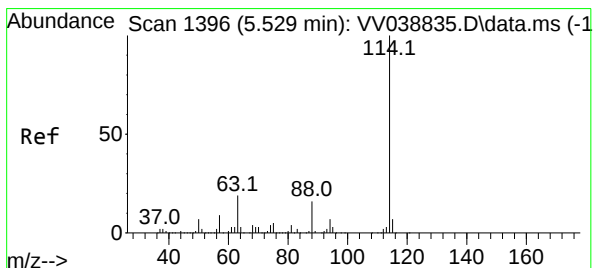
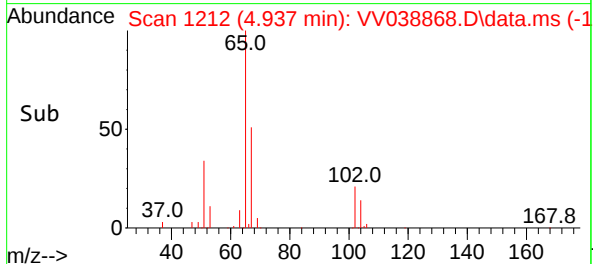
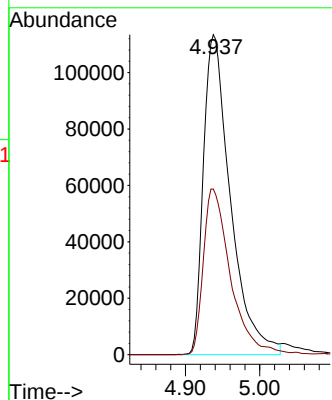
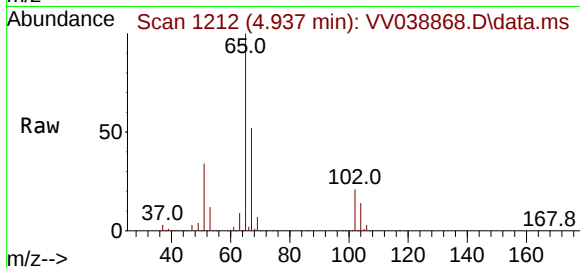
VV0707WBS01

Tgt Ion: 65 Resp: 286645

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

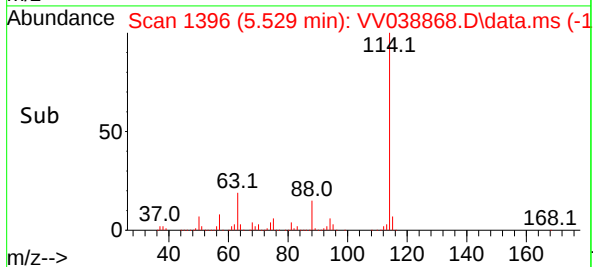
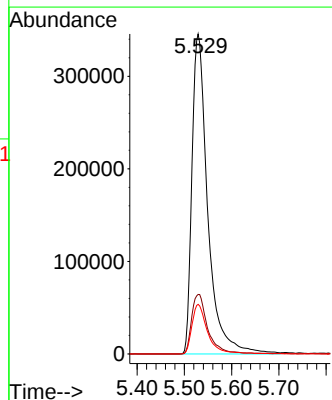
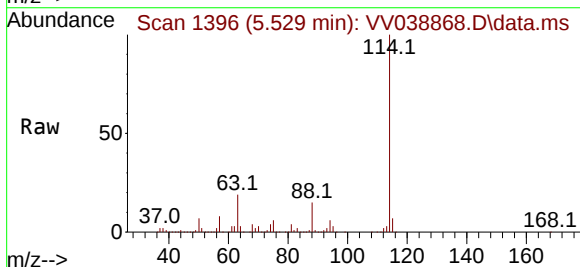
Tgt Ion: 114 Resp: 803542

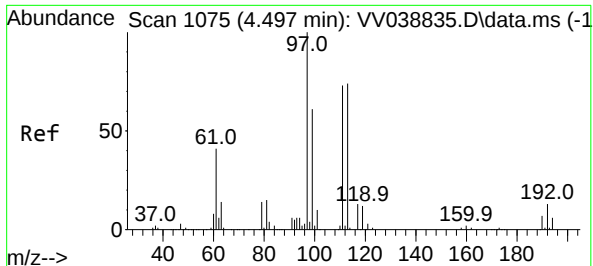
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.5 0.0 31.2

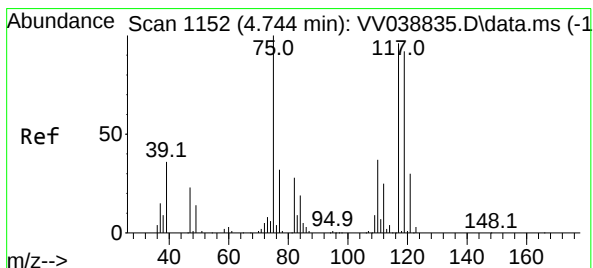
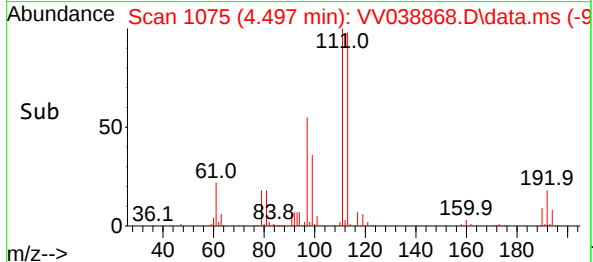
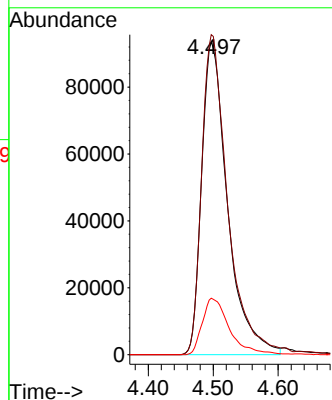
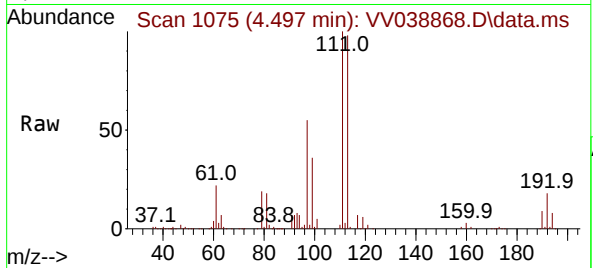




#35
Dibromofluoromethane
Concen: 51.001 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

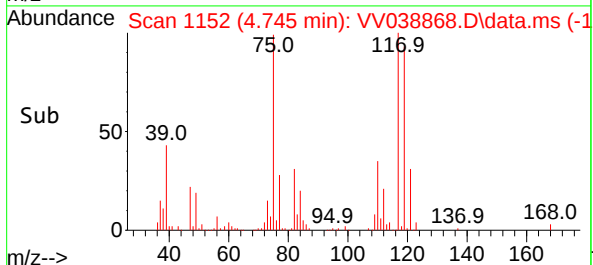
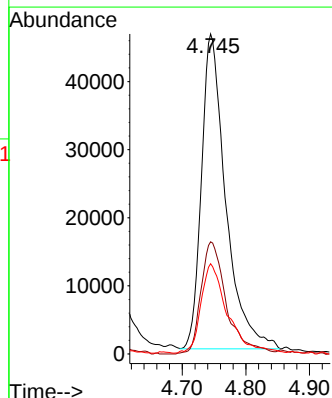
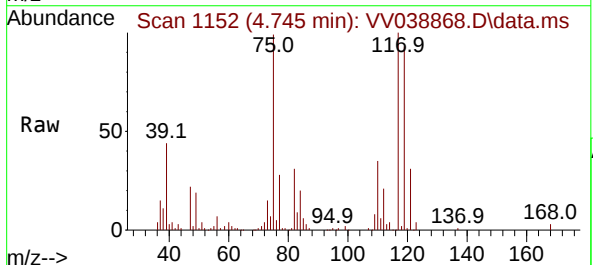
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

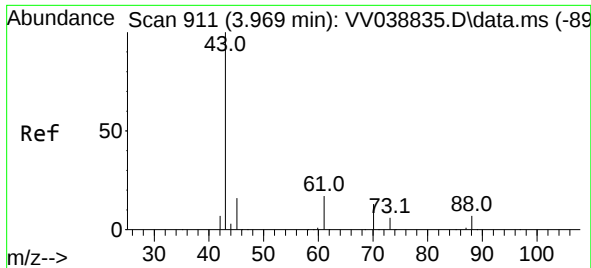
Tgt Ion:113 Resp: 259587
Ion Ratio Lower Upper
113 100
111 103.0 81.5 122.3
192 18.8 14.7 22.1



#36
1,1-Dichloropropene
Concen: 19.843 ug/l
RT: 4.745 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 75 Resp: 122554
Ion Ratio Lower Upper
75 100
110 37.3 19.3 57.9
77 30.8 25.1 37.7

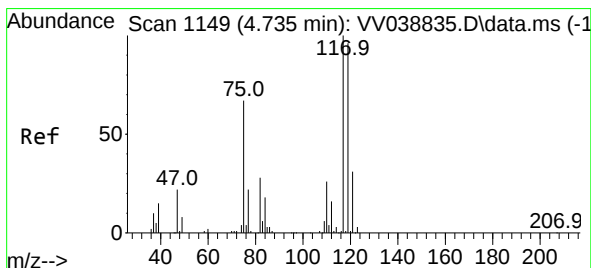
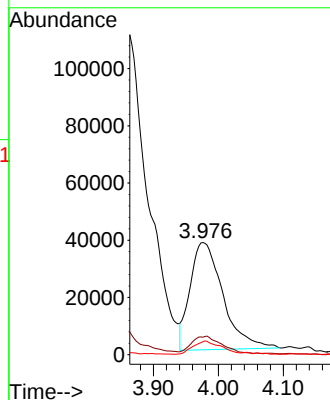
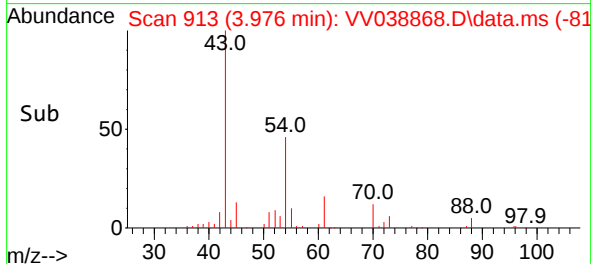
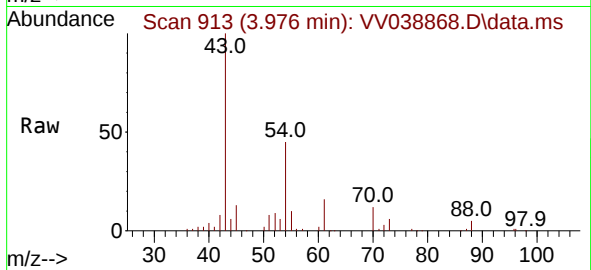




#37
Ethyl Acetate
Concen: 20.992 ug/l
RT: 3.976 min Scan# 911
Delta R.T. 0.007 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

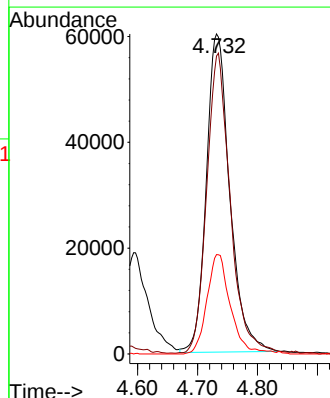
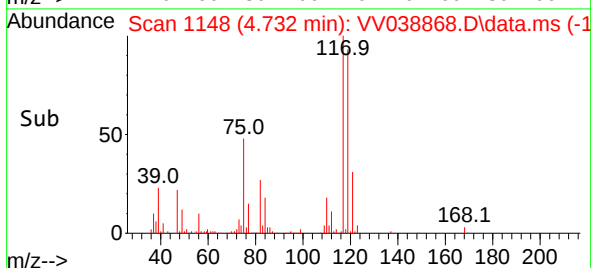
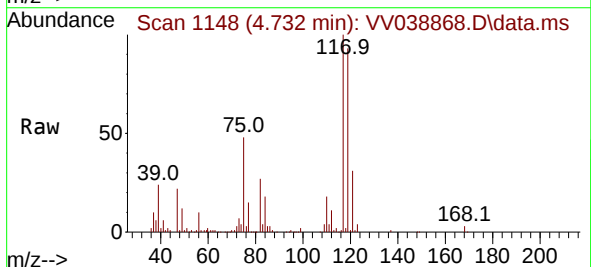
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

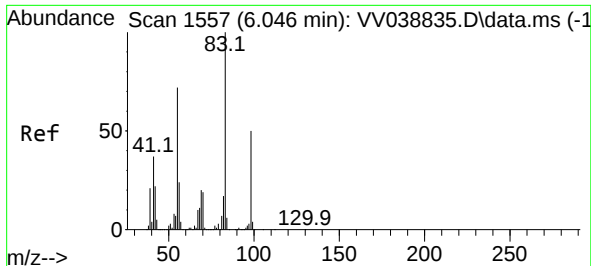
Tgt Ion: 43 Resp: 132297
Ion Ratio Lower Upper
43 100
61 14.7 13.0 19.4
70 10.4 9.6 14.4



#38
Carbon Tetrachloride
Concen: 20.181 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 117 Resp: 164061
Ion Ratio Lower Upper
117 100
119 93.4 76.5 114.7
121 31.3 25.0 37.6

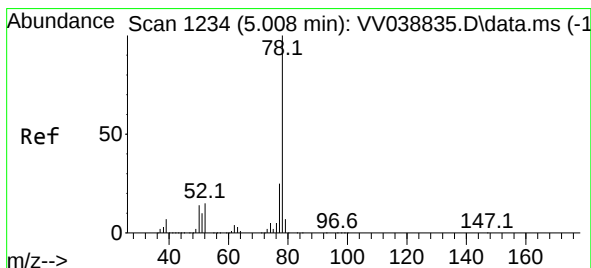
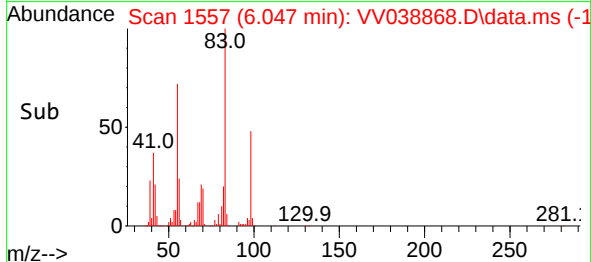
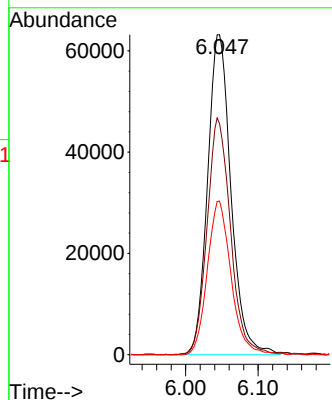
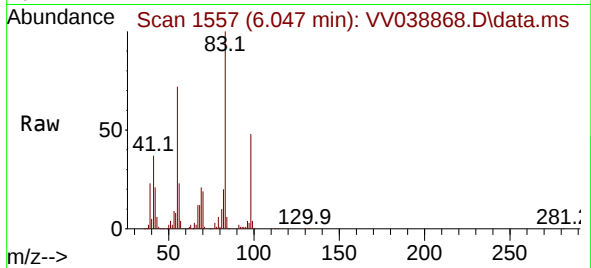




#39
Methylcyclohexane
Concen: 17.600 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

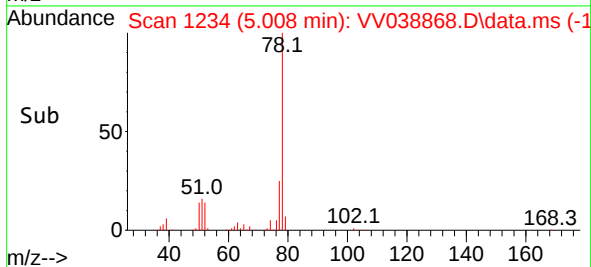
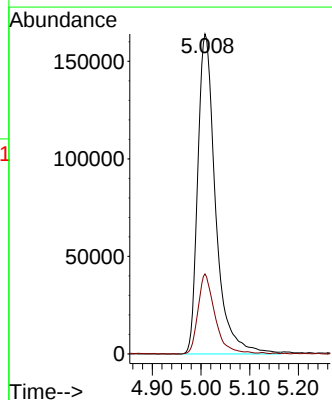
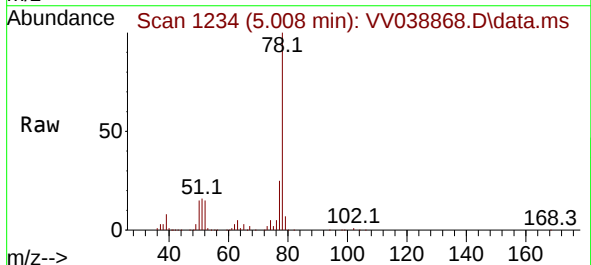
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

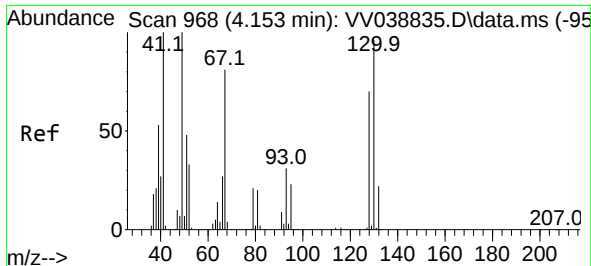
Tgt Ion: 83 Resp: 142127
Ion Ratio Lower Upper
83 100
55 72.0 57.7 86.5
98 48.0 40.2 60.2



#40
Benzene
Concen: 20.437 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 78 Resp: 416806
Ion Ratio Lower Upper
78 100
77 25.0 19.6 29.4

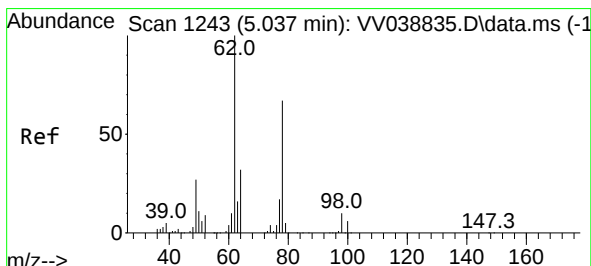
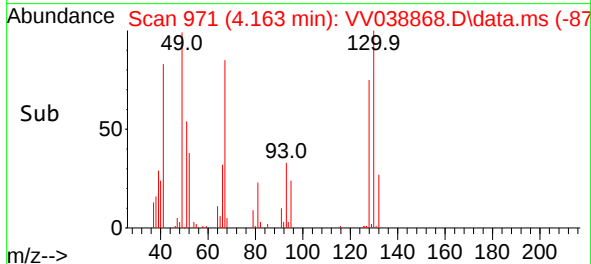
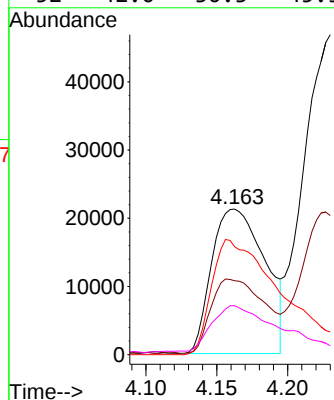
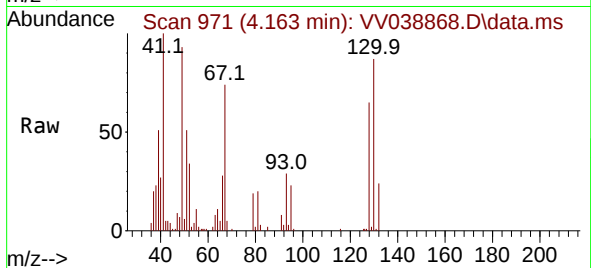




#41
Methacrylonitrile
Concen: 20.493 ug/l
RT: 4.163 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

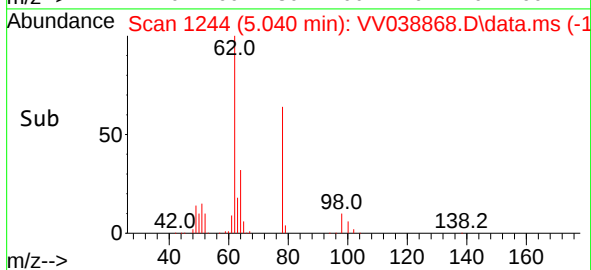
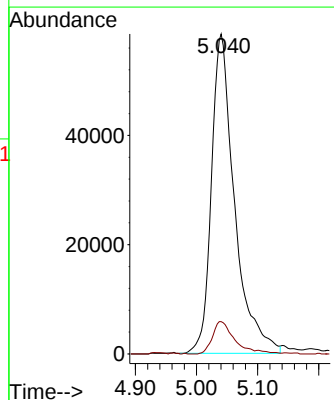
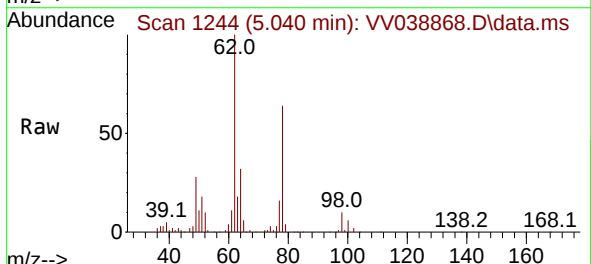
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

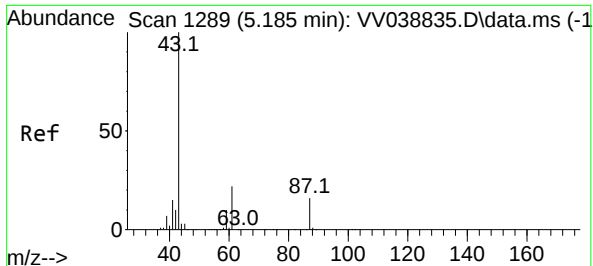
Tgt Ion:	41	Resp:	55459
Ion	Ratio	Lower	Upper
41	100		
39	51.7	43.8	65.8
67	110.9	78.8	118.2
52	42.0	30.3	45.5



#42
1,2-Dichloroethane
Concen: 21.253 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

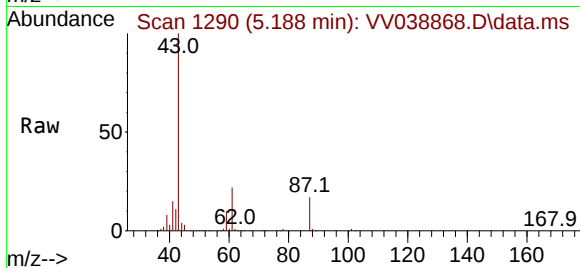
Tgt Ion:	62	Resp:	153457
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



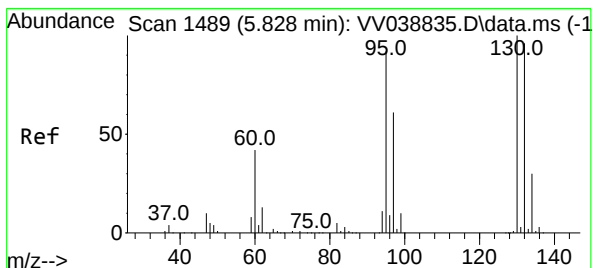
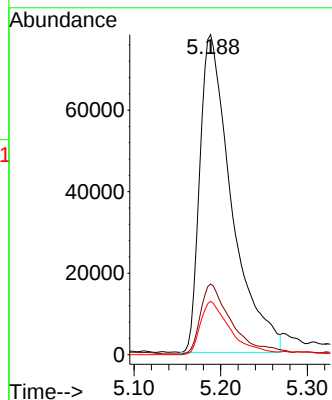
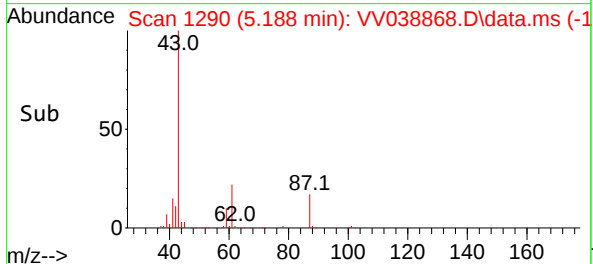


#43
Isopropyl Acetate
Concen: 19.787 ug/l
RT: 5.188 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

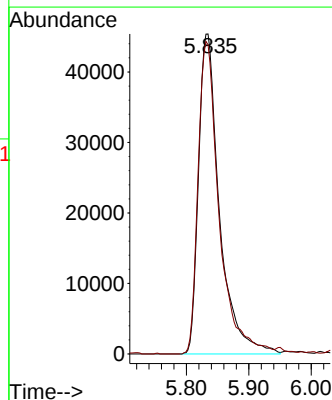
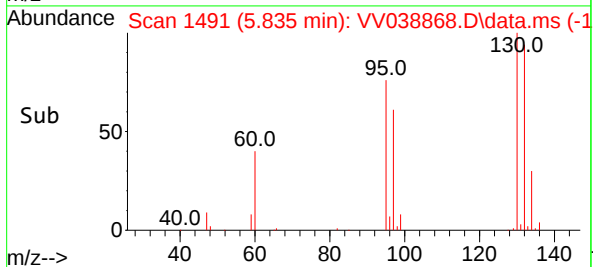
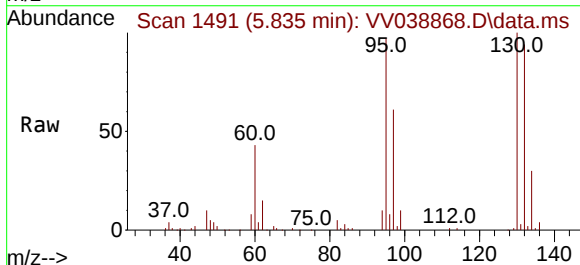


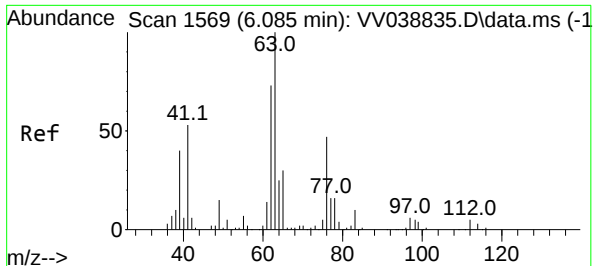
Tgt Ion: 43 Resp: 198945
Ion Ratio Lower Upper
43 100
61 21.6 17.0 25.6
87 15.8 13.0 19.6



#44
Trichloroethene
Concen: 19.880 ug/l
RT: 5.835 min Scan# 1491
Delta R.T. 0.007 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion:130 Resp: 105810
Ion Ratio Lower Upper
130 100
95 96.7 0.0 184.4





#45

1,2-Dichloropropane

Concen: 21.494 ug/l

RT: 6.088 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

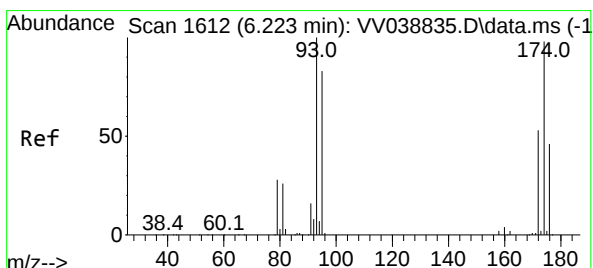
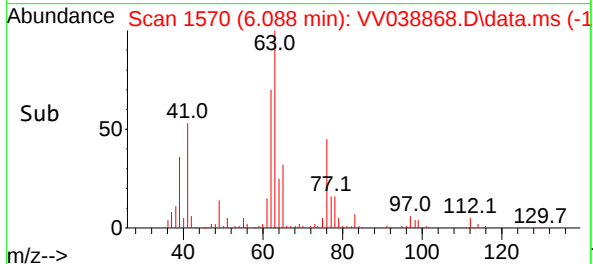
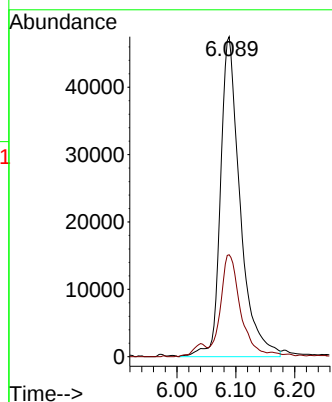
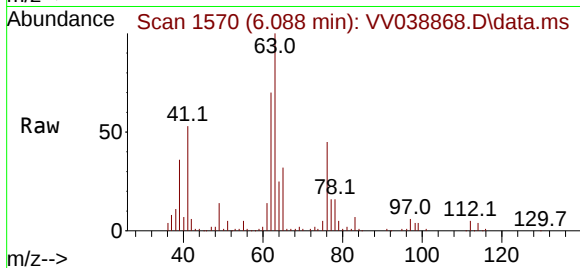
VV0707WBS01

Tgt Ion: 63 Resp: 110093

Ion Ratio Lower Upper

63 100

65 31.6 24.3 36.5



#46

Dibromomethane

Concen: 20.713 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

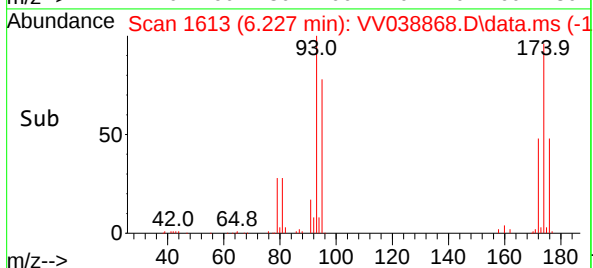
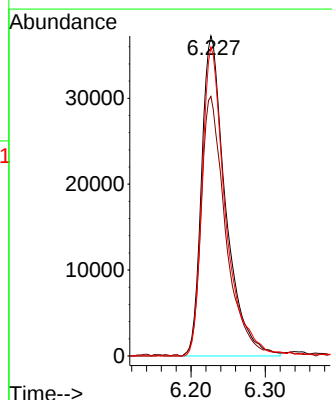
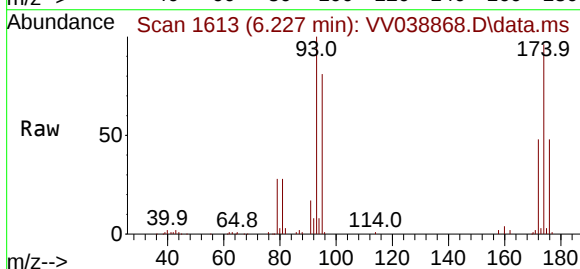
Tgt Ion: 93 Resp: 83663

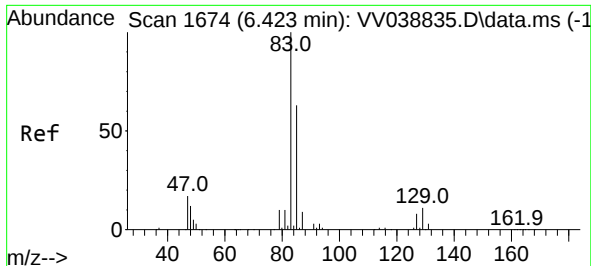
Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

174 94.2 78.7 118.1

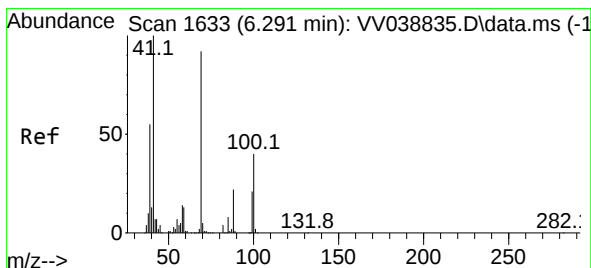
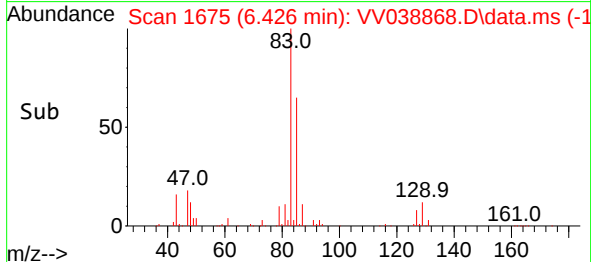
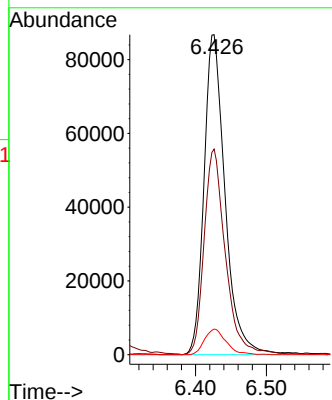
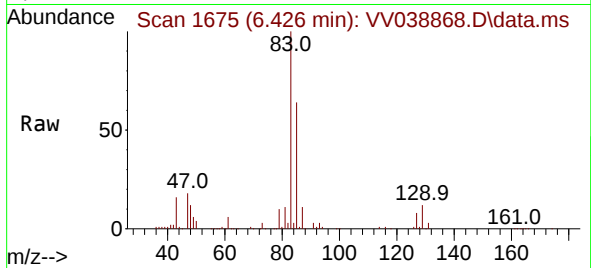




#47
Bromodichloromethane
Concen: 20.845 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

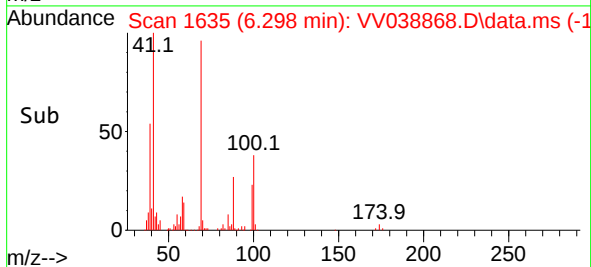
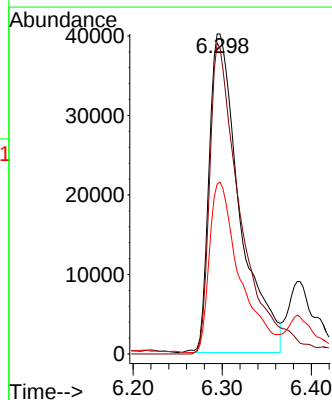
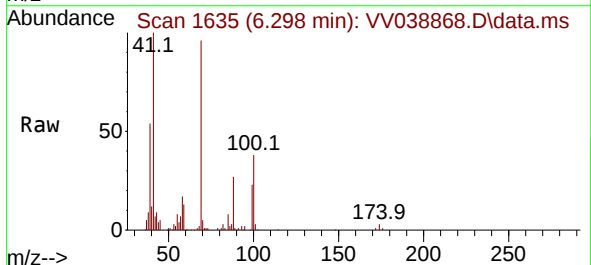
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

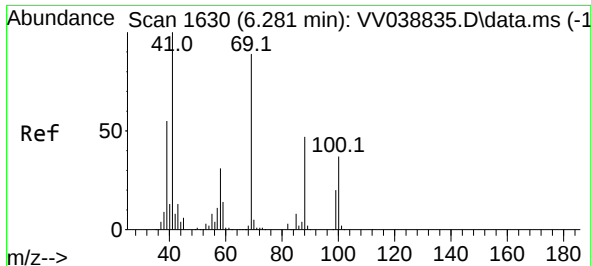
Tgt Ion: 83 Resp: 178284
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 19.970 ug/l
RT: 6.298 min Scan# 1635
Delta R.T. 0.006 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 41 Resp: 95470
Ion Ratio Lower Upper
41 100
69 99.2 77.4 116.2
39 53.3 44.2 66.4





#49

1,4-Dioxane

Concen: 509.206 ug/l

RT: 6.285 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBS01

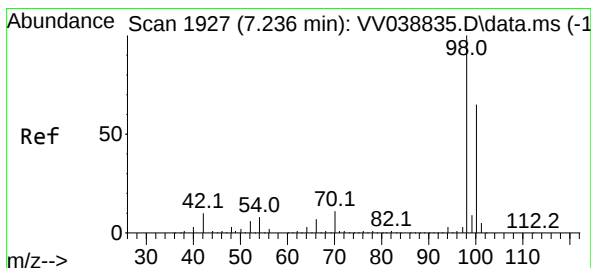
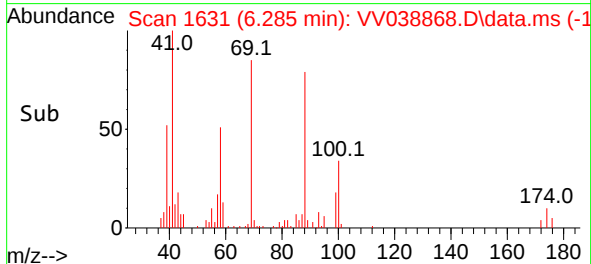
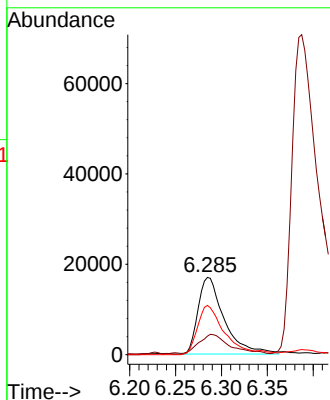
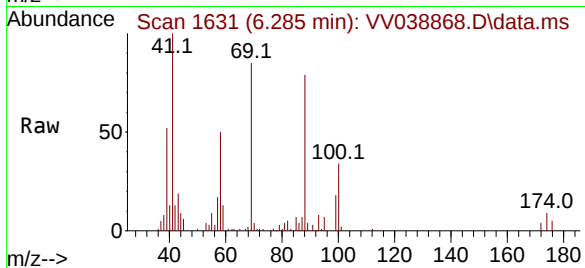
Tgt Ion: 88 Resp: 33743

Ion Ratio Lower Upper

88 100

43 28.3 25.2 37.8

58 66.5 52.1 78.1



#50

Toluene-d8

Concen: 49.256 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038868.D

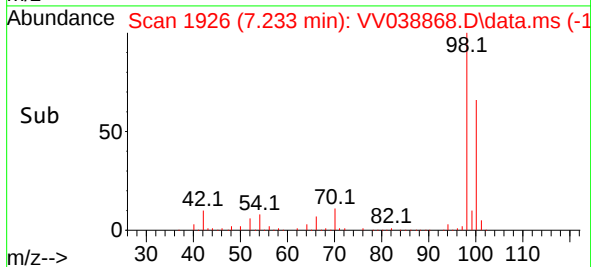
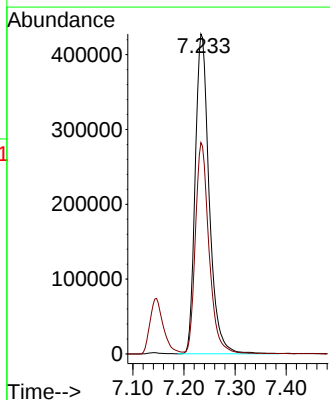
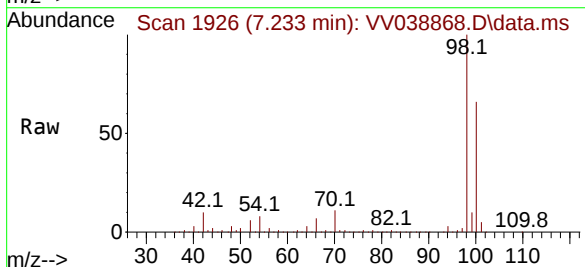
Acq: 07 Jul 2025 13:31

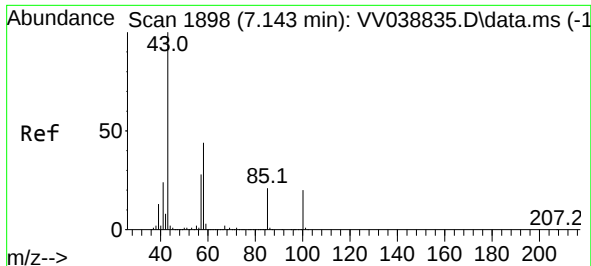
Tgt Ion: 98 Resp: 811123

Ion Ratio Lower Upper

98 100

100 64.2 53.0 79.4

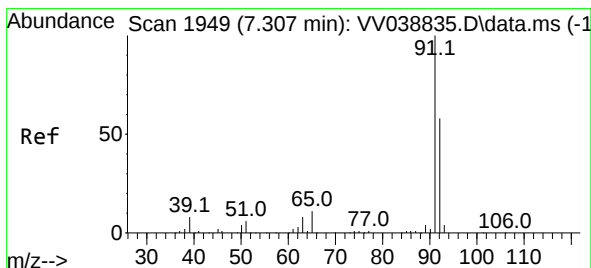
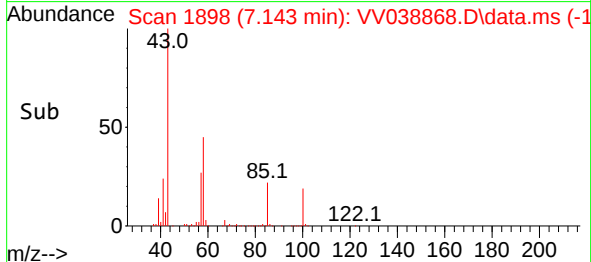
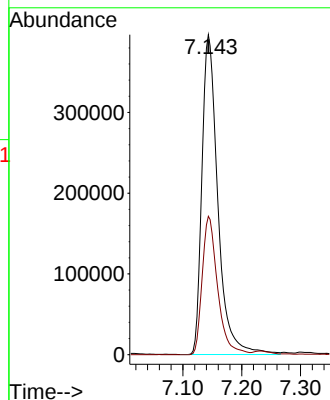
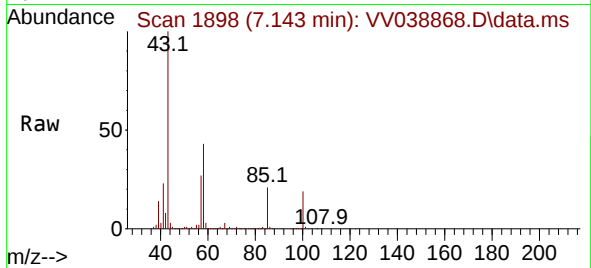




#51
4-Methyl-2-Pentanone
Concen: 117.324 ug/l
RT: 7.143 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

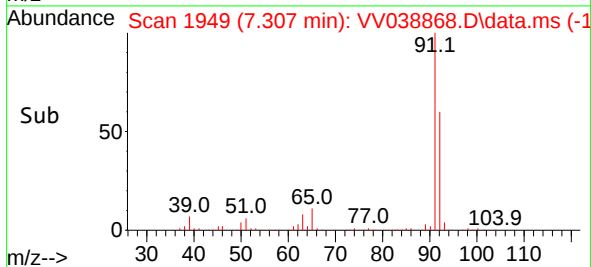
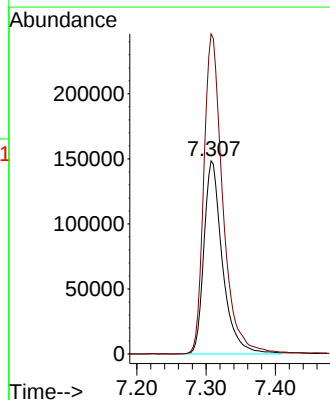
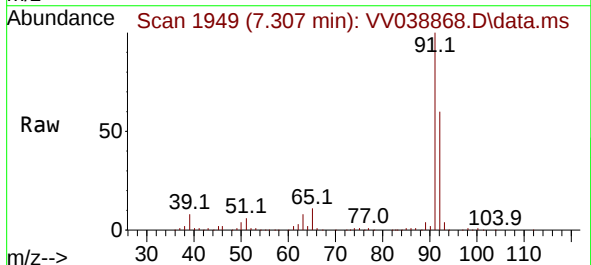
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

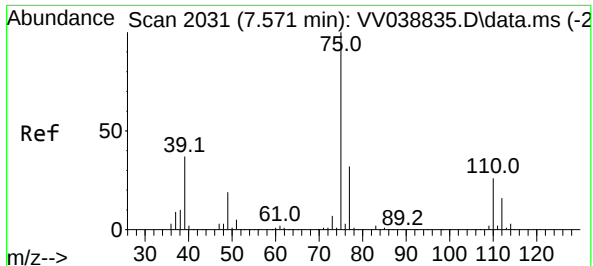
Tgt Ion: 43 Resp: 744368
Ion Ratio Lower Upper
43 100
58 41.8 34.4 51.6



#52
Toluene
Concen: 21.659 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 92 Resp: 275976
Ion Ratio Lower Upper
92 100
91 169.6 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 20.643 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

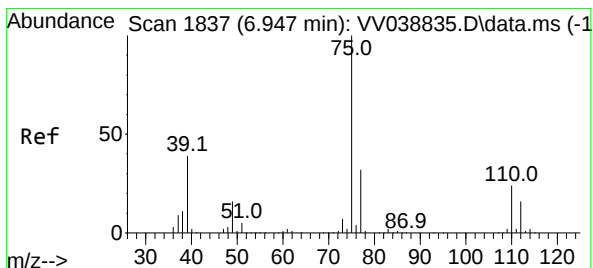
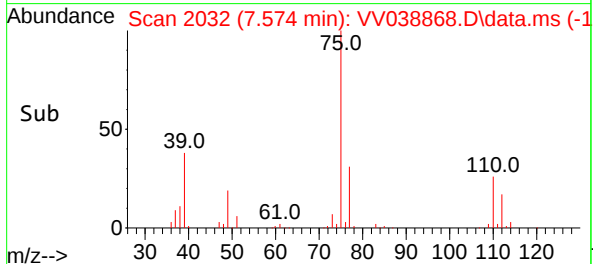
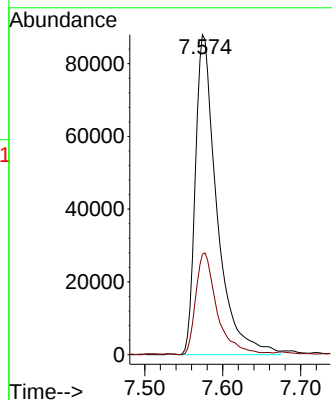
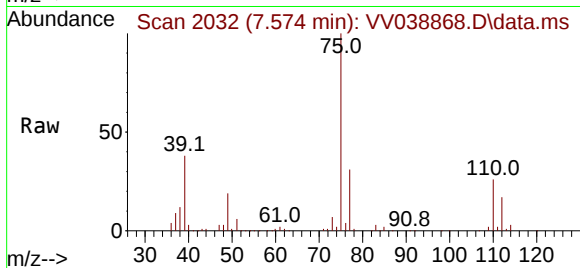
VV0707WBS01

Tgt Ion: 75 Resp: 169023

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.439 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

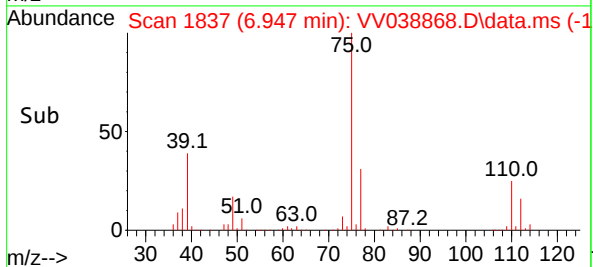
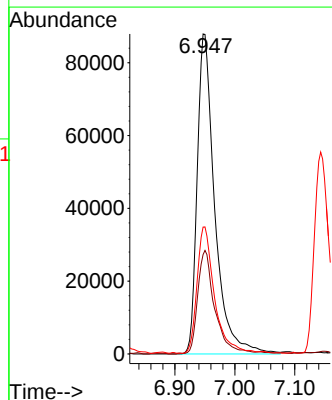
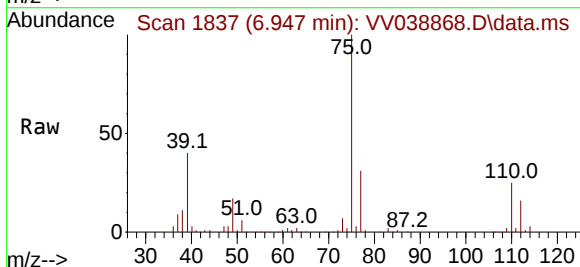
Tgt Ion: 75 Resp: 179487

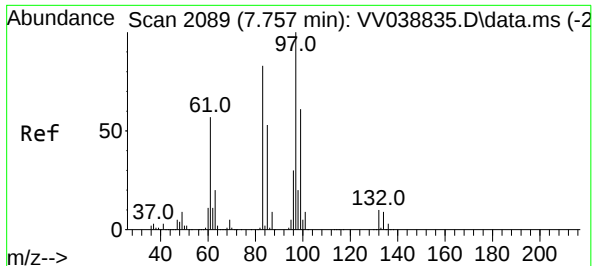
Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.8

39 39.4 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 22.073 ug/l

RT: 7.760 min Scan# 2089

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBS01

Tgt Ion: 97 Resp: 122991

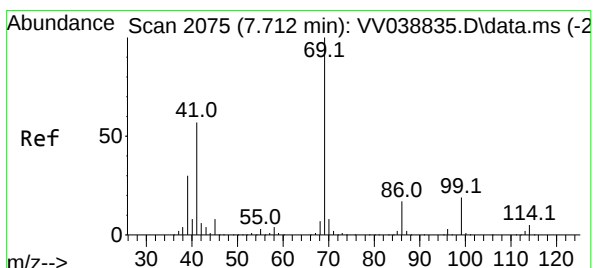
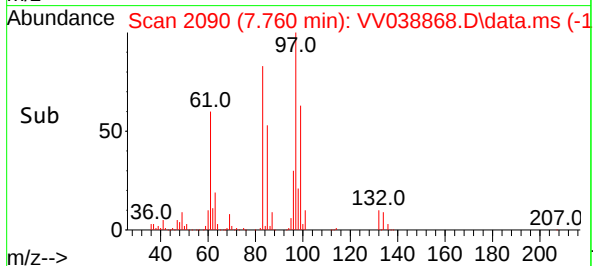
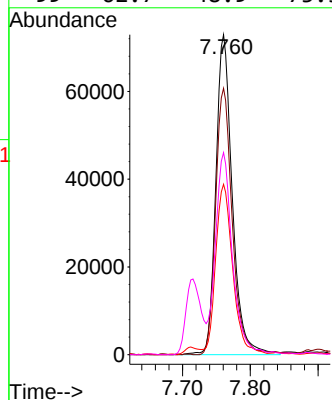
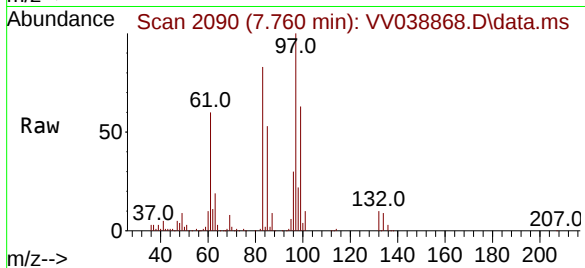
Ion Ratio Lower Upper

97 100

83 83.1 66.2 99.4

85 53.0 42.2 63.4

99 62.7 48.9 73.3



#56

Ethyl methacrylate

Concen: 21.326 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

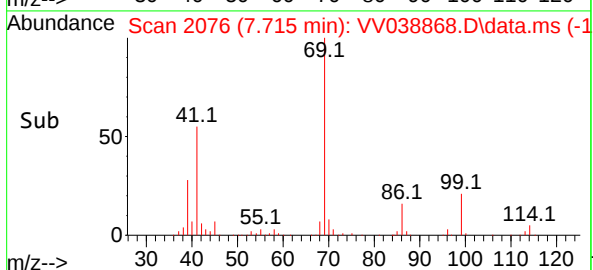
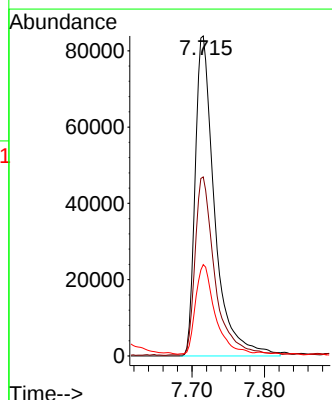
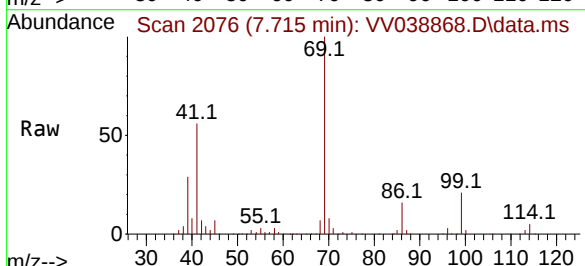
Tgt Ion: 69 Resp: 156327

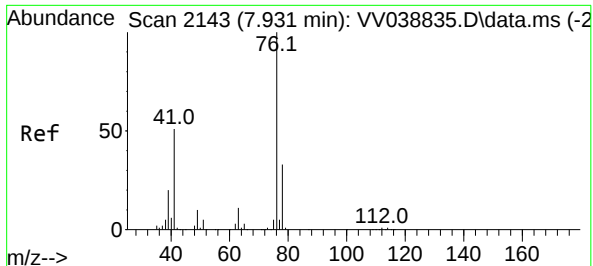
Ion Ratio Lower Upper

69 100

41 56.4 46.1 69.1

39 27.7 24.1 36.1





#57

1,3-Dichloropropane

Concen: 21.604 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

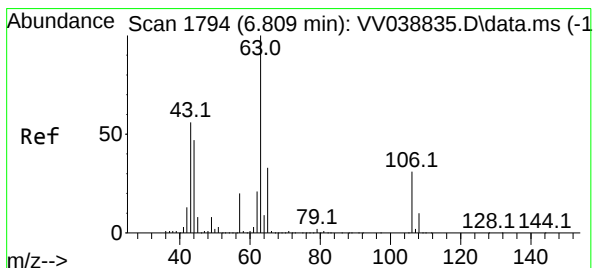
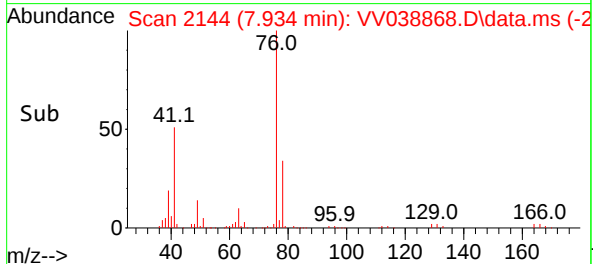
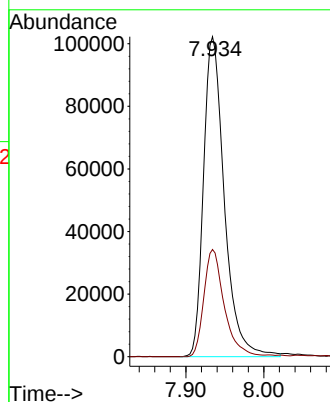
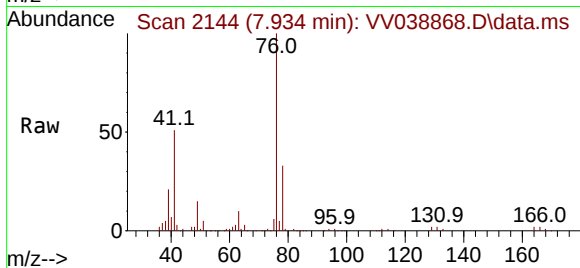
VV0707WBS01

Tgt Ion: 76 Resp: 189631

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.856 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VV038868.D

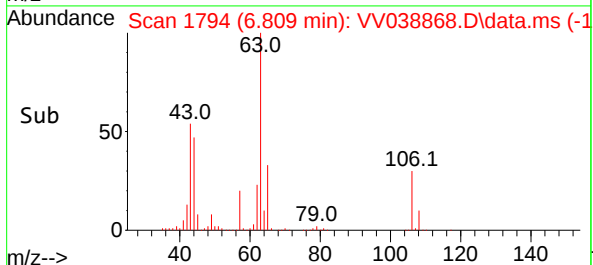
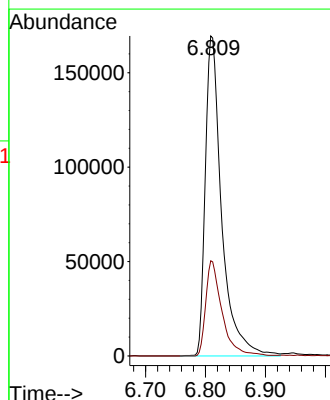
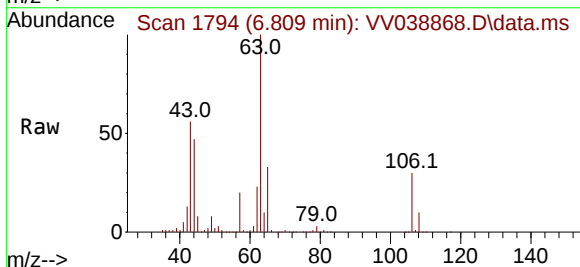
Acq: 07 Jul 2025 13:31

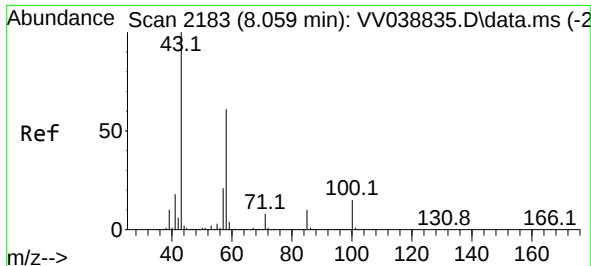
Tgt Ion: 63 Resp: 322383

Ion Ratio Lower Upper

63 100

106 29.5 24.6 37.0

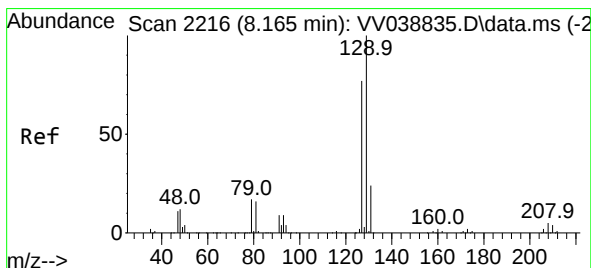
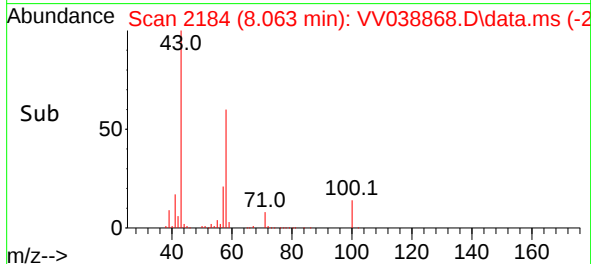
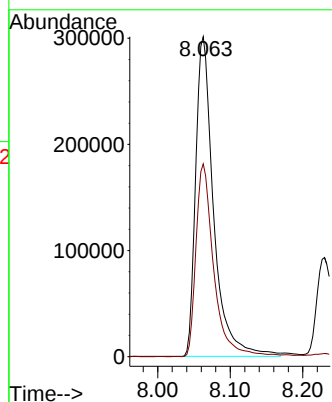
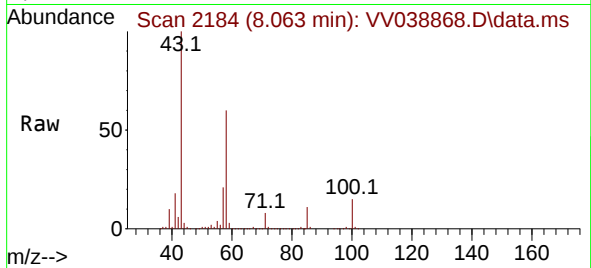




#59
2-Hexanone
Concen: 116.006 ug/l
RT: 8.063 min Scan# 2183
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

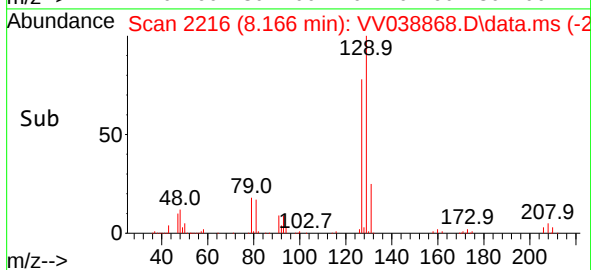
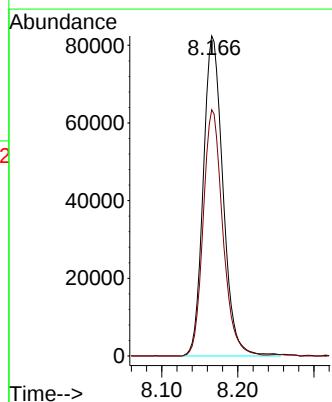
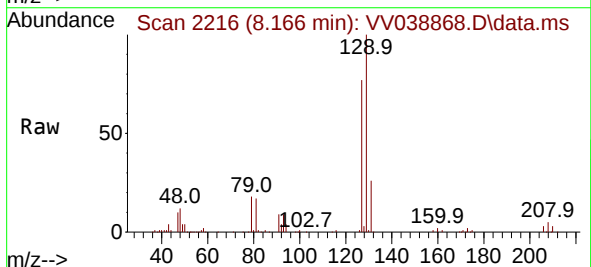
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

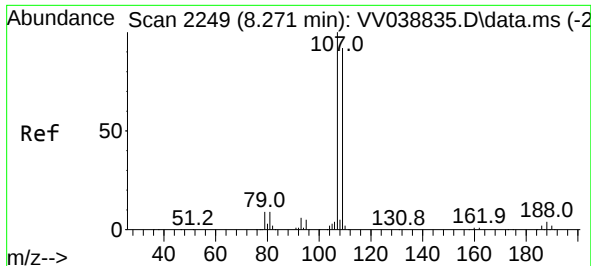
Tgt Ion: 43 Resp: 519126
Ion Ratio Lower Upper
43 100
58 59.8 30.3 91.0



#60
Dibromochloromethane
Concen: 21.150 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 129 Resp: 148382
Ion Ratio Lower Upper
129 100
127 76.6 38.2 114.6

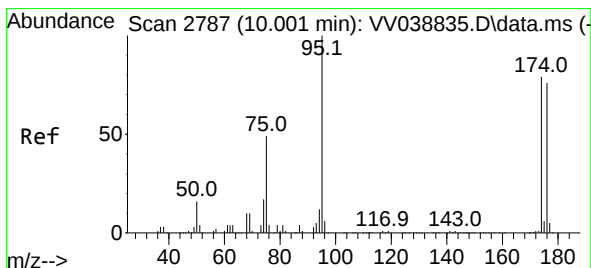
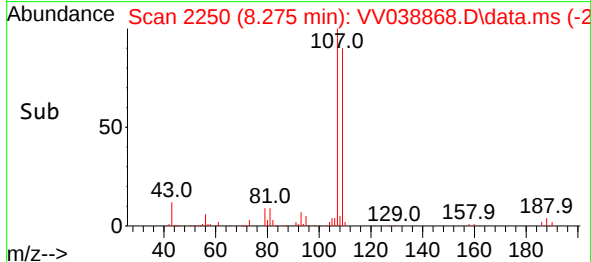
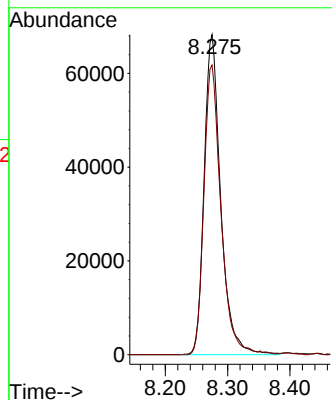
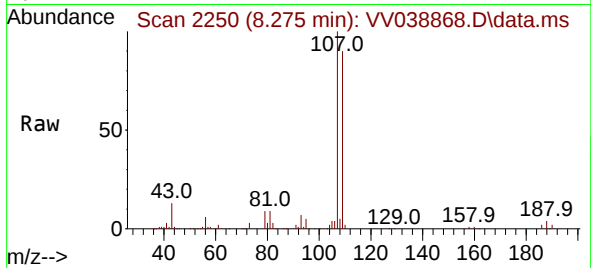




#61
1,2-Dibromoethane
Concen: 21.869 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

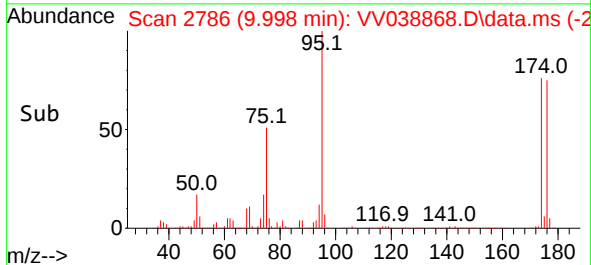
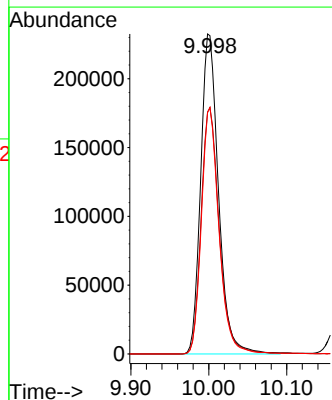
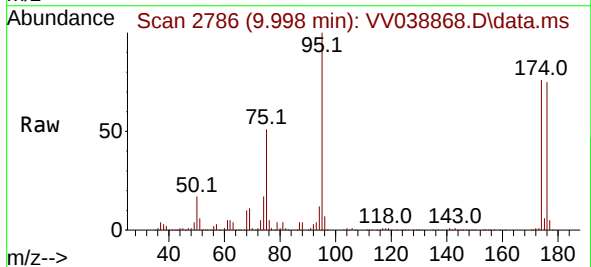
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

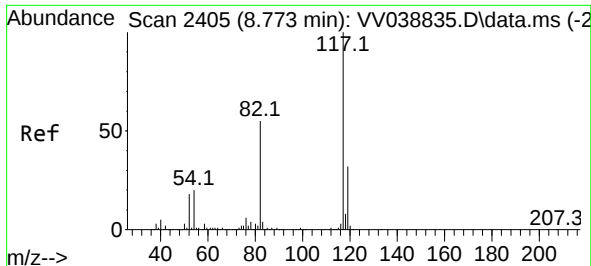
Tgt Ion:107 Resp: 126066
Ion Ratio Lower Upper
107 100
109 92.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 55.491 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 95 Resp: 369190
Ion Ratio Lower Upper
95 100
174 78.3 0.0 158.2
176 75.8 0.0 154.4

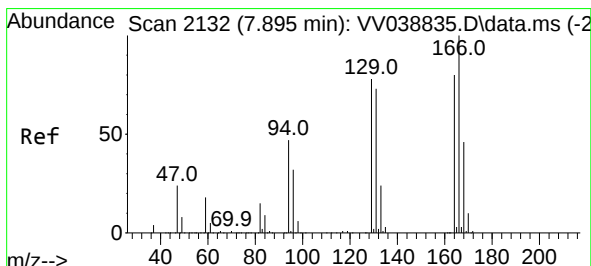
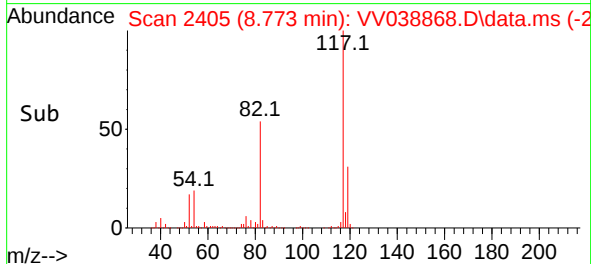
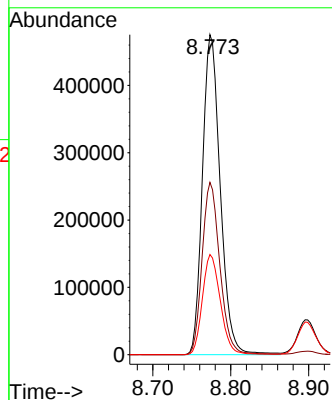
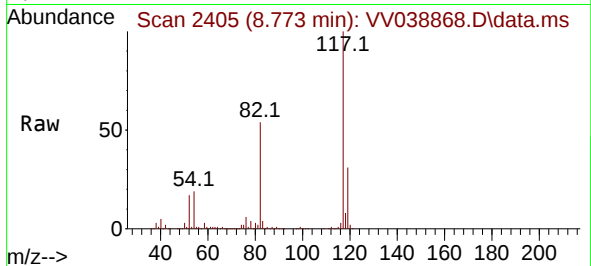




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

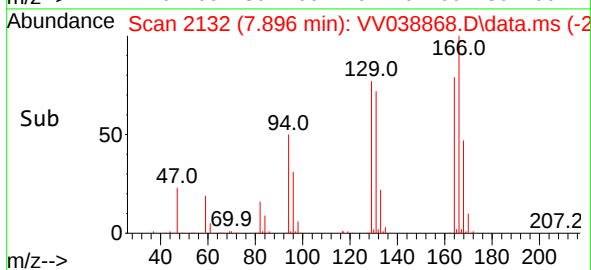
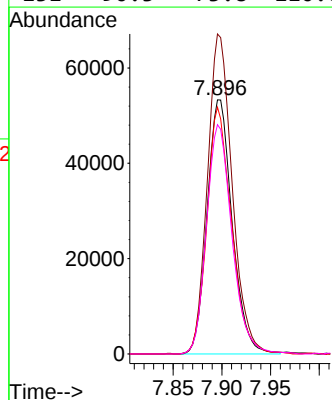
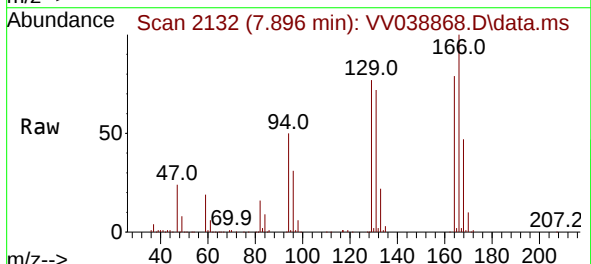
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

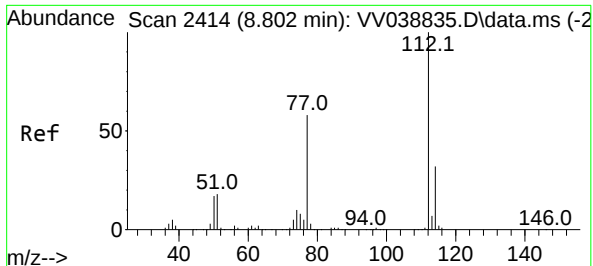
Tgt Ion:117 Resp: 756371
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.4
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 19.652 ug/l
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion:164 Resp: 95585
Ion Ratio Lower Upper
164 100
166 125.9 100.6 151.0
129 97.1 78.4 117.6
131 90.3 73.8 110.6

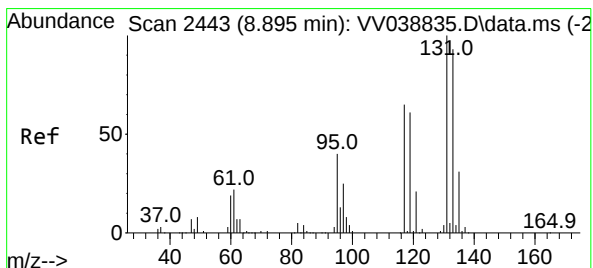
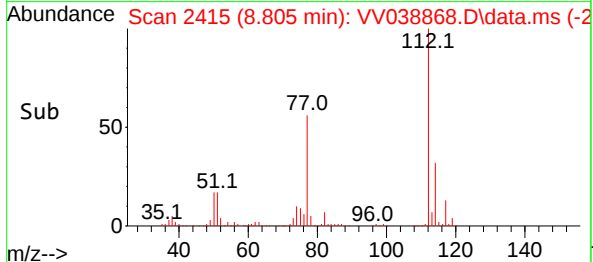
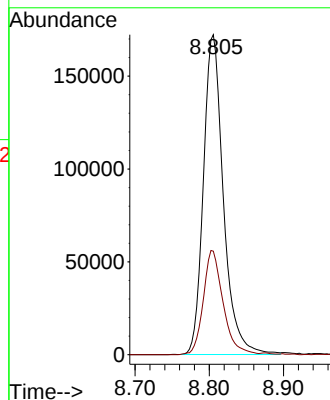
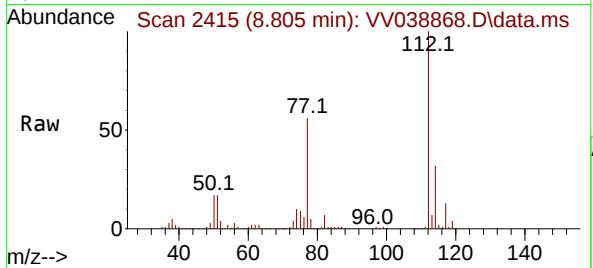




#65
Chlorobenzene
Concen: 20.209 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

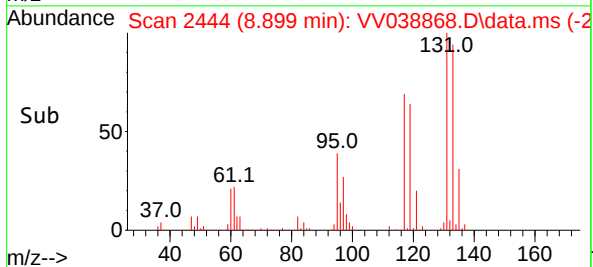
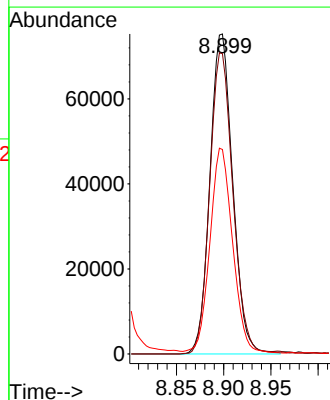
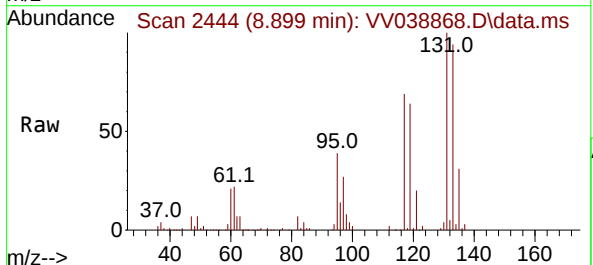
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

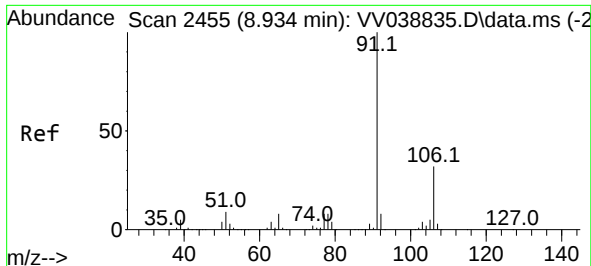
Tgt Ion:112 Resp: 322130
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.204 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion:131 Resp: 126212
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 63.9 31.0 93.0





#67

Ethyl Benzene

Concen: 20.302 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

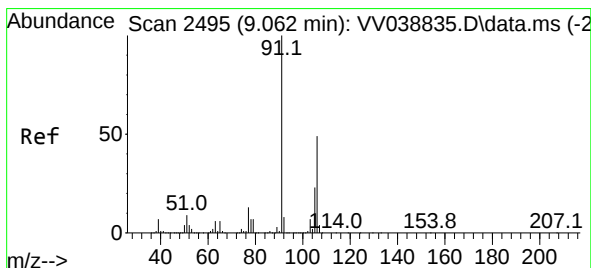
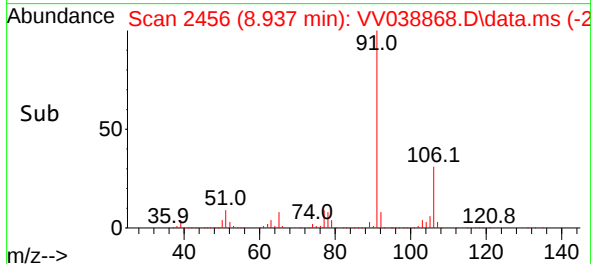
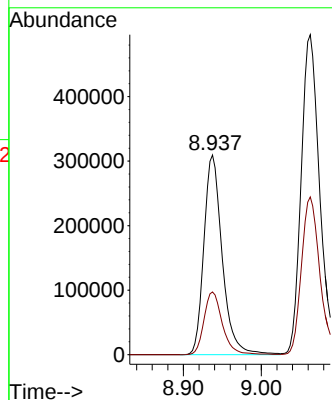
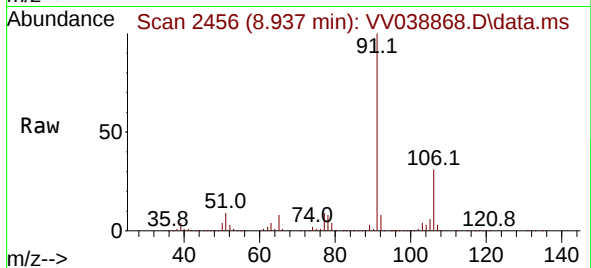
VV0707WBS01

Tgt Ion: 91 Resp: 507013

Ion Ratio Lower Upper

91 100

106 31.4 25.2 37.8



#68

m/p-Xylenes

Concen: 42.672 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038868.D

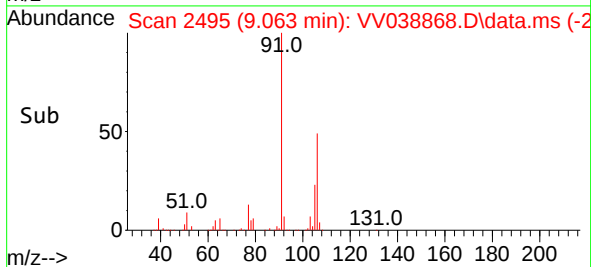
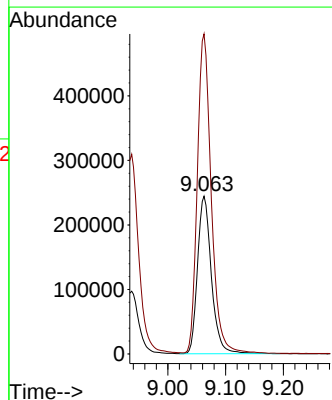
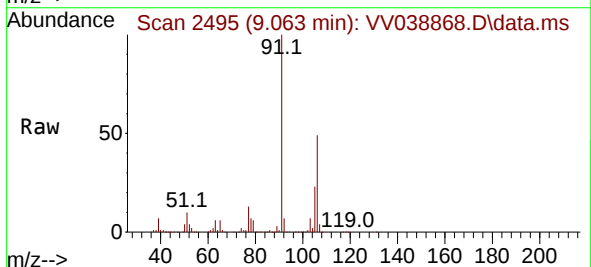
Acq: 07 Jul 2025 13:31

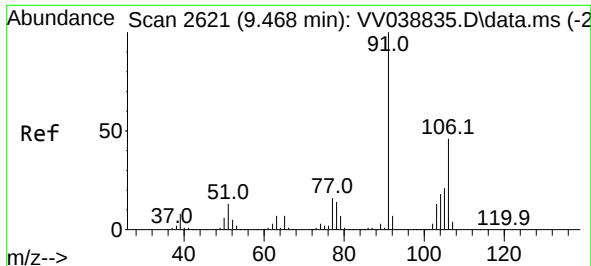
Tgt Ion: 106 Resp: 408182

Ion Ratio Lower Upper

106 100

91 203.1 162.9 244.3

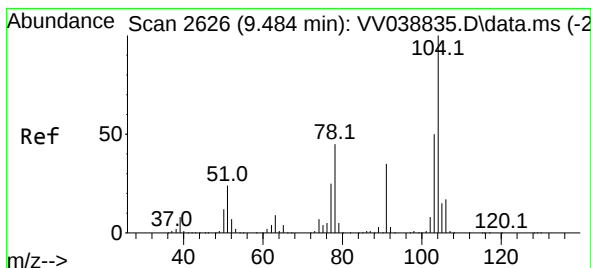
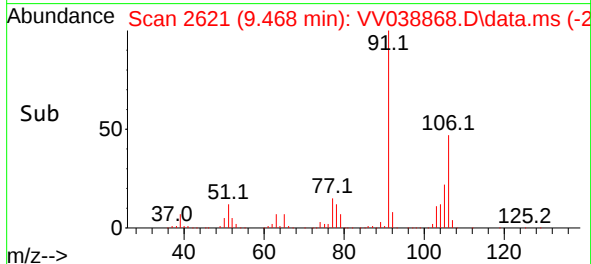
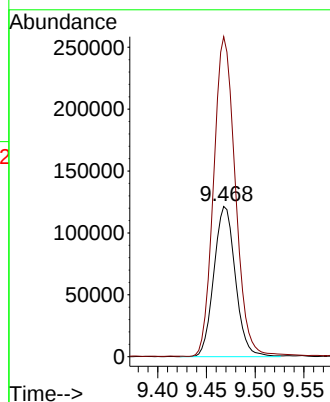
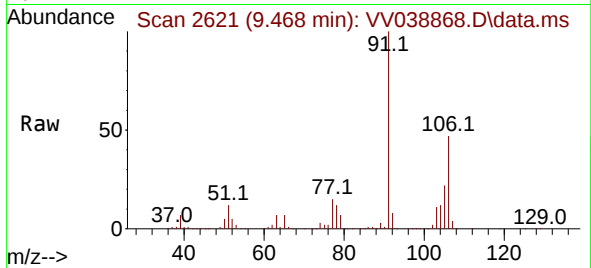




#69
o-Xylene
Concen: 20.406 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

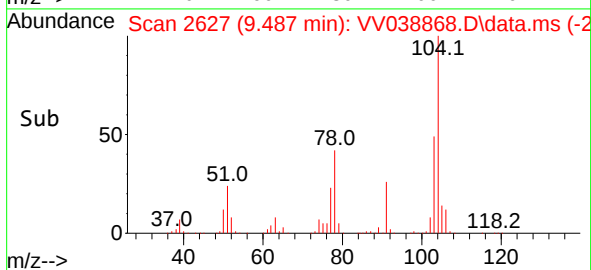
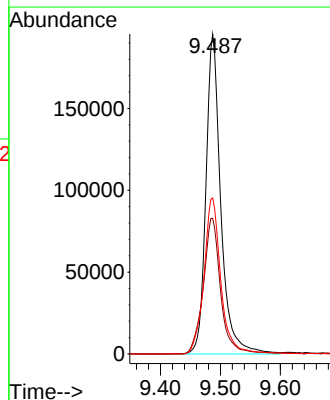
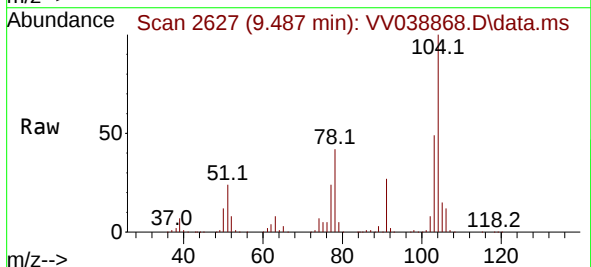
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

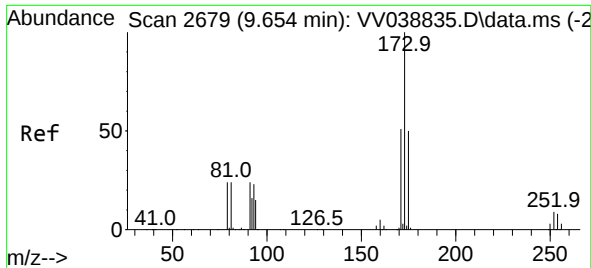
Tgt Ion:106 Resp: 186496
Ion Ratio Lower Upper
106 100
91 215.6 107.6 322.8



#70
Styrene
Concen: 21.217 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion:104 Resp: 338543
Ion Ratio Lower Upper
104 100
78 48.9 39.9 59.9
103 55.2 43.4 65.0

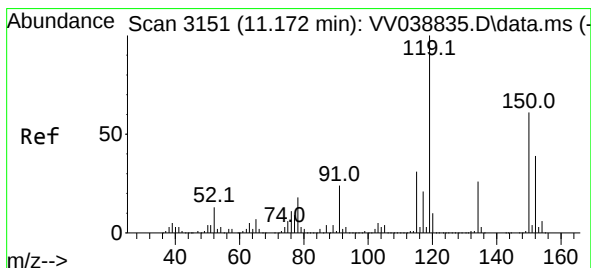
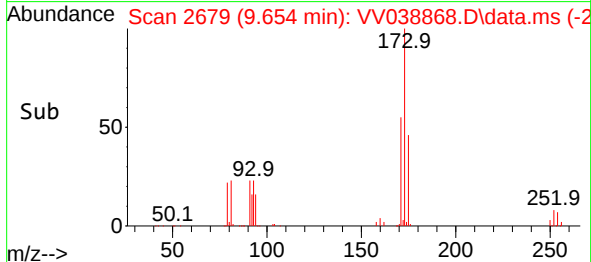
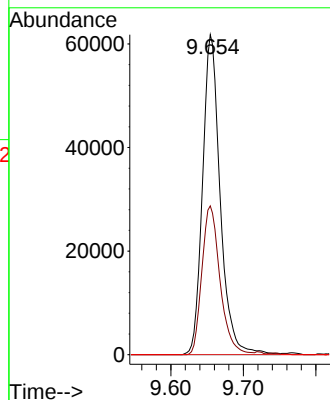
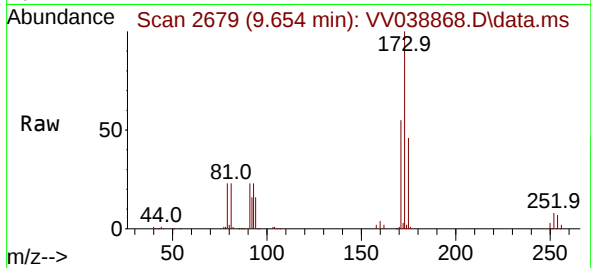




#71
Bromoform
Concen: 21.597 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

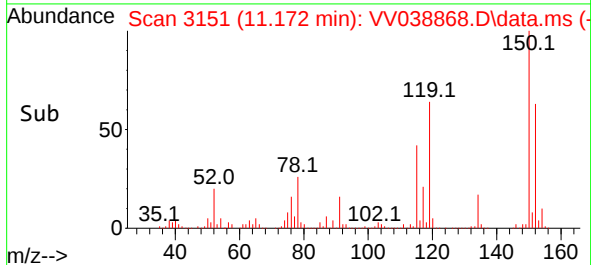
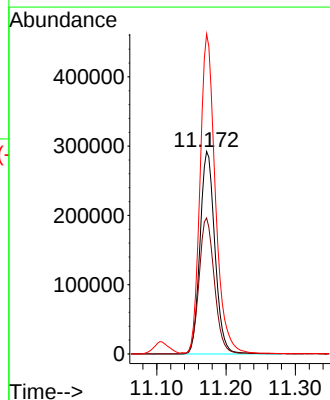
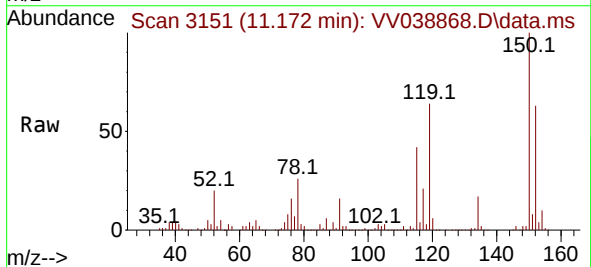
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

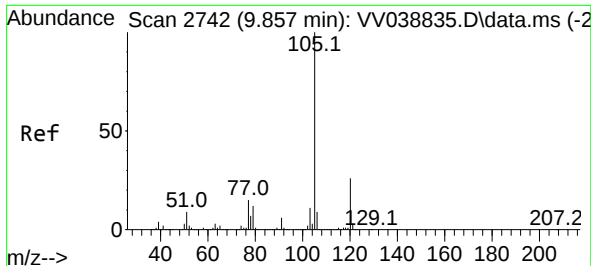
Tgt Ion:173 Resp: 104464
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion:152 Resp: 436411
Ion Ratio Lower Upper
152 100
115 69.3 42.0 126.0
150 161.5 0.0 343.6

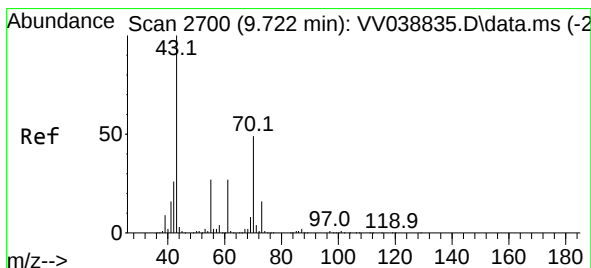
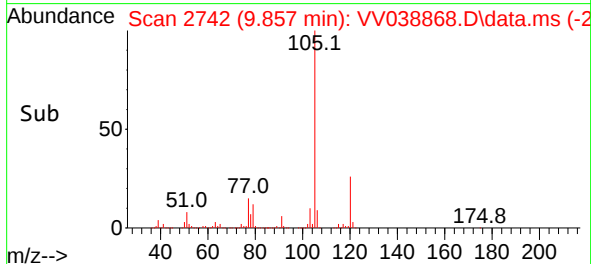
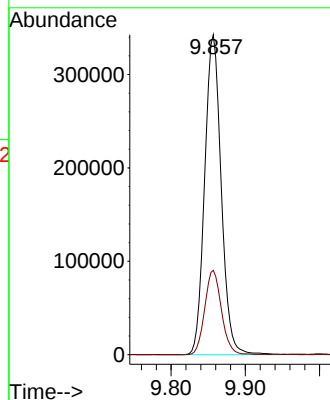
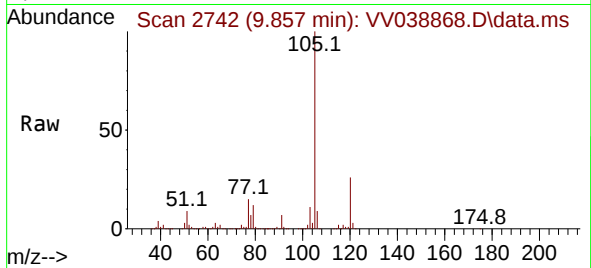




#73
Isopropylbenzene
Concen: 20.668 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

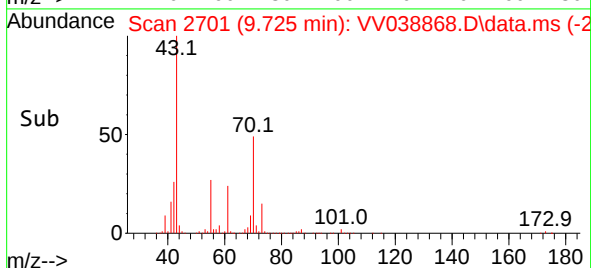
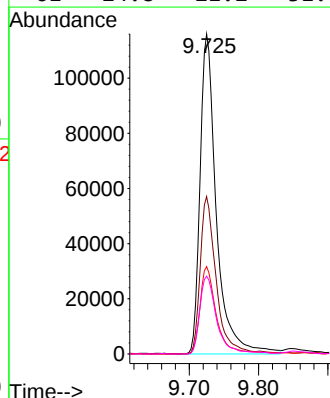
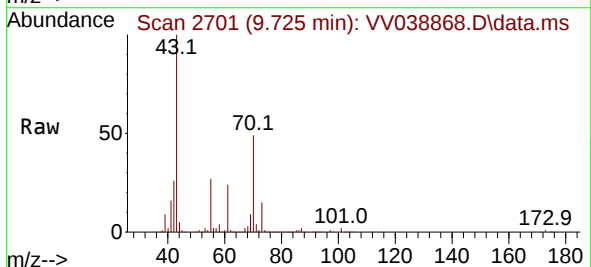
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

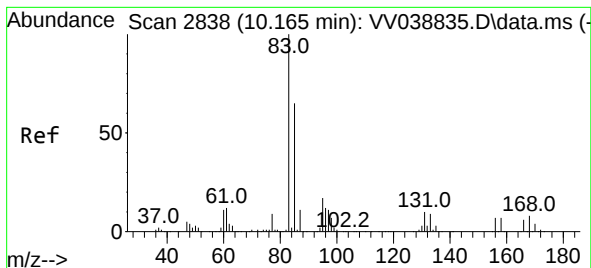
Tgt Ion:105 Resp: 529345
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 21.194 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 43 Resp: 189998
Ion Ratio Lower Upper
43 100
70 47.7 39.7 59.5
55 27.8 22.1 33.1
61 24.8 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.610 ug/l

RT: 10.166 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBS01

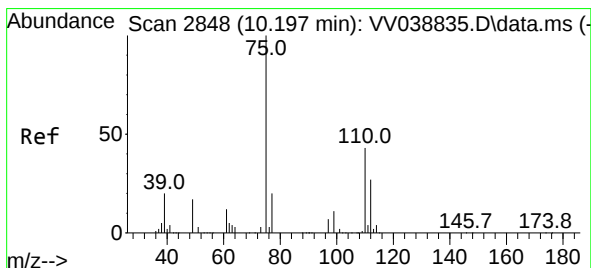
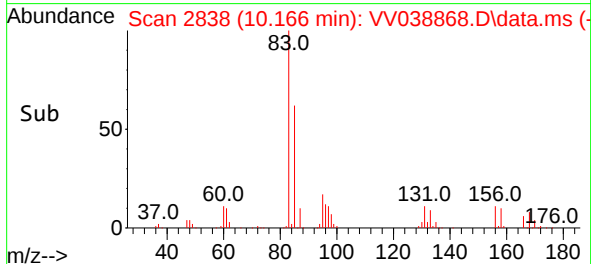
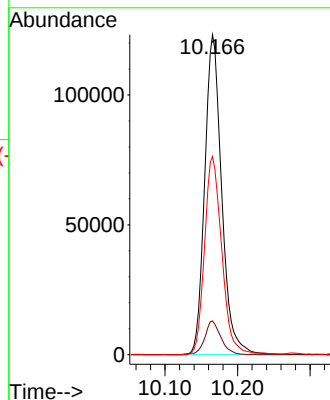
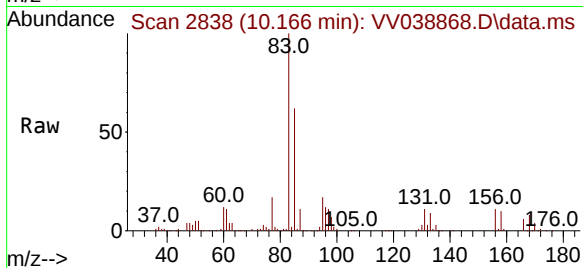
Tgt Ion: 83 Resp: 200653

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 63.1 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 21.155 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038868.D

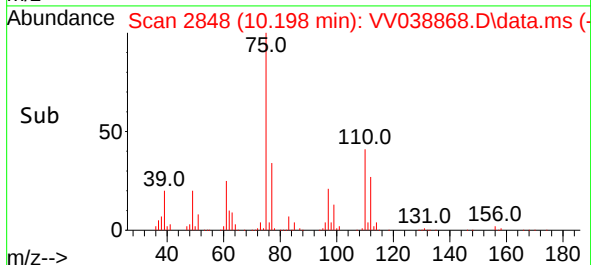
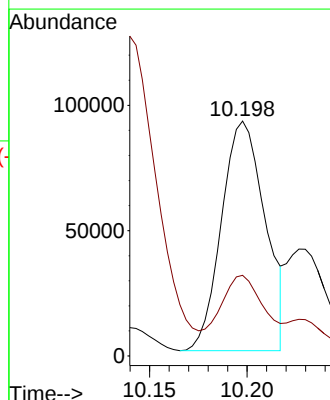
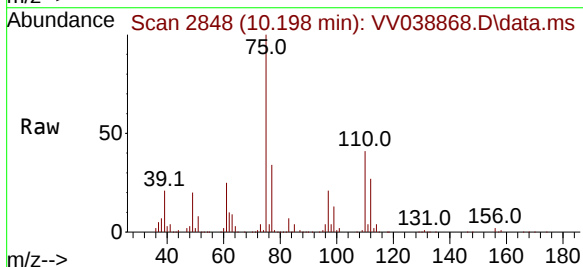
Acq: 07 Jul 2025 13:31

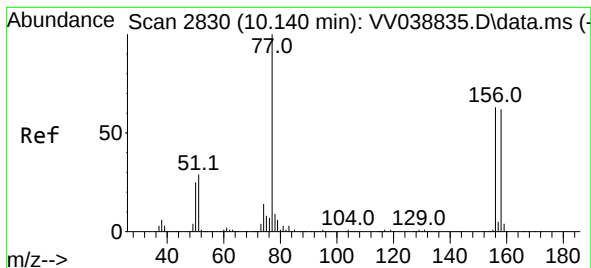
Tgt Ion: 75 Resp: 142841

Ion Ratio Lower Upper

75 100

77 21.1 11.7 35.1





#77

Bromobenzene

Concen: 21.244 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBS01

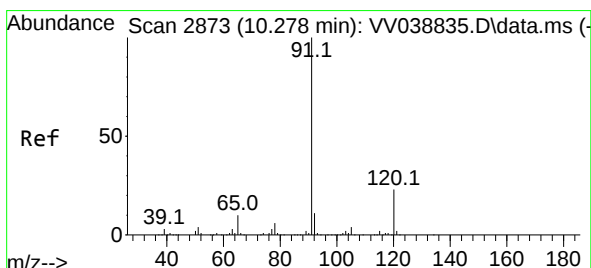
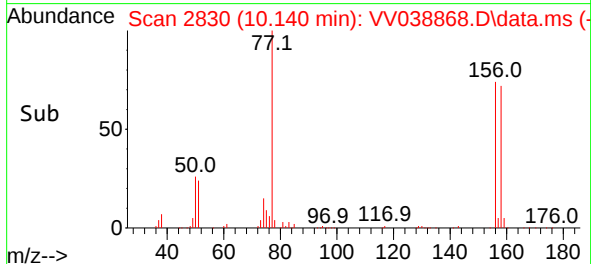
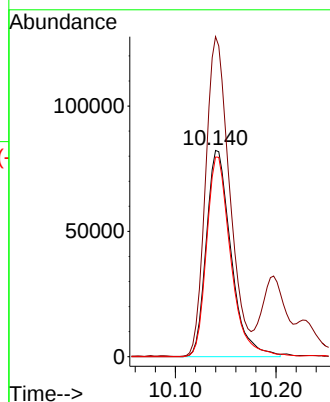
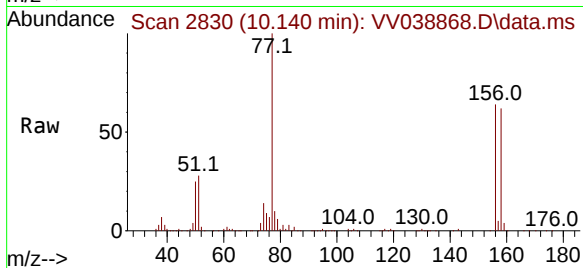
Tgt Ion:156 Resp: 140364

Ion Ratio Lower Upper

156 100

77 150.7 77.0 230.8

158 95.0 48.8 146.3



#78

n-propylbenzene

Concen: 20.861 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038868.D

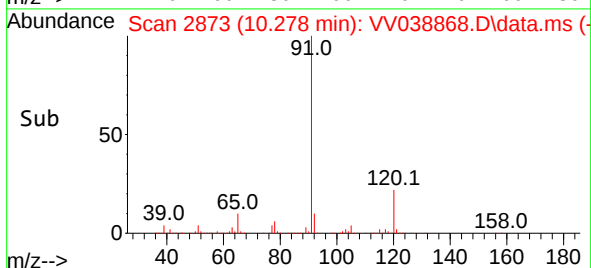
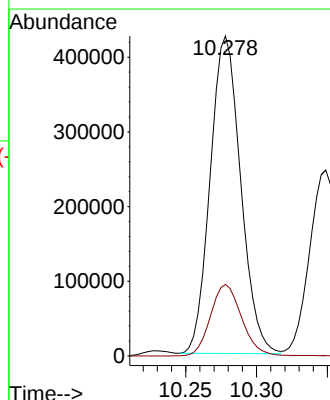
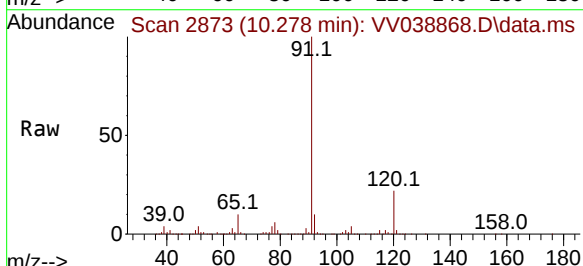
Acq: 07 Jul 2025 13:31

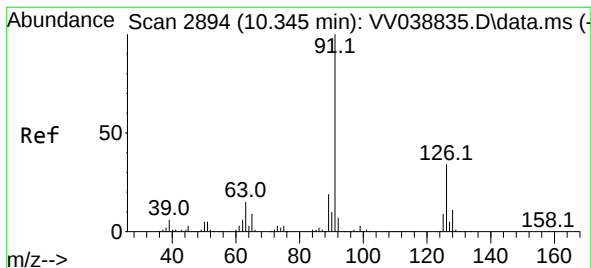
Tgt Ion: 91 Resp: 635830

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.0





#79

2-Chlorotoluene

Concen: 21.114 ug/l

RT: 10.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

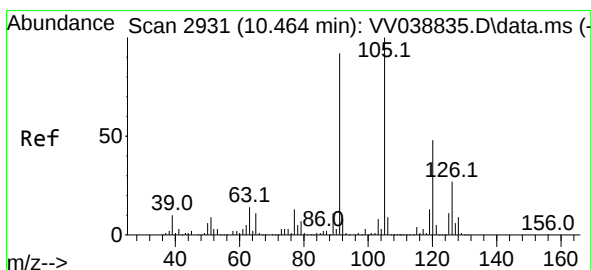
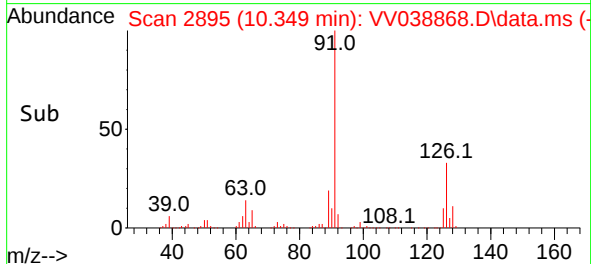
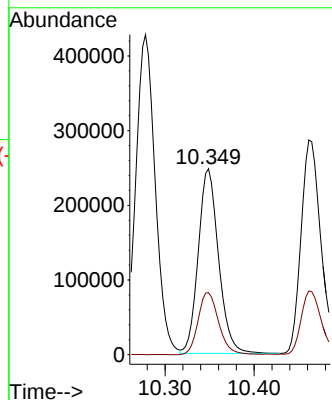
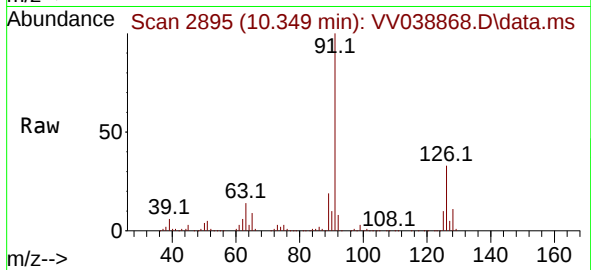
VV0707WBS01

Tgt Ion: 91 Resp: 390839

Ion Ratio Lower Upper

91 100

126 34.2 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 21.139 ug/l

RT: 10.465 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV038868.D

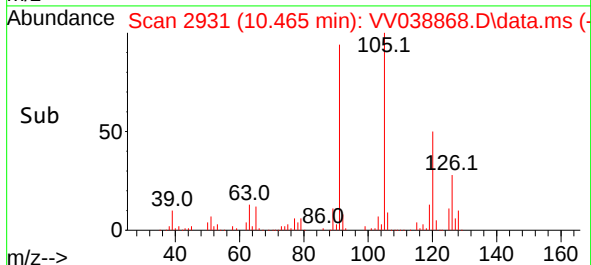
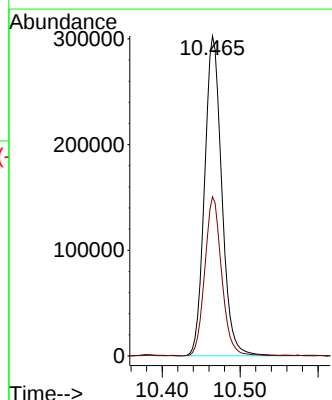
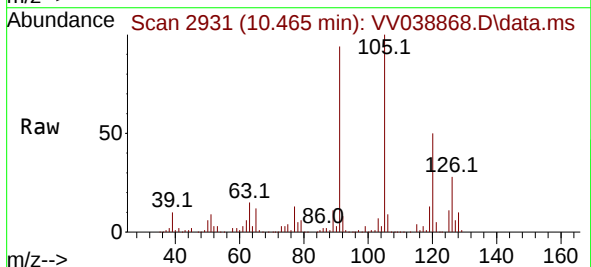
Acq: 07 Jul 2025 13:31

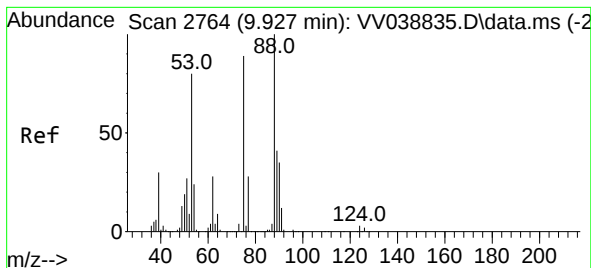
Tgt Ion:105 Resp: 462920

Ion Ratio Lower Upper

105 100

120 49.0 23.9 71.7

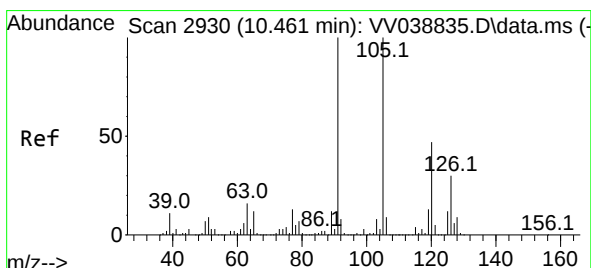
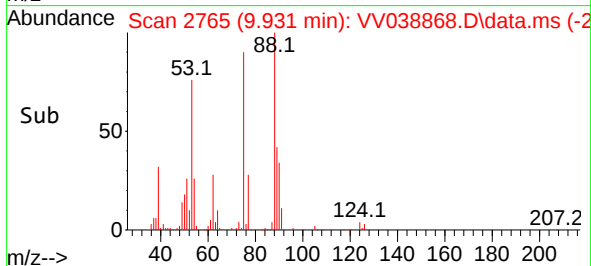
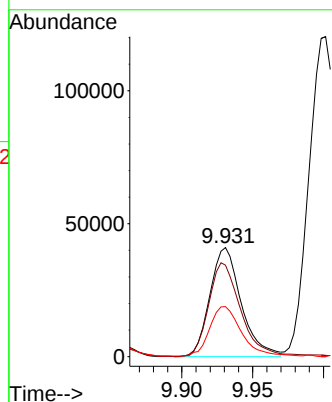
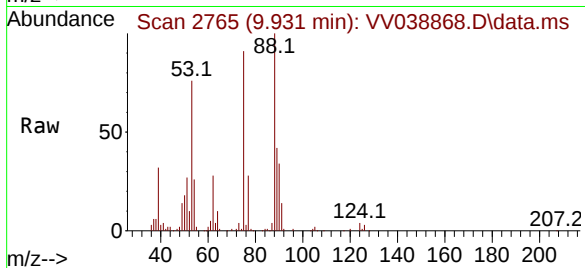




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.933 ug/l
 RT: 9.931 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038868.D
 Acq: 07 Jul 2025 13:31

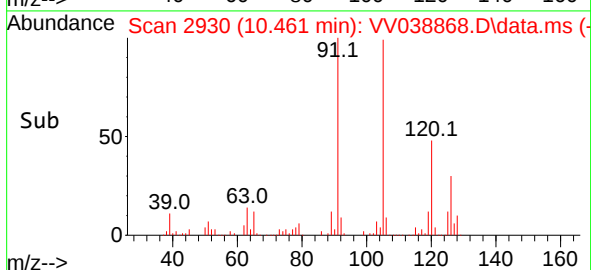
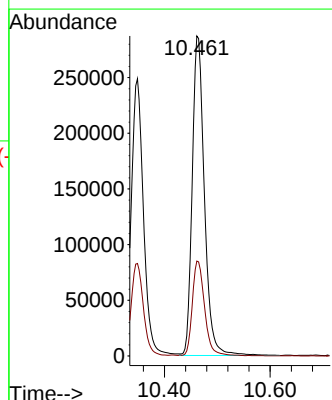
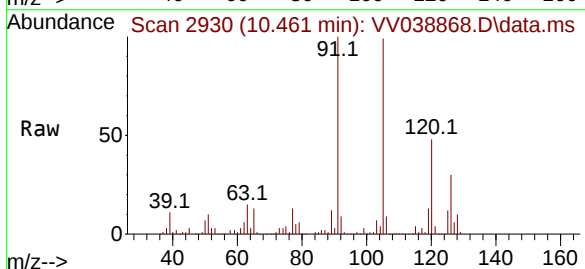
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBS01

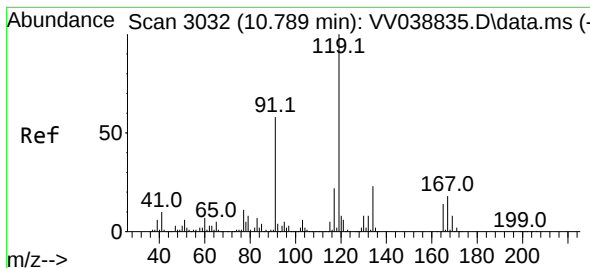
Tgt Ion: 75 Resp: 63231
 Ion Ratio Lower Upper
 75 100
 53 90.1 71.2 106.8
 89 45.7 44.6 66.8



#82
 4-Chlorotoluene
 Concen: 21.528 ug/l
 RT: 10.461 min Scan# 2930
 Delta R.T. 0.000 min
 Lab File: VV038868.D
 Acq: 07 Jul 2025 13:31

Tgt Ion: 91 Resp: 459388
 Ion Ratio Lower Upper
 91 100
 126 29.6 14.8 44.3





#83

tert-Butylbenzene

Concen: 20.353 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBS01

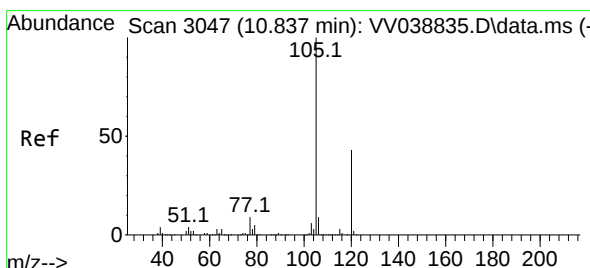
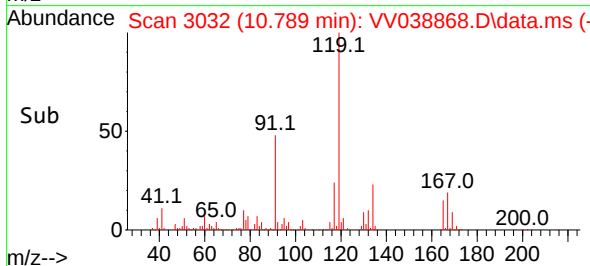
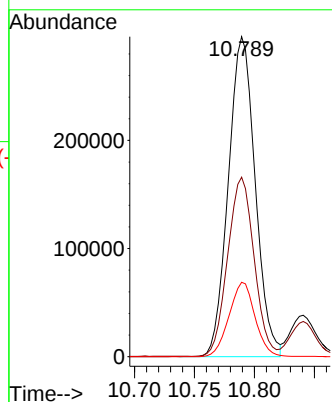
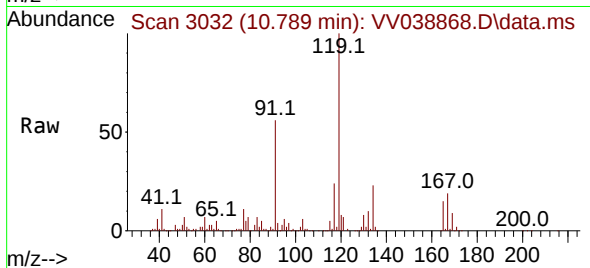
Tgt Ion:119 Resp: 462271

Ion Ratio Lower Upper

119 100

91 54.9 28.5 85.5

134 22.6 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 21.443 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038868.D

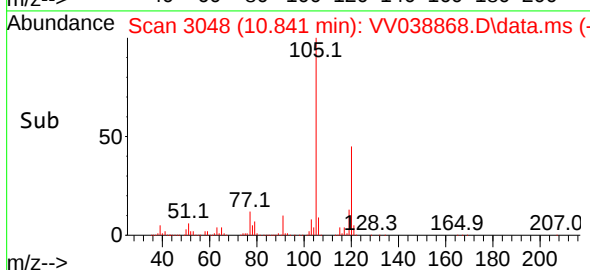
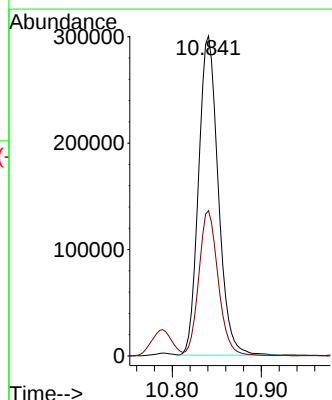
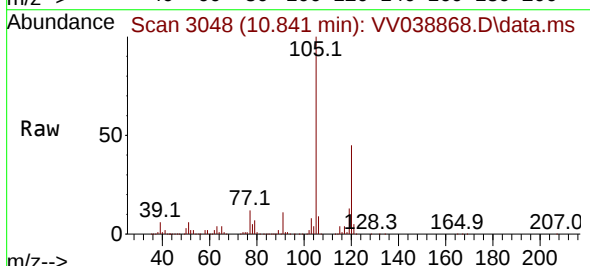
Acq: 07 Jul 2025 13:31

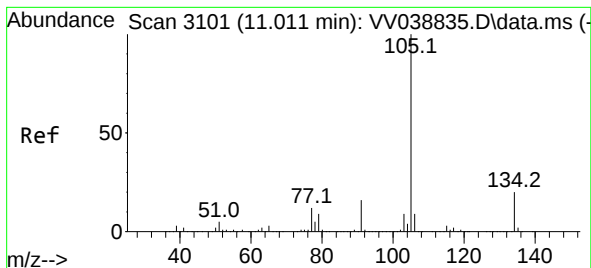
Tgt Ion:105 Resp: 460247

Ion Ratio Lower Upper

105 100

120 44.9 22.7 68.0





#85

sec-Butylbenzene

Concen: 20.745 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

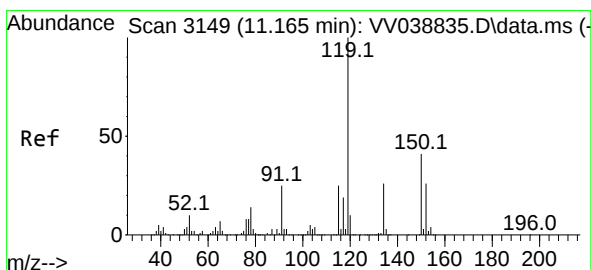
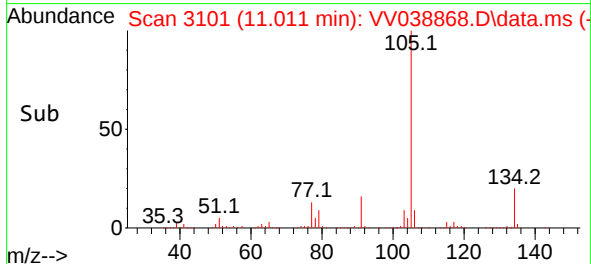
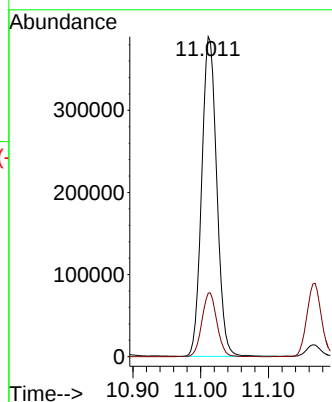
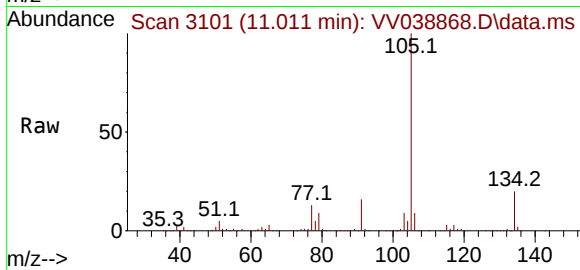
VV0707WBS01

Tgt Ion:105 Resp: 599870

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.618 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

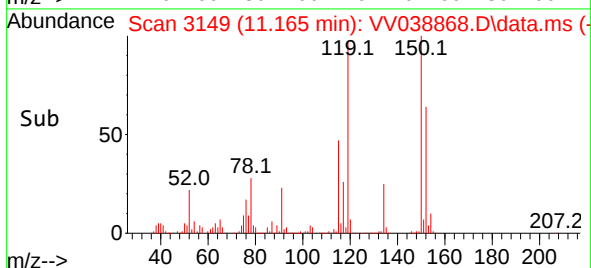
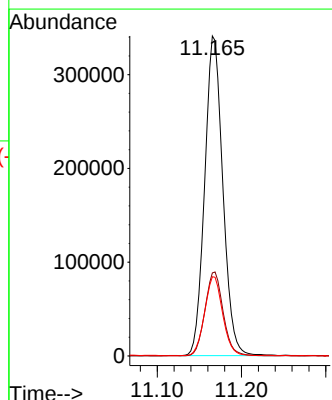
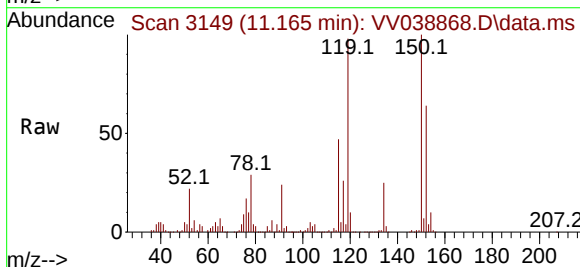
Tgt Ion:119 Resp: 511161

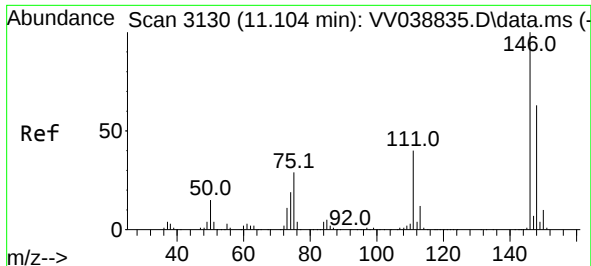
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 24.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.522 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBS01

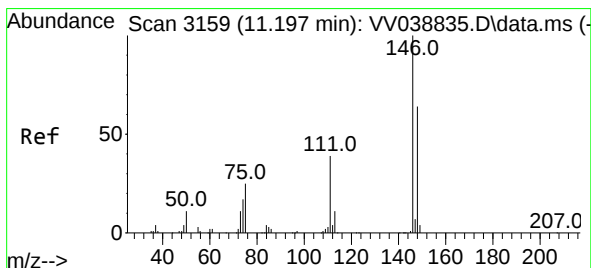
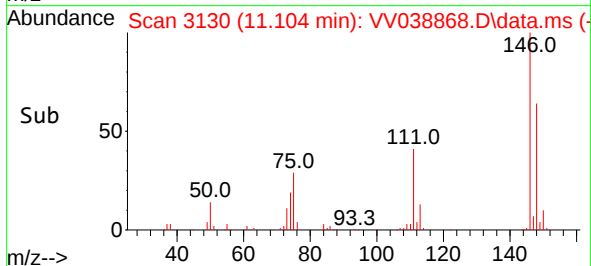
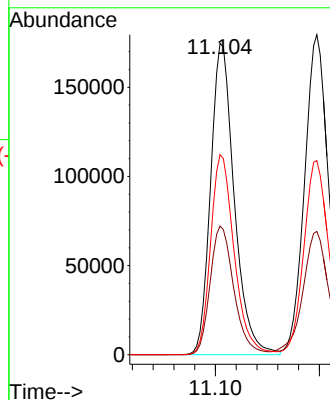
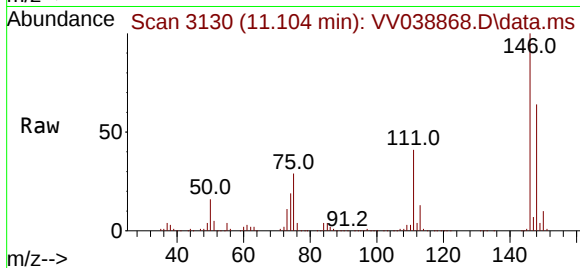
Tgt Ion:146 Resp: 275665

Ion Ratio Lower Upper

146 100

111 41.6 20.2 60.6

148 64.3 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 20.942 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

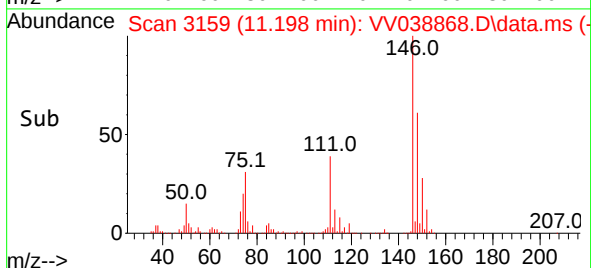
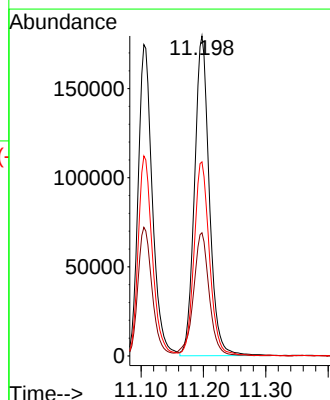
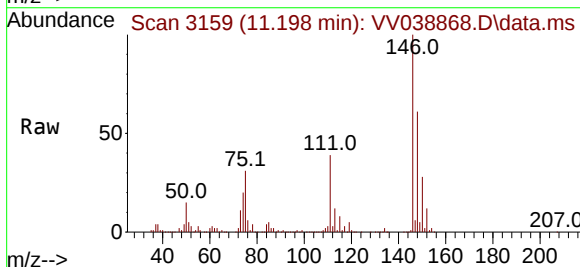
Tgt Ion:146 Resp: 296398

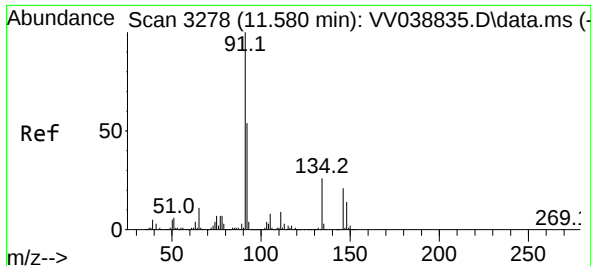
Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.3

148 62.8 32.0 96.2

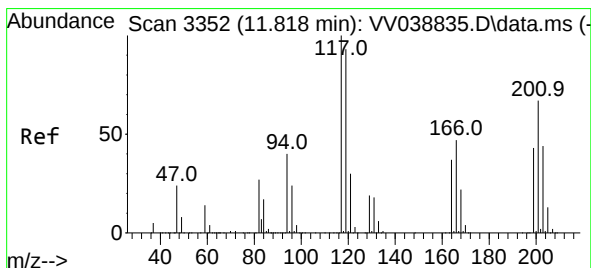
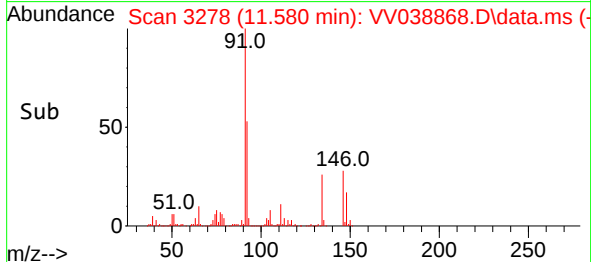
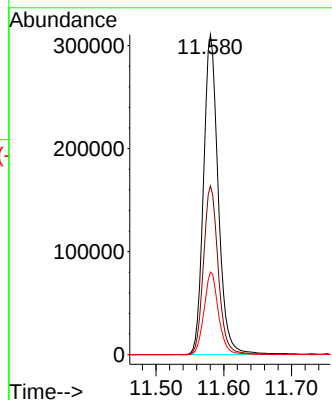
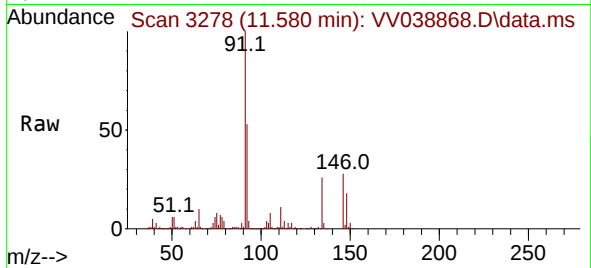




#89
n-Butylbenzene
Concen: 20.377 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

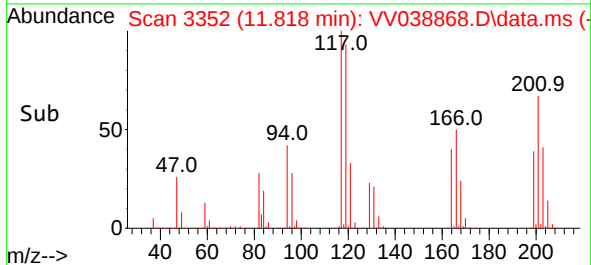
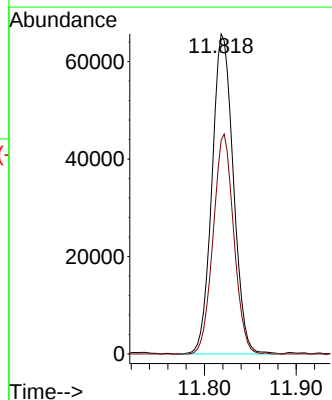
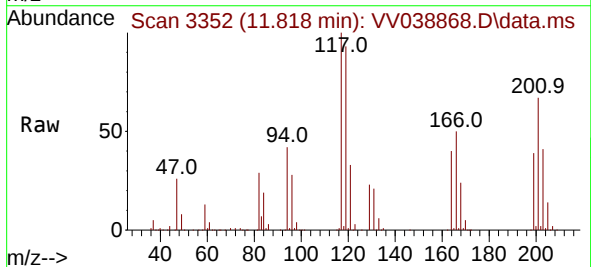
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

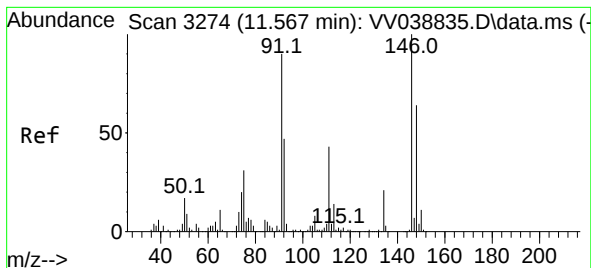
Tgt Ion: 91 Resp: 468192
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.0
134 25.5 12.9 38.7



#90
Hexachloroethane
Concen: 19.731 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion: 117 Resp: 106183
Ion Ratio Lower Upper
117 100
201 66.4 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 20.807 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBS01

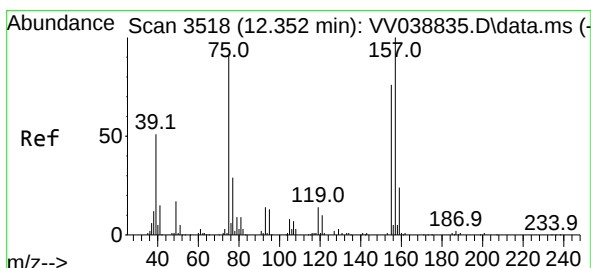
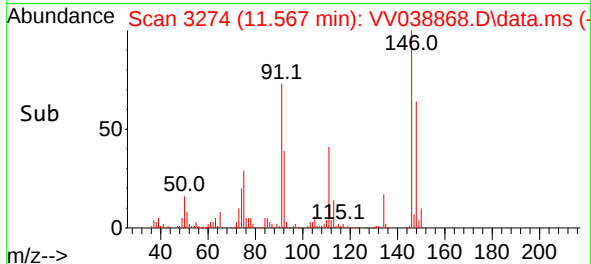
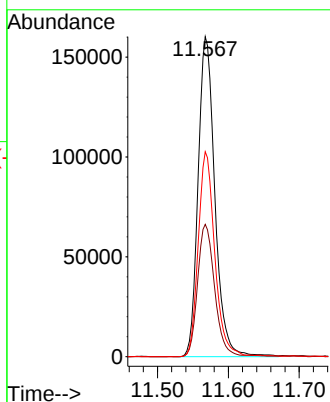
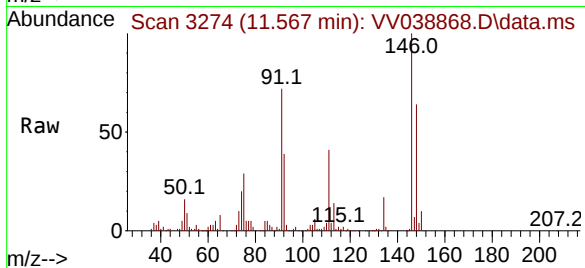
Tgt Ion:146 Resp: 263430

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

148 63.3 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.394 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

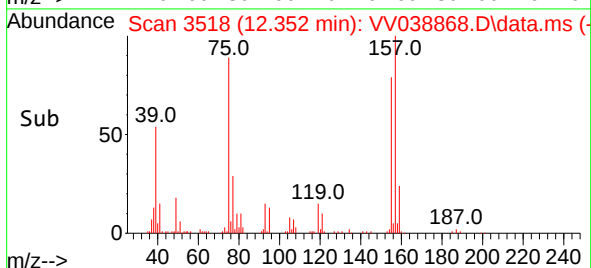
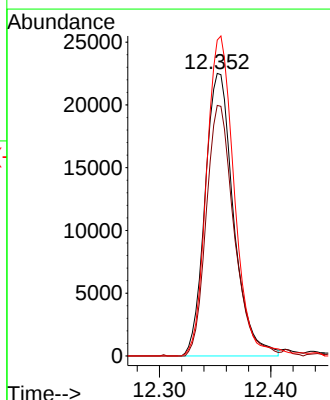
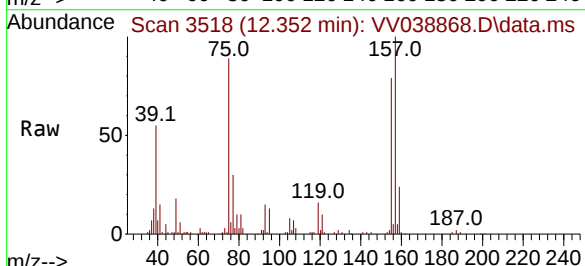
Tgt Ion: 75 Resp: 40091

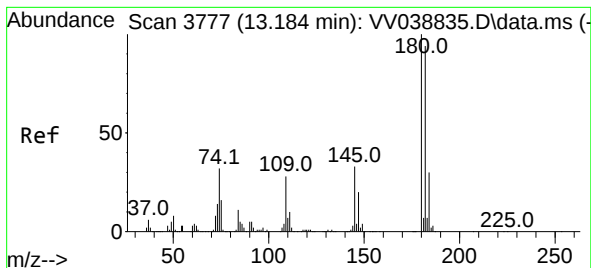
Ion Ratio Lower Upper

75 100

155 86.4 43.2 129.6

157 109.9 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 19.860 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBS01

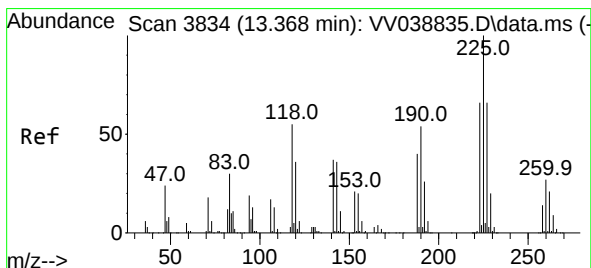
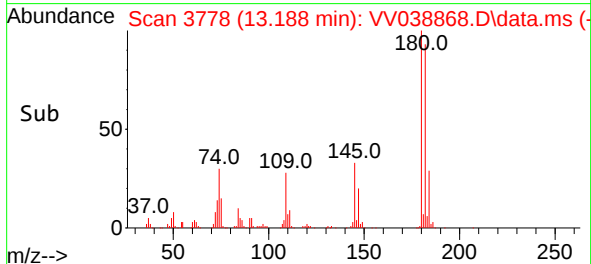
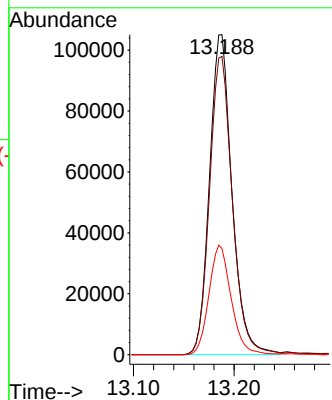
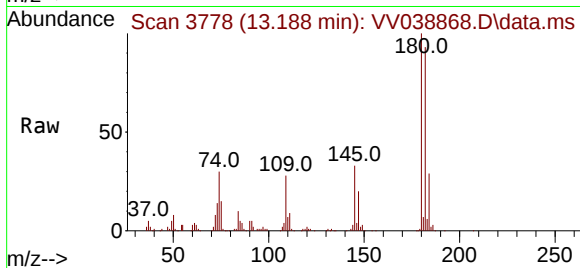
Tgt Ion:180 Resp: 162980

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.8

145 33.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 19.431 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038868.D

Acq: 07 Jul 2025 13:31

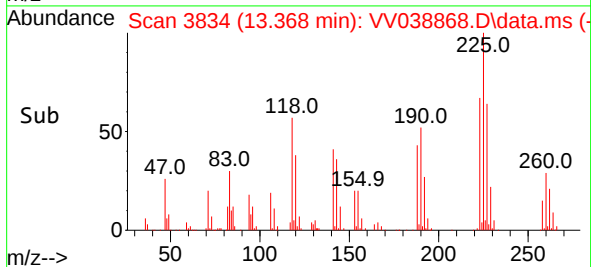
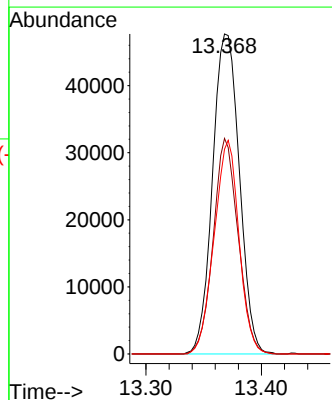
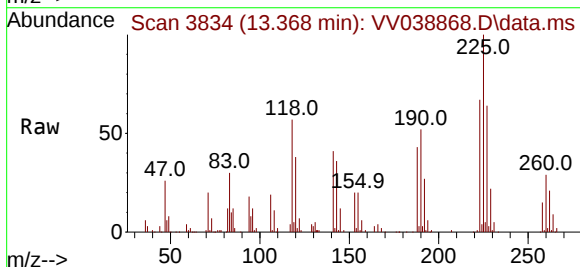
Tgt Ion:225 Resp: 76952

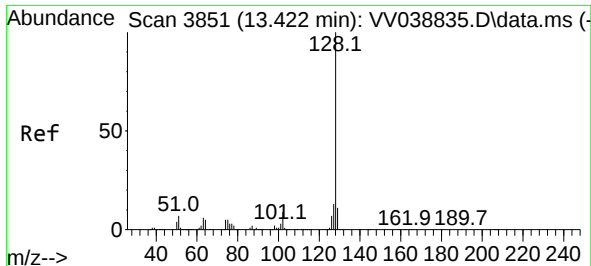
Ion Ratio Lower Upper

225 100

223 62.6 33.2 99.6

227 61.9 32.3 96.8

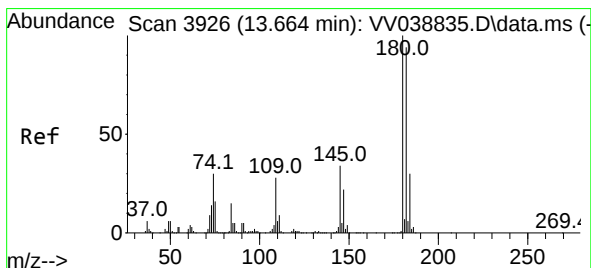
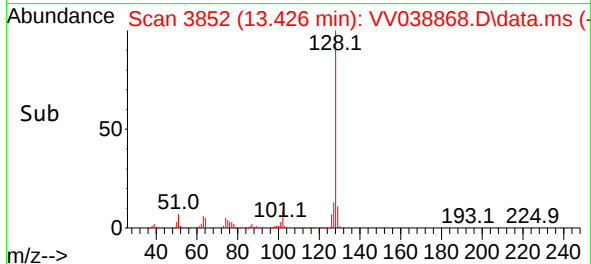
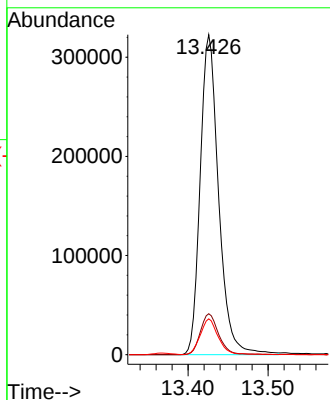
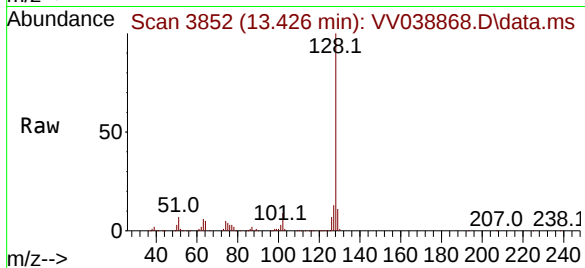




#95
Naphthalene
Concen: 19.842 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Instrument :
MSVOA_V
ClientSampleId :
VV0707WBS01

Tgt Ion:128 Resp: 518020
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.133 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV038868.D
Acq: 07 Jul 2025 13:31

Tgt Ion:180 Resp: 170508
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 35.0 17.1 51.2

