

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038857.D
 Acq On : 03 Jul 2025 13:28
 Operator : SY/MD
 Sample : VV0703WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0703WBSD01

Quant Time: Jul 04 03:55:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	491490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	785828	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	739050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	416000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	267497	48.562	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	97.120%
35) Dibromofluoromethane	4.503	113	237349	47.683	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.360%
50) Toluene-d8	7.236	98	754596	46.856	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.720%
62) 4-Bromofluorobenzene	10.001	95	343579	52.806	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	105.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	85995	18.432	ug/l	97
3) Chloromethane	1.230	50	94163	18.087	ug/l	99
4) Vinyl Chloride	1.294	62	99845	18.756	ug/l	100
5) Bromomethane	1.497	94	72004	22.164	ug/l	94
6) Chloroethane	1.558	64	66249	18.564	ug/l	99
7) Trichlorofluoromethane	1.725	101	177524	18.849	ug/l	98
8) Diethyl Ether	1.918	74	63937	19.508	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.082	101	103476	19.430	ug/l	99
10) Methyl Iodide	2.195	142	121626	18.000	ug/l	99
11) Tert butyl alcohol	2.561	59	77861	108.290	ug/l	99
12) 1,1-Dichloroethene	2.082	96	95039	18.776	ug/l	97
13) Acrolein	2.011	56	22016	122.629	ug/l	95
14) Allyl chloride	2.359	41	134280	19.727	ug/l	97
15) Acrylonitrile	2.674	53	266081	105.793	ug/l	100
16) Acetone	2.118	43	210142	114.480	ug/l	100
17) Carbon Disulfide	2.253	76	216507	18.466	ug/l	98
18) Methyl Acetate	2.381	43	130183	20.799	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	330376	21.111	ug/l	98
20) Methylene Chloride	2.455	84	112883	18.608	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	98096	19.379	ug/l	97
22) Diisopropyl ether	3.211	45	300391	21.525	ug/l	93
23) Vinyl Acetate	3.191	43	1072637	106.592	ug/l	99
24) 1,1-Dichloroethane	3.121	63	188690	20.057	ug/l	99
25) 2-Butanone	3.867	43	294811	108.604	ug/l	99
26) 2,2-Dichloropropane	3.815	77	167943	19.261	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	116119	19.685	ug/l	97
28) Bromochloromethane	4.150	49	77338	19.235	ug/l	98
29) Tetrahydrofuran	4.233	42	195737	106.468	ug/l	98
30) Chloroform	4.281	83	210142	20.502	ug/l	97
31) Cyclohexane	4.587	56	142125	19.077	ug/l #	95
32) 1,1,1-Trichloroethane	4.513	97	189532	19.923	ug/l	99
36) 1,1-Dichloropropene	4.751	75	122722	20.318	ug/l	97
37) Ethyl Acetate	3.979	43	111497	18.091	ug/l	97
38) Carbon Tetrachloride	4.735	117	157438	19.803	ug/l	96
39) Methylcyclohexane	6.047	83	149822	18.971	ug/l	95
40) Benzene	5.011	78	400938	20.102	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	50013	19.520	ug/l	93
42) 1,2-Dichloroethane	5.043	62	149383	21.155	ug/l	99
43) Isopropyl Acetate	5.191	43	196380	19.973	ug/l	98
44) Trichloroethene	5.834	130	104520	20.081	ug/l	94
45) 1,2-Dichloropropane	6.092	63	97479	19.461	ug/l	97
46) Dibromomethane	6.230	93	78311	19.825	ug/l	98
47) Bromodichloromethane	6.426	83	166816	19.944	ug/l	99
48) Methyl methacrylate	6.301	41	85244	18.233	ug/l	95
49) 1,4-Dioxane	6.288	88	28984	447.249	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	654417	105.471	ug/l	99
52) Toluene	7.310	92	260175	20.879	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	159926	19.972	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	170110	20.777	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	113910	20.904	ug/l	97
56) Ethyl methacrylate	7.715	69	146252	20.402	ug/l	99
57) 1,3-Dichloropropane	7.934	76	179203	20.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	325799	100.089	ug/l	98
59) 2-Hexanone	8.063	43	467580	106.843	ug/l	98
60) Dibromochloromethane	8.169	129	139710	20.363	ug/l	100
61) 1,2-Dibromoethane	8.275	107	117360	20.818	ug/l	98
64) Tetrachloroethene	7.899	164	92533	19.470	ug/l	97
65) Chlorobenzene	8.805	112	303344	19.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	114218	19.639	ug/l	97
67) Ethyl Benzene	8.937	91	477932	19.586	ug/l	99
68) m/p-Xylenes	9.063	106	384692	41.159	ug/l	98
69) o-Xylene	9.468	106	177140	19.837	ug/l	98
70) Styrene	9.487	104	318704	20.441	ug/l	99
71) Bromoform	9.654	173	97470	20.624	ug/l #	99
73) Isopropylbenzene	9.857	105	503716	20.632	ug/l	100
74) N-amyl acetate	9.725	43	170525	19.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	183392	20.721	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	129106	20.059	ug/l	98
77) Bromobenzene	10.143	156	130115	20.659	ug/l	98
78) n-propylbenzene	10.278	91	589426	20.287	ug/l	100
79) 2-Chlorotoluene	10.349	91	370657	21.007	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	431457	20.669	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	58214	19.252	ug/l	97
82) 4-Chlorotoluene	10.464	91	425687	20.927	ug/l	99
83) tert-Butylbenzene	10.789	119	425993	19.676	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	430355	21.034	ug/l	99
85) sec-Butylbenzene	11.014	105	556017	20.172	ug/l	100
86) p-Isopropyltoluene	11.169	119	472740	20.004	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	259865	20.295	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	266220	19.732	ug/l	98
89) n-Butylbenzene	11.580	91	440259	20.102	ug/l	98
90) Hexachloroethane	11.821	117	97736	19.053	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	242655	20.106	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	35917	19.167	ug/l	98
93) 1,2,4-Trichlorobenzene	13.188	180	147948	18.912	ug/l	99
94) Hexachlorobutadiene	13.368	225	71729	19.001	ug/l	96
95) Naphthalene	13.426	128	466191	18.733	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	152142	18.846	ug/l	99

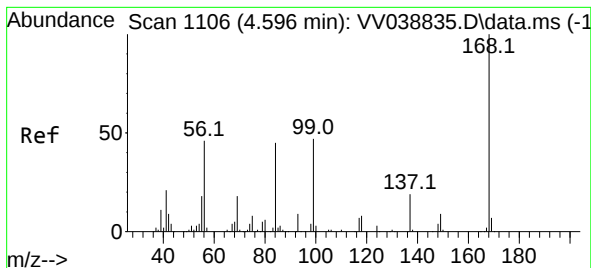
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

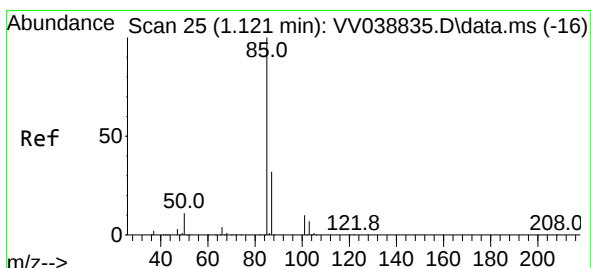
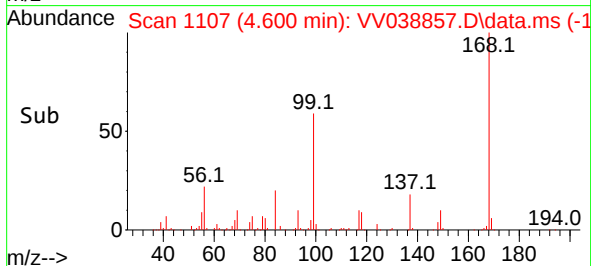
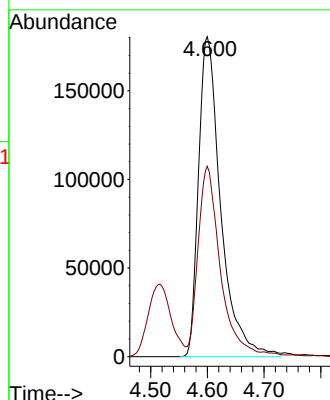
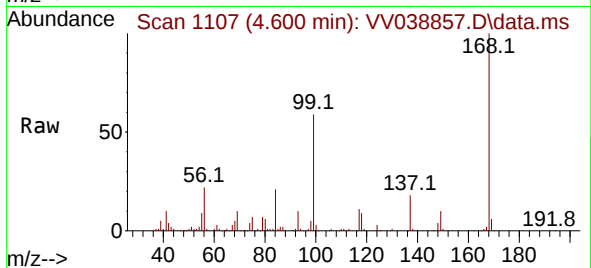
VV0703WBSD01

Tgt Ion:168 Resp: 491490

Ion Ratio Lower Upper

168 100

99 58.8 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 18.432 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038857.D

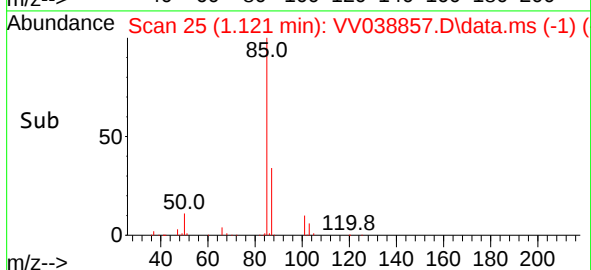
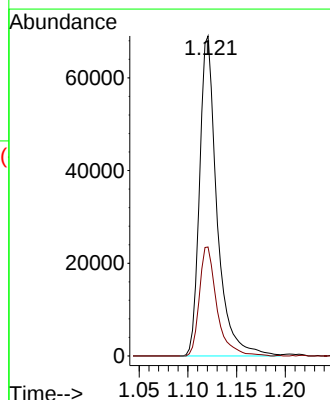
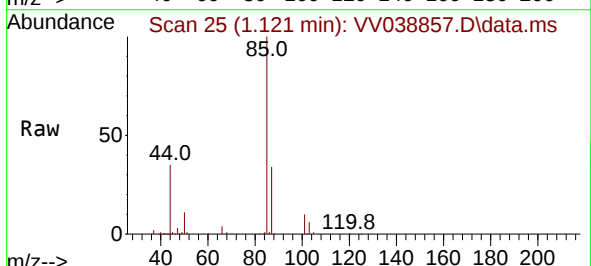
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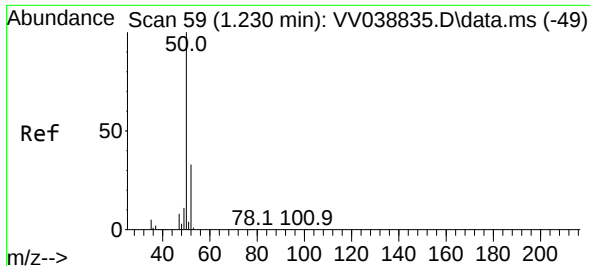
Tgt Ion: 85 Resp: 85995

Ion Ratio Lower Upper

85 100

87 34.0 16.1 48.3

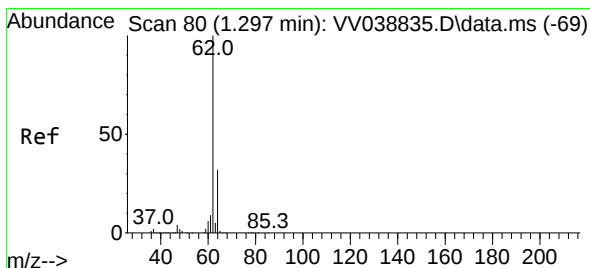
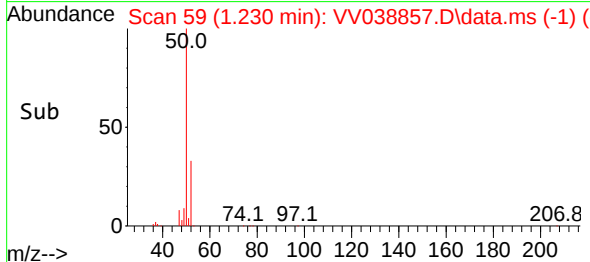
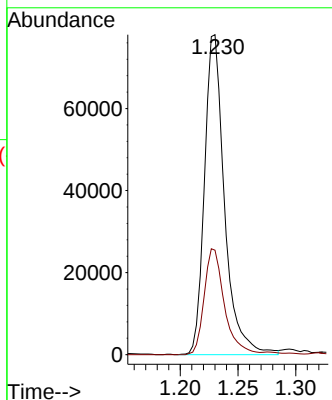
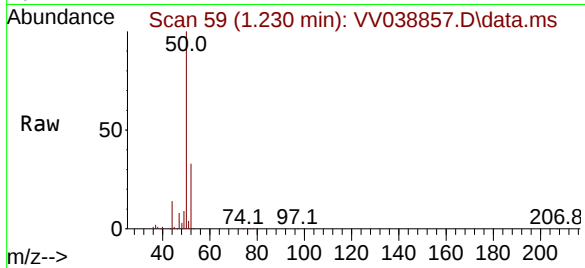




#3
Chloromethane
Concen: 18.087 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

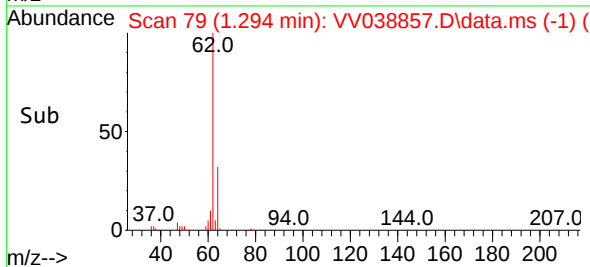
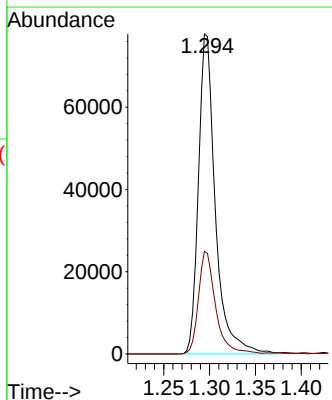
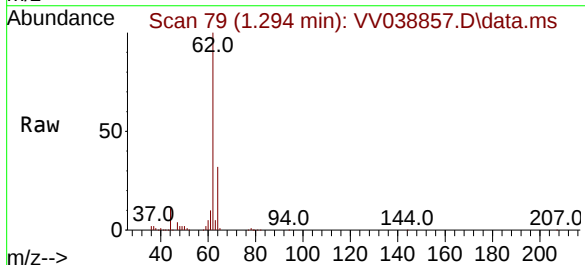
Instrument :
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ClientSampleId :
VV0703WBSD01

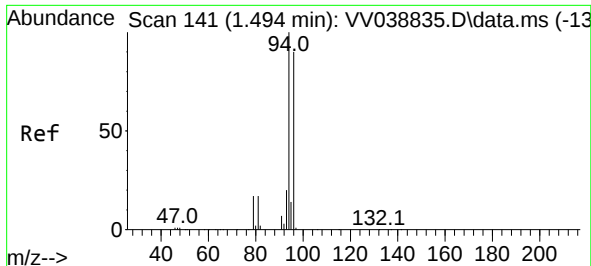
Tgt Ion: 50 Resp: 94163
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 18.756 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 62 Resp: 99845
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

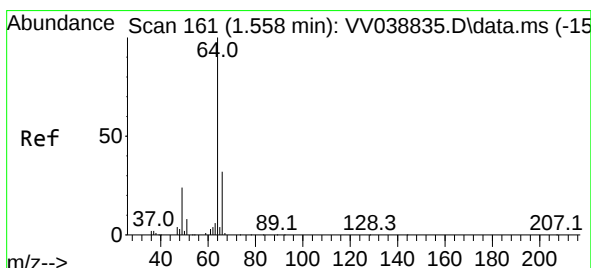
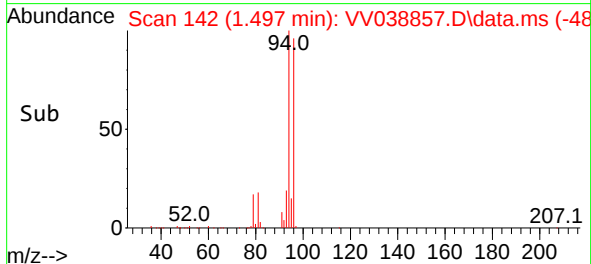
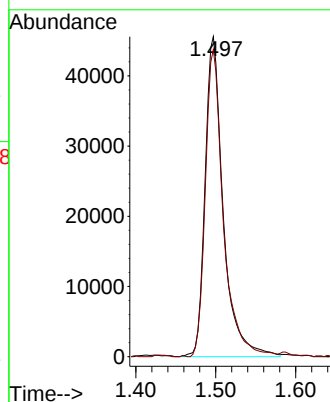
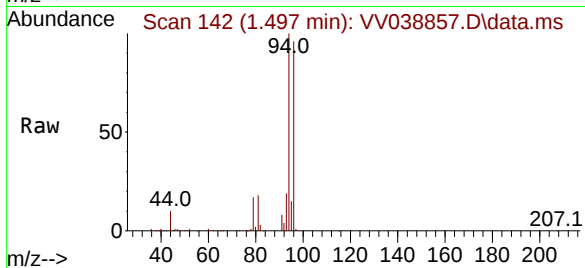




#5
Bromomethane
Concen: 22.164 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

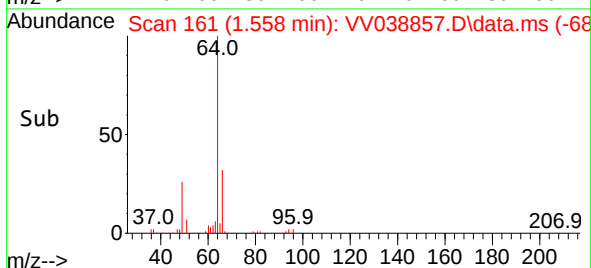
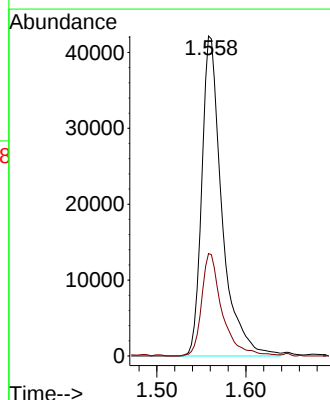
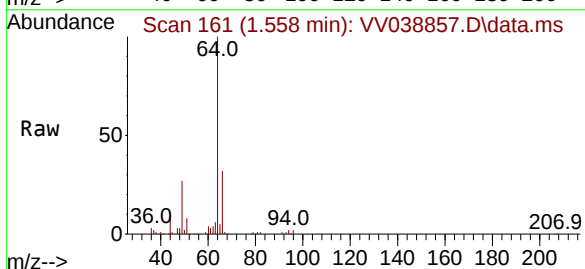
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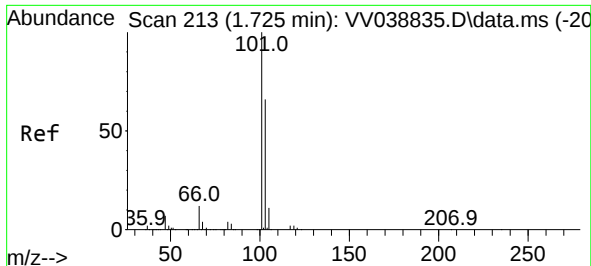
Tgt Ion: 94 Resp: 72004
Ion Ratio Lower Upper
94 100
96 95.9 72.2 108.4



#6
Chloroethane
Concen: 18.564 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 64 Resp: 66249
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0

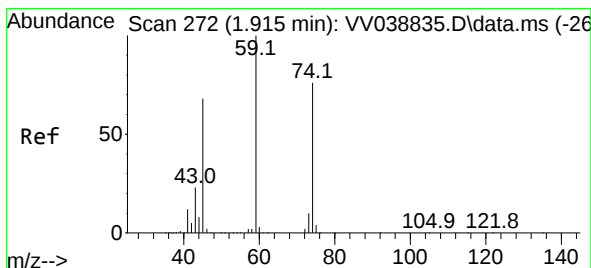
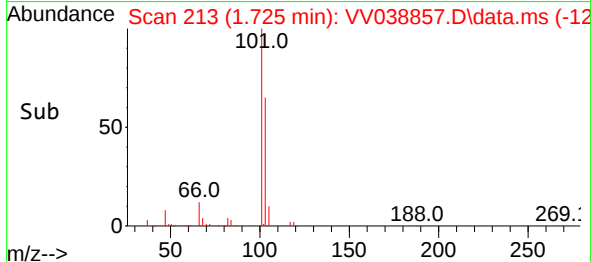
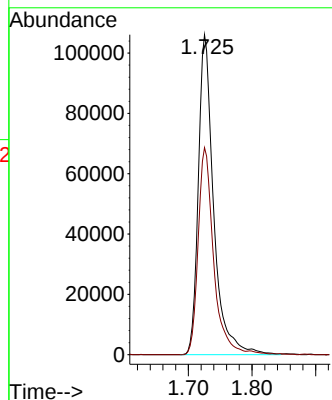
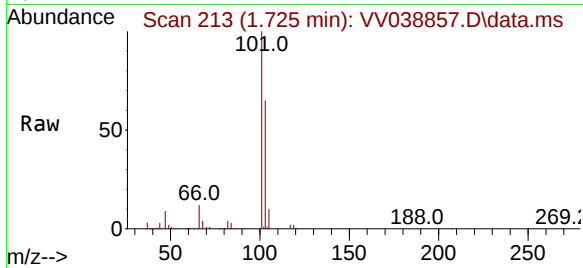




#7
 Trichlorofluoromethane
 Concen: 18.849 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038857.D
 Acq: 03 Jul 2025 13:28

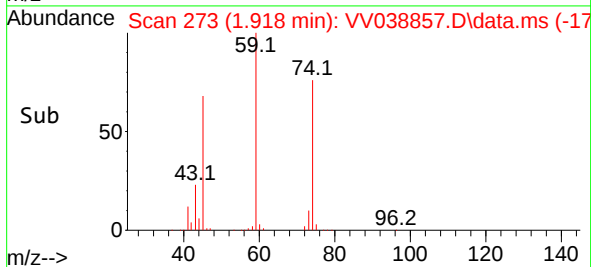
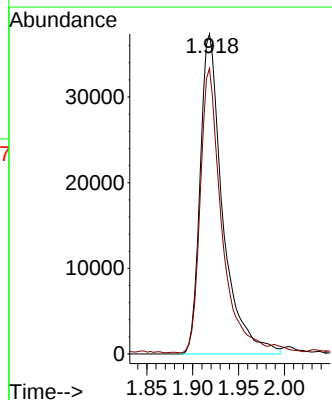
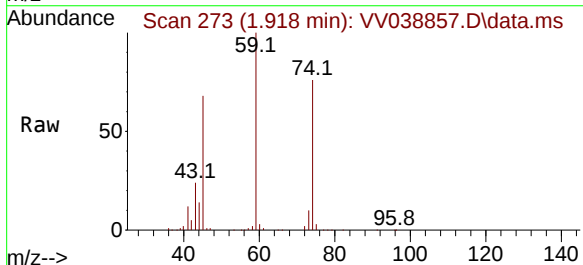
Instrument :
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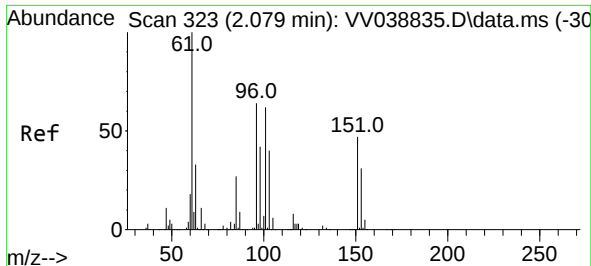
Tgt Ion:101 Resp: 177524
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.8 79.2



#8
 Diethyl Ether
 Concen: 19.508 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038857.D
 Acq: 03 Jul 2025 13:28

Tgt Ion: 74 Resp: 63937
 Ion Ratio Lower Upper
 74 100
 45 84.1 43.9 131.7

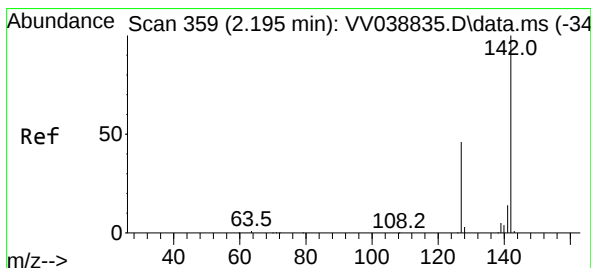
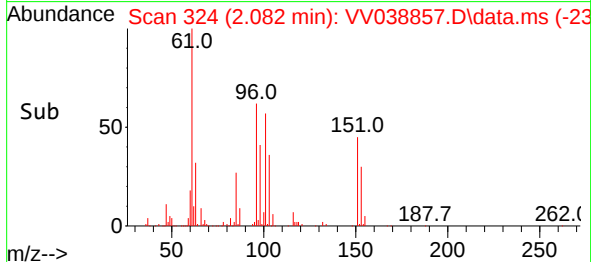
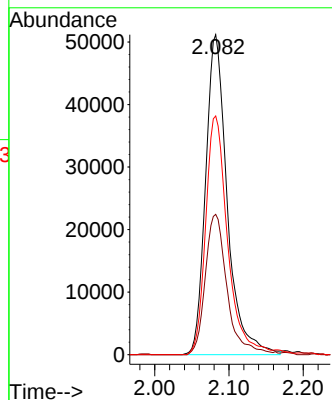
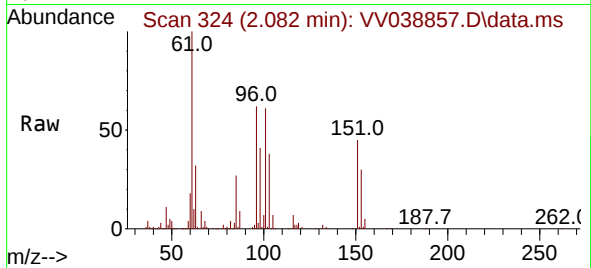




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.430 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038857.D
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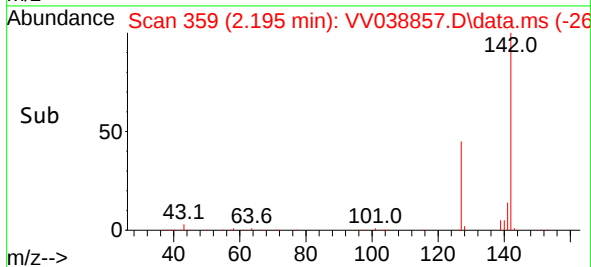
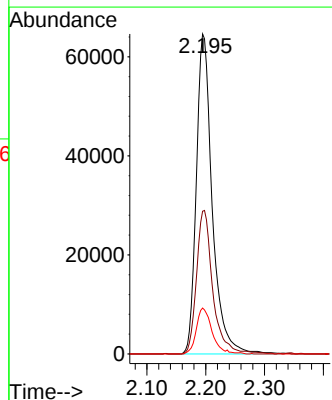
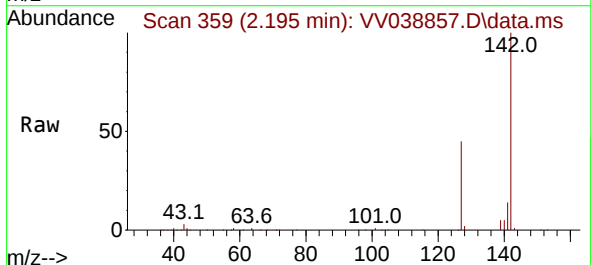
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

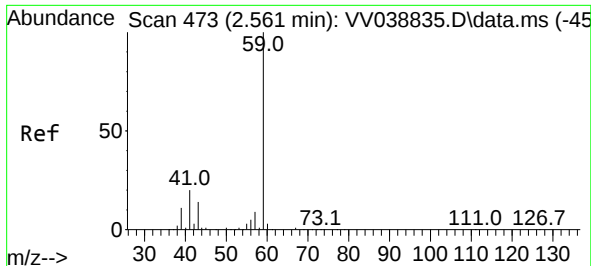
Tgt Ion:101 Resp: 103476
Ion Ratio Lower Upper
101 100
85 44.3 34.6 52.0
151 75.8 60.4 90.6



#10
Methyl Iodide
Concen: 18.000 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion:142 Resp: 121626
Ion Ratio Lower Upper
142 100
127 45.9 36.9 55.3
141 14.2 11.8 17.8

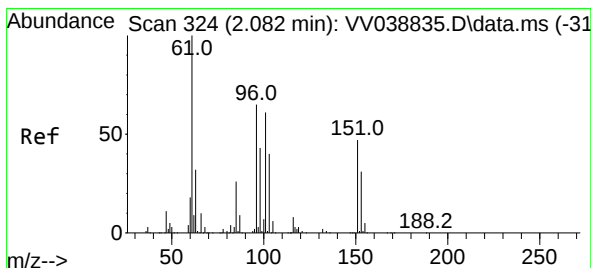
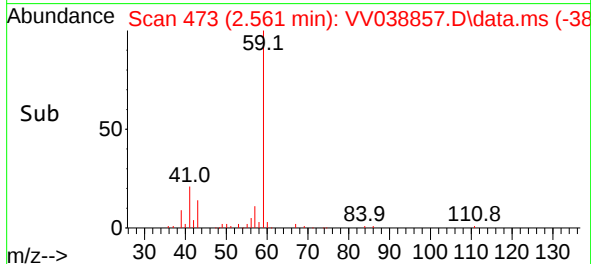
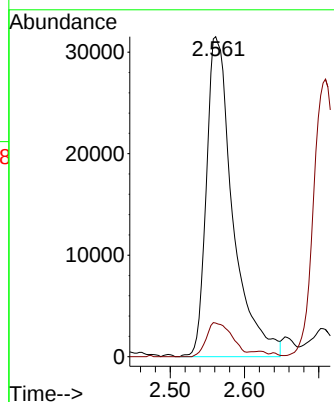
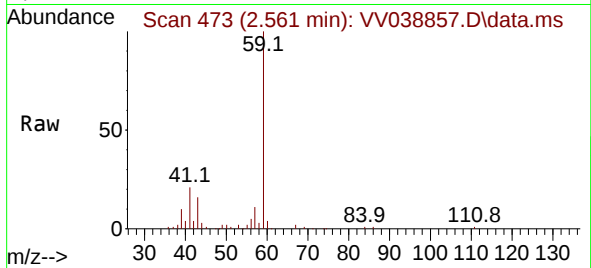




#11
Tert butyl alcohol
Concen: 108.290 ug/l
RT: 2.561 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

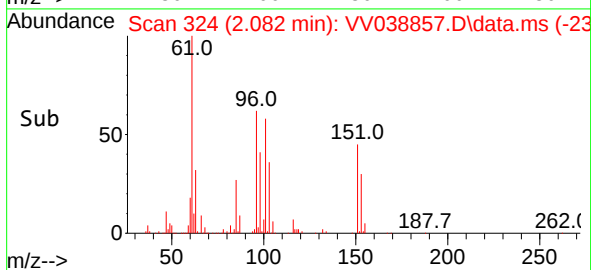
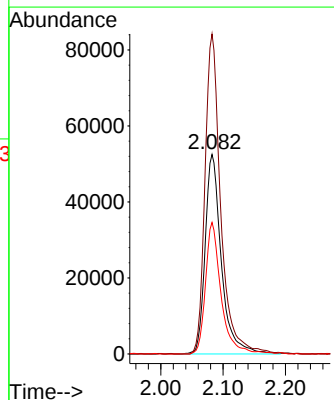
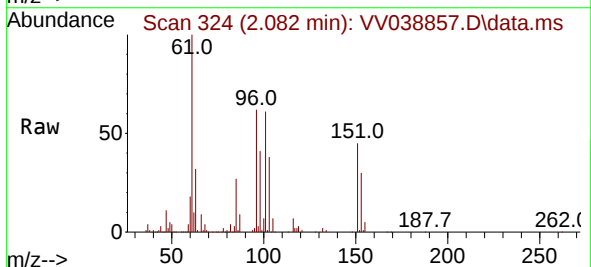
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

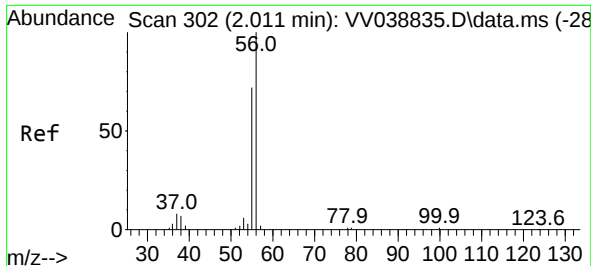
Tgt Ion: 59 Resp: 77861
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0



#12
1,1-Dichloroethene
Concen: 18.776 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 96 Resp: 95039
Ion Ratio Lower Upper
96 100
61 160.3 123.5 185.3
98 65.9 52.5 78.7





#13

Acrolein

Concen: 122.629 ug/l

RT: 2.011 min Scan# 302

Delta R.T. 0.000 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

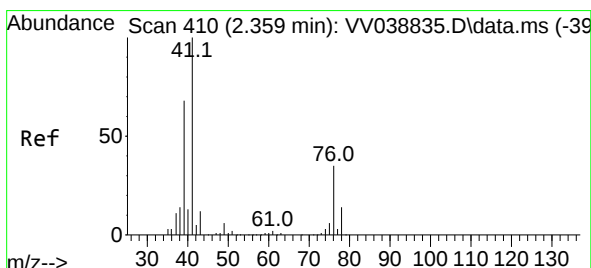
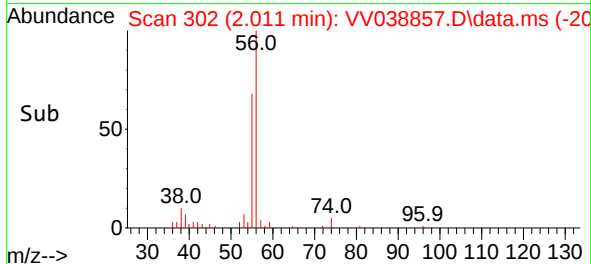
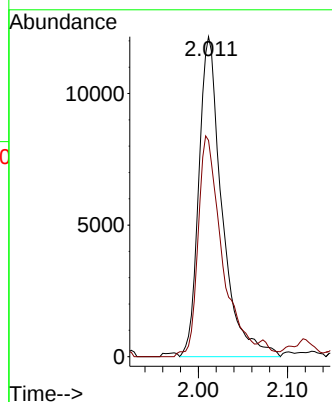
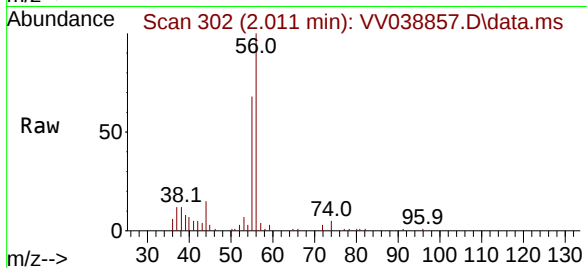
VV0703WBSD01

Tgt Ion: 56 Resp: 22016

Ion Ratio Lower Upper

56 100

55 70.8 53.4 80.2



#14

Allyl chloride

Concen: 19.727 ug/l

RT: 2.359 min Scan# 410

Delta R.T. 0.000 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

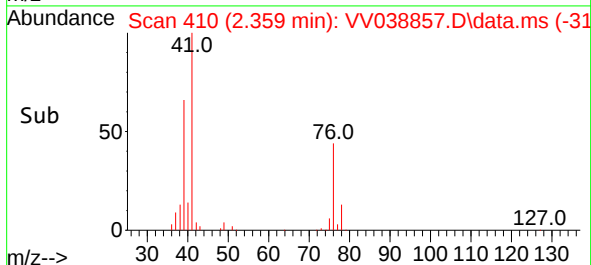
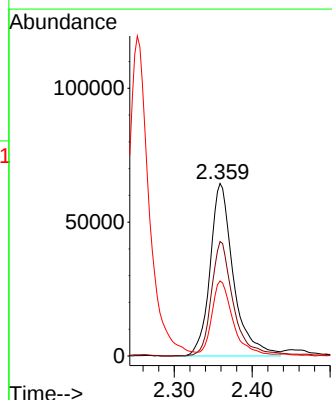
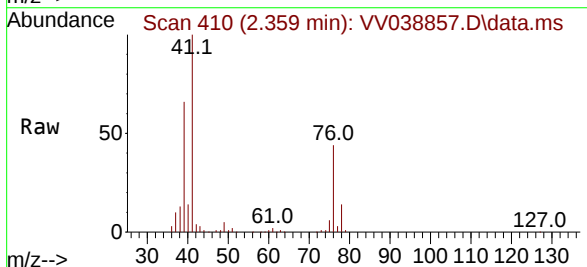
Tgt Ion: 41 Resp: 134280

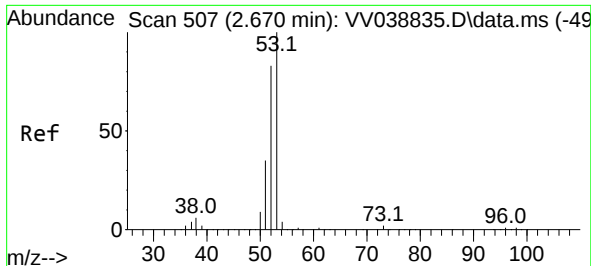
Ion Ratio Lower Upper

41 100

39 63.3 51.0 76.4

76 37.5 33.6 50.4

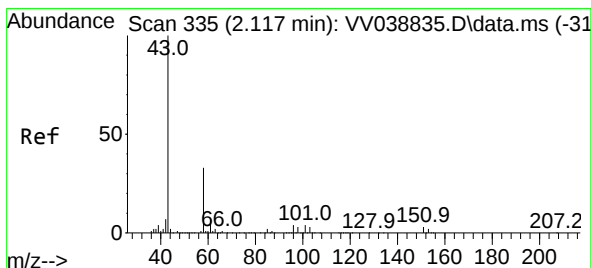
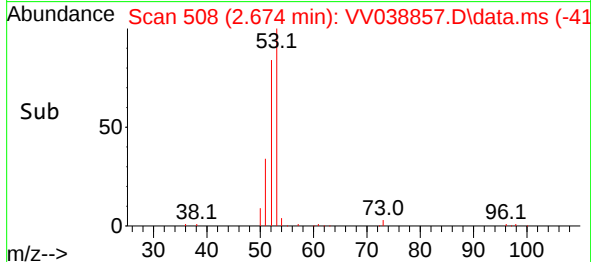
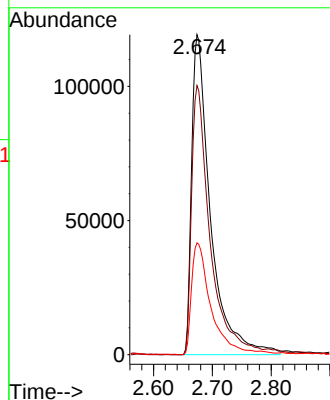
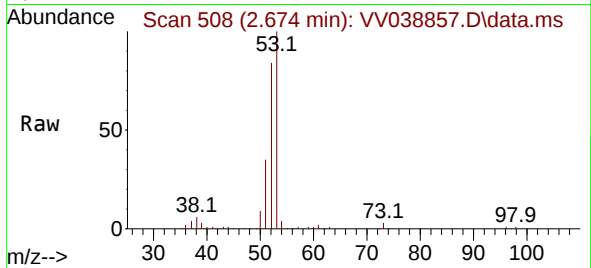




#15
Acrylonitrile
Concen: 105.793 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

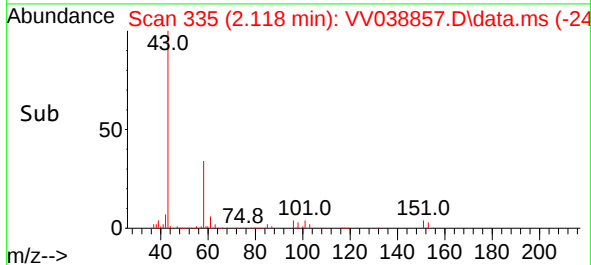
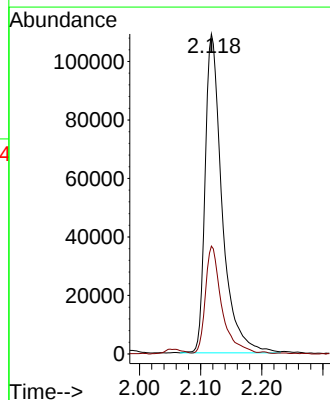
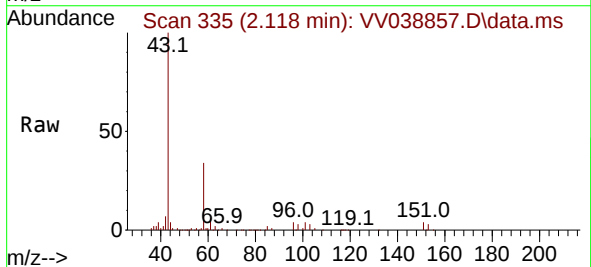
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

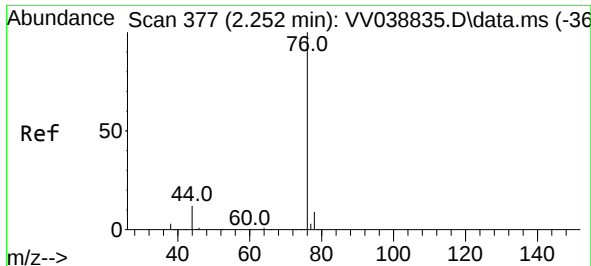
Tgt Ion: 53 Resp: 266081
Ion Ratio Lower Upper
53 100
52 81.8 65.8 98.6
51 35.7 28.5 42.7



#16
Acetone
Concen: 114.480 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 43 Resp: 210142
Ion Ratio Lower Upper
43 100
58 33.5 27.0 40.4

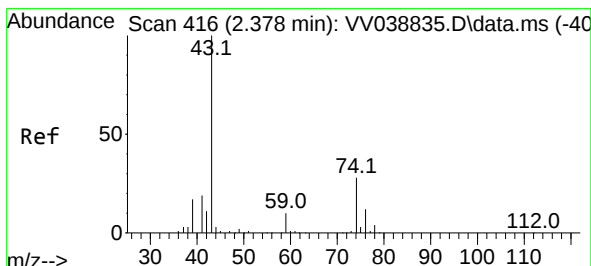
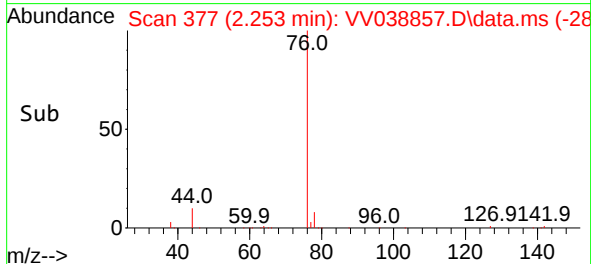
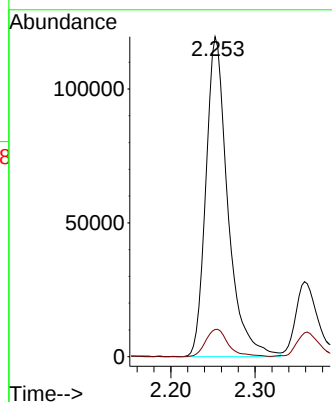
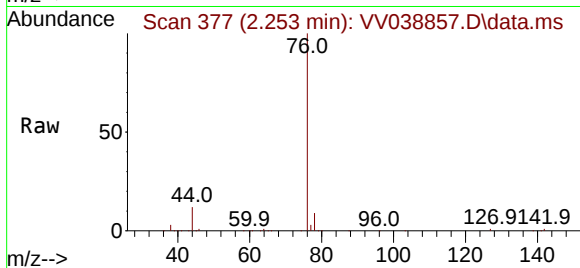




#17
Carbon Disulfide
Concen: 18.466 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

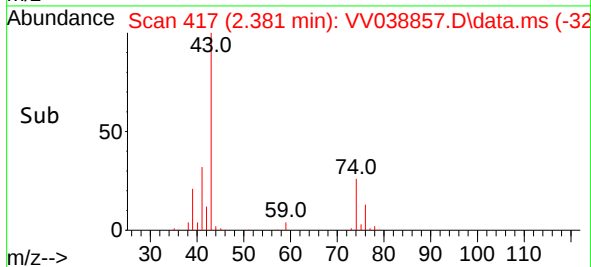
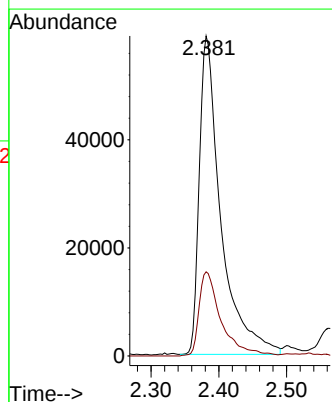
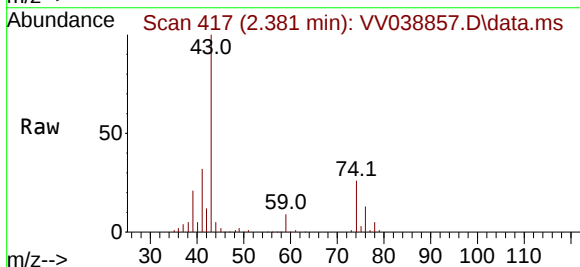
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

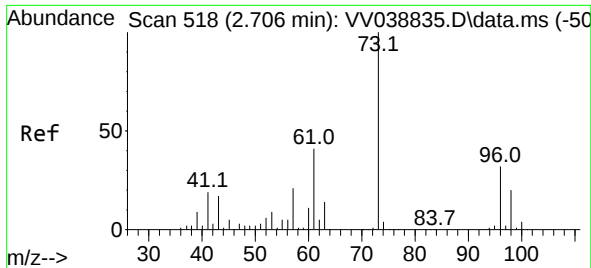
Tgt Ion: 76 Resp: 216507
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 20.799 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 43 Resp: 130183
Ion Ratio Lower Upper
43 100
74 27.1 21.4 32.0

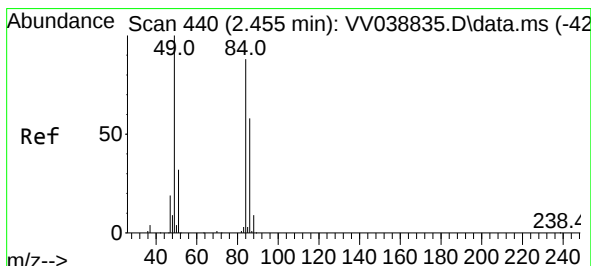
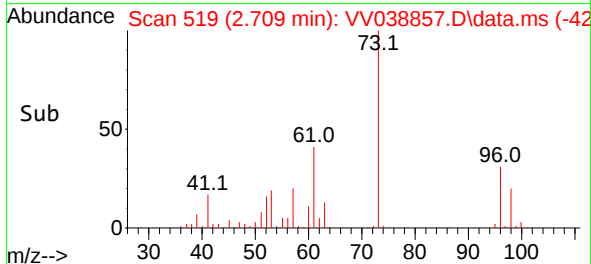
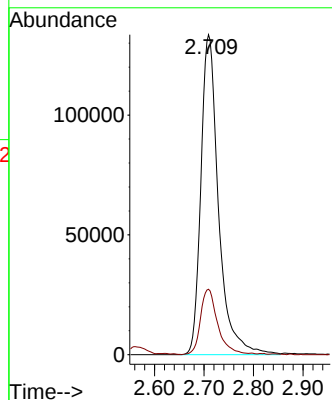
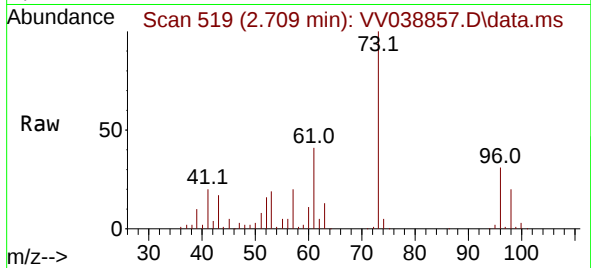




#19
Methyl tert-butyl Ether
Concen: 21.111 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

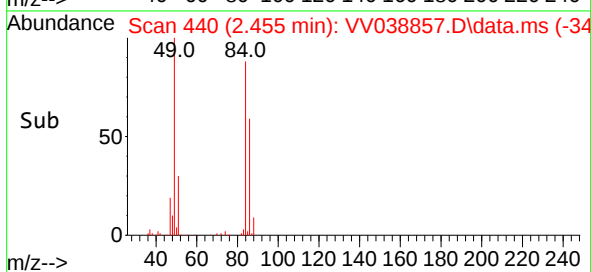
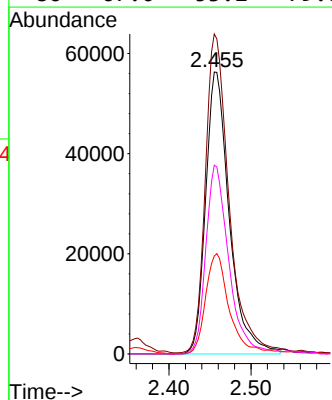
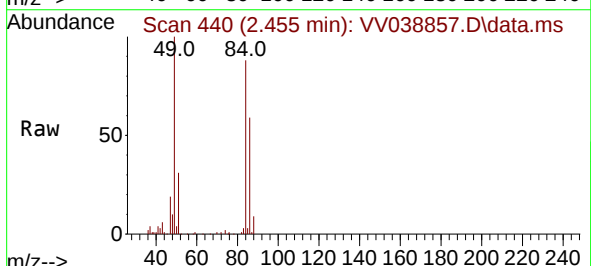
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

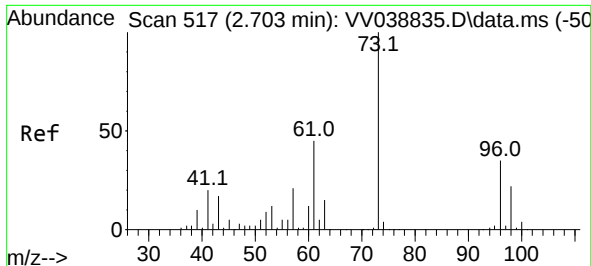
Tgt Ion: 73 Resp: 330376
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.4



#20
Methylene Chloride
Concen: 18.608 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 84 Resp: 112883
Ion Ratio Lower Upper
84 100
49 113.1 91.0 136.4
51 34.5 29.4 44.2
86 67.0 53.2 79.8

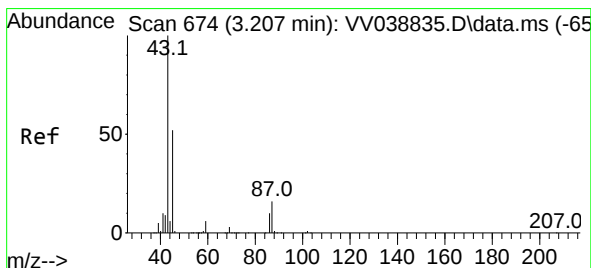
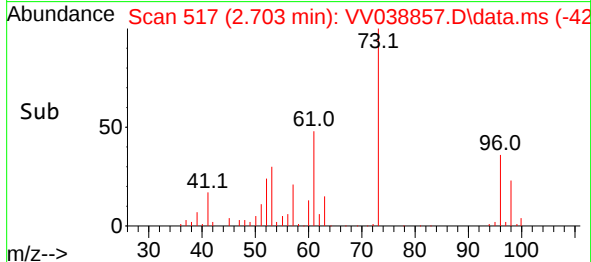
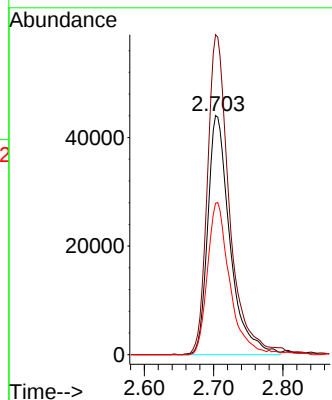
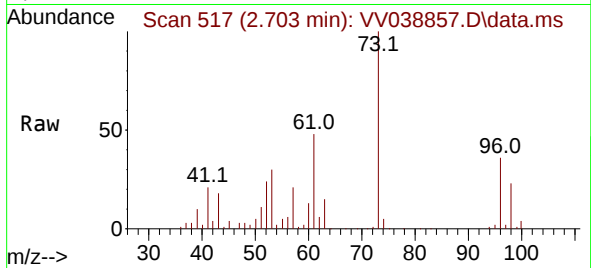




#21
trans-1,2-Dichloroethene
Concen: 19.379 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

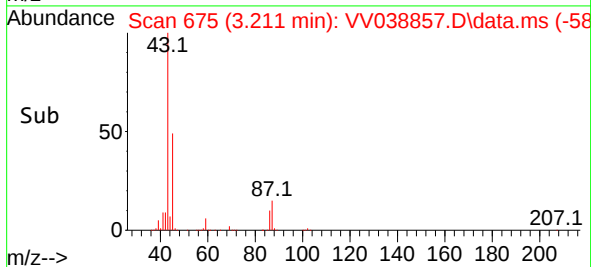
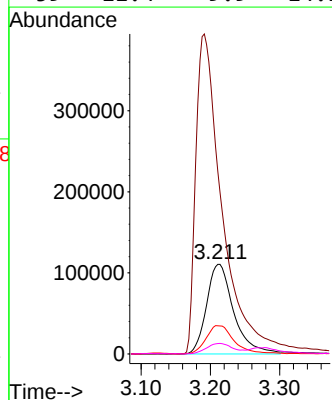
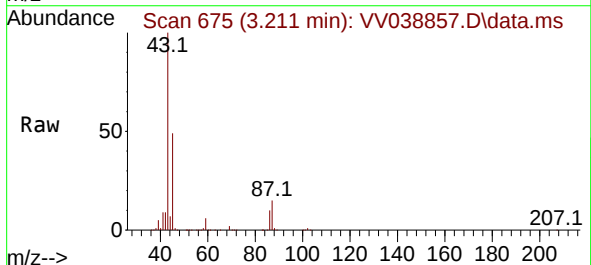
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

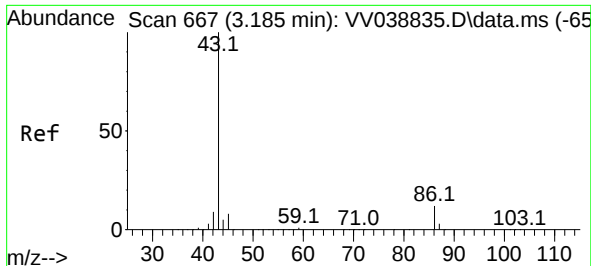
Tgt Ion: 96 Resp: 98096
Ion Ratio Lower Upper
96 100
61 133.8 102.8 154.2
98 63.2 50.9 76.3



#22
Diisopropyl ether
Concen: 21.525 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 45 Resp: 300391
Ion Ratio Lower Upper
45 100
43 203.7 153.1 229.7
87 31.2 25.2 37.8
59 11.4 9.9 14.9

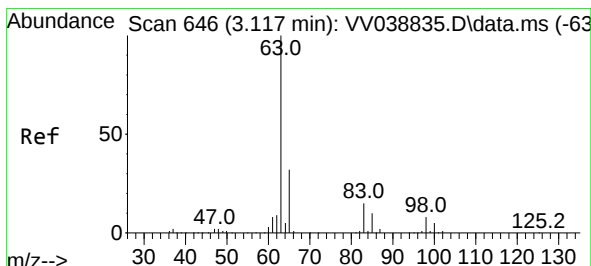
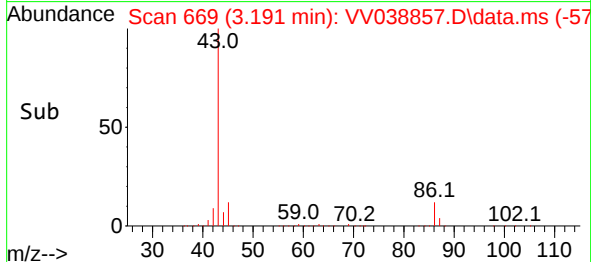
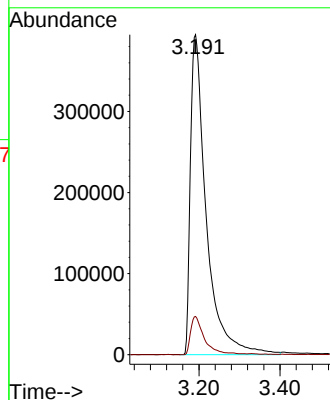
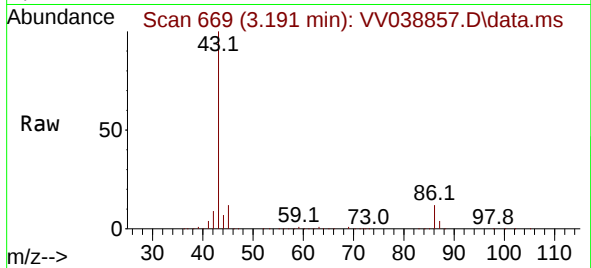




#23
 Vinyl Acetate
 Concen: 106.592 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.007 min
 Lab File: VV038857.D
 Acq: 03 Jul 2025 13:28

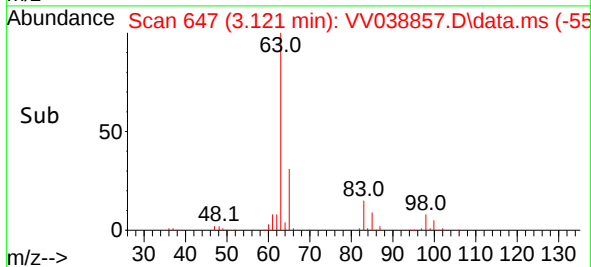
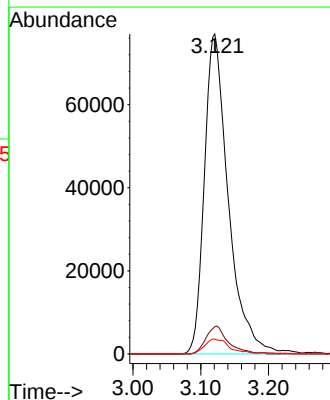
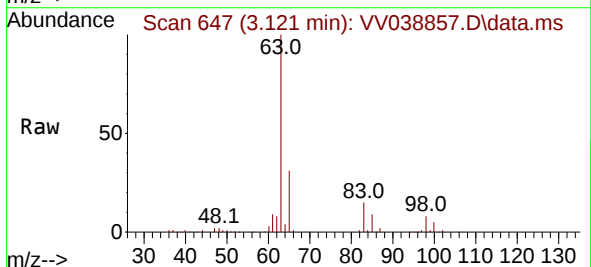
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0703WBSD01

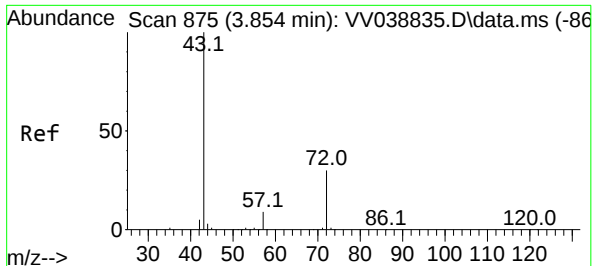
Tgt Ion: 43 Resp: 1072637
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 20.057 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038857.D
 Acq: 03 Jul 2025 13:28

Tgt Ion: 63 Resp: 188690
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.1 12.3
 100 4.6 2.4 7.2

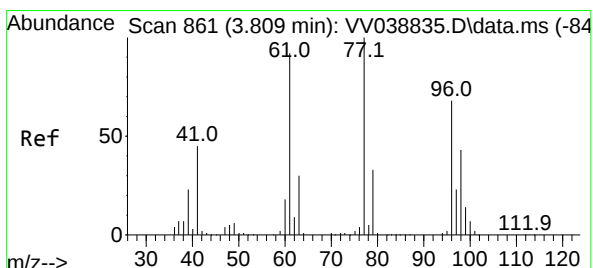
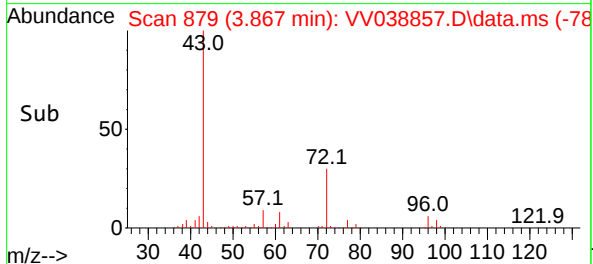
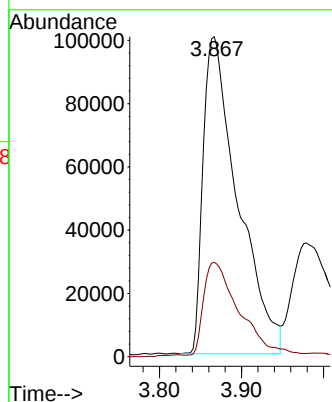
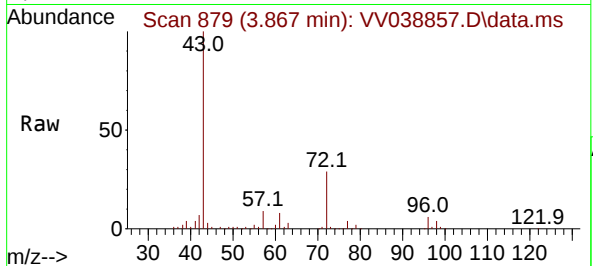




#25
2-Butanone
Concen: 108.604 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.013 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

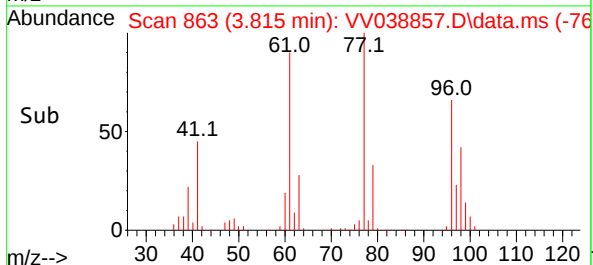
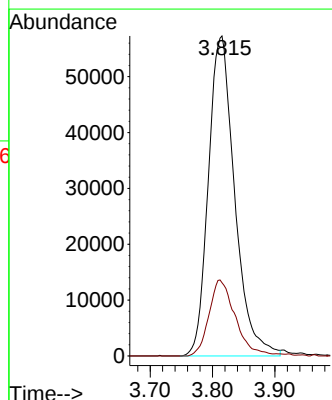
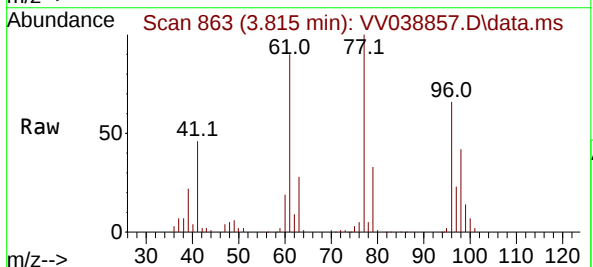
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

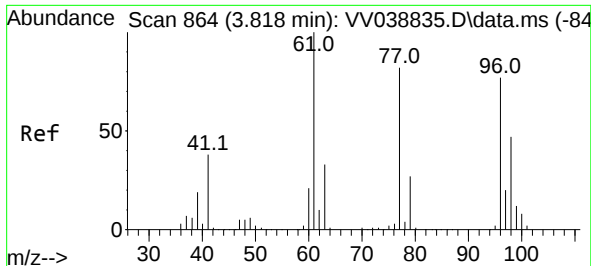
Tgt Ion: 43 Resp: 294811
Ion Ratio Lower Upper
43 100
72 29.1 23.8 35.8



#26
2,2-Dichloropropane
Concen: 19.261 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 77 Resp: 167943
Ion Ratio Lower Upper
77 100
97 23.9 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.685 ug/l

RT: 3.825 min Scan# 866

Delta R.T. 0.007 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

VV0703WBSD01

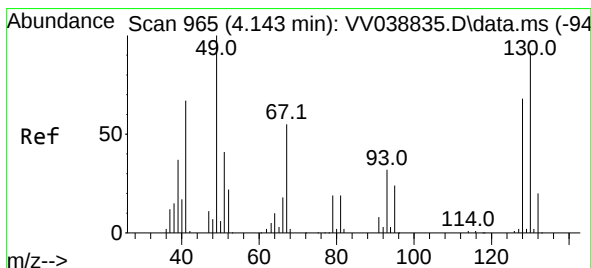
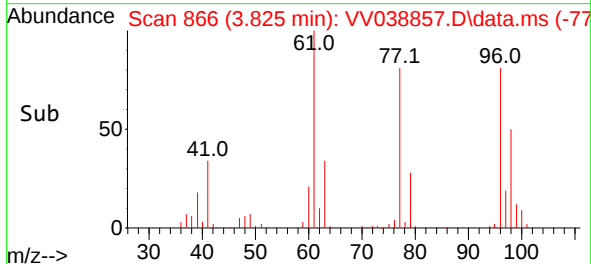
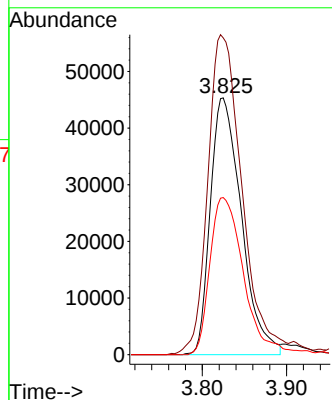
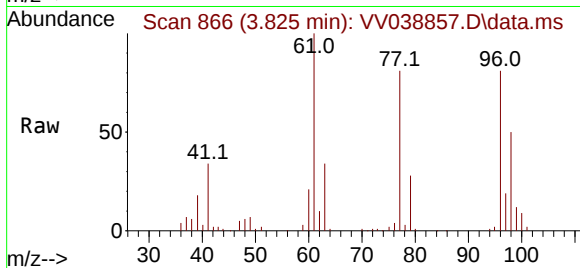
Tgt Ion: 96 Resp: 116119

Ion Ratio Lower Upper

96 100

61 136.8 0.0 268.4

98 66.7 0.0 128.0



#28

Bromochloromethane

Concen: 19.235 ug/l

RT: 4.150 min Scan# 967

Delta R.T. 0.007 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

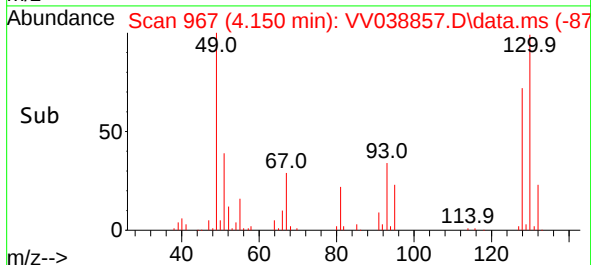
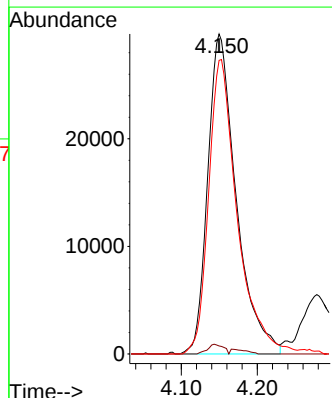
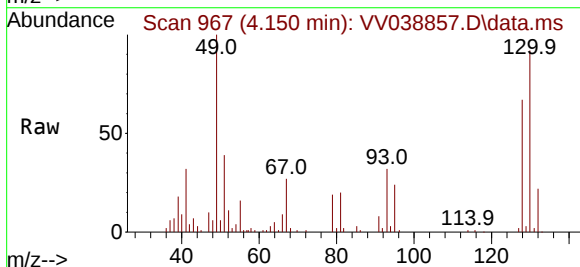
Tgt Ion: 49 Resp: 77338

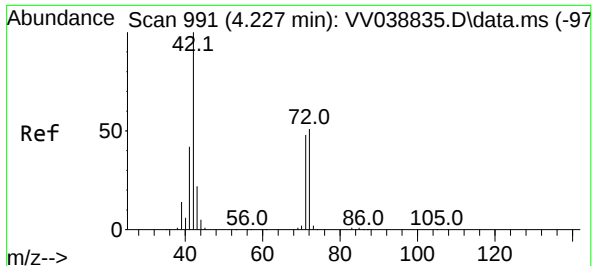
Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.2

130 92.7 72.5 108.7





#29

Tetrahydrofuran

Concen: 106.468 ug/l

RT: 4.233 min Scan# 991

Delta R.T. 0.007 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

VV0703WBSD01

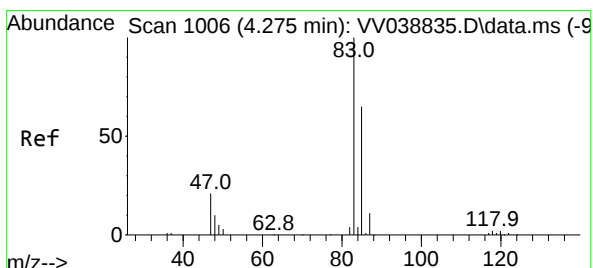
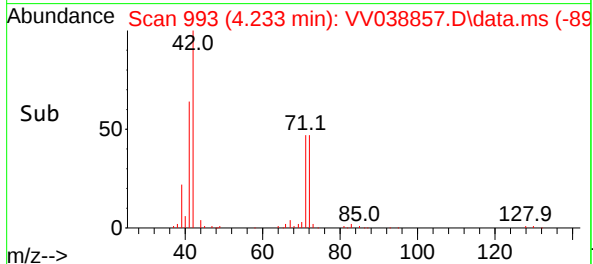
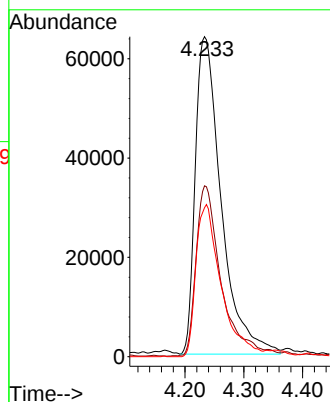
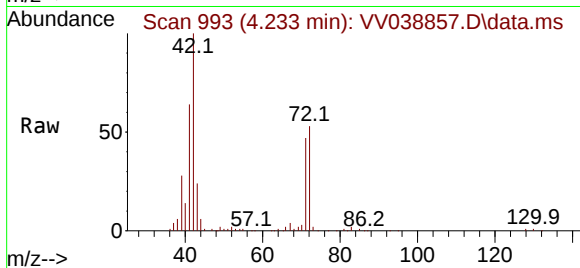
Tgt Ion: 42 Resp: 195737

Ion Ratio Lower Upper

42 100

72 51.0 41.3 61.9

71 46.5 39.2 58.8



#30

Chloroform

Concen: 20.502 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.007 min

Lab File: VV038857.D

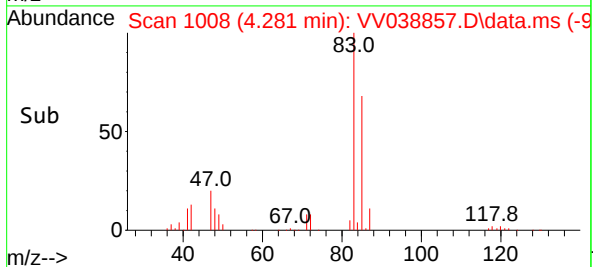
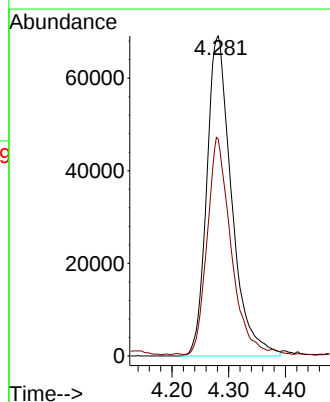
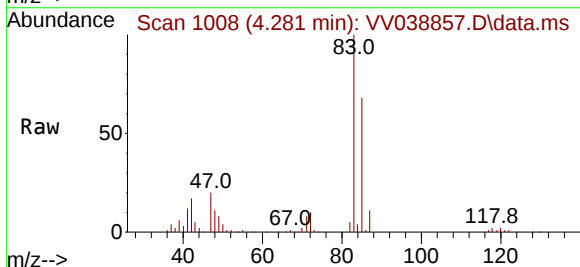
Acq: 03 Jul 2025 13:28

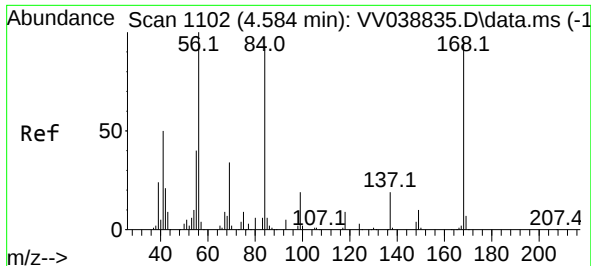
Tgt Ion: 83 Resp: 210142

Ion Ratio Lower Upper

83 100

85 67.2 51.8 77.6

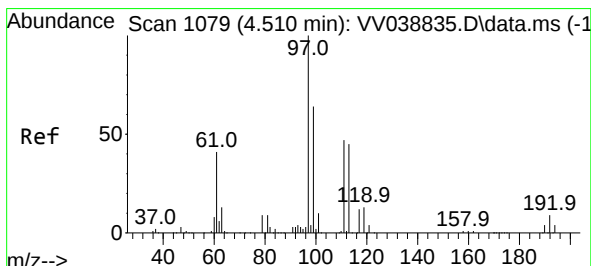
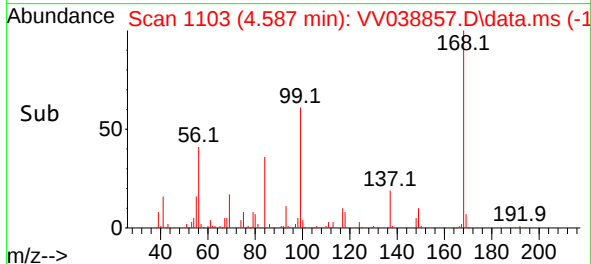
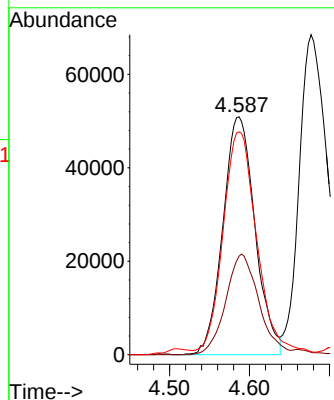
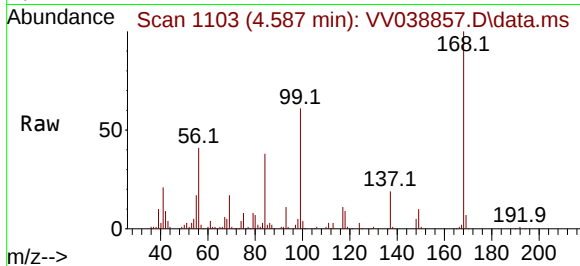




#31
Cyclohexane
Concen: 19.077 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

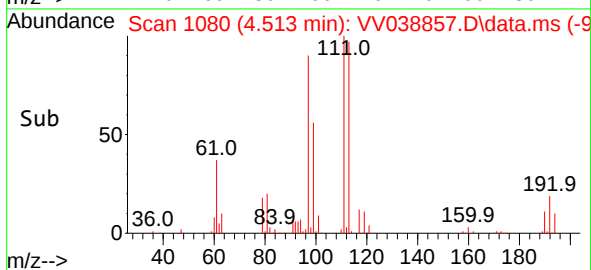
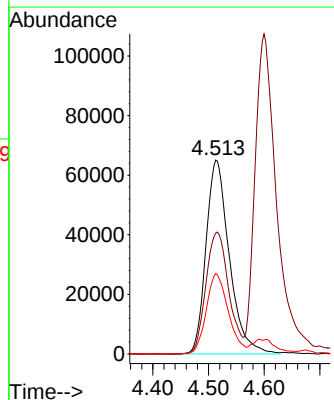
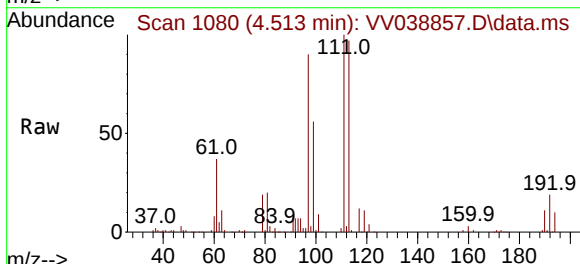
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

Tgt Ion: 56 Resp: 142125
Ion Ratio Lower Upper
56 100
69 41.4 27.0 40.4#
84 91.4 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 19.923 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 97 Resp: 189532
Ion Ratio Lower Upper
97 100
99 61.3 48.8 73.2
61 39.1 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 48.562 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

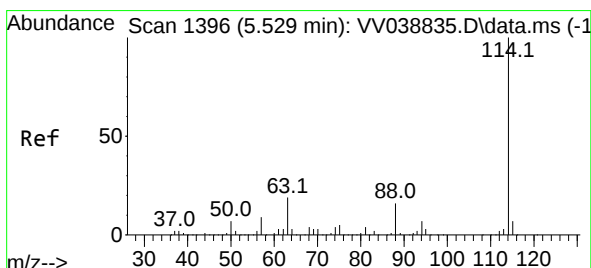
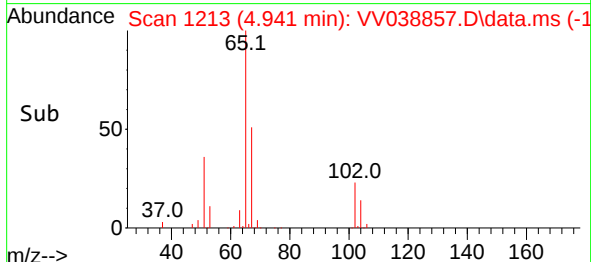
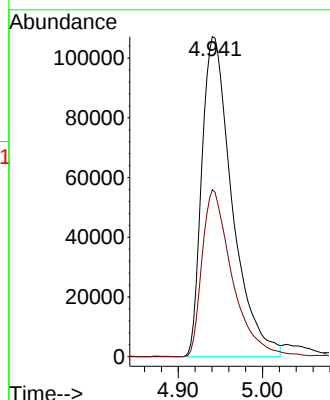
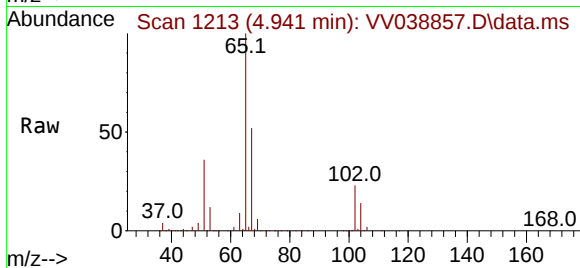
VV0703WBSD01

Tgt Ion: 65 Resp: 267497

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

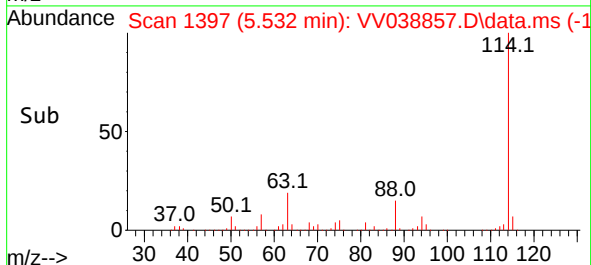
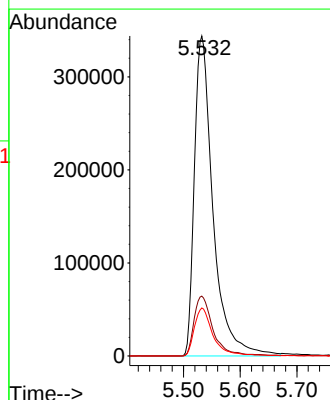
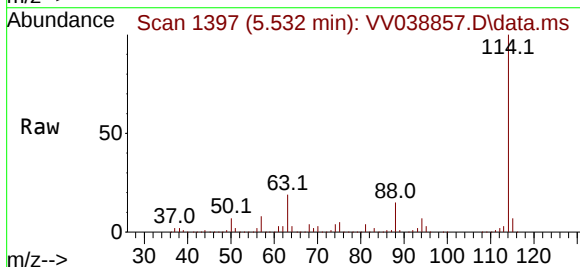
Tgt Ion: 114 Resp: 785828

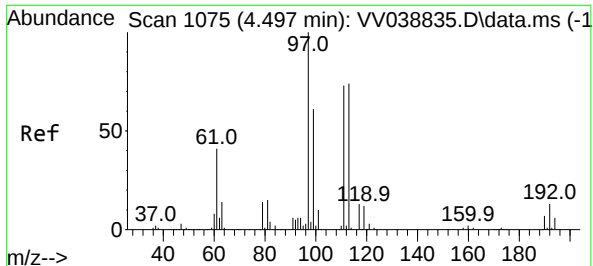
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.0 0.0 31.2

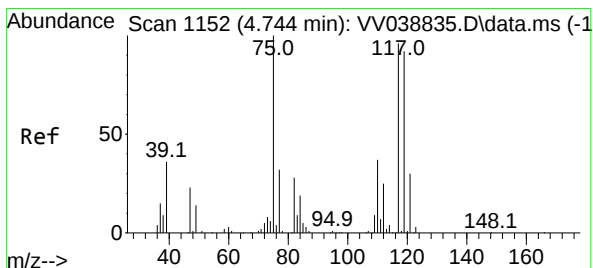
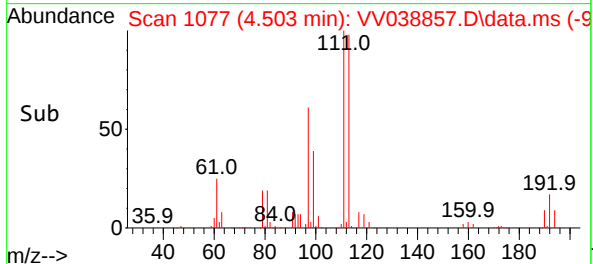
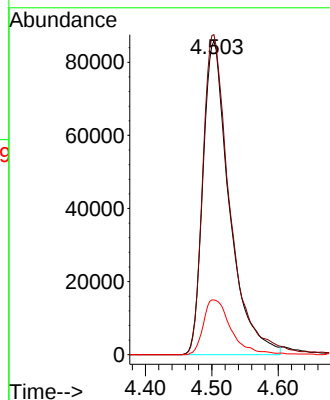
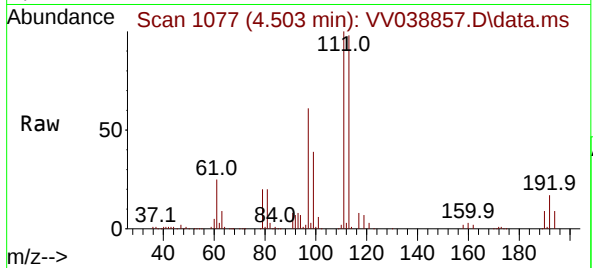




#35
Dibromofluoromethane
Concen: 47.683 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.007 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

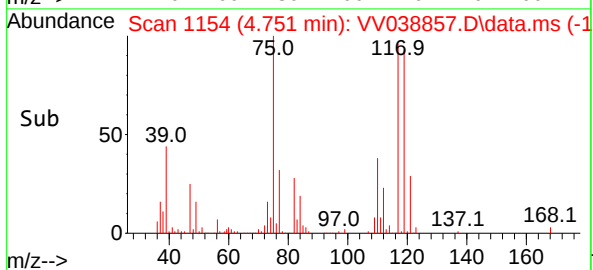
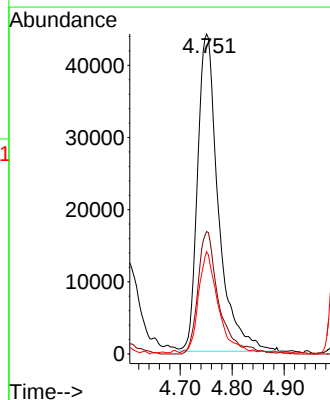
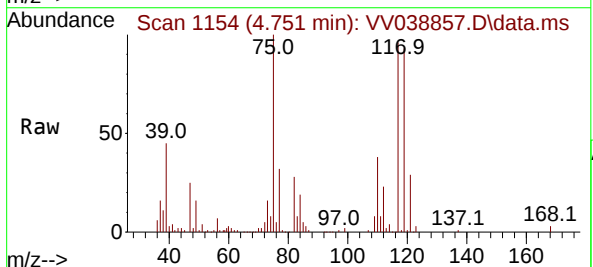
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

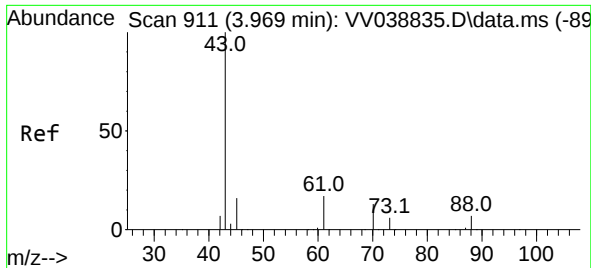
Tgt Ion:113 Resp: 237349
Ion Ratio Lower Upper
113 100
111 104.8 81.5 122.3
192 18.2 14.7 22.1



#36
1,1-Dichloropropene
Concen: 20.318 ug/l
RT: 4.751 min Scan# 1154
Delta R.T. 0.007 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 75 Resp: 122722
Ion Ratio Lower Upper
75 100
110 37.0 19.3 57.9
77 29.7 25.1 37.7

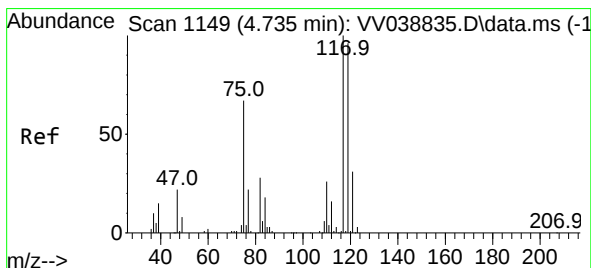
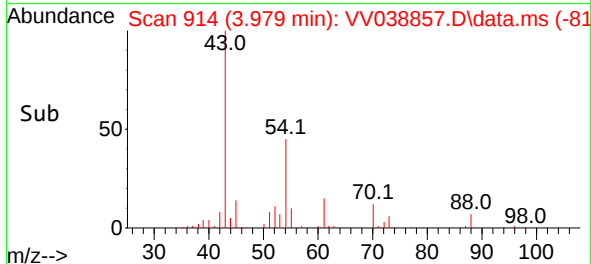
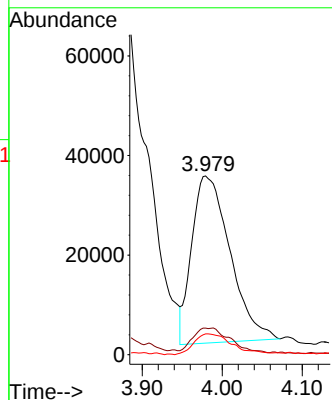
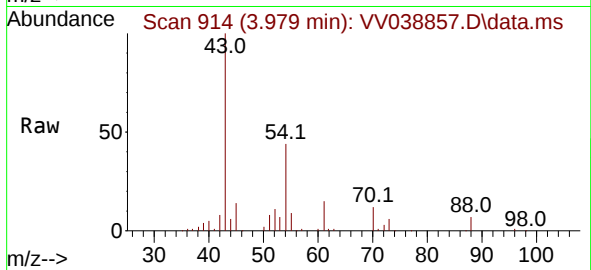




#37
Ethyl Acetate
Concen: 18.091 ug/l
RT: 3.979 min Scan# 911
Delta R.T. 0.010 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

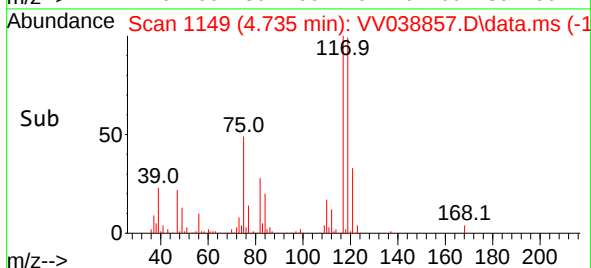
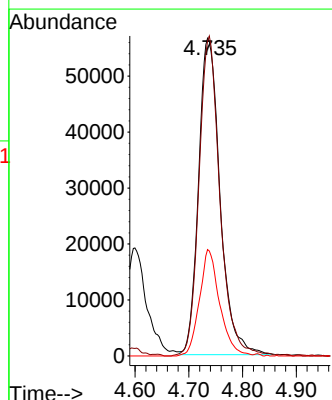
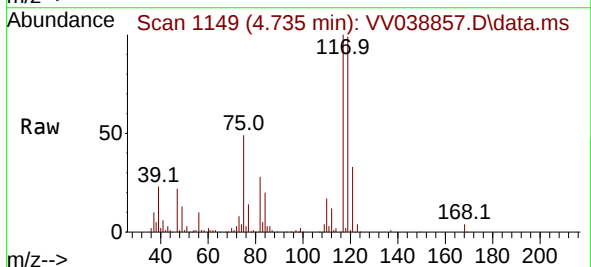
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

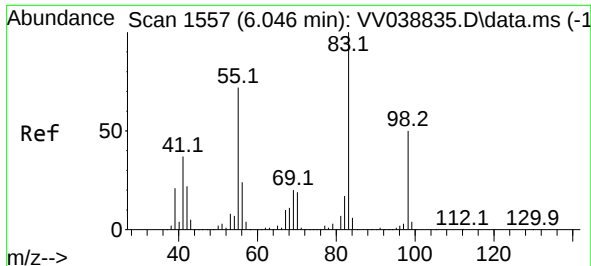
Tgt Ion: 43 Resp: 111497
Ion Ratio Lower Upper
43 100
61 14.2 13.0 19.4
70 12.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 19.803 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 117 Resp: 157438
Ion Ratio Lower Upper
117 100
119 99.2 76.5 114.7
121 33.6 25.0 37.6

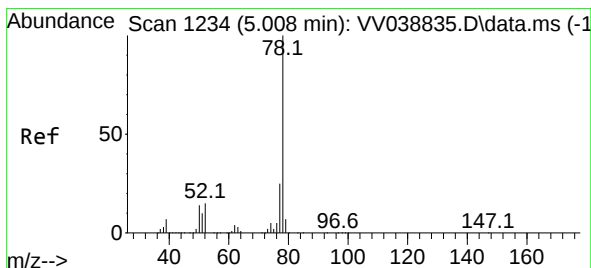
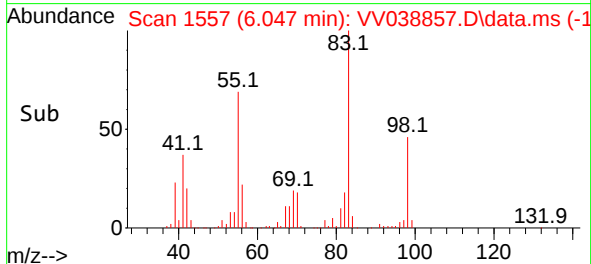
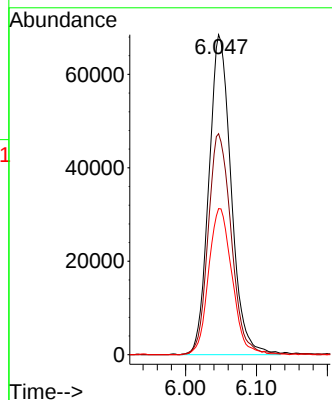
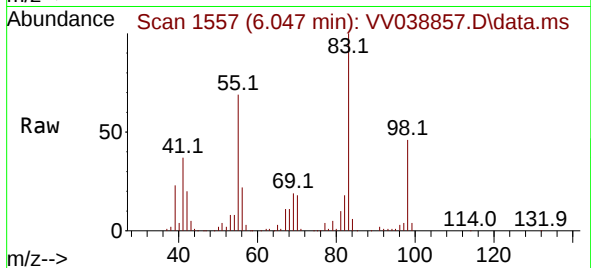




#39
Methylcyclohexane
Concen: 18.971 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

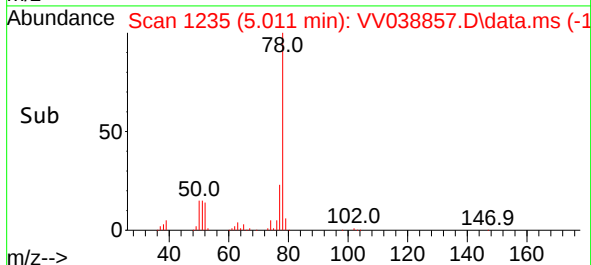
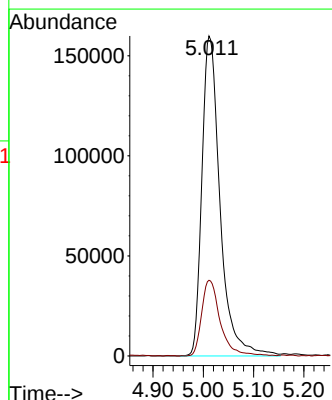
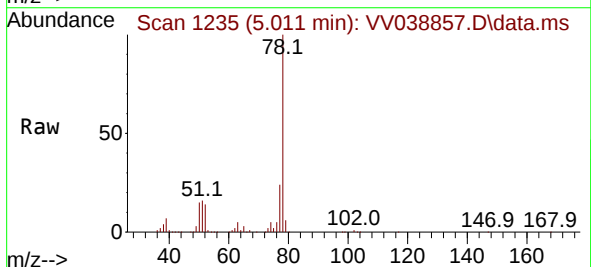
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

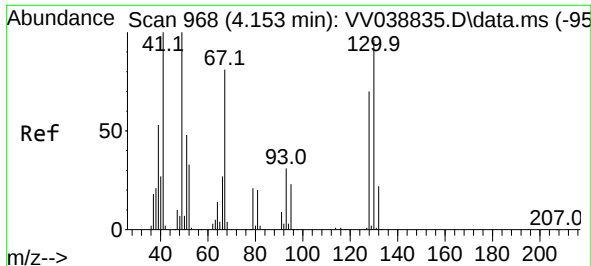
Tgt Ion: 83 Resp: 149822
Ion Ratio Lower Upper
83 100
55 69.0 57.7 86.5
98 45.6 40.2 60.2



#40
Benzene
Concen: 20.102 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 78 Resp: 400938
Ion Ratio Lower Upper
78 100
77 23.6 19.6 29.4



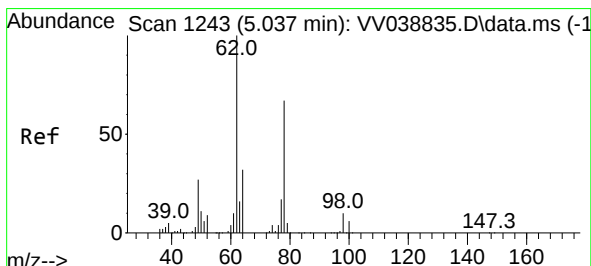
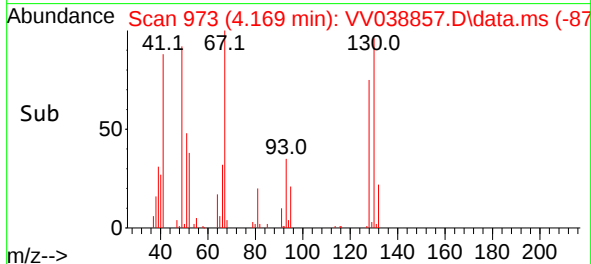
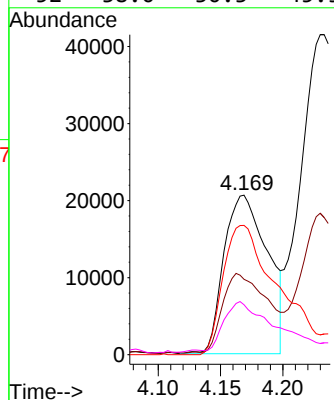
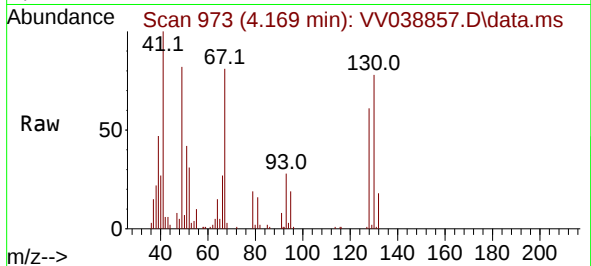


#41
Methacrylonitrile
Concen: 19.520 ug/l
RT: 4.169 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

Tgt Ion: 41 Resp: 50013

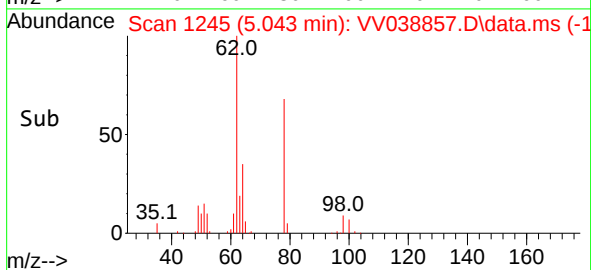
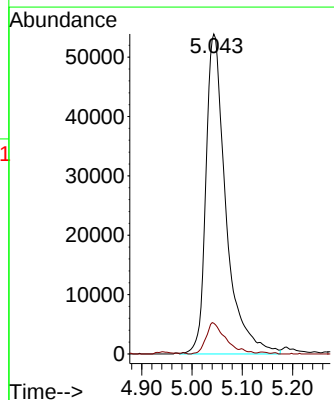
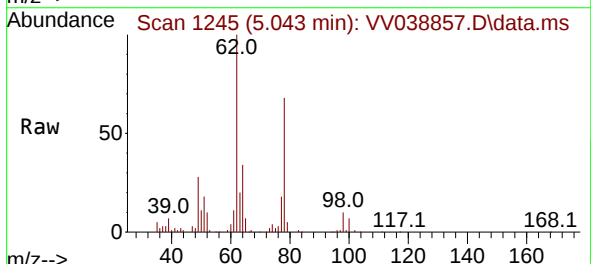
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.8	65.8
67	111.3	78.8	118.2
52	38.0	30.3	45.5

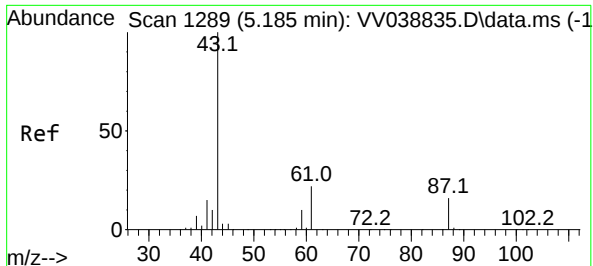


#42
1,2-Dichloroethane
Concen: 21.155 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.007 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 62 Resp: 149383

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.0

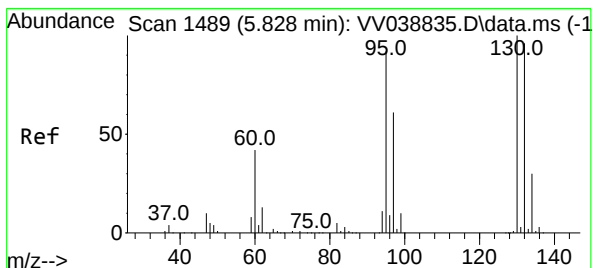
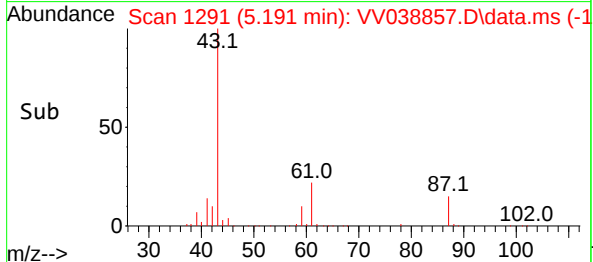
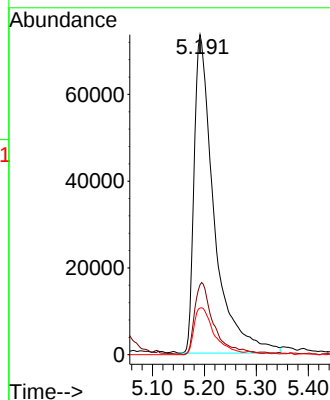
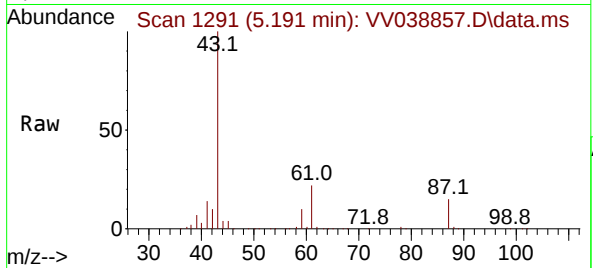




#43
Isopropyl Acetate
Concen: 19.973 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.007 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

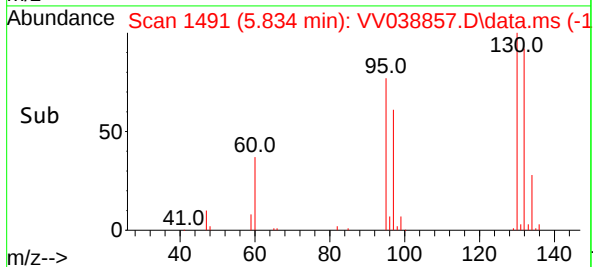
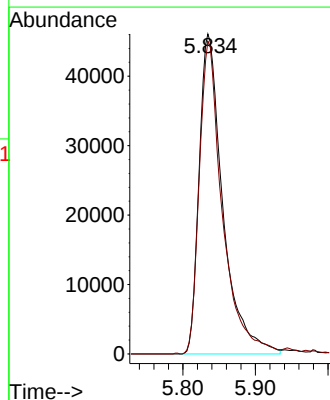
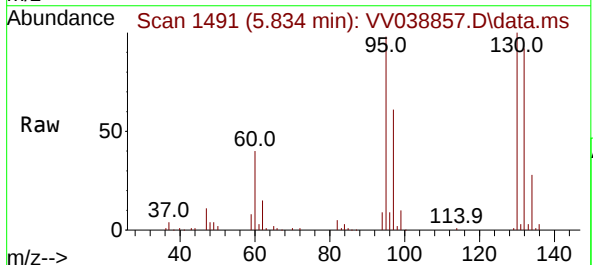
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

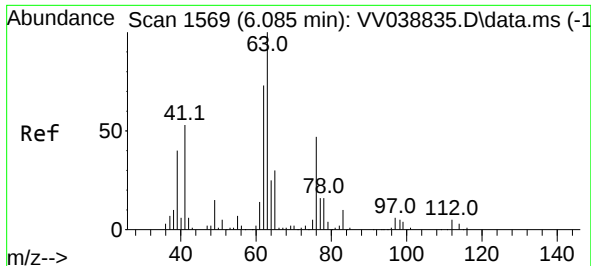
Tgt Ion: 43 Resp: 196380
Ion Ratio Lower Upper
43 100
61 21.7 17.0 25.6
87 14.8 13.0 19.6



#44
Trichloroethene
Concen: 20.081 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.007 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion:130 Resp: 104520
Ion Ratio Lower Upper
130 100
95 97.8 0.0 184.4





#45

1,2-Dichloropropane

Concen: 19.461 ug/l

RT: 6.092 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

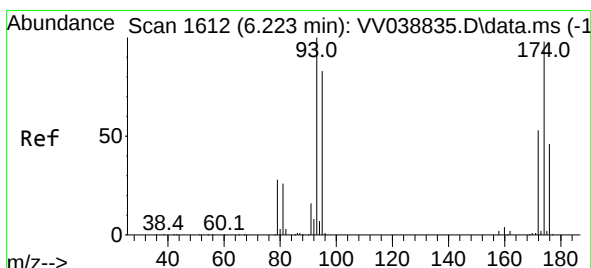
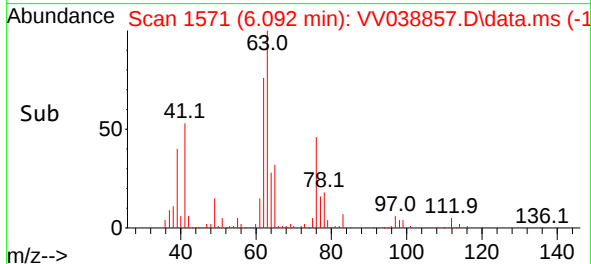
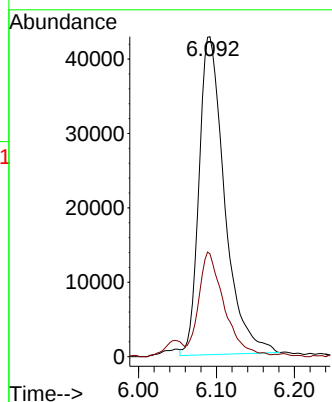
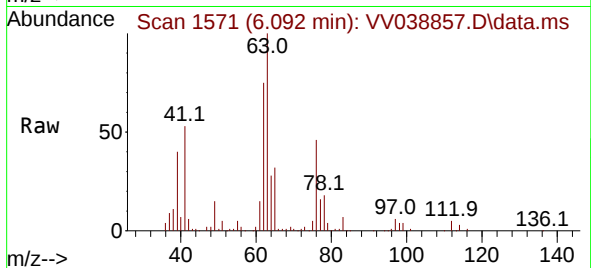
VV0703WBSD01

Tgt Ion: 63 Resp: 97479

Ion Ratio Lower Upper

63 100

65 31.8 24.3 36.5



#46

Dibromomethane

Concen: 19.825 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.007 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

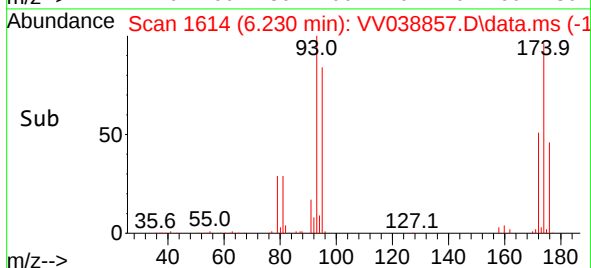
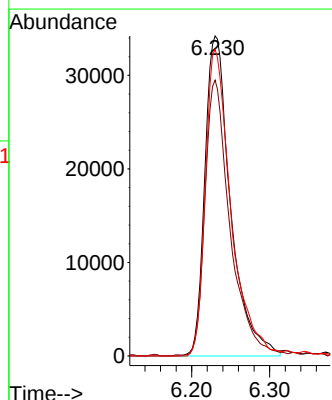
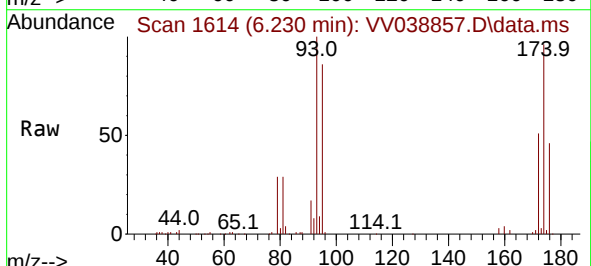
Tgt Ion: 93 Resp: 78311

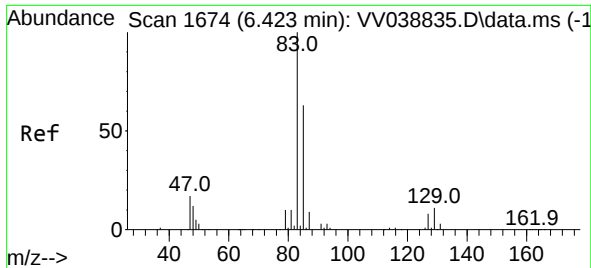
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 95.3 78.7 118.1

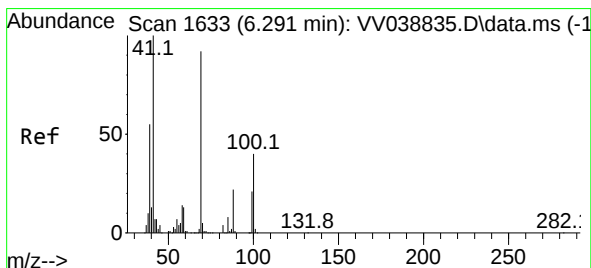
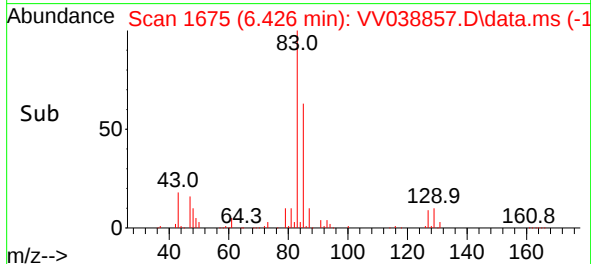
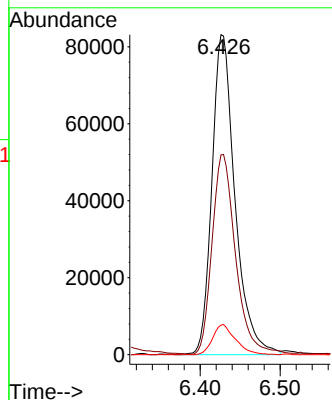
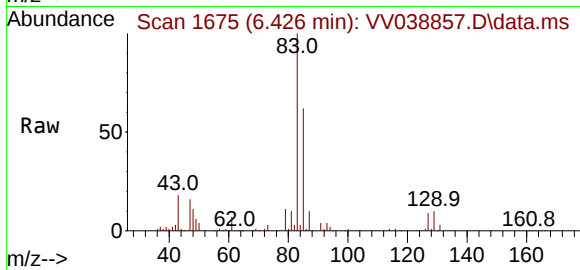




#47
Bromodichloromethane
Concen: 19.944 ug/l
RT: 6.426 min Scan# 1674
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

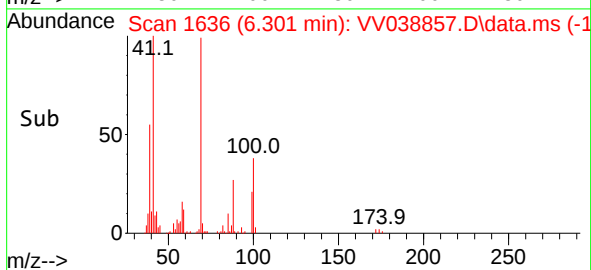
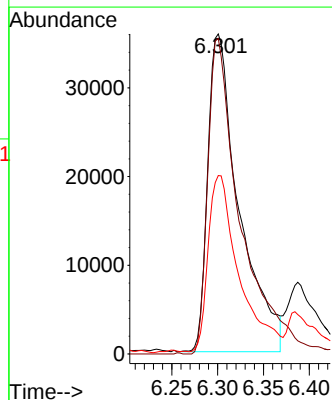
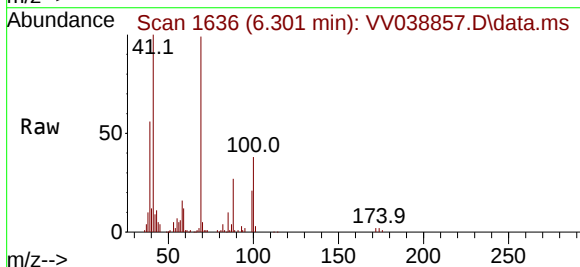
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

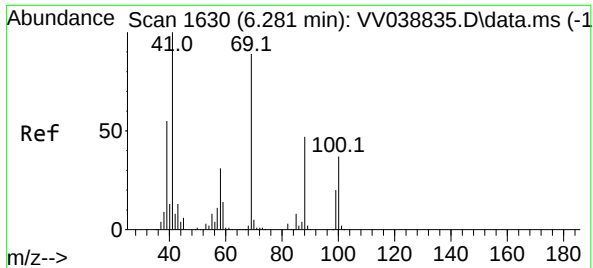
Tgt Ion: 83 Resp: 166816
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 9.3 6.6 10.0



#48
Methyl methacrylate
Concen: 18.233 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.010 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 41 Resp: 85244
Ion Ratio Lower Upper
41 100
69 104.6 77.4 116.2
39 54.4 44.2 66.4

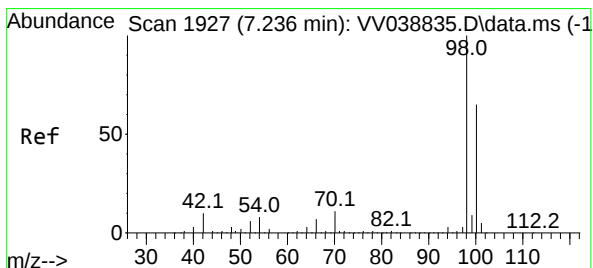
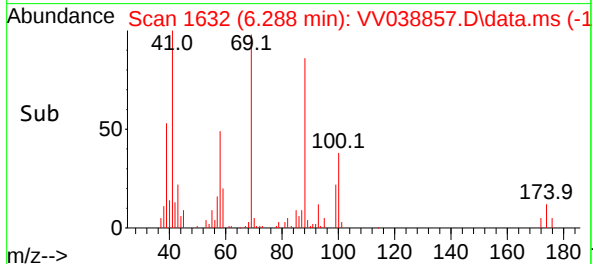
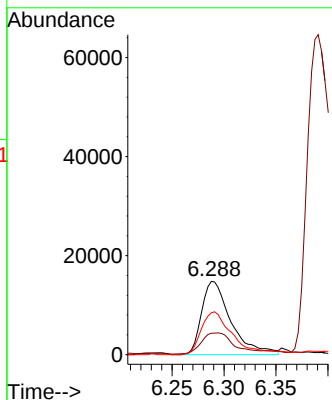
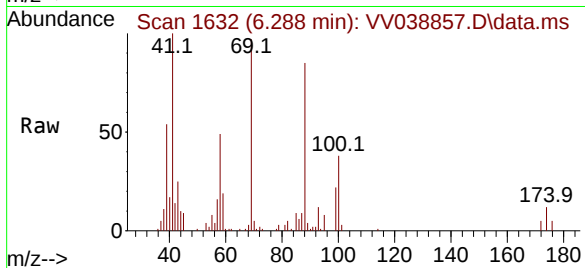




#49
1,4-Dioxane
Concen: 447.249 ug/l
RT: 6.288 min Scan# 1632
Delta R.T. 0.007 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

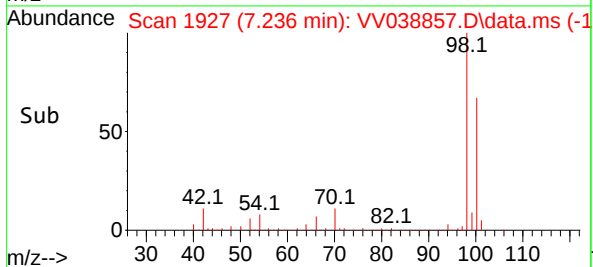
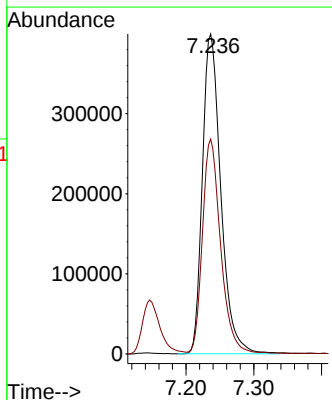
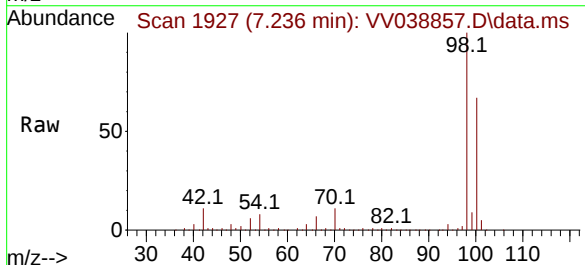
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

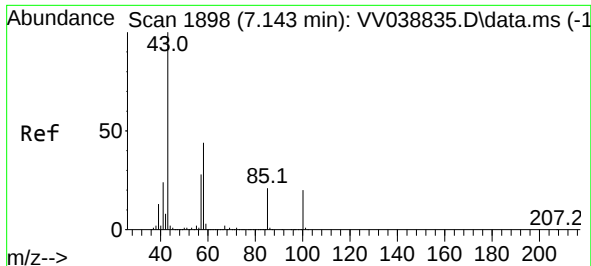
Tgt Ion: 88 Resp: 28984
Ion Ratio Lower Upper
88 100
43 31.9 25.2 37.8
58 64.2 52.1 78.1



#50
Toluene-d8
Concen: 46.856 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 98 Resp: 754596
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

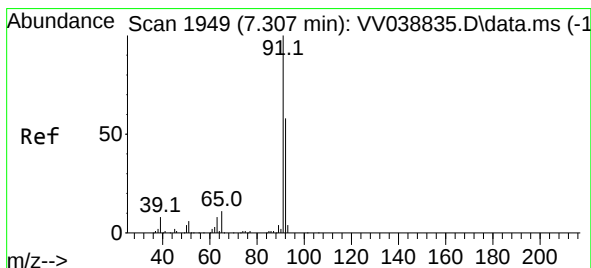
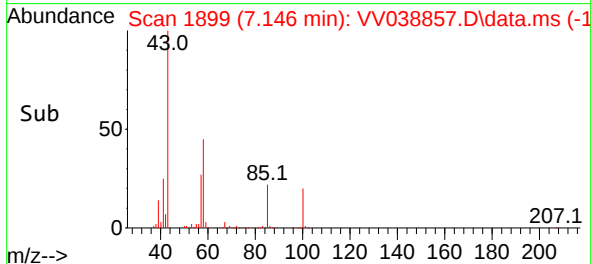
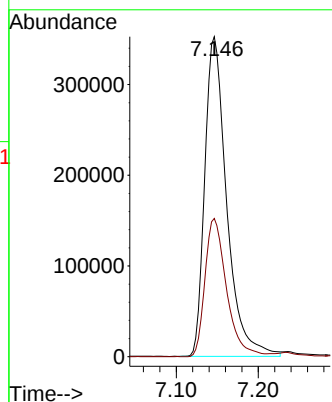
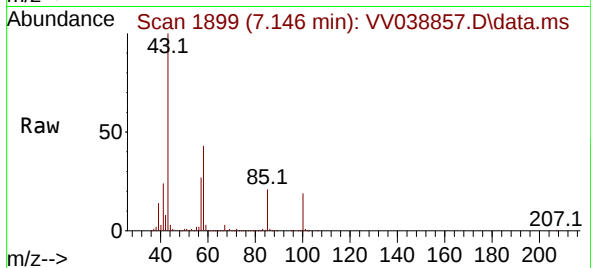




#51
4-Methyl-2-Pentanone
Concen: 105.471 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

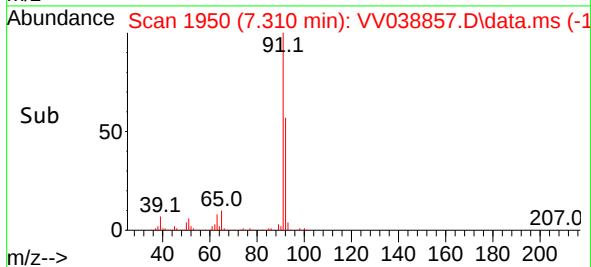
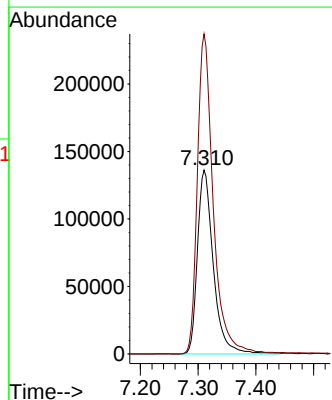
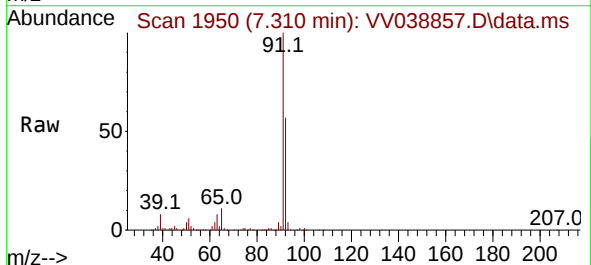
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

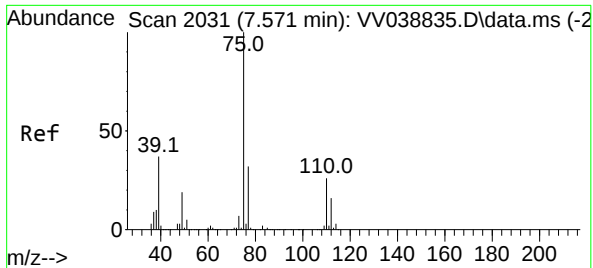
Tgt Ion: 43 Resp: 654417
Ion Ratio Lower Upper
43 100
58 42.5 34.4 51.6



#52
Toluene
Concen: 20.879 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 92 Resp: 260175
Ion Ratio Lower Upper
92 100
91 173.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 19.972 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.007 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

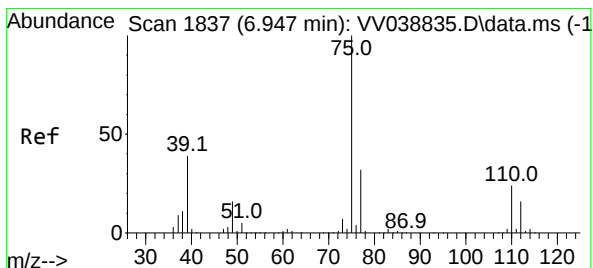
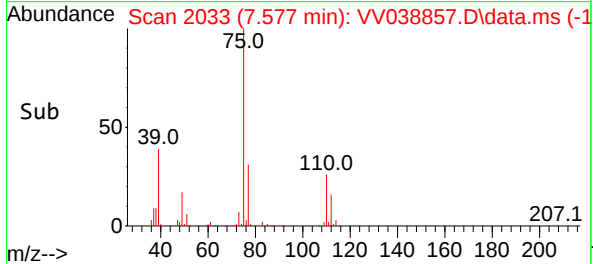
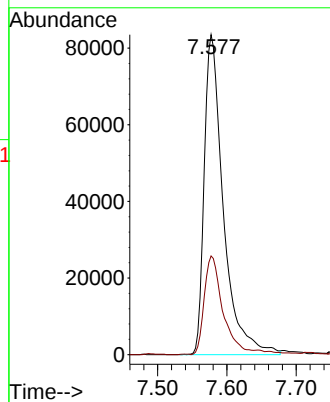
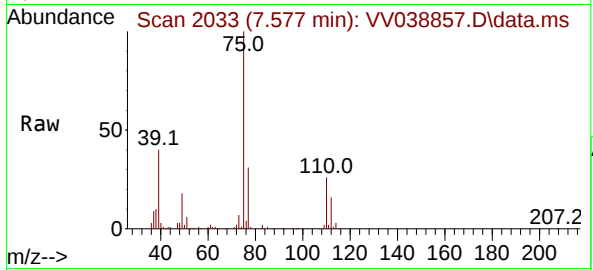
VV0703WBSD01

Tgt Ion: 75 Resp: 159926

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.777 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

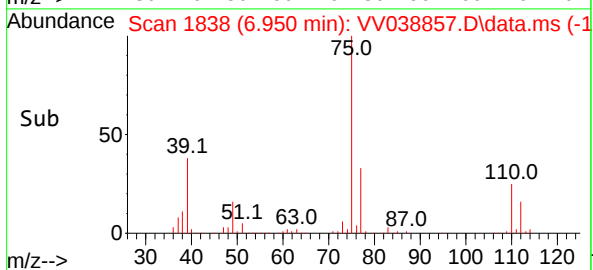
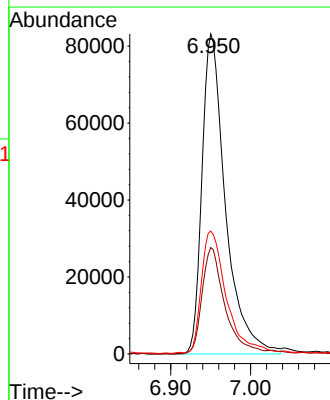
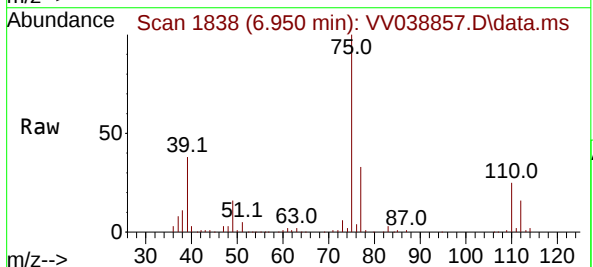
Tgt Ion: 75 Resp: 170110

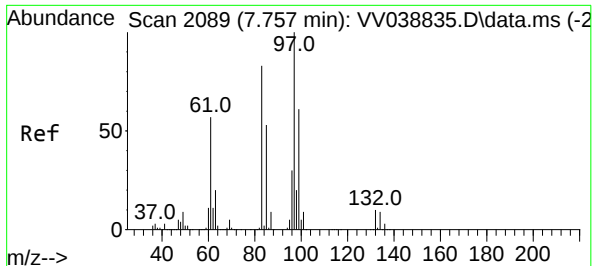
Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.8

39 37.9 31.3 46.9

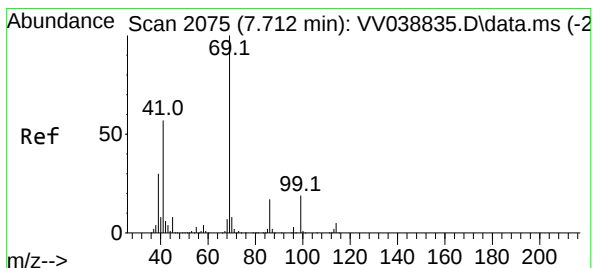
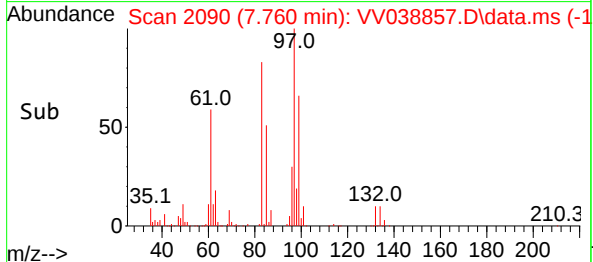
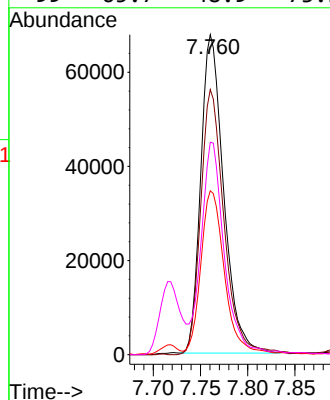
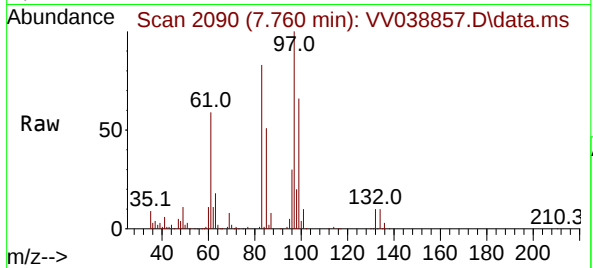




#55
1,1,2-Trichloroethane
Concen: 20.904 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

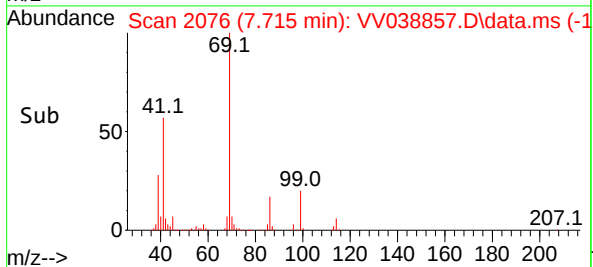
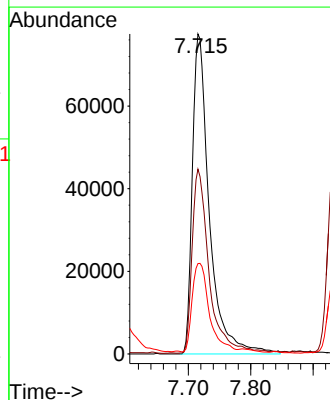
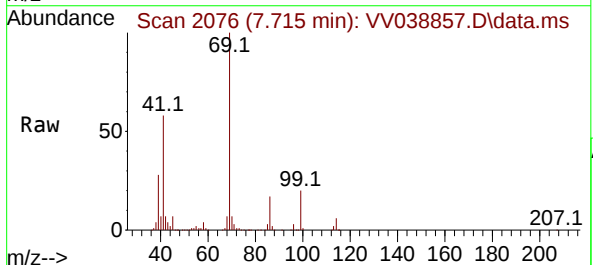
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

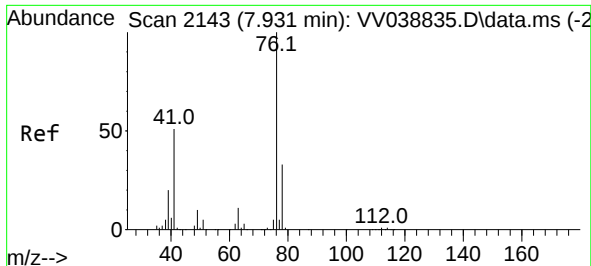
Tgt Ion: 97	Resp: 113910
Ion Ratio	Lower Upper
97 100	
83 83.0	66.2 99.4
85 50.8	42.2 63.4
99 65.7	48.9 73.3



#56
Ethyl methacrylate
Concen: 20.402 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 69	Resp: 146252
Ion Ratio	Lower Upper
69 100	
41 57.5	46.1 69.1
39 27.9	24.1 36.1

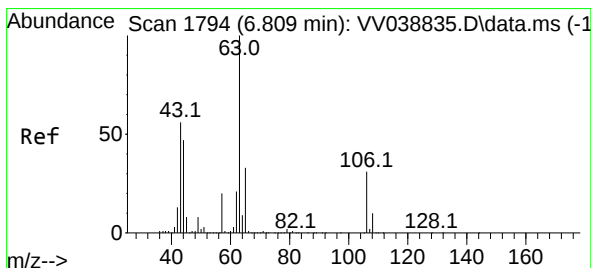
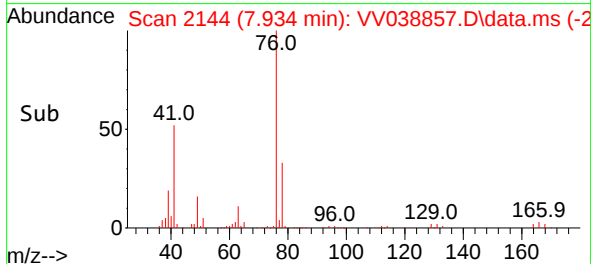
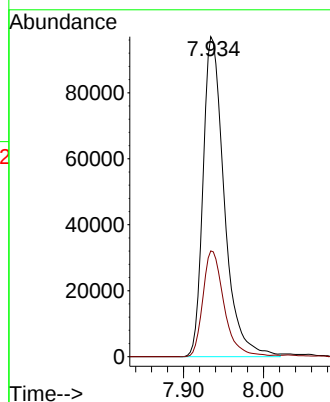
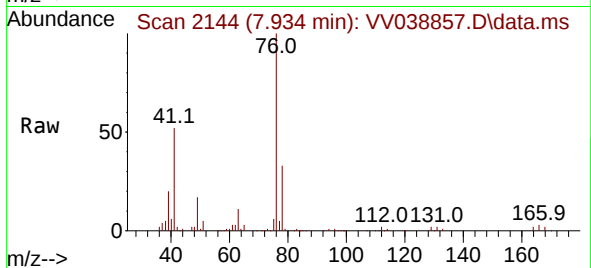




#57
1,3-Dichloropropane
Concen: 20.876 ug/l
RT: 7.934 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

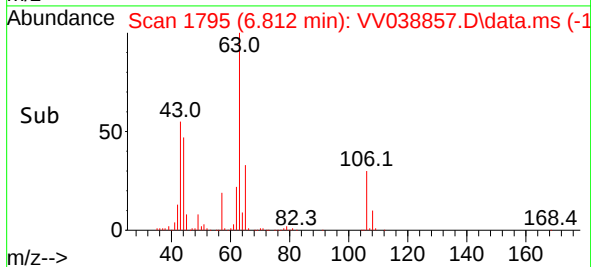
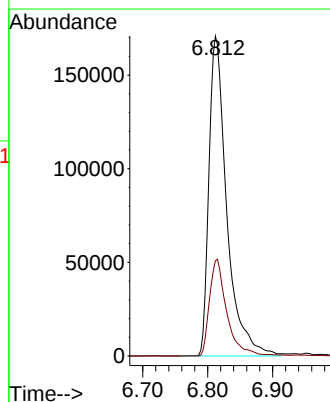
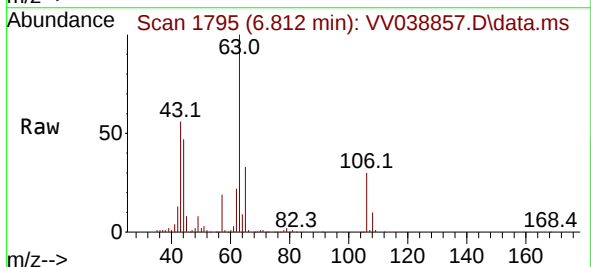
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

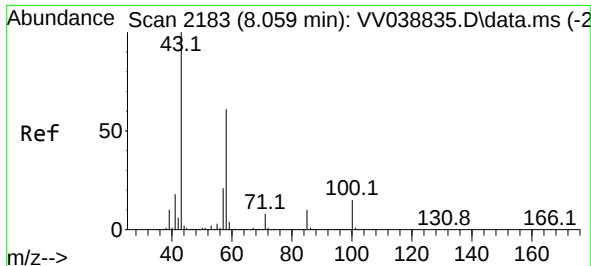
Tgt Ion: 76 Resp: 179203
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 100.089 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 63 Resp: 325799
Ion Ratio Lower Upper
63 100
106 29.5 24.6 37.0

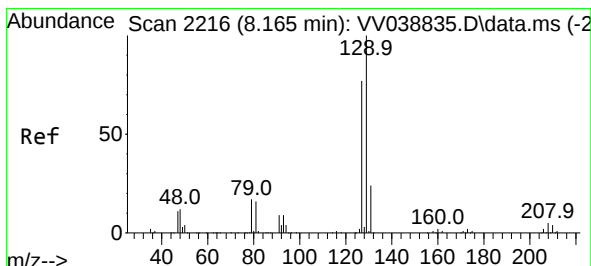
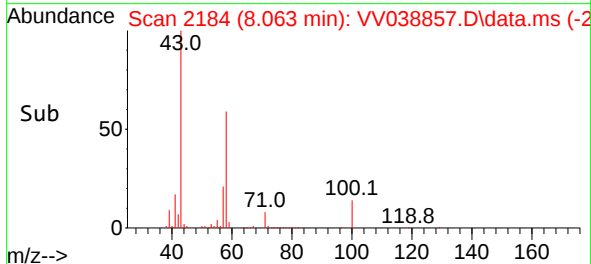
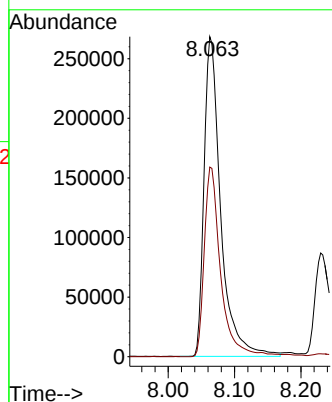
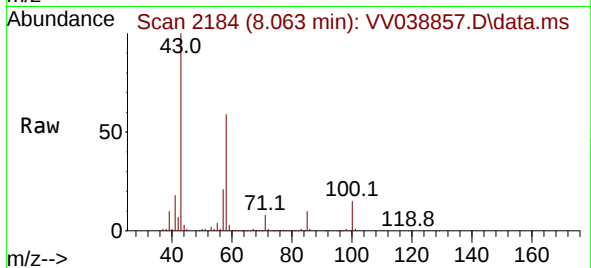




#59
2-Hexanone
Concen: 106.843 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

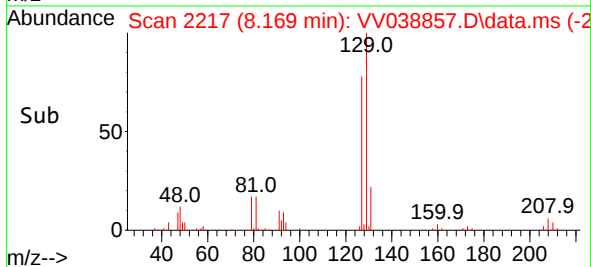
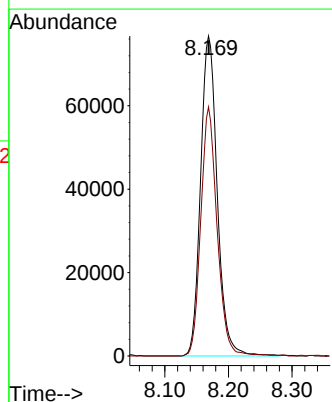
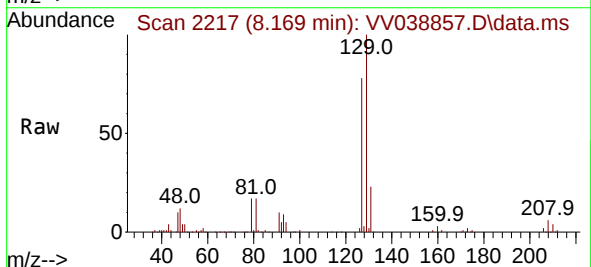
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

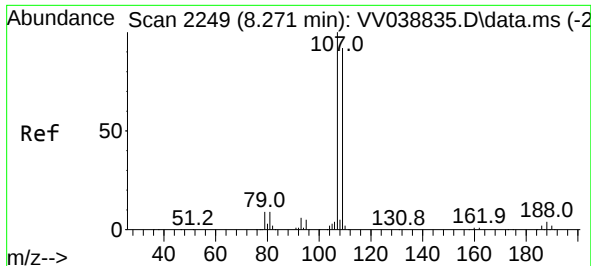
Tgt Ion: 43 Resp: 467580
Ion Ratio Lower Upper
43 100
58 59.2 30.3 91.0



#60
Dibromochloromethane
Concen: 20.363 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 129 Resp: 139710
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6

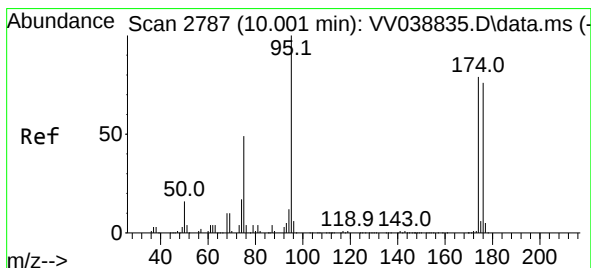
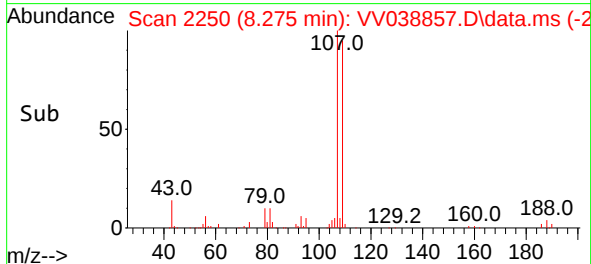
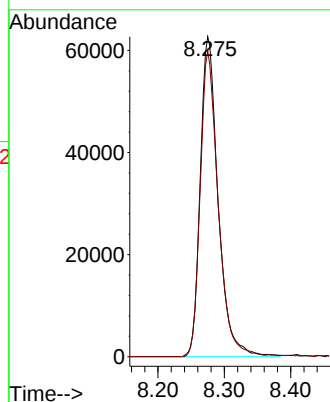
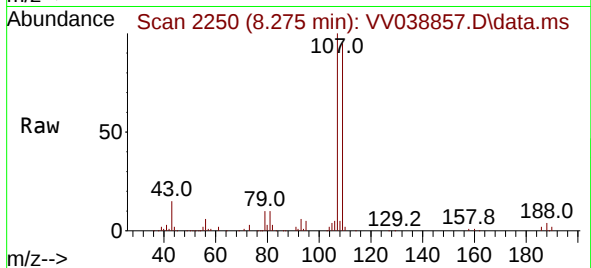




#61
1,2-Dibromoethane
Concen: 20.818 ug/l
RT: 8.275 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

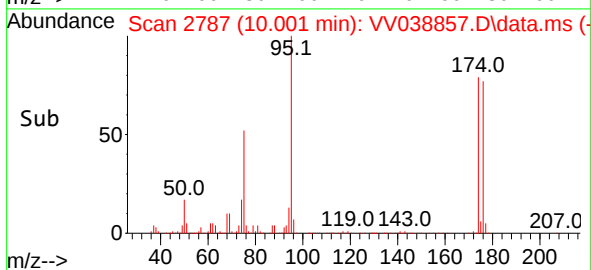
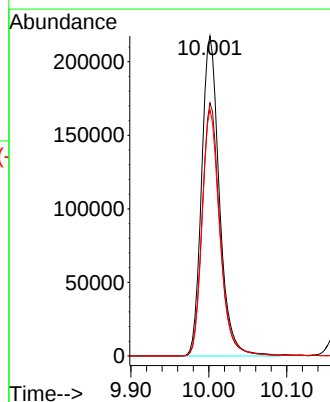
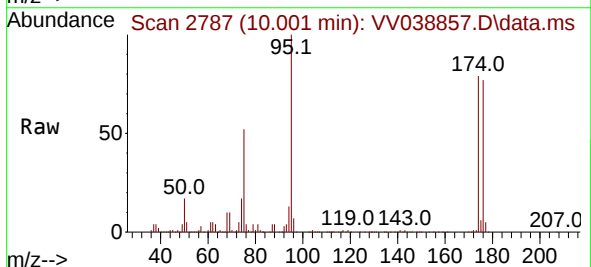
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

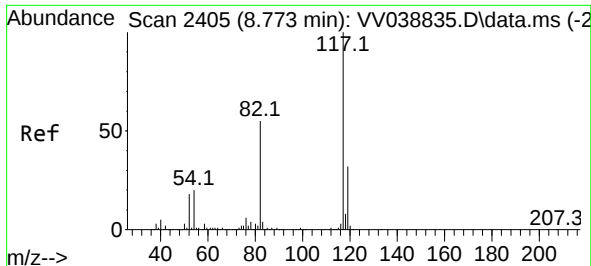
Tgt Ion:107 Resp: 117360
Ion Ratio Lower Upper
107 100
109 95.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.806 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 95 Resp: 343579
Ion Ratio Lower Upper
95 100
174 79.3 0.0 158.2
176 76.5 0.0 154.4

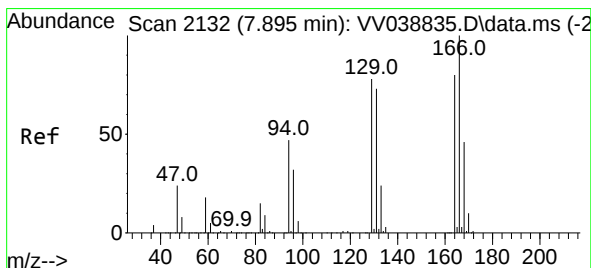
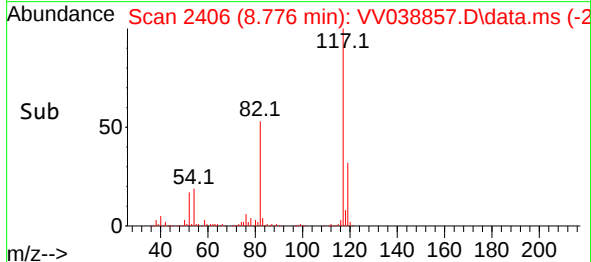
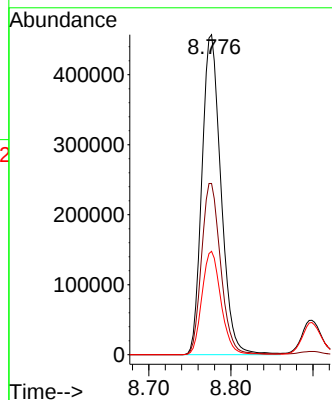
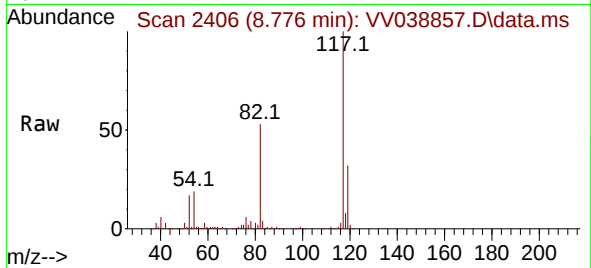




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

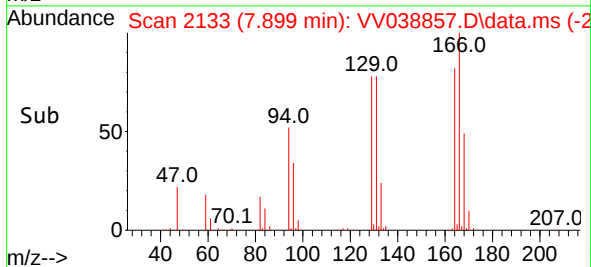
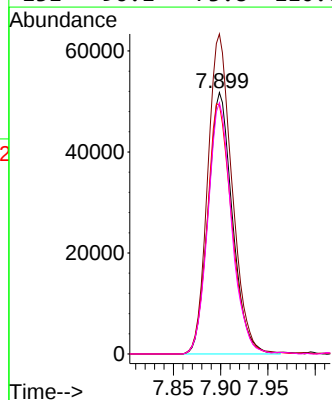
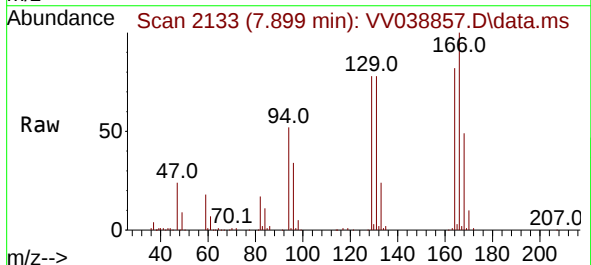
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

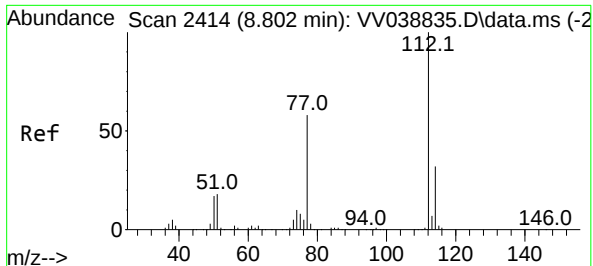
Tgt Ion:	117	Resp:	739050
Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.2	66.4
119	32.3	25.5	38.3



#64
Tetrachloroethene
Concen: 19.470 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion:	164	Resp:	92533
Ion	Ratio	Lower	Upper
164	100		
166	122.4	100.6	151.0
129	95.4	78.4	117.6
131	96.1	73.8	110.6

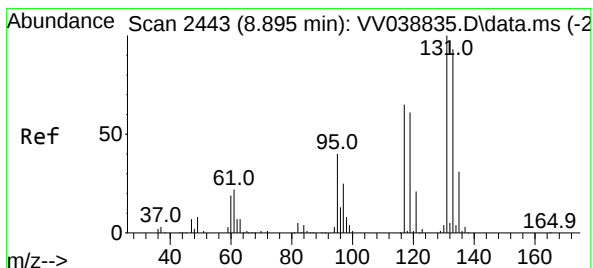
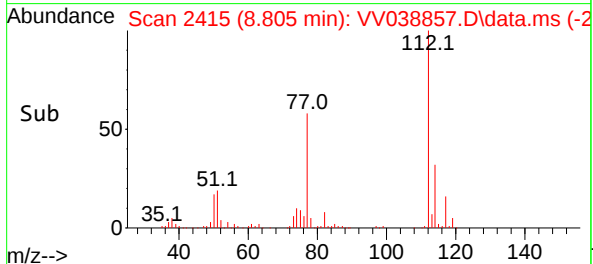
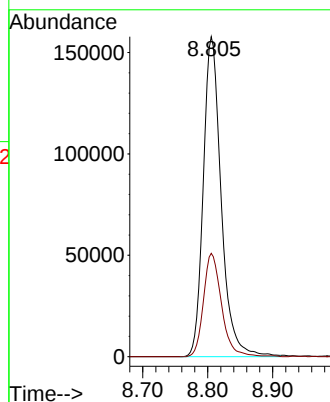
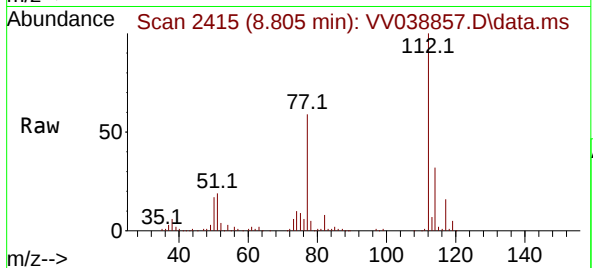




#65
Chlorobenzene
Concen: 19.476 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

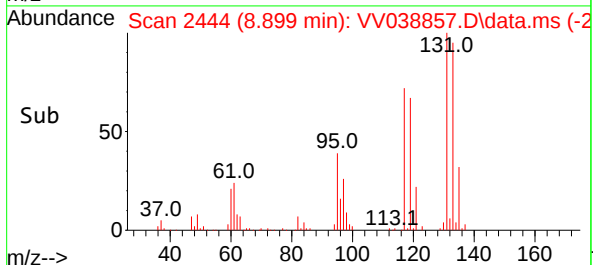
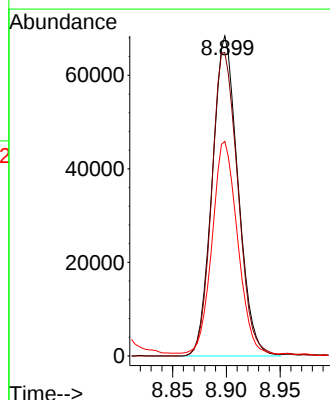
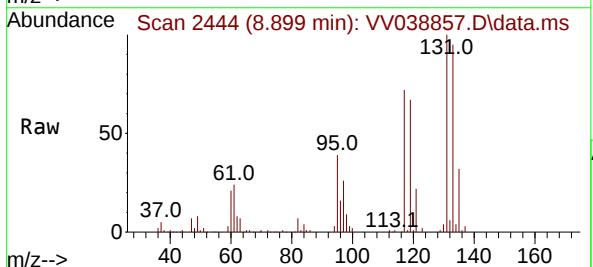
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

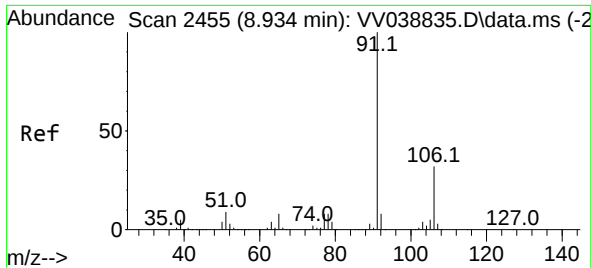
Tgt Ion:112 Resp: 303344
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.639 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion:131 Resp: 114218
Ion Ratio Lower Upper
131 100
133 96.4 47.3 142.0
119 65.6 31.0 93.0





#67

Ethyl Benzene

Concen: 19.586 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

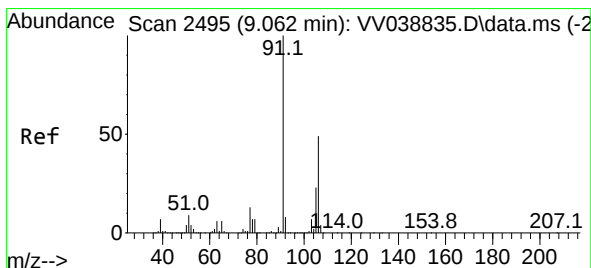
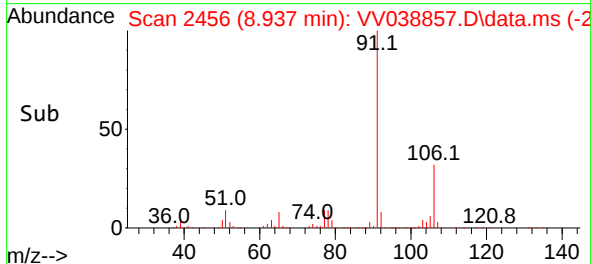
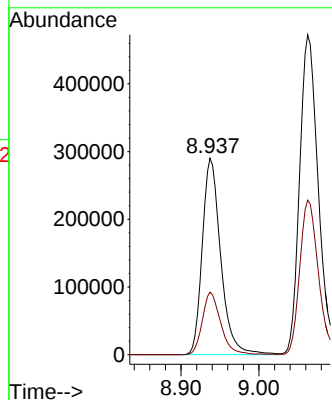
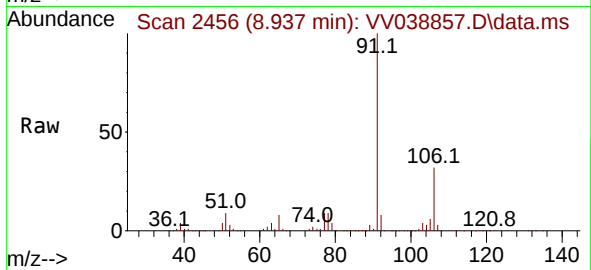
VV0703WBSD01

Tgt Ion: 91 Resp: 477932

Ion Ratio Lower Upper

91 100

106 31.8 25.2 37.8



#68

m/p-Xylenes

Concen: 41.159 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038857.D

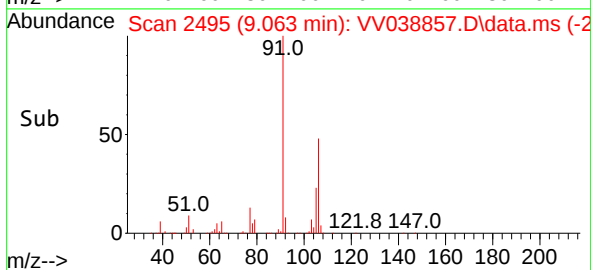
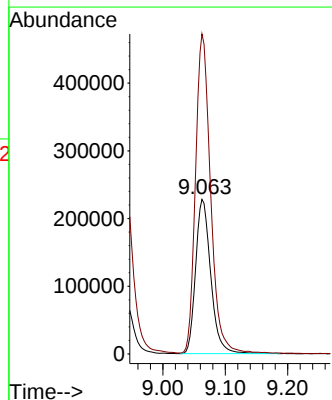
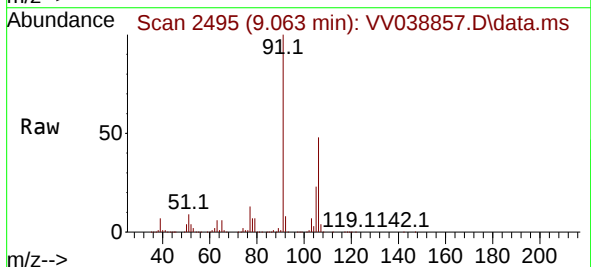
Acq: 03 Jul 2025 13:28

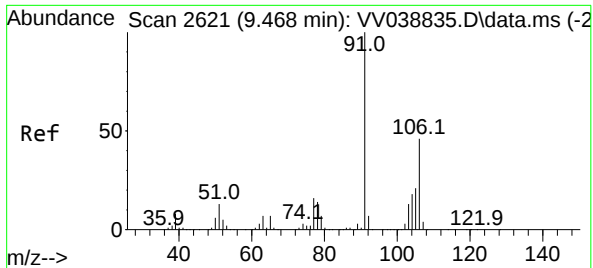
Tgt Ion:106 Resp: 384692

Ion Ratio Lower Upper

106 100

91 206.6 162.9 244.3

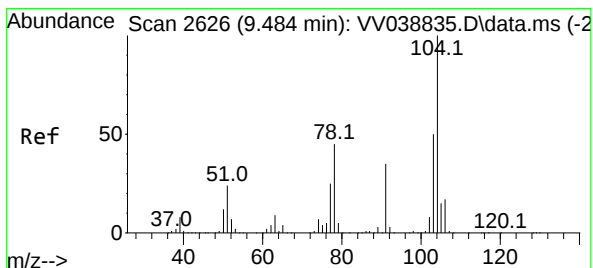
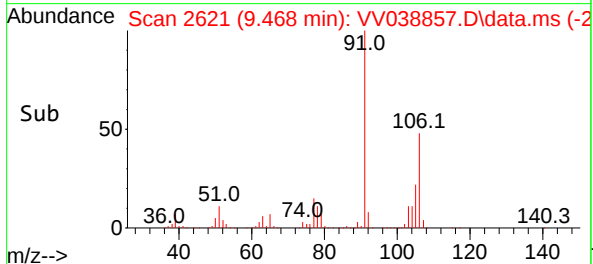
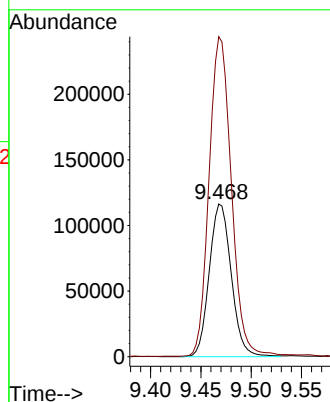
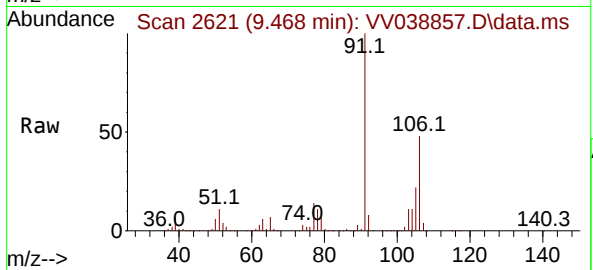




#69
o-Xylene
Concen: 19.837 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

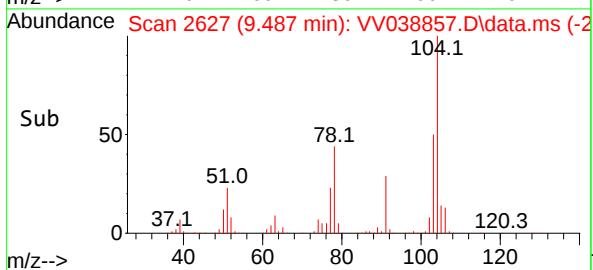
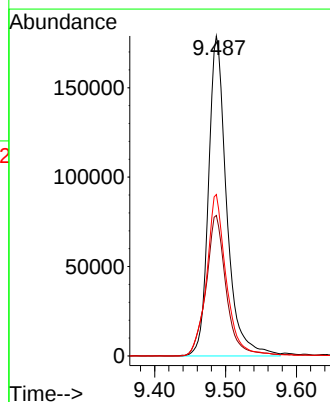
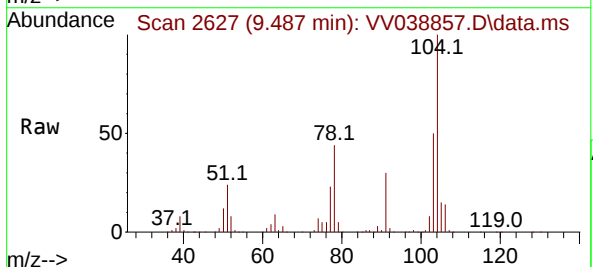
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

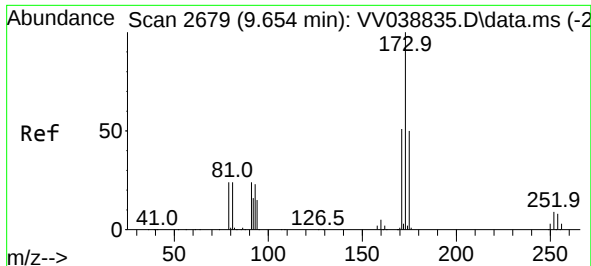
Tgt Ion:106 Resp: 177140
Ion Ratio Lower Upper
106 100
91 212.7 107.6 322.8



#70
Styrene
Concen: 20.441 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion:104 Resp: 318704
Ion Ratio Lower Upper
104 100
78 49.2 39.9 59.9
103 54.9 43.4 65.0

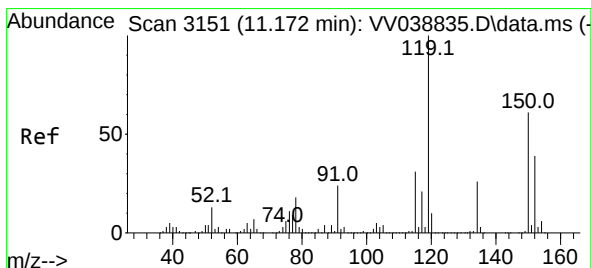
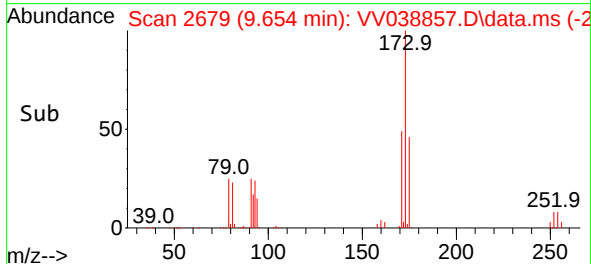
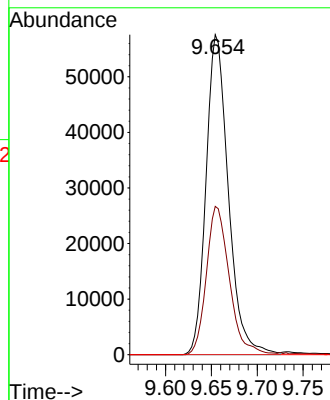
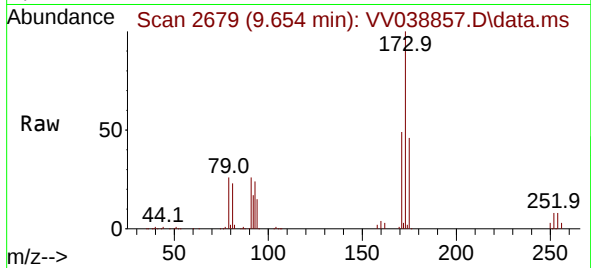




#71
Bromoform
Concen: 20.624 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

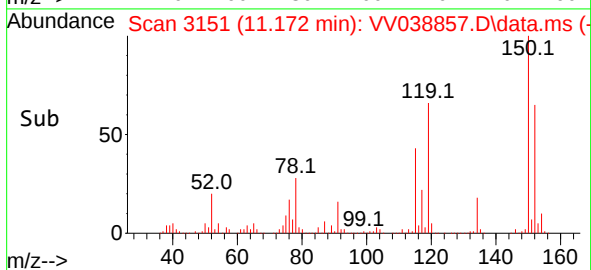
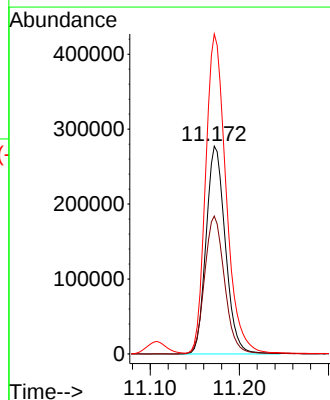
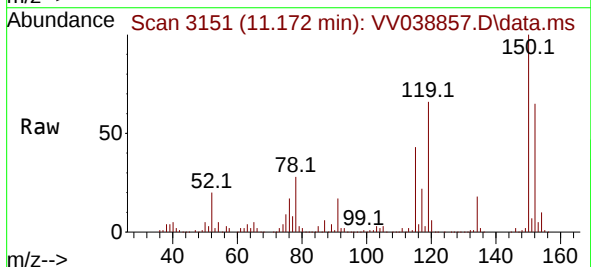
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

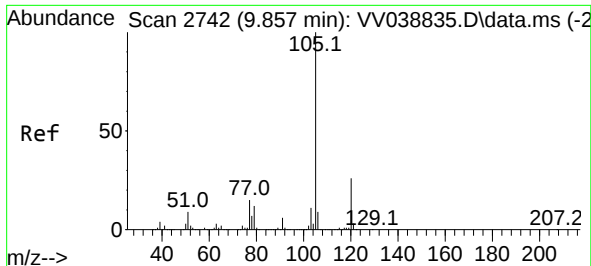
Tgt Ion:173 Resp: 97470
Ion Ratio Lower Upper
173 100
175 47.7 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion:152 Resp: 416000
Ion Ratio Lower Upper
152 100
115 68.7 42.0 126.0
150 163.3 0.0 343.6

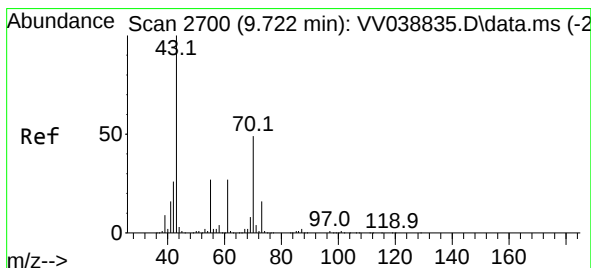
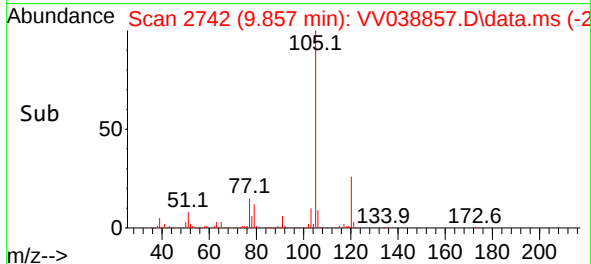
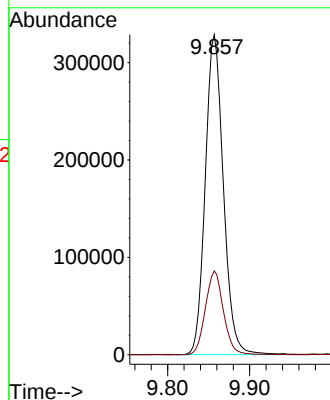
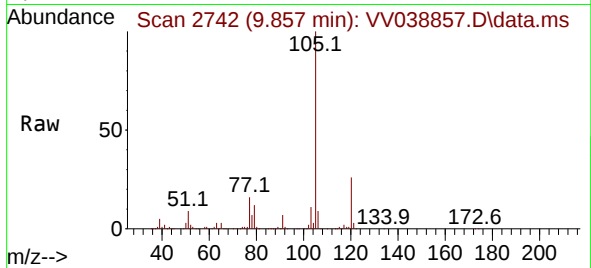




#73
Isopropylbenzene
Concen: 20.632 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

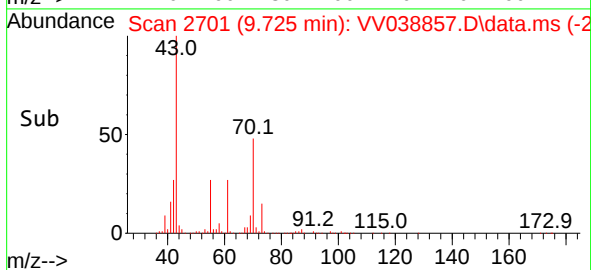
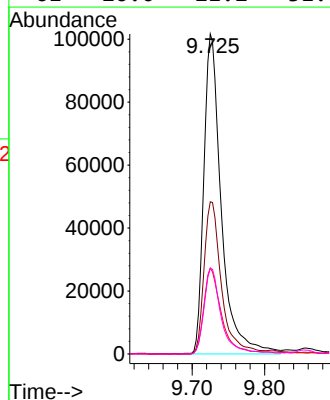
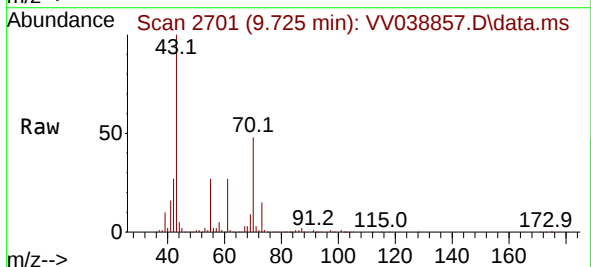
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

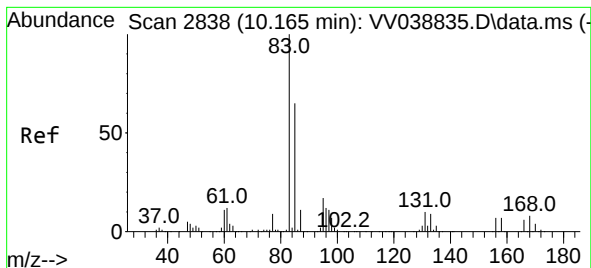
Tgt Ion:105 Resp: 503716
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#74
N-ethyl acetate
Concen: 19.955 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 43 Resp: 170525
Ion Ratio Lower Upper
43 100
70 47.4 39.7 59.5
55 27.3 22.1 33.1
61 26.0 21.2 31.8

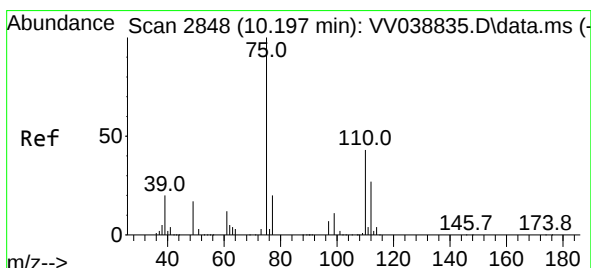
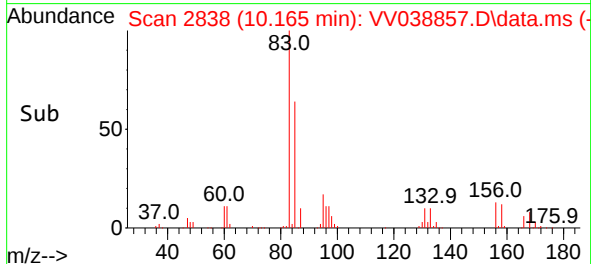
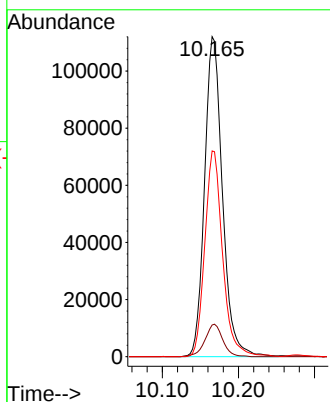
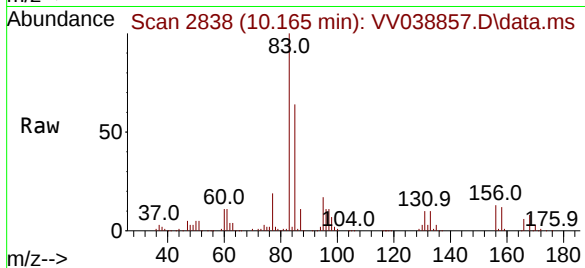




#75
1,1,2,2-Tetrachloroethane
Concen: 20.721 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

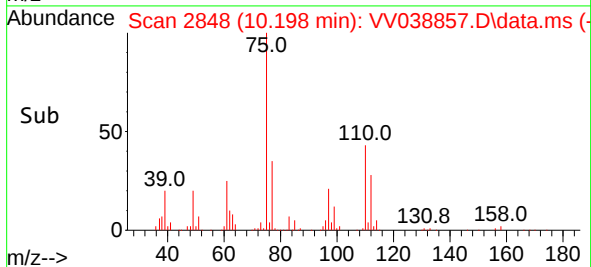
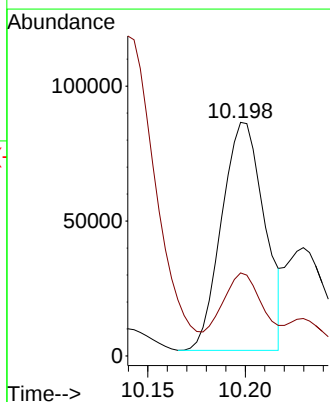
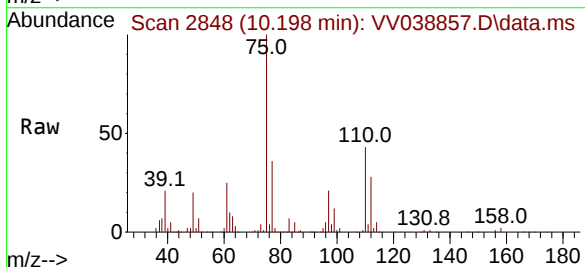
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

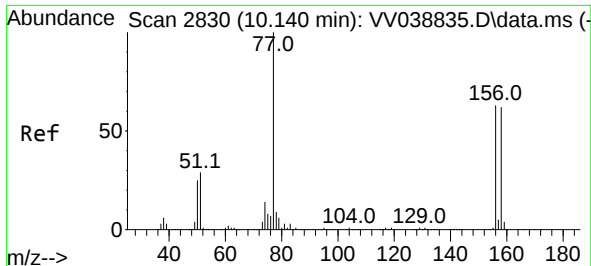
Tgt Ion: 83 Resp: 183392
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.0 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 20.059 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 75 Resp: 129106
Ion Ratio Lower Upper
75 100
77 22.4 11.7 35.1

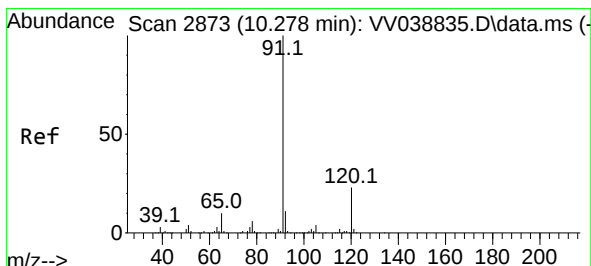
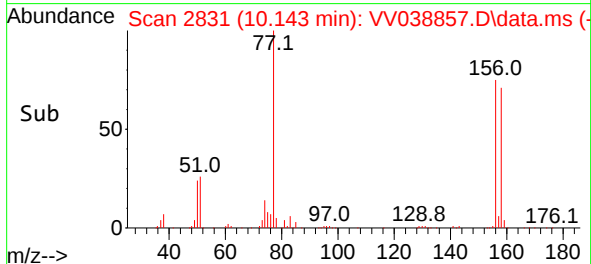
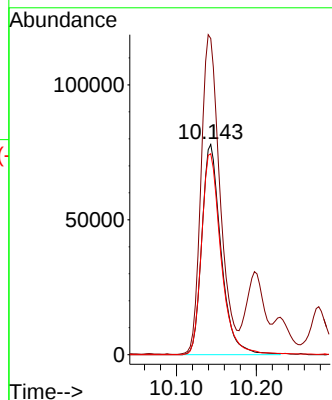
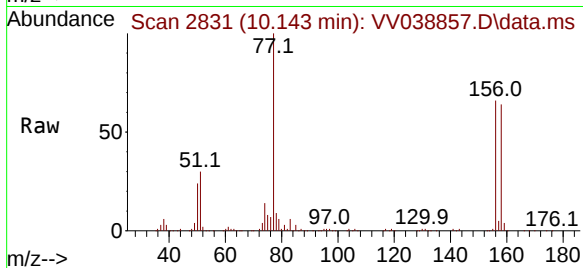




#77
Bromobenzene
Concen: 20.659 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

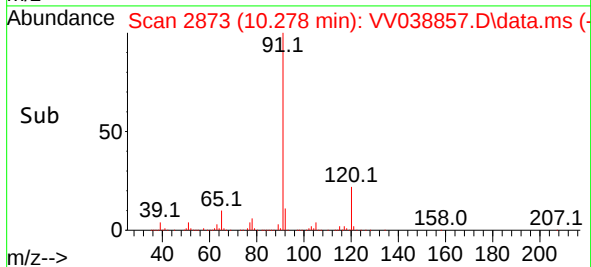
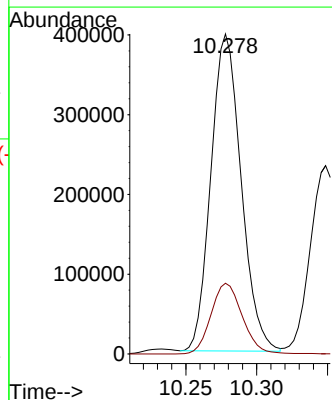
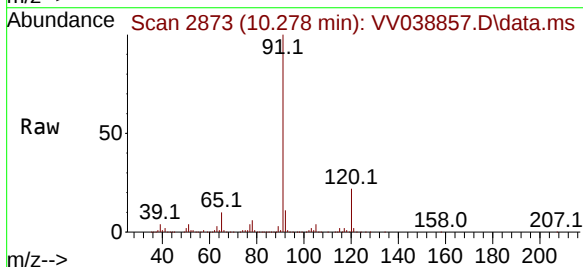
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

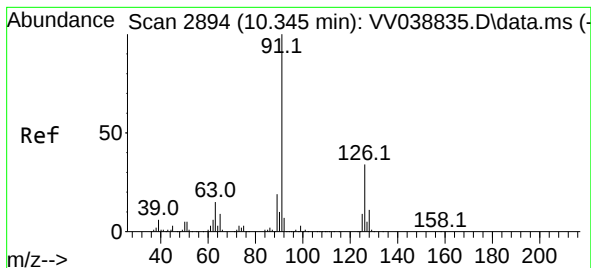
Tgt Ion:156 Resp: 130115
Ion Ratio Lower Upper
156 100
77 150.2 77.0 230.8
158 97.7 48.8 146.3



#78
n-propylbenzene
Concen: 20.287 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 91 Resp: 589426
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.0





#79

2-Chlorotoluene

Concen: 21.007 ug/l

RT: 10.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

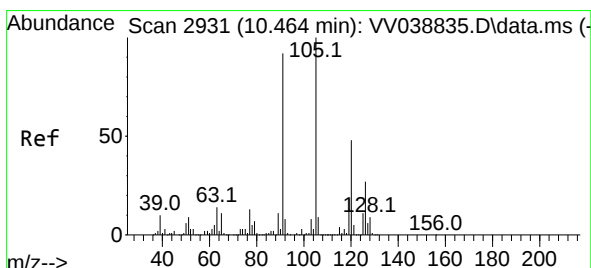
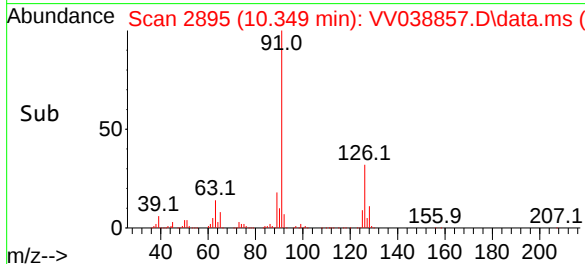
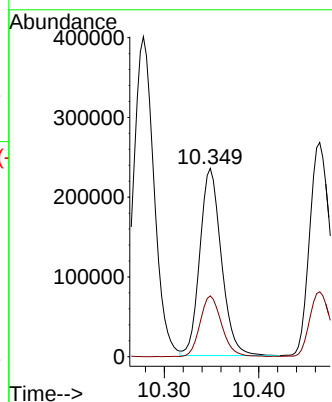
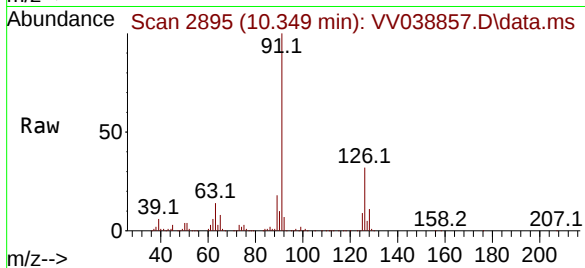
VV0703WBSD01

Tgt Ion: 91 Resp: 370657

Ion Ratio Lower Upper

91 100

126 32.8 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 20.669 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV038857.D

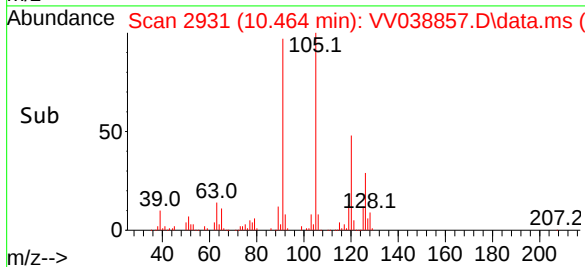
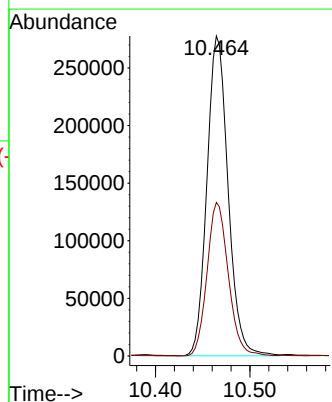
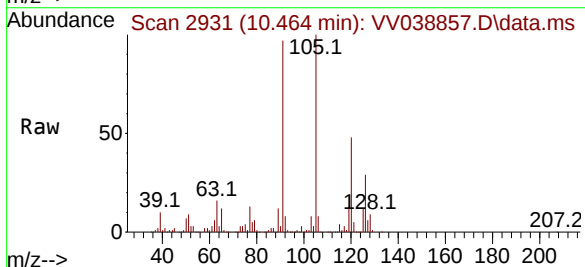
Acq: 03 Jul 2025 13:28

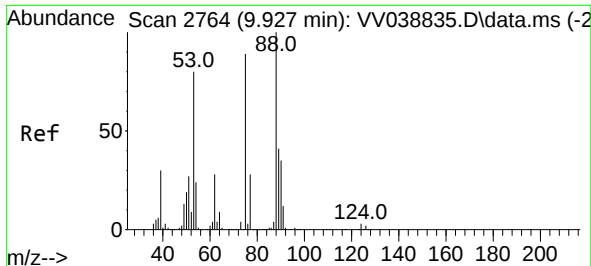
Tgt Ion:105 Resp: 431457

Ion Ratio Lower Upper

105 100

120 48.2 23.9 71.7

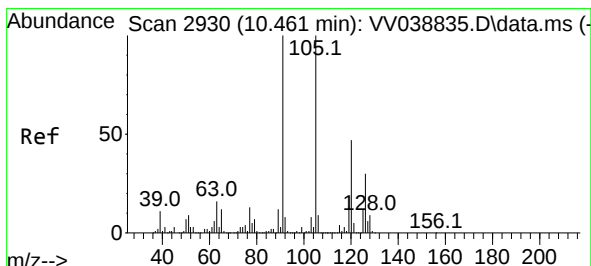
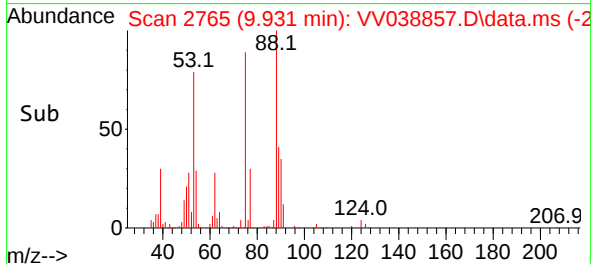
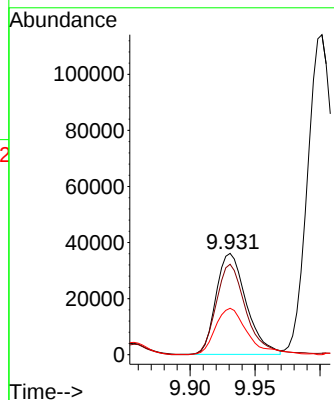
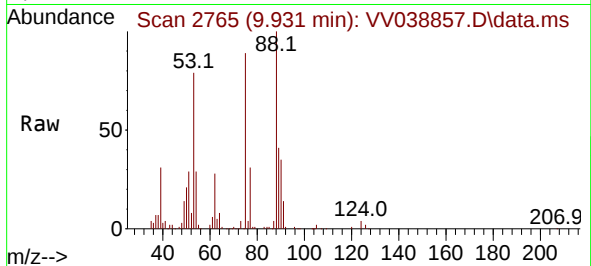




#81
trans-1,4-Dichloro-2-butene
Concen: 19.252 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

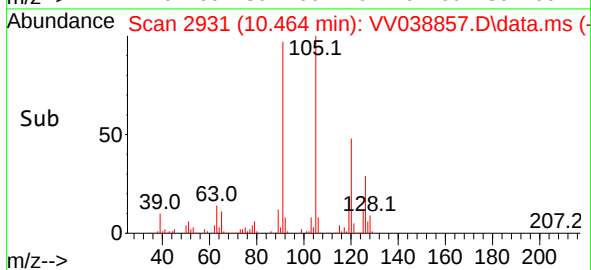
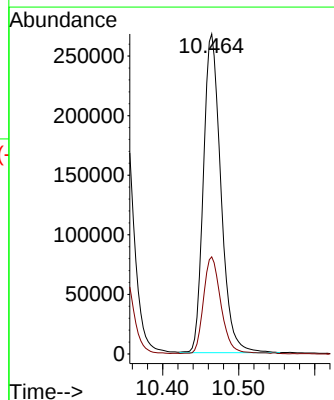
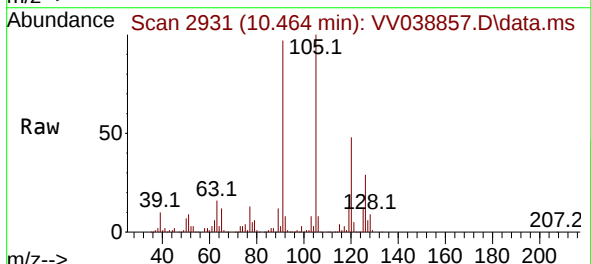
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

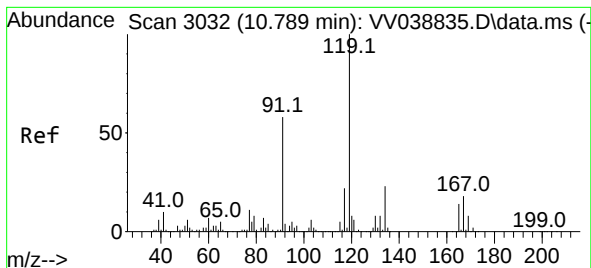
Tgt Ion: 75 Resp: 58214
Ion Ratio Lower Upper
75 100
53 89.5 71.2 106.8
89 49.7 44.6 66.8



#82
4-Chlorotoluene
Concen: 20.927 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion: 91 Resp: 425687
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.3





#83

tert-Butylbenzene

Concen: 19.676 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

VV0703WBSD01

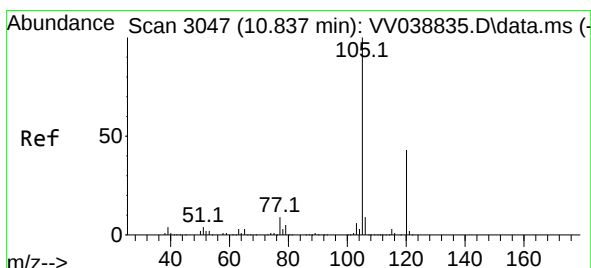
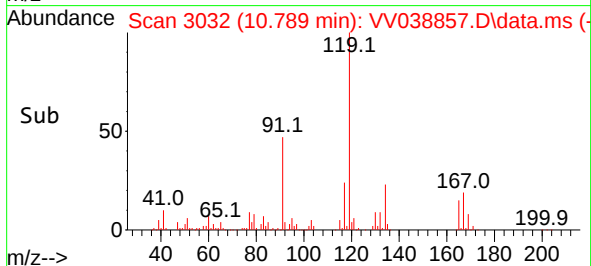
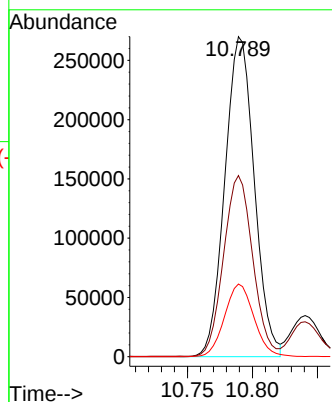
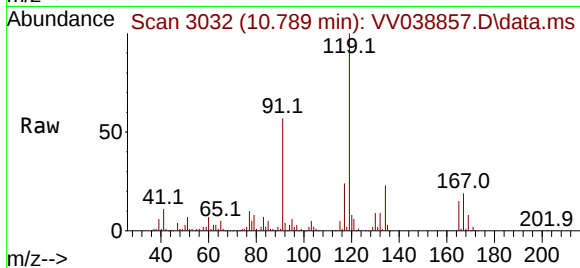
Tgt Ion:119 Resp: 425993

Ion Ratio Lower Upper

119 100

91 55.6 28.5 85.5

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 21.034 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038857.D

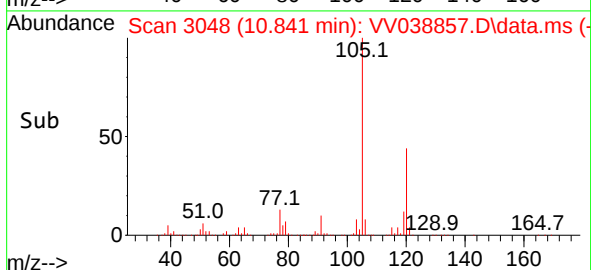
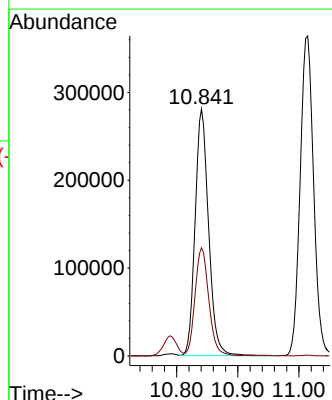
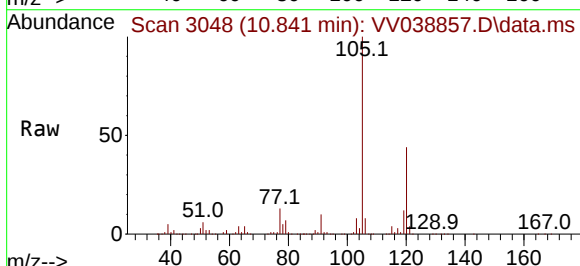
Acq: 03 Jul 2025 13:28

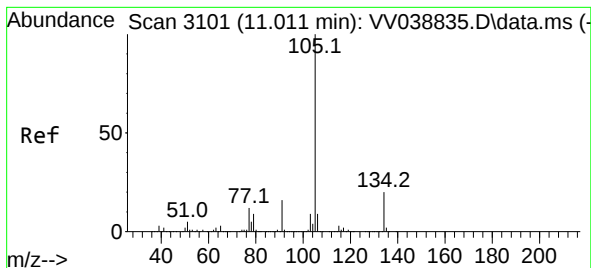
Tgt Ion:105 Resp: 430355

Ion Ratio Lower Upper

105 100

120 44.4 22.7 68.0





#85

sec-Butylbenzene

Concen: 20.172 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

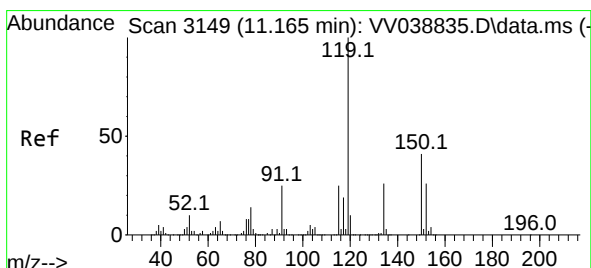
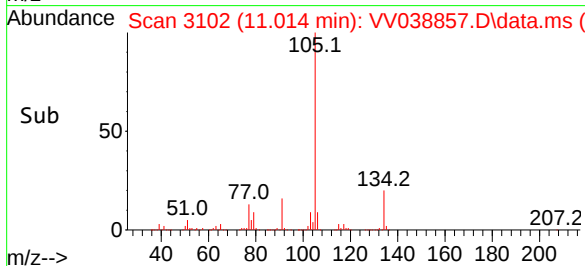
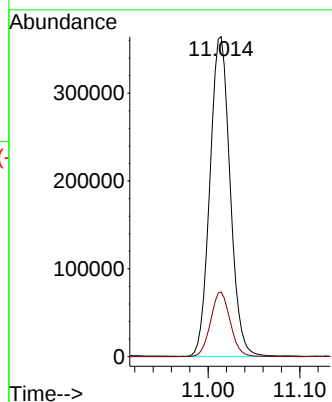
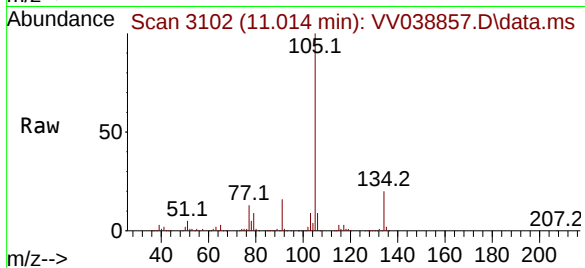
VV0703WBSD01

Tgt Ion:105 Resp: 556017

Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.004 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

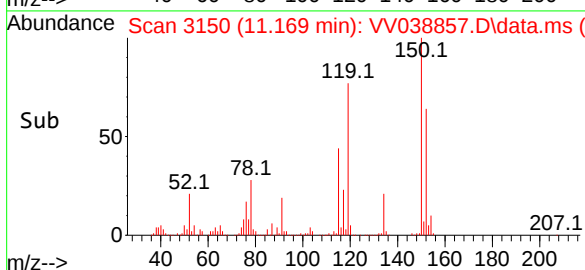
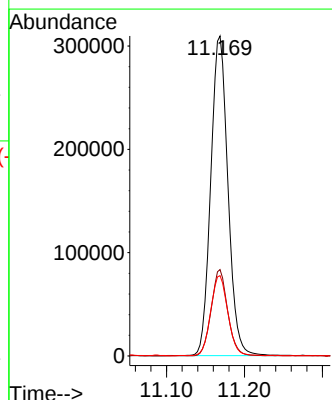
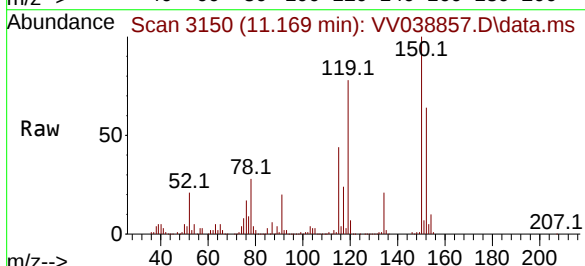
Tgt Ion:119 Resp: 472740

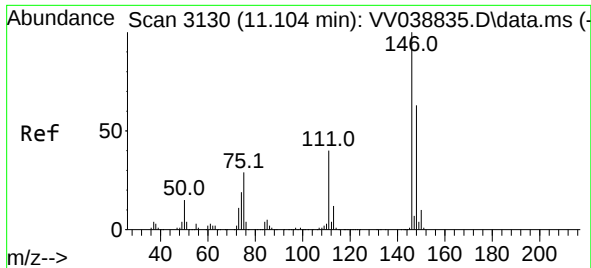
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.9 12.4 37.0

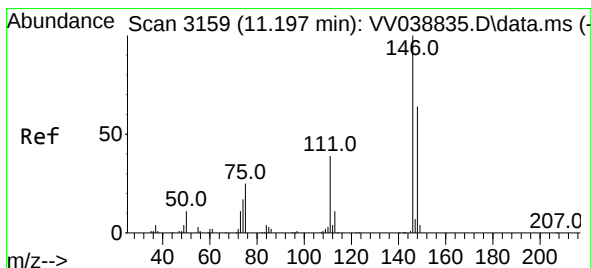
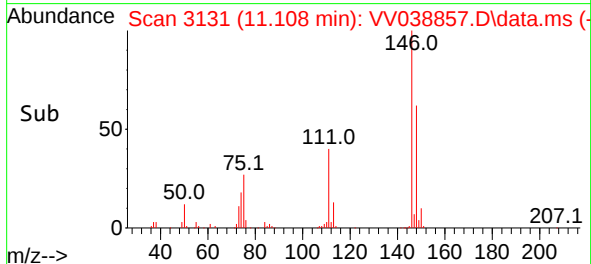
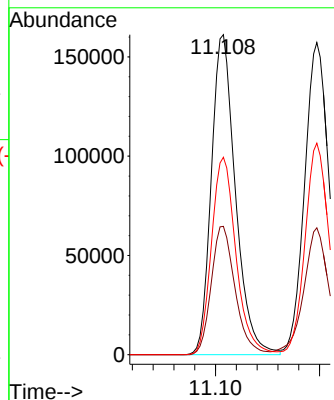
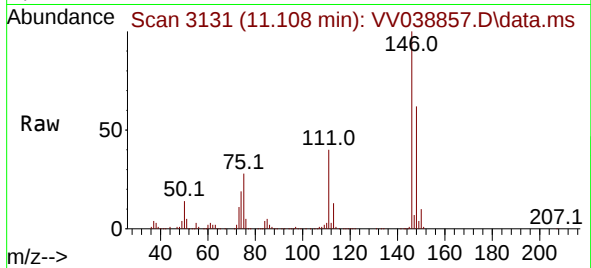




#87
1,3-Dichlorobenzene
Concen: 20.295 ug/l
RT: 11.108 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

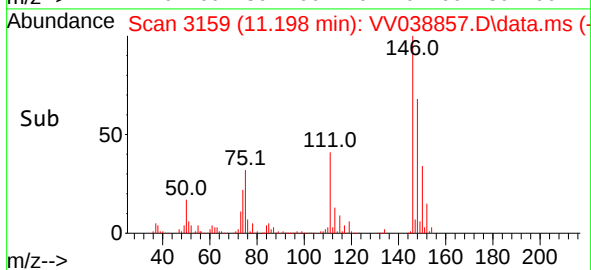
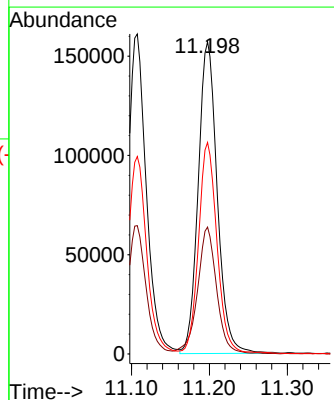
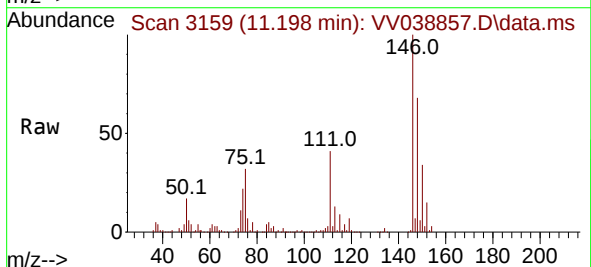
Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

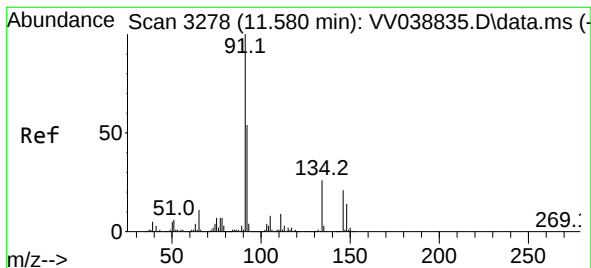
Tgt Ion:146 Resp: 259865
Ion Ratio Lower Upper
146 100
111 39.7 20.2 60.6
148 62.8 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 19.732 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion:146 Resp: 266220
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.3
148 66.1 32.0 96.2





#89

n-Butylbenzene

Concen: 20.102 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

VV0703WBSD01

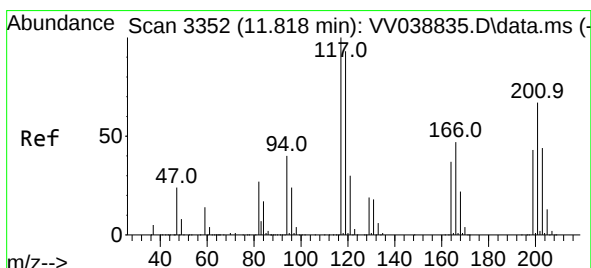
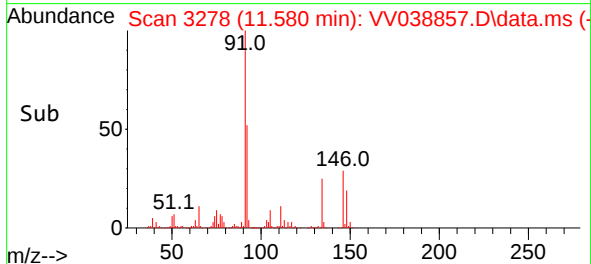
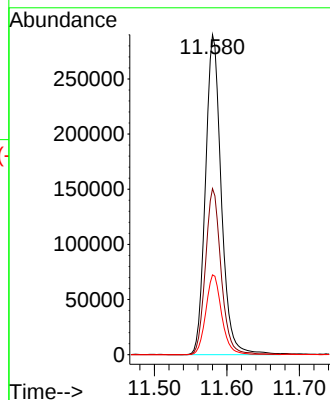
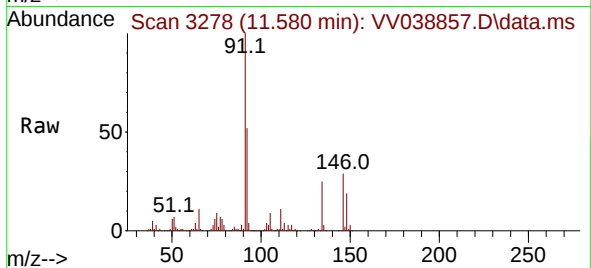
Tgt Ion: 91 Resp: 440259

Ion Ratio Lower Upper

91 100

92 51.4 26.7 80.0

134 24.9 12.9 38.7



#90

Hexachloroethane

Concen: 19.053 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038857.D

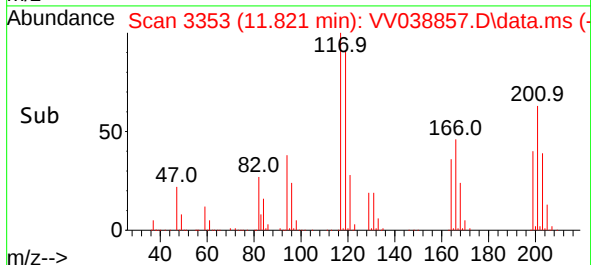
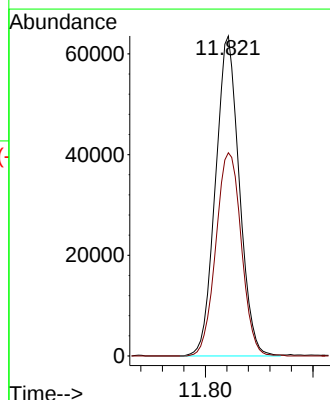
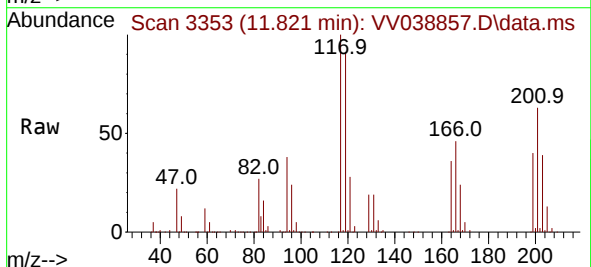
Acq: 03 Jul 2025 13:28

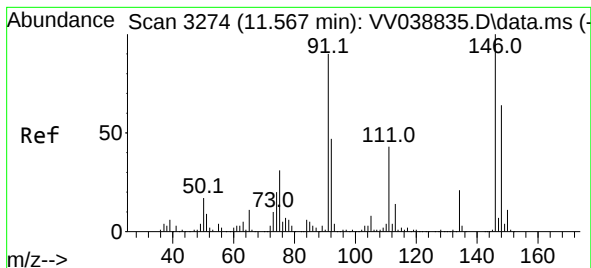
Tgt Ion: 117 Resp: 97736

Ion Ratio Lower Upper

117 100

201 68.0 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 20.106 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

VV0703WBSD01

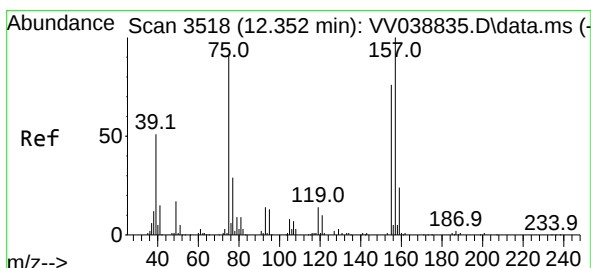
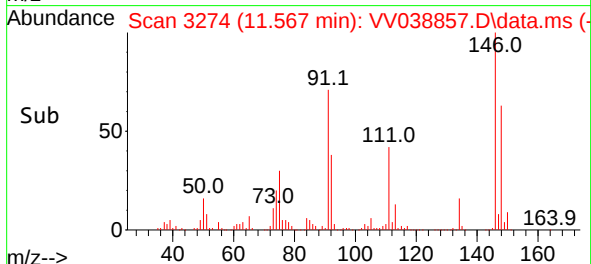
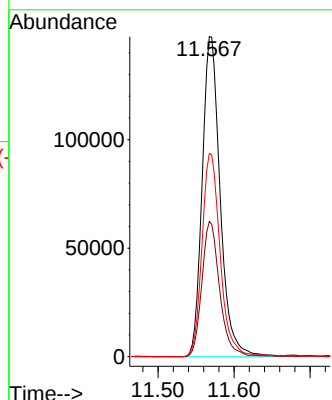
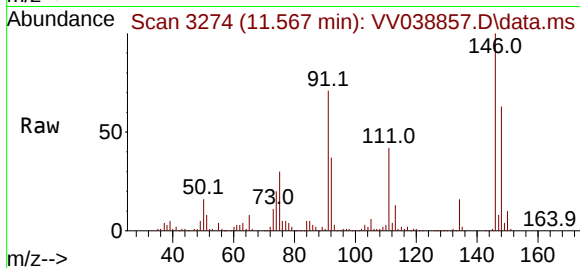
Tgt Ion:146 Resp: 242655

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

148 64.2 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.167 ug/l

RT: 12.355 min Scan# 3519

Delta R.T. 0.003 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

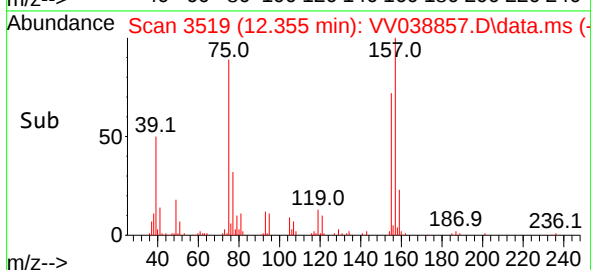
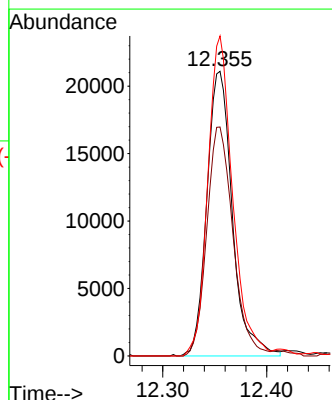
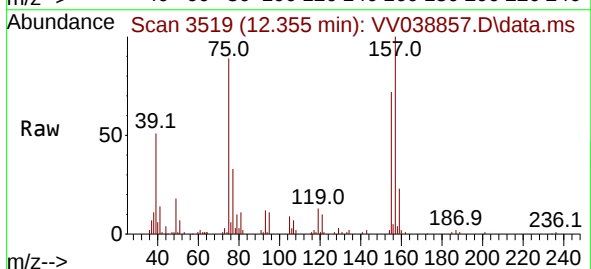
Tgt Ion: 75 Resp: 35917

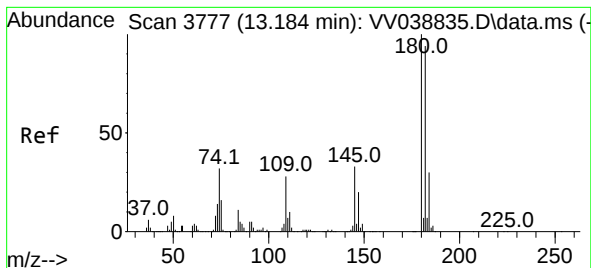
Ion Ratio Lower Upper

75 100

155 82.6 43.2 129.6

157 109.1 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 18.912 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

Instrument :

MSVOA_V

ClientSampleId :

VV0703WBSD01

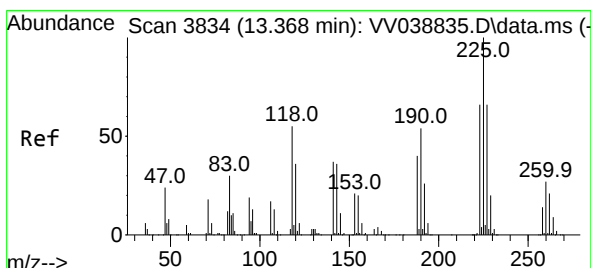
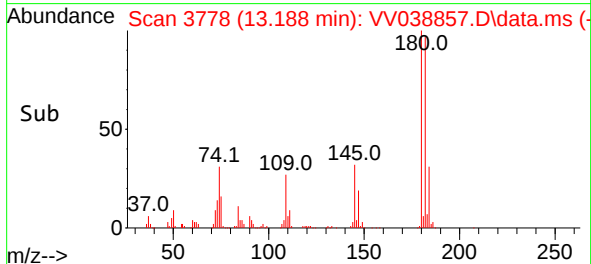
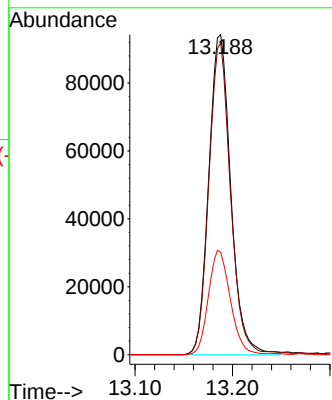
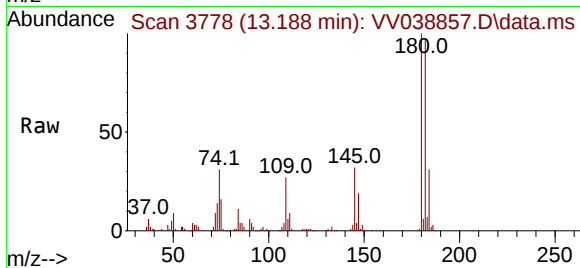
Tgt Ion:180 Resp: 147948

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.8

145 32.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 19.001 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038857.D

Acq: 03 Jul 2025 13:28

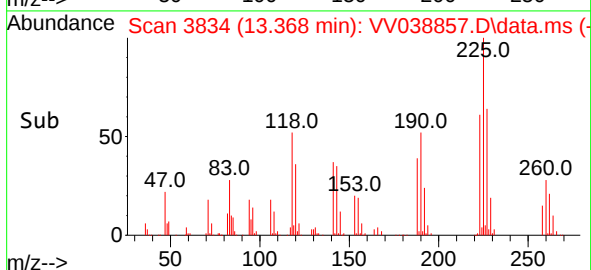
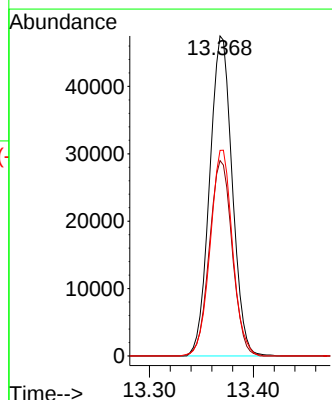
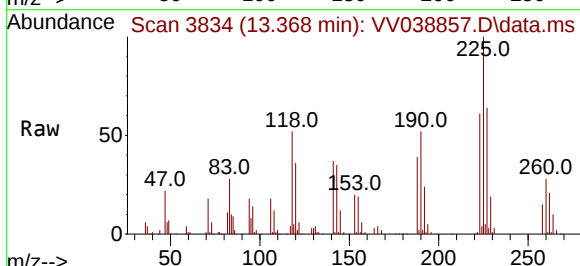
Tgt Ion:225 Resp: 71729

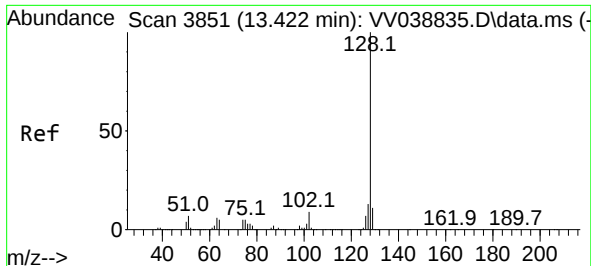
Ion Ratio Lower Upper

225 100

223 61.5 33.2 99.6

227 63.4 32.3 96.8

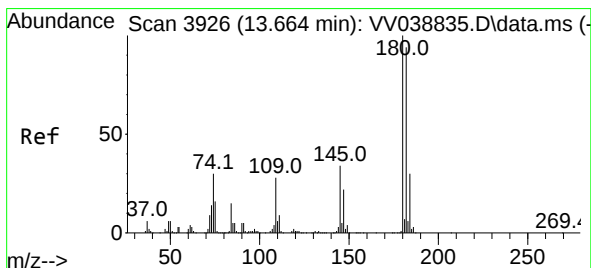
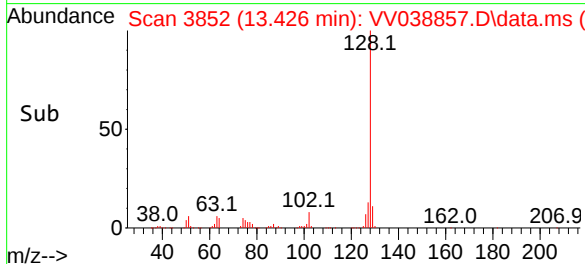
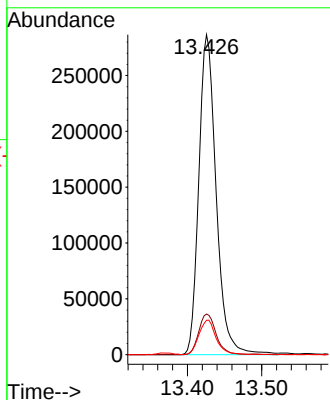
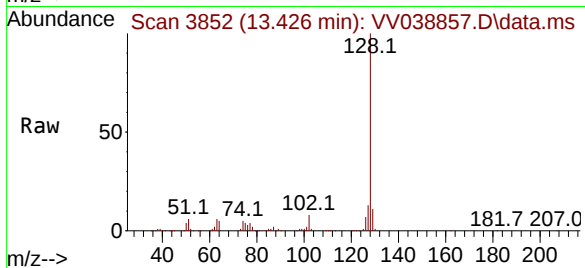




#95
Naphthalene
Concen: 18.733 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Instrument :
MSVOA_V
ClientSampleId :
VV0703WBSD01

Tgt Ion:128 Resp: 466191
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.846 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV038857.D
Acq: 03 Jul 2025 13:28

Tgt Ion:180 Resp: 152142
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 34.5 17.1 51.2

