

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038862.D
 Acq On : 03 Jul 2025 15:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 08:25:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 07 08:22:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	510703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	796663	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	754809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	432406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	273311	47.751	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	95.500%
35) Dibromofluoromethane	4.500	113	254437	50.421	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.840%
50) Toluene-d8	7.236	98	793285	48.588	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	10.002	95	341452	51.765	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	103.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	222751	45.948	ug/l	99
3) Chloromethane	1.227	50	238319	40.065	ug/l	99
4) Vinyl Chloride	1.294	62	259972	46.999	ug/l	99
5) Bromomethane	1.491	94	174559	51.711	ug/l	97
6) Chloroethane	1.558	64	171162	46.157	ug/l	97
7) Trichlorofluoromethane	1.725	101	462455	47.254	ug/l	97
8) Diethyl Ether	1.918	74	159206	46.749	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.079	101	269873	48.769	ug/l	100
10) Methyl Iodide	2.195	142	354635	50.511	ug/l	100
11) Tert butyl alcohol	2.561	59	221724	296.776	ug/l	98
12) 1,1-Dichloroethene	2.082	96	245692	46.714	ug/l	99
13) Acrolein	2.008	56	53470	286.624	ug/l	96
14) Allyl chloride	2.356	41	359384	50.811	ug/l	98
15) Acrylonitrile	2.671	53	735084	281.273	ug/l	100
16) Acetone	2.118	43	540827	283.544	ug/l	99
17) Carbon Disulfide	2.253	76	559148	45.895	ug/l	99
18) Methyl Acetate	2.378	43	365118	56.139	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	879111	54.061	ug/l	99
20) Methylene Chloride	2.455	84	291073	46.176	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	263563	50.110	ug/l	96
22) Diisopropyl ether	3.211	45	809610	55.833	ug/l	90
23) Vinyl Acetate	3.185	43	3001017	287.003	ug/l	100
24) 1,1-Dichloroethane	3.118	63	489786	50.104	ug/l	100
25) 2-Butanone	3.857	43	824732	292.389	ug/l	100
26) 2,2-Dichloropropane	3.812	77	446027	49.230	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	315786	51.519	ug/l	98
28) Bromochloromethane	4.146	49	196191	46.959	ug/l #	100
29) Tetrahydrofuran	4.227	42	545142	285.365	ug/l	98
30) Chloroform	4.278	83	548120	51.463	ug/l	99
31) Cyclohexane	4.587	56	372707	48.144	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	492816	49.855	ug/l	99
36) 1,1-Dichloropropene	4.748	75	328975	53.724	ug/l	99
37) Ethyl Acetate	3.970	43	334821	53.586	ug/l	96
38) Carbon Tetrachloride	4.735	117	418827	51.965	ug/l	99
39) Methylcyclohexane	6.047	83	415376	51.882	ug/l	99
40) Benzene	5.008	78	1064121	52.628	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	155401	57.919	ug/l	98
42) 1,2-Dichloroethane	5.037	62	387637	54.150	ug/l	100
43) Isopropyl Acetate	5.188	43	538251	53.998	ug/l	98
44) Trichloroethene	5.831	130	275087	52.132	ug/l	96
45) 1,2-Dichloropropane	6.088	63	257470	50.702	ug/l	100
46) Dibromomethane	6.224	93	206595	51.589	ug/l	99
47) Bromodichloromethane	6.426	83	432769	51.036	ug/l	98
48) Methyl methacrylate	6.294	41	258063	54.446	ug/l	99
49) 1,4-Dioxane	6.281	88	86168	1311.566	ug/l	96
51) 4-Methyl-2-Pentanone	7.143	43	1845761	293.432	ug/l	100
52) Toluene	7.307	92	703234	55.666	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	432306	53.253	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	459799	55.395	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	295706	53.529	ug/l	97
56) Ethyl methacrylate	7.712	69	429095	59.043	ug/l	99
57) 1,3-Dichloropropane	7.934	76	468755	53.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	868824	263.282	ug/l	100
59) 2-Hexanone	8.063	43	1329540	299.671	ug/l	98
60) Dibromochloromethane	8.166	129	361548	51.980	ug/l	99
61) 1,2-Dibromoethane	8.272	107	309941	54.230	ug/l	98
64) Tetrachloroethene	7.899	164	242919	50.047	ug/l	98
65) Chlorobenzene	8.805	112	814129	51.181	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	302993	51.009	ug/l	98
67) Ethyl Benzene	8.937	91	1363738	54.719	ug/l	99
68) m/p-Xylenes	9.063	106	1075577	112.675	ug/l	99
69) o-Xylene	9.468	106	510703	55.997	ug/l	100
70) Styrene	9.484	104	917870	57.643	ug/l	100
71) Bromoform	9.654	173	260110	53.888	ug/l #	98
73) Isopropylbenzene	9.857	105	1423563	56.097	ug/l	100
74) N-amyl acetate	9.722	43	496322	55.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	476762	51.823	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	359622	53.753	ug/l	100
77) Bromobenzene	10.140	156	343750	52.509	ug/l	99
78) n-propylbenzene	10.278	91	1702794	56.384	ug/l	99
79) 2-Chlorotoluene	10.349	91	1006261	54.865	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1231821	56.771	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	166518	52.980	ug/l	97
82) 4-Chlorotoluene	10.461	91	1196179	56.574	ug/l	100
83) tert-Butylbenzene	10.789	119	1228695	54.598	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1231949	57.929	ug/l	99
85) sec-Butylbenzene	11.011	105	1603727	55.976	ug/l	99
86) p-Isopropyltoluene	11.165	119	1379209	56.148	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	692366	52.022	ug/l	98
88) 1,4-Dichlorobenzene	11.194	146	710226	50.645	ug/l	100
89) n-Butylbenzene	11.580	91	1295676	56.914	ug/l	100
90) Hexachloroethane	11.821	117	270388	50.710	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	670182	53.424	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	105157	53.988	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	441220	54.262	ug/l	99
94) Hexachlorobutadiene	13.368	225	202075	51.498	ug/l	96
95) Naphthalene	13.423	128	1484279	57.379	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	448383	53.434	ug/l	98

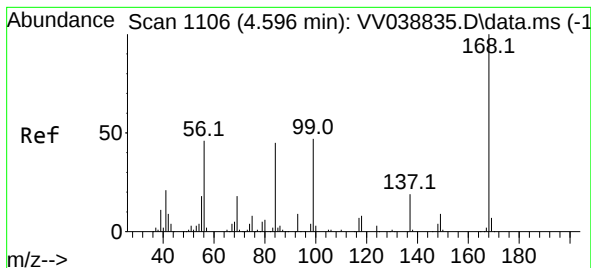
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV038862.D

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Instrument :

MSVOA_V

ClientSampleId :

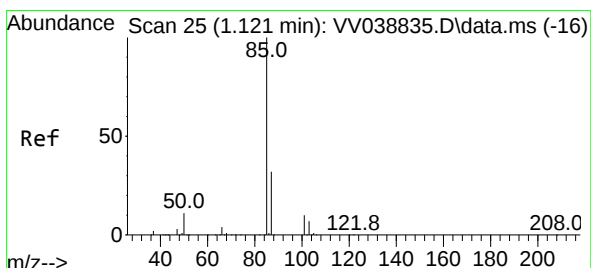
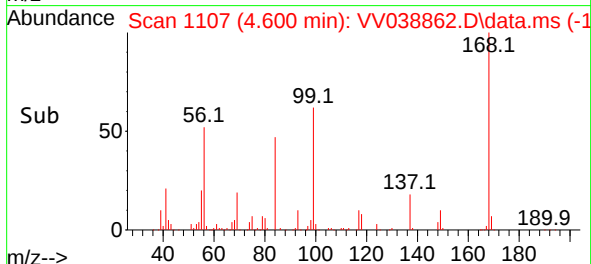
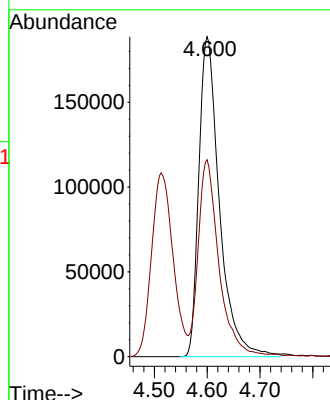
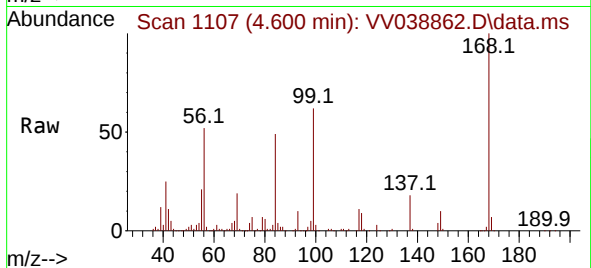
VSTDCCC050EC

Tgt Ion:168 Resp: 510703

Ion Ratio Lower Upper

168 100

99 61.0 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 45.948 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038862.D

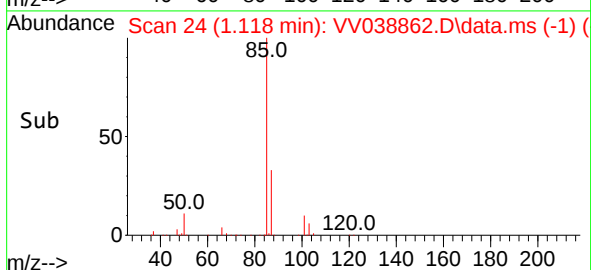
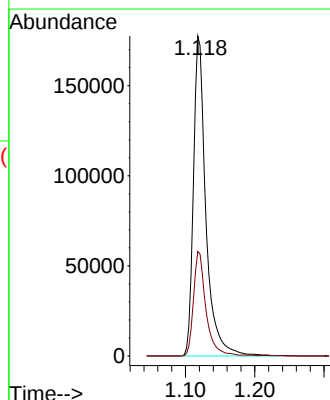
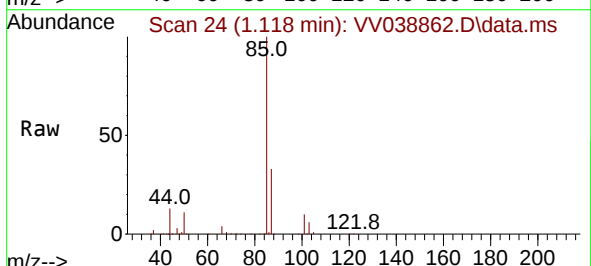
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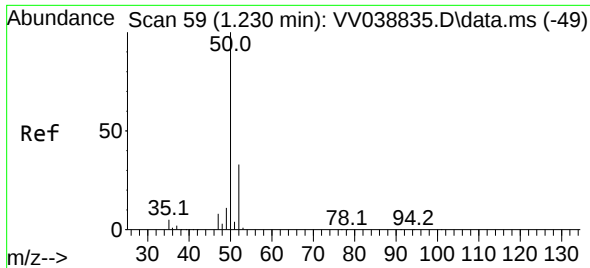
Tgt Ion: 85 Resp: 222751

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3

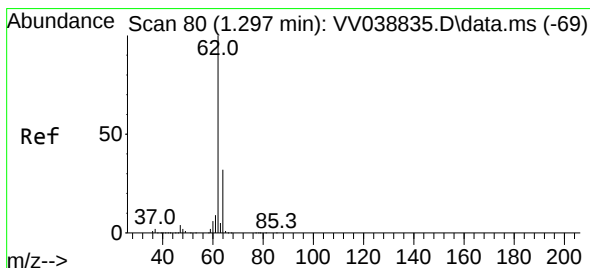
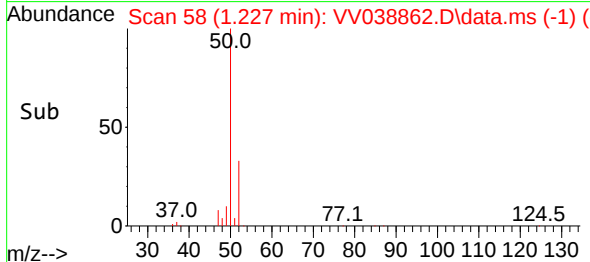
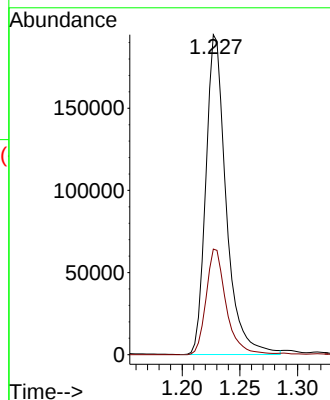
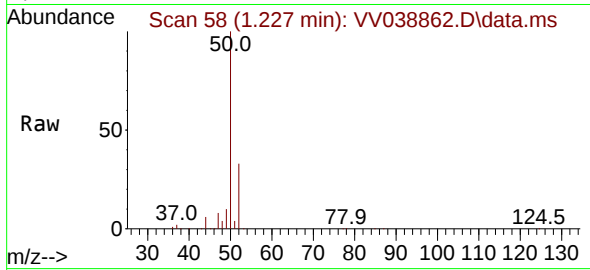




#3
Chloromethane
Concen: 40.065 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

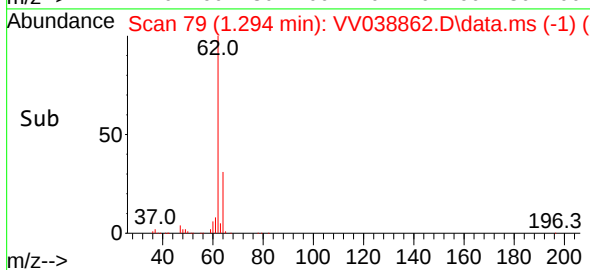
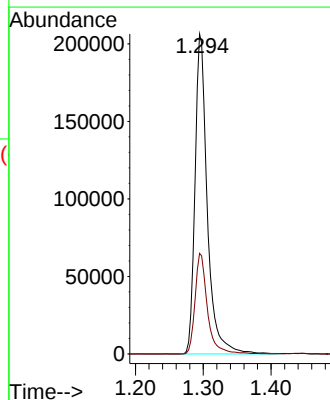
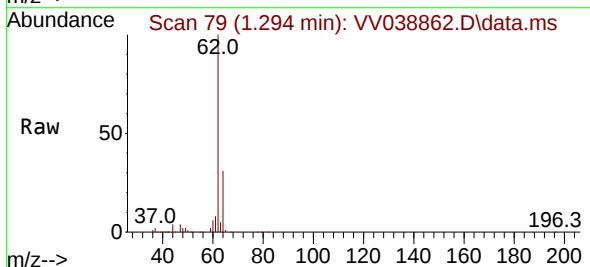
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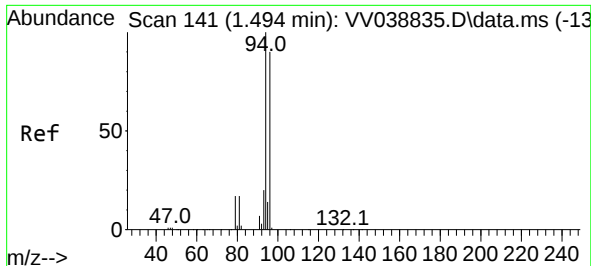
Tgt Ion: 50 Resp: 238319
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1



#4
Vinyl Chloride
Concen: 46.999 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 62 Resp: 259972
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3

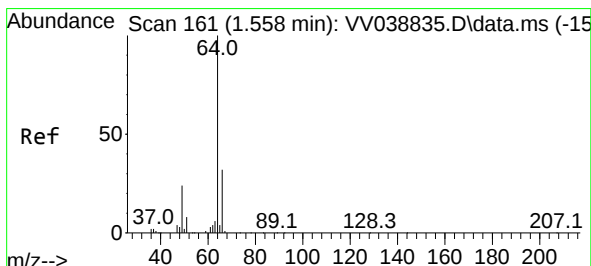
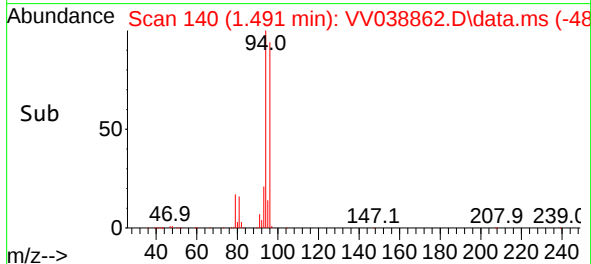
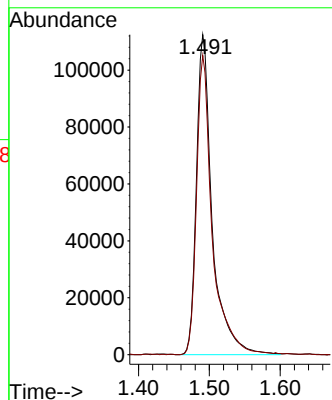
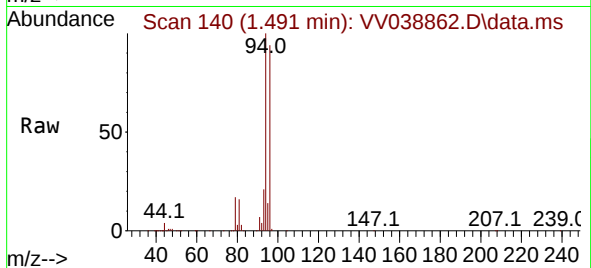




#5
Bromomethane
Concen: 51.711 ug/l
RT: 1.491 min Scan# 141
Delta R.T. -0.003 min
Lab File: VV038862.D
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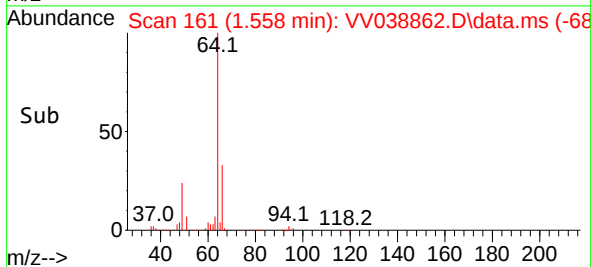
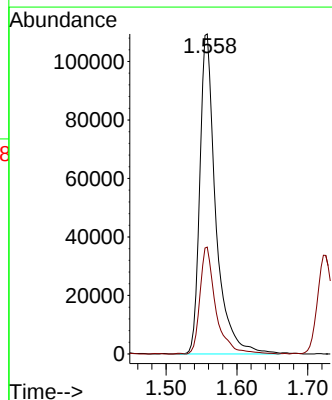
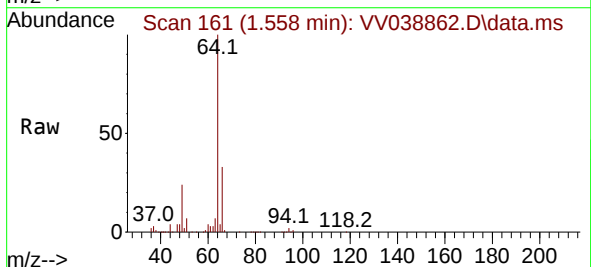
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Tgt Ion: 94 Resp: 174559
Ion Ratio Lower Upper
94 100
96 93.5 72.2 108.4



#6
Chloroethane
Concen: 46.157 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 64 Resp: 171162
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0

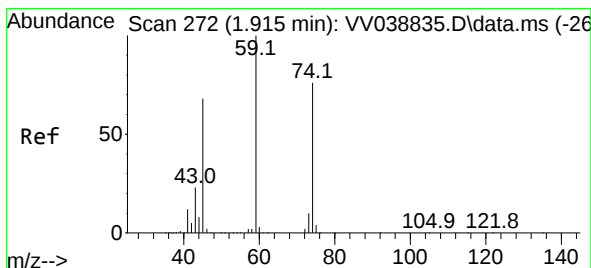
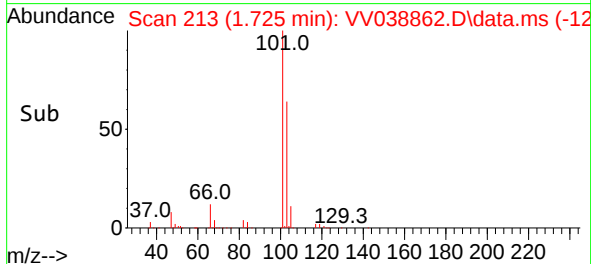
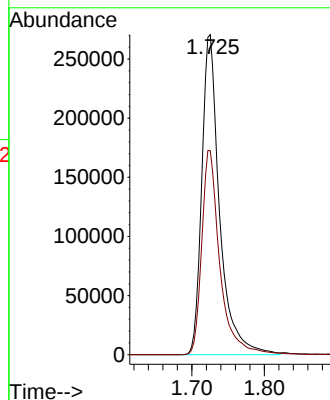
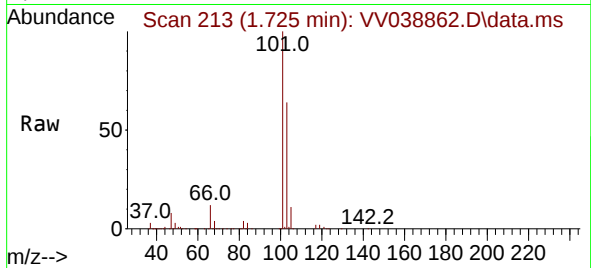




#7
 Trichlorofluoromethane
 Concen: 47.254 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
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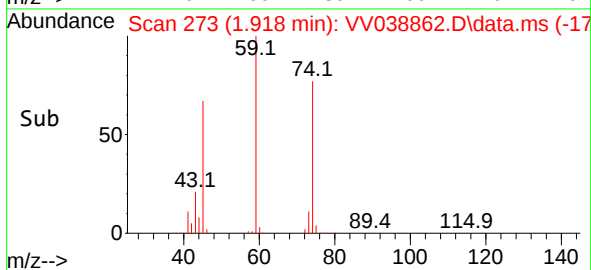
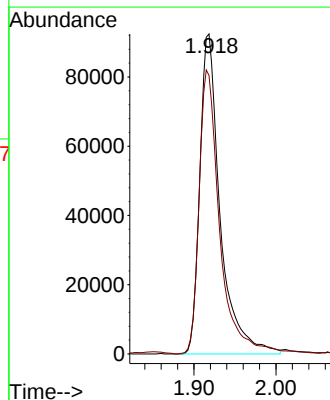
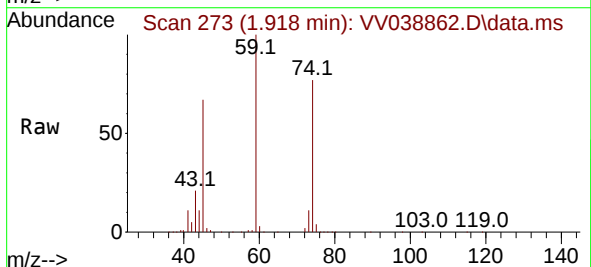
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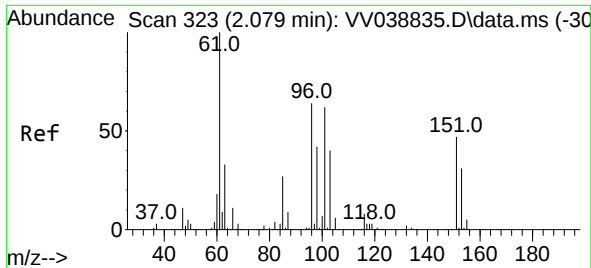
Tgt Ion:101 Resp: 462455
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.8 79.2



#8
 Diethyl Ether
 Concen: 46.749 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038862.D
 Acq: 03 Jul 2025 15:24

Tgt Ion: 74 Resp: 159206
 Ion Ratio Lower Upper
 74 100
 45 90.3 43.9 131.7

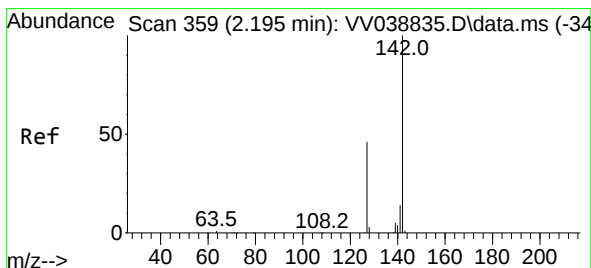
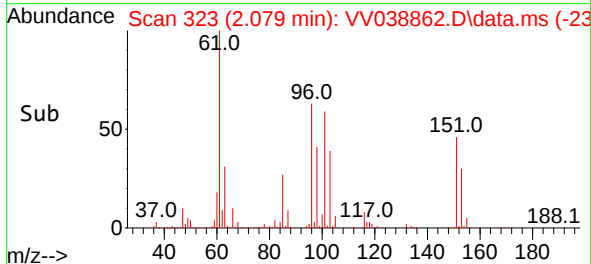
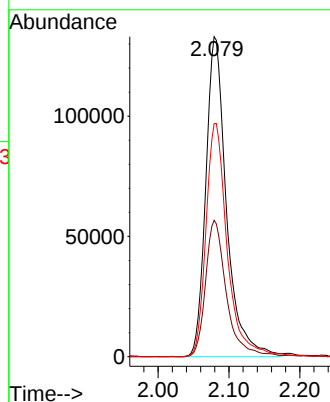
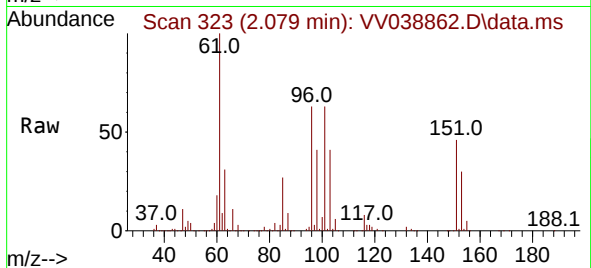




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.769 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038862.D
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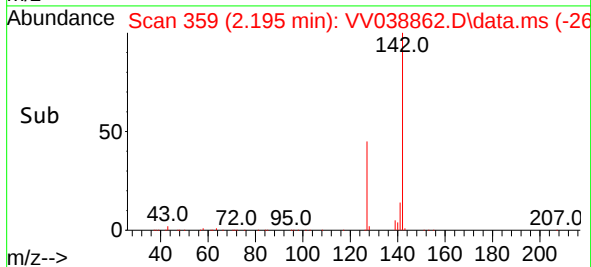
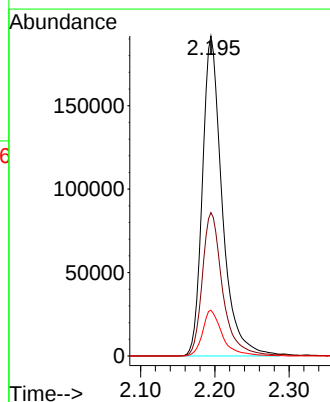
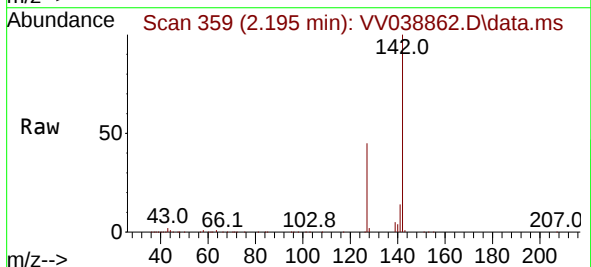
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ClientSampleId :
VSTDCCC050EC

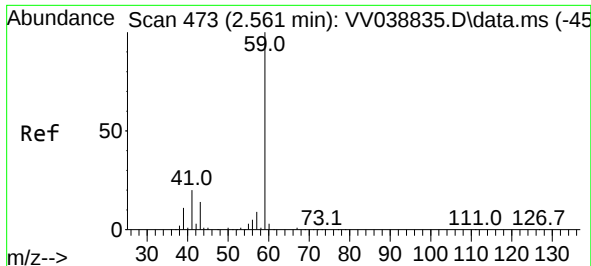
Tgt Ion:101 Resp: 269873
Ion Ratio Lower Upper
101 100
85 43.0 34.6 52.0
151 75.1 60.4 90.6



#10
Methyl Iodide
Concen: 50.511 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion:142 Resp: 354635
Ion Ratio Lower Upper
142 100
127 46.0 36.9 55.3
141 14.3 11.8 17.8

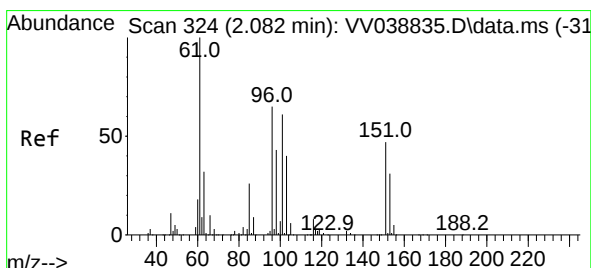
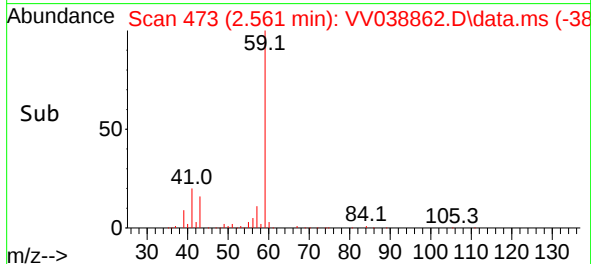
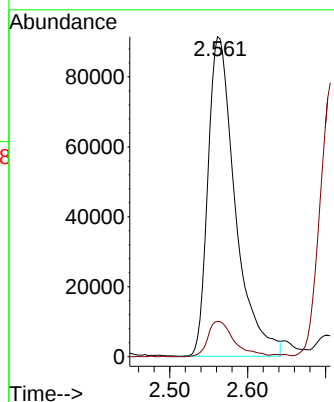
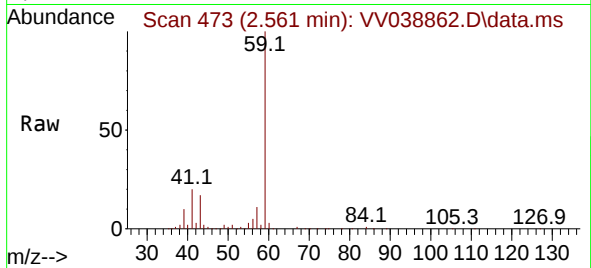




#11
Tert butyl alcohol
Concen: 296.776 ug/l
RT: 2.561 min Scan# 473
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

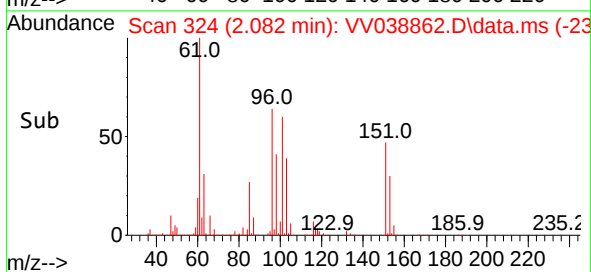
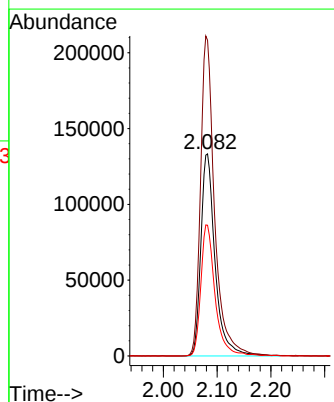
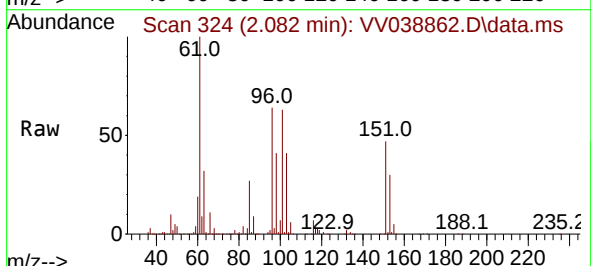
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

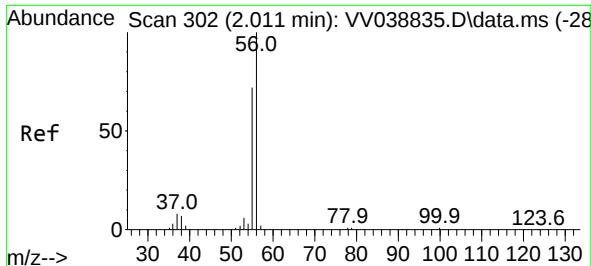
Tgt Ion: 59 Resp: 221724
Ion Ratio Lower Upper
59 100
57 10.7 8.0 12.0



#12
1,1-Dichloroethene
Concen: 46.714 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 96 Resp: 245692
Ion Ratio Lower Upper
96 100
61 156.2 123.5 185.3
98 64.7 52.5 78.7

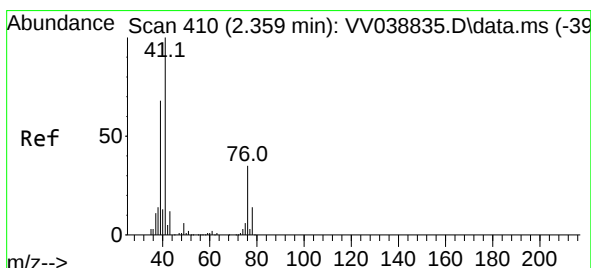
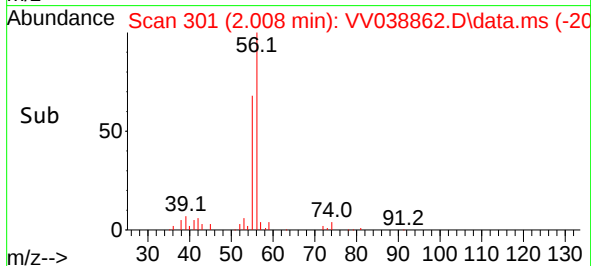
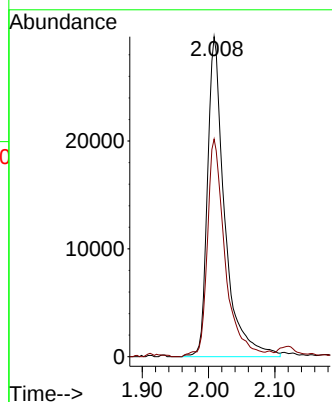
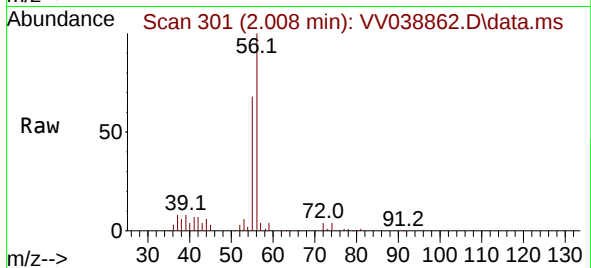




#13
Acrolein
Concen: 286.624 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

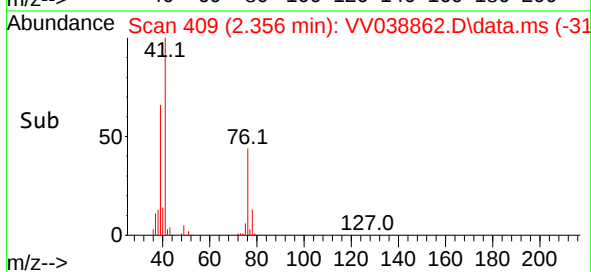
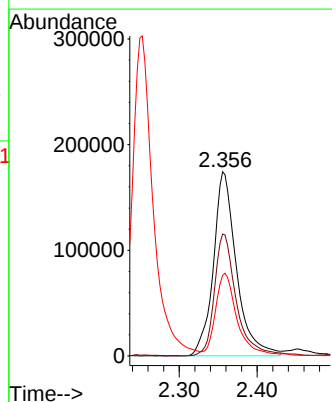
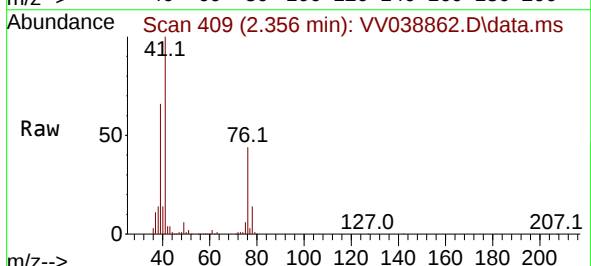
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

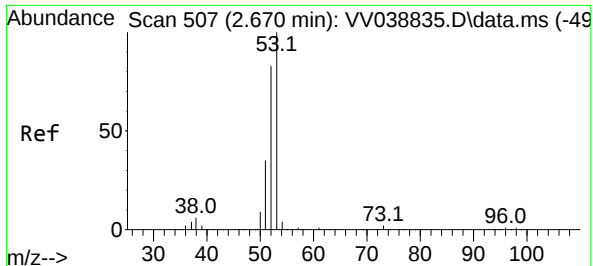
Tgt Ion: 56 Resp: 53470
Ion Ratio Lower Upper
56 100
55 69.9 53.4 80.2



#14
Allyl chloride
Concen: 50.811 ug/l
RT: 2.356 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 41 Resp: 359384
Ion Ratio Lower Upper
41 100
39 63.0 51.0 76.4
76 39.2 33.6 50.4

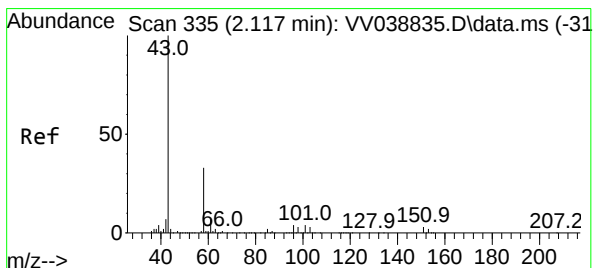
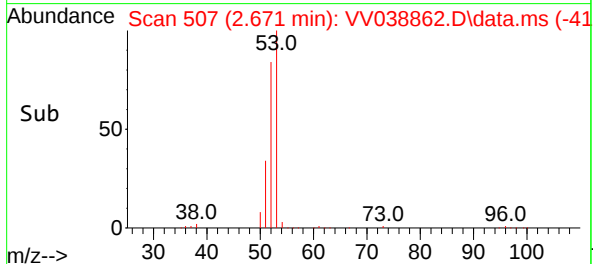
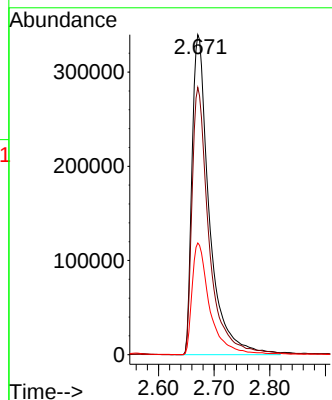
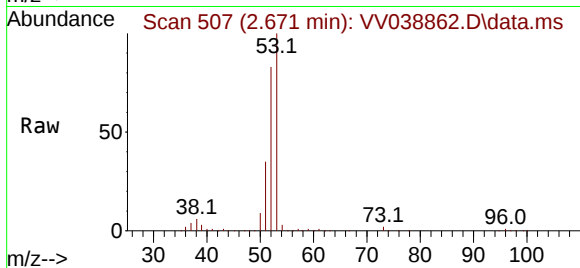




#15
Acrylonitrile
Concen: 281.273 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

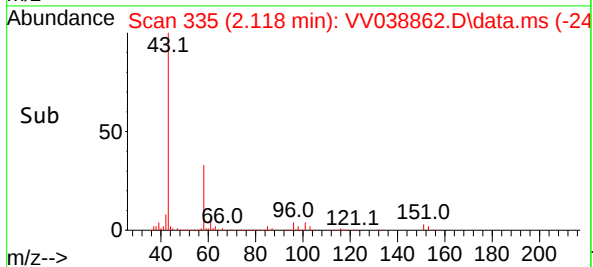
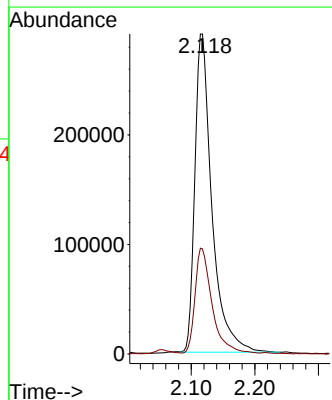
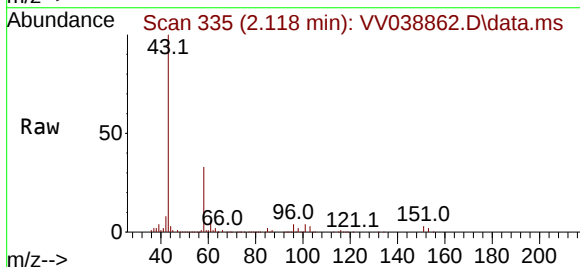
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

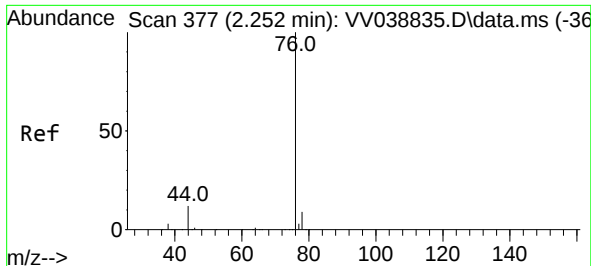
Tgt Ion:	53	Resp:	735084
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.6
51	35.5	28.5	42.7



#16
Acetone
Concen: 283.544 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion:	43	Resp:	540827
Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.0	40.4

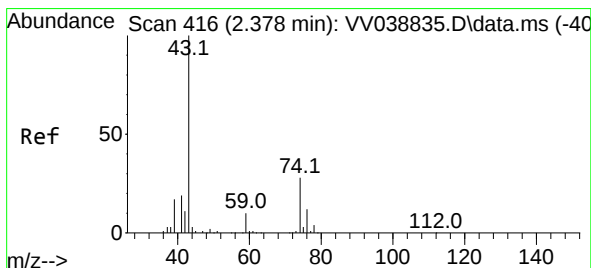
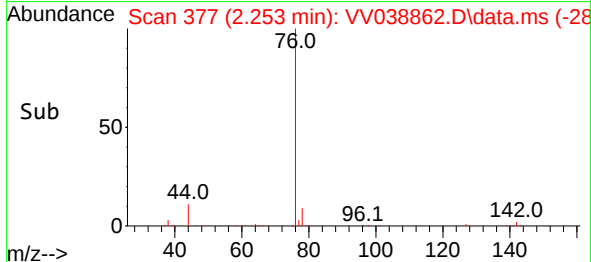
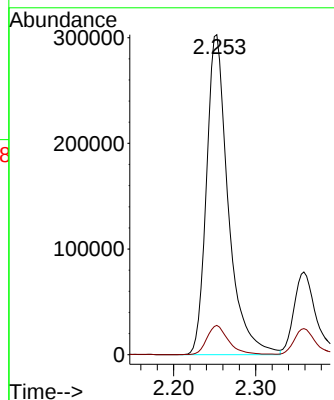
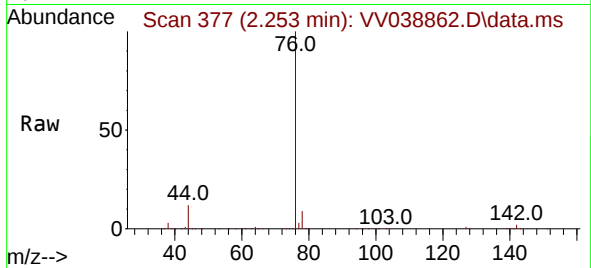




#17
Carbon Disulfide
Concen: 45.895 ug/l
RT: 2.253 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

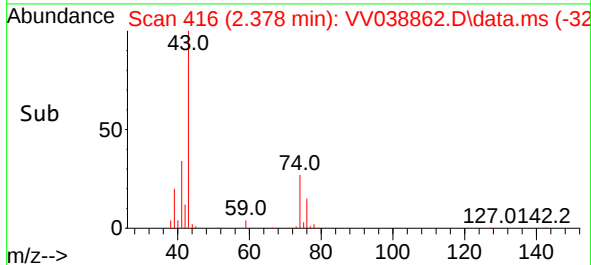
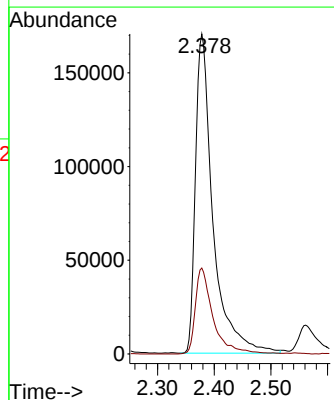
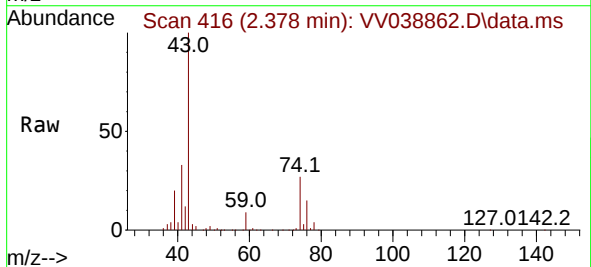
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

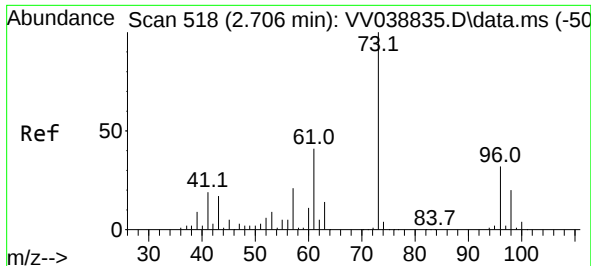
Tgt Ion: 76 Resp: 559148
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 56.139 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 43 Resp: 365118
Ion Ratio Lower Upper
43 100
74 27.1 21.4 32.0

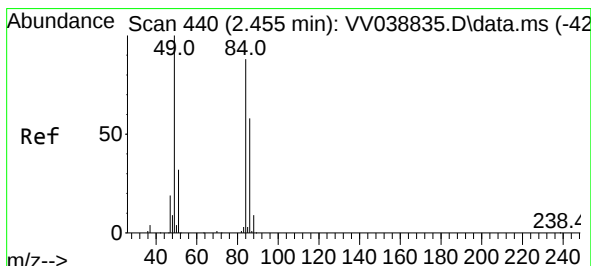
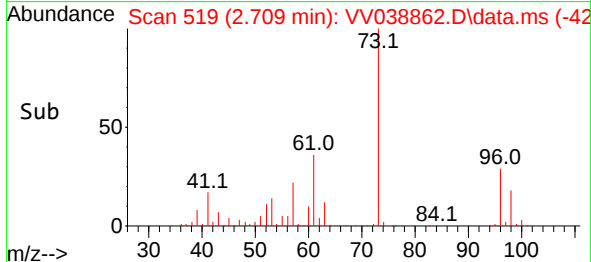
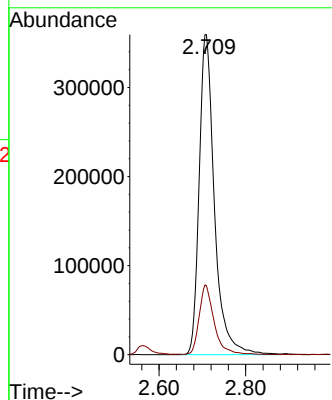
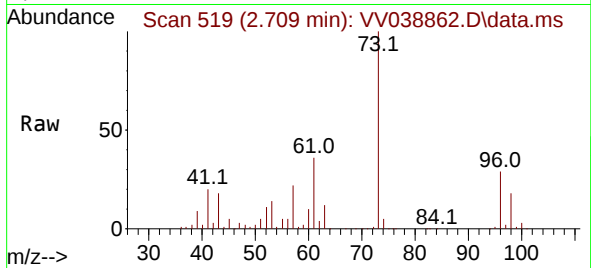




#19
Methyl tert-butyl Ether
Concen: 54.061 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

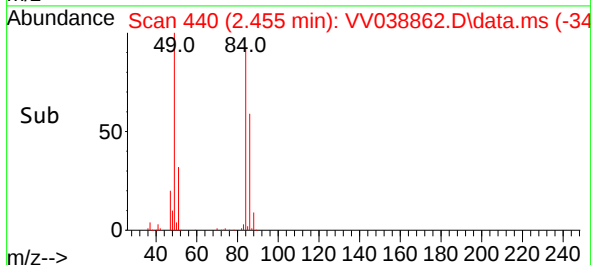
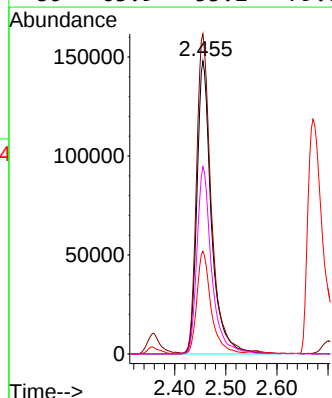
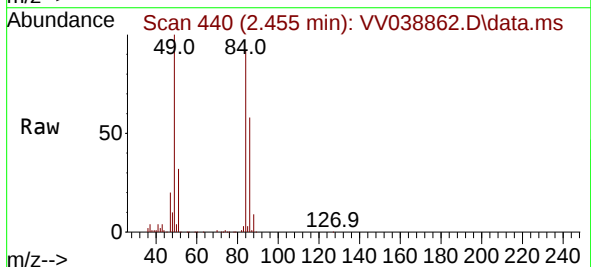
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

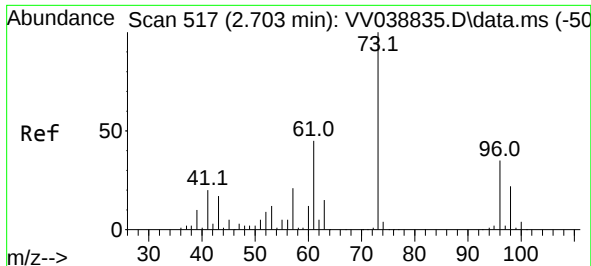
Tgt Ion: 73 Resp: 879111
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4



#20
Methylene Chloride
Concen: 46.176 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 84 Resp: 291073
Ion Ratio Lower Upper
84 100
49 109.0 91.0 136.4
51 34.9 29.4 44.2
86 63.9 53.2 79.8

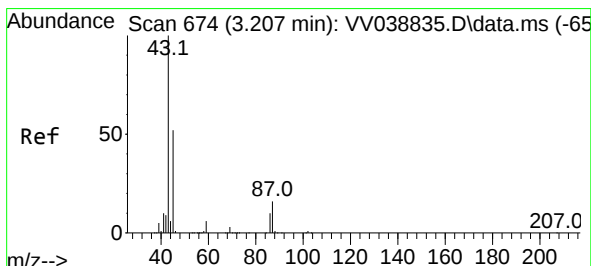
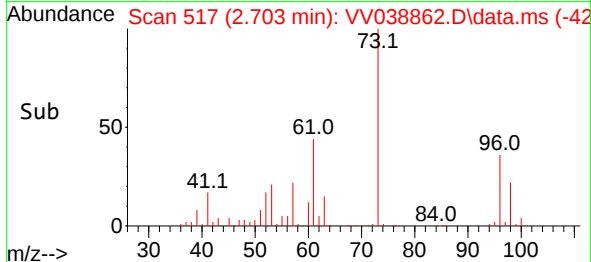
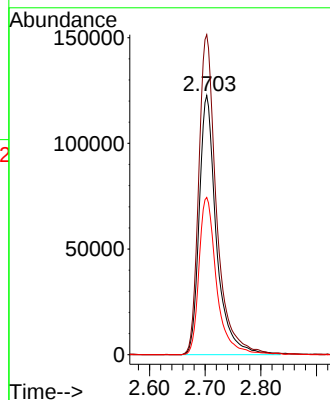
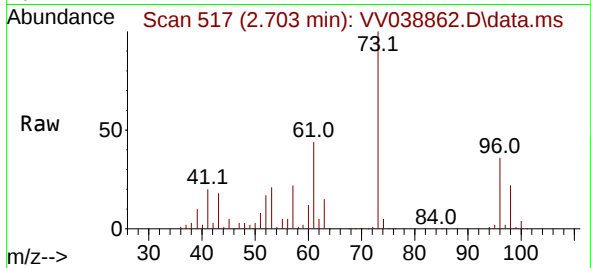




#21
trans-1,2-Dichloroethene
Concen: 50.110 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

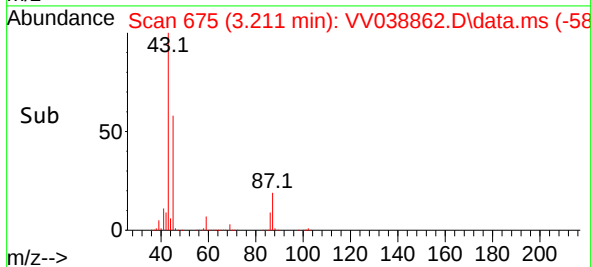
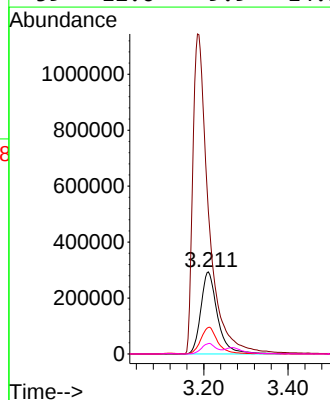
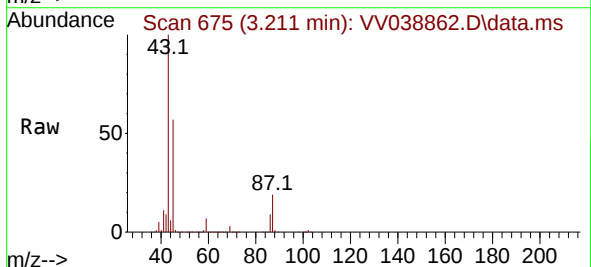
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

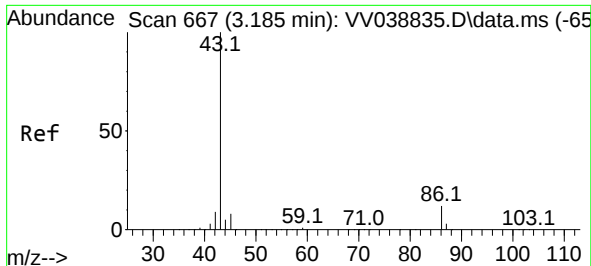
Tgt Ion: 96 Resp: 263563
Ion Ratio Lower Upper
96 100
61 123.4 102.8 154.2
98 60.7 50.9 76.3



#22
Diisopropyl ether
Concen: 55.833 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 45 Resp: 809610
Ion Ratio Lower Upper
45 100
43 173.9 153.1 229.7
87 32.3 25.2 37.8
59 12.6 9.9 14.9

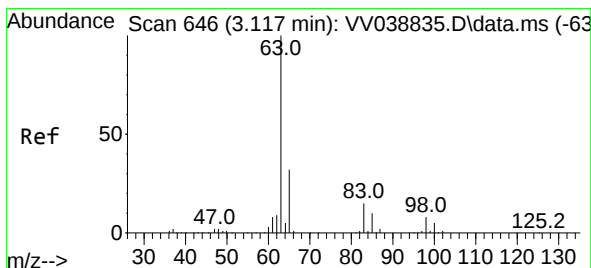
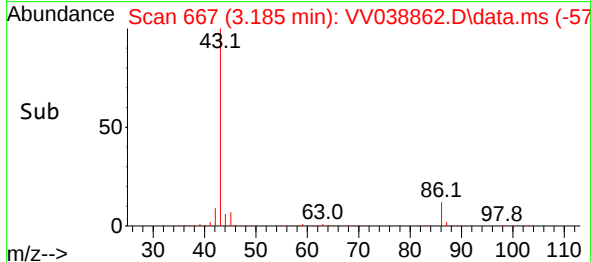
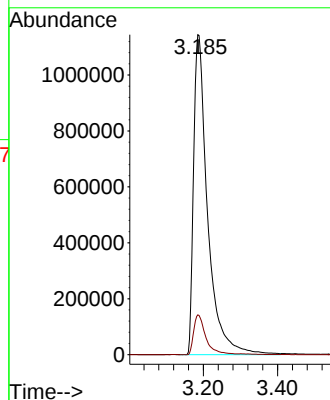
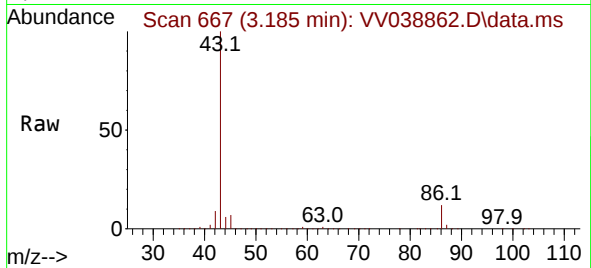




#23
 Vinyl Acetate
 Concen: 287.003 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV038862.D
 Acq: 03 Jul 2025 15:24

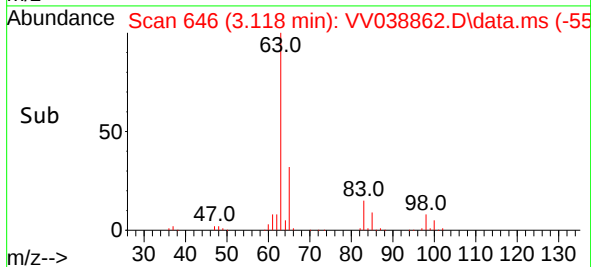
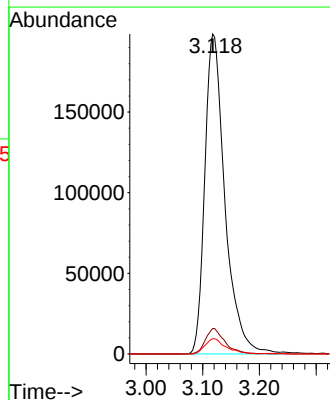
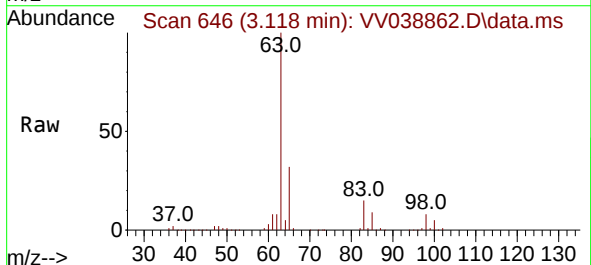
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

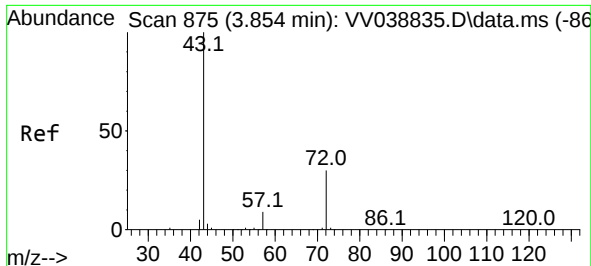
Tgt Ion: 43 Resp: 3001017
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 50.104 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038862.D
 Acq: 03 Jul 2025 15:24

Tgt Ion: 63 Resp: 489786
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.1 12.3
 100 4.7 2.4 7.2

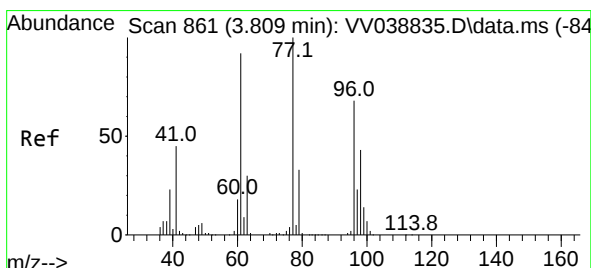
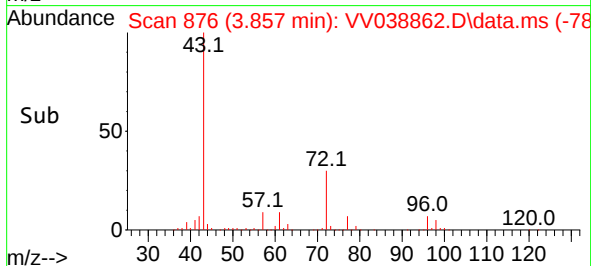
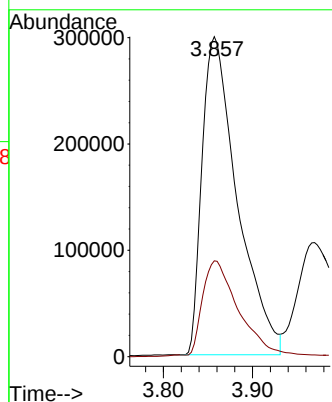
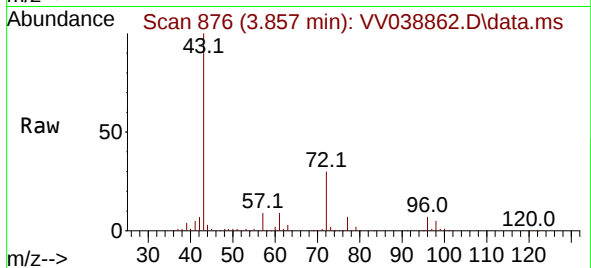




#25
2-Butanone
Concen: 292.389 ug/l
RT: 3.857 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

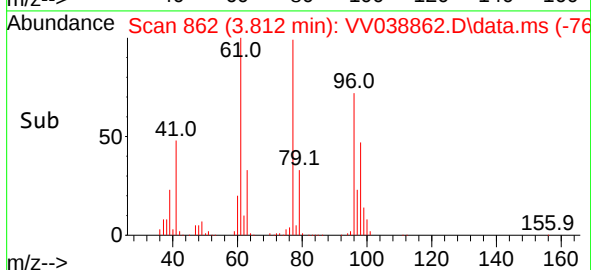
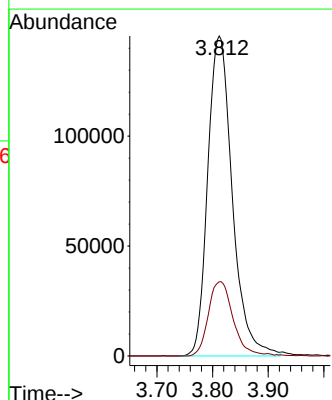
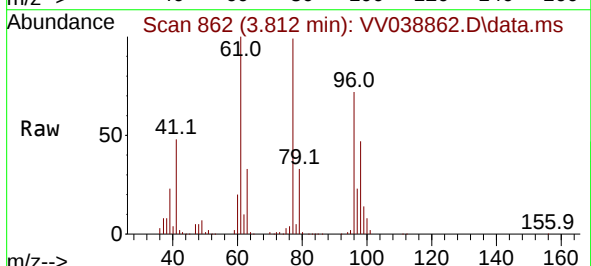
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

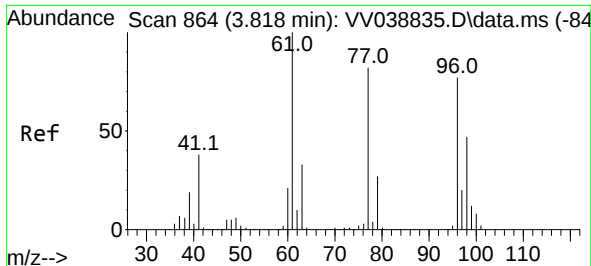
Tgt Ion: 43 Resp: 824732
Ion Ratio Lower Upper
43 100
72 29.6 23.8 35.8



#26
2,2-Dichloropropane
Concen: 49.230 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 77 Resp: 446027
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 51.519 ug/l

RT: 3.822 min Scan# 865

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

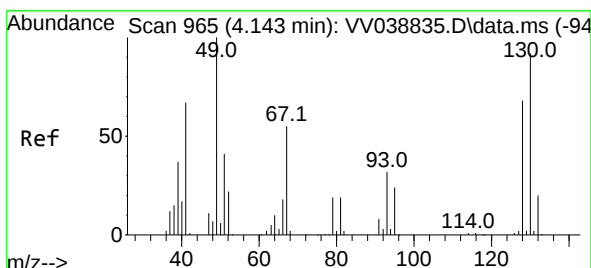
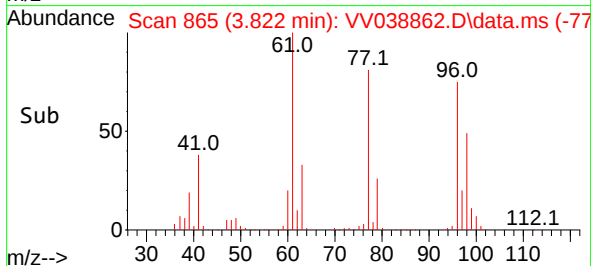
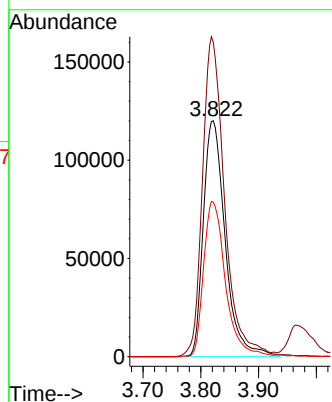
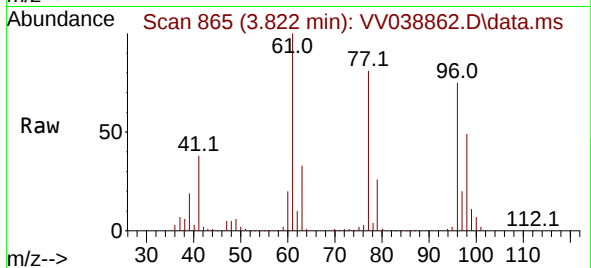
Tgt Ion: 96 Resp: 315786

Ion Ratio Lower Upper

96 100

61 136.7 0.0 268.4

98 65.7 0.0 128.0



#28

Bromochloromethane

Concen: 46.959 ug/l

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

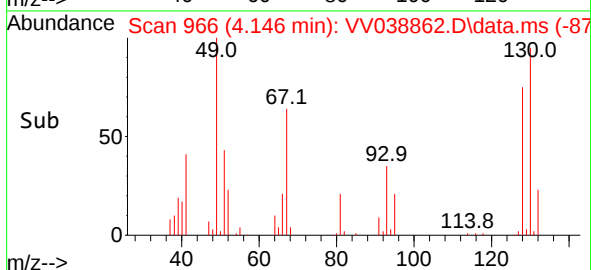
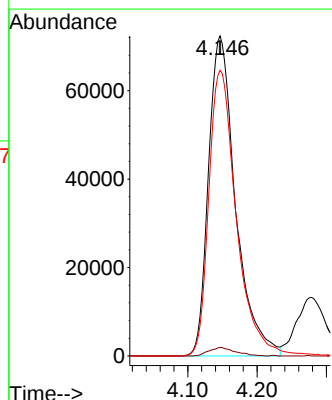
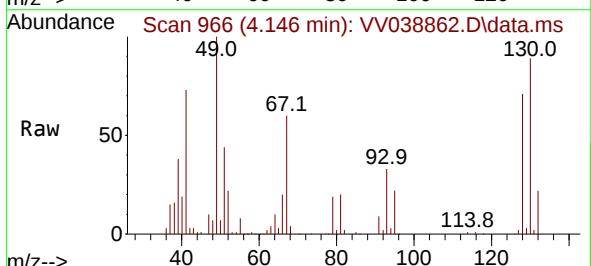
Tgt Ion: 49 Resp: 196191

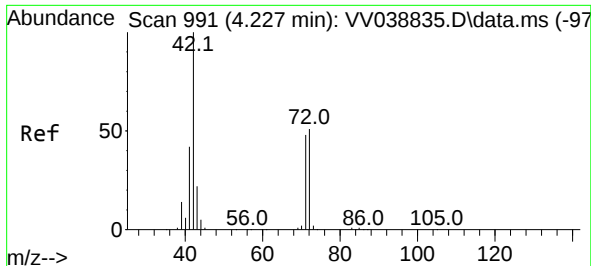
Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.2#

130 91.0 72.5 108.7





#29

Tetrahydrofuran

Concen: 285.365 ug/l

RT: 4.227 min Scan# 991

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

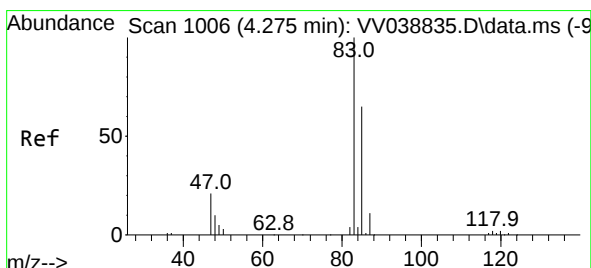
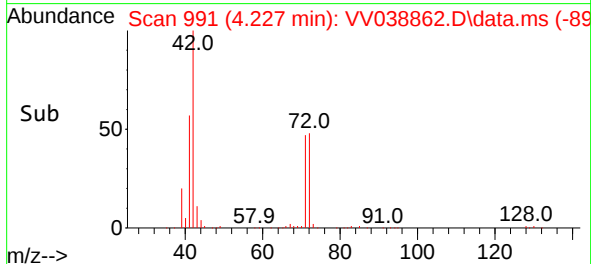
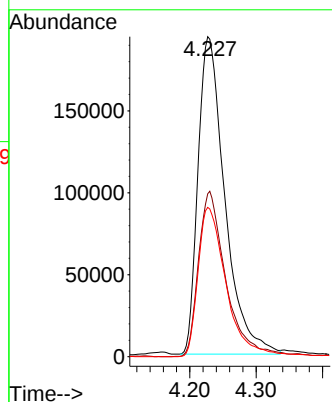
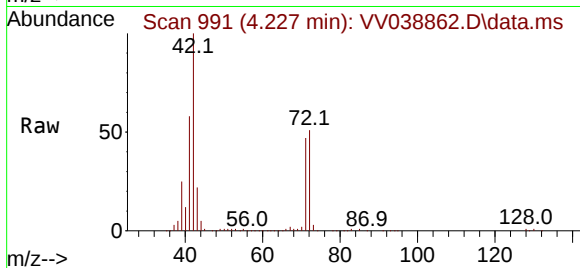
Tgt Ion: 42 Resp: 545142

Ion Ratio Lower Upper

42 100

72 53.2 41.3 61.9

71 49.6 39.2 58.8



#30

Chloroform

Concen: 51.463 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV038862.D

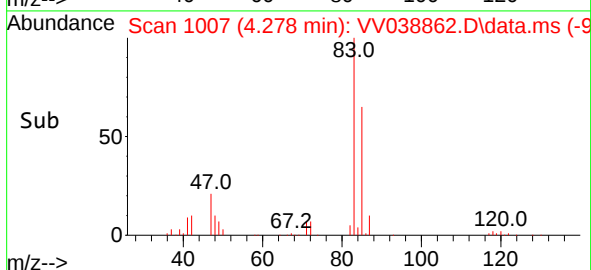
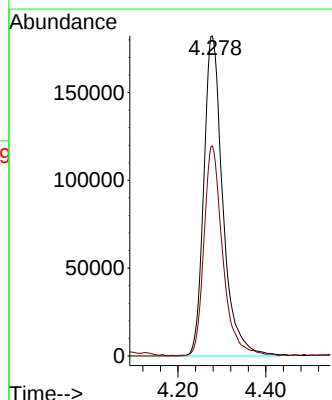
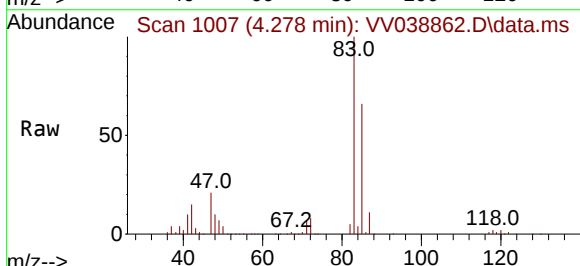
Acq: 03 Jul 2025 15:24

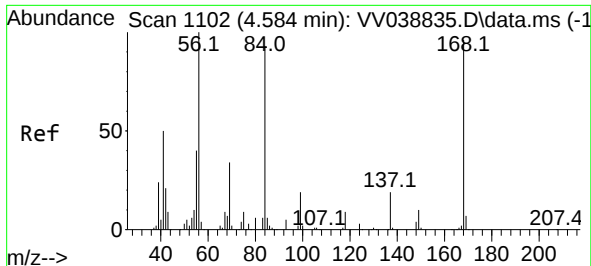
Tgt Ion: 83 Resp: 548120

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.6

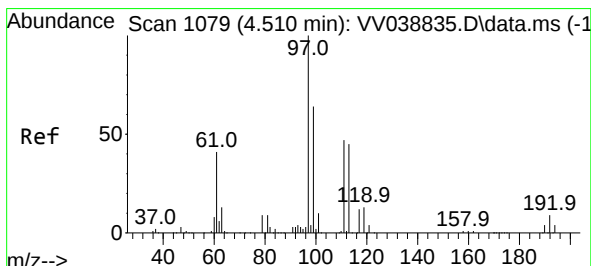
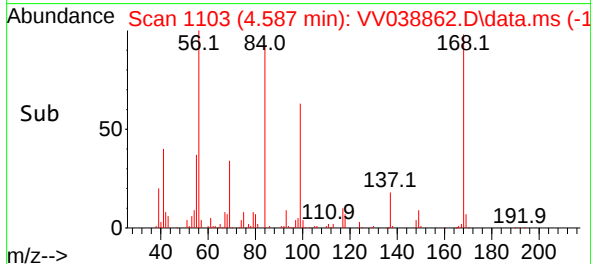
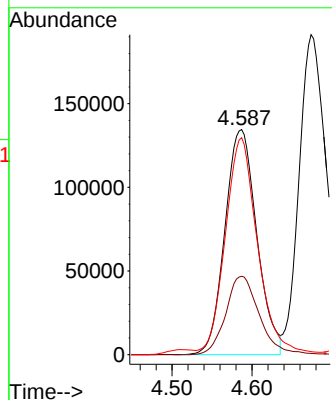
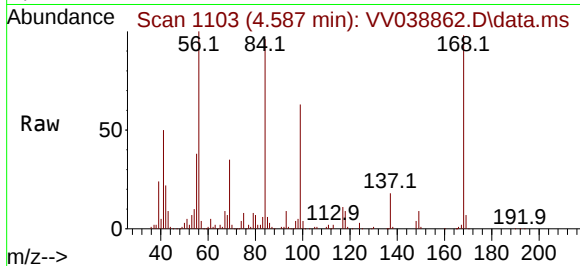




#31
Cyclohexane
Concen: 48.144 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

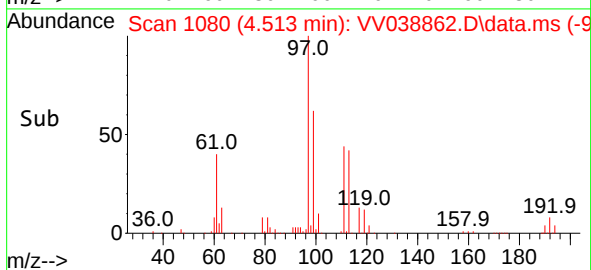
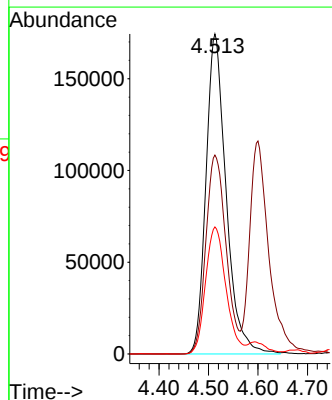
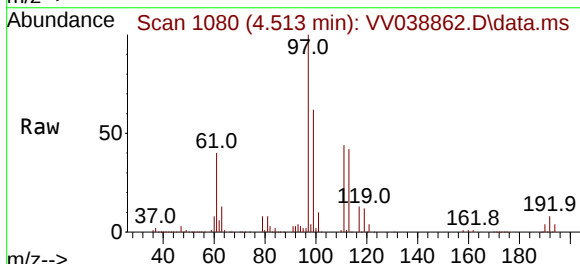
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 372707
Ion Ratio Lower Upper
56 100
69 34.9 27.0 40.4
84 94.1 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 49.855 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 97 Resp: 492816
Ion Ratio Lower Upper
97 100
99 62.3 48.8 73.2
61 40.3 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 47.751 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

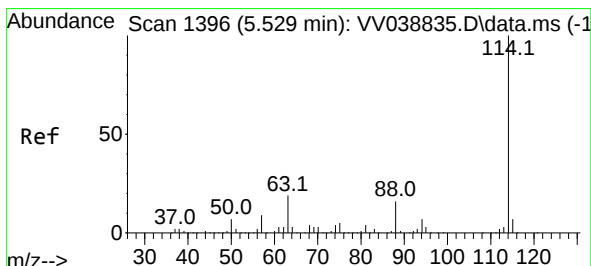
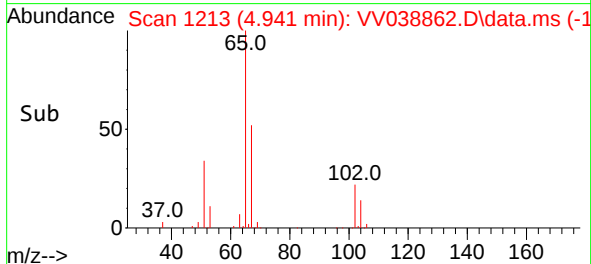
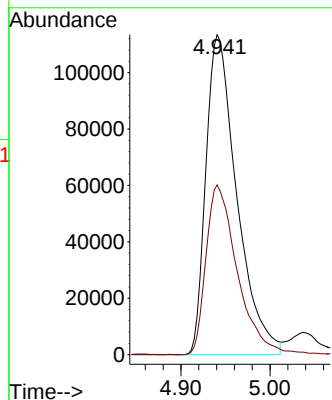
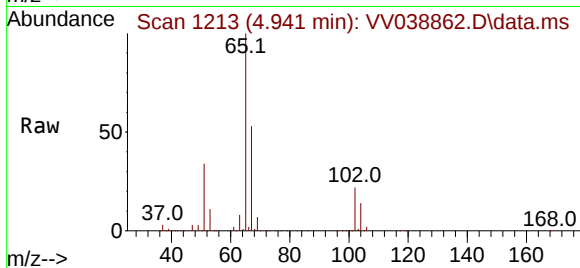
VSTDCCC050EC

Tgt Ion: 65 Resp: 273311

Ion Ratio Lower Upper

65 100

67 54.0 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: VV038862.D

Acq: 03 Jul 2025 15:24

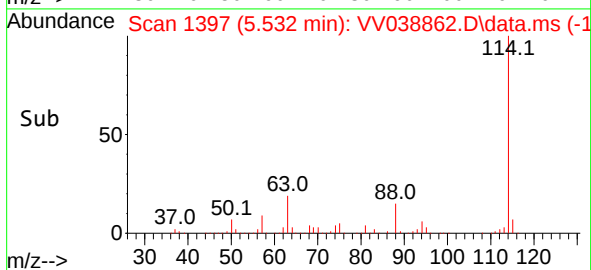
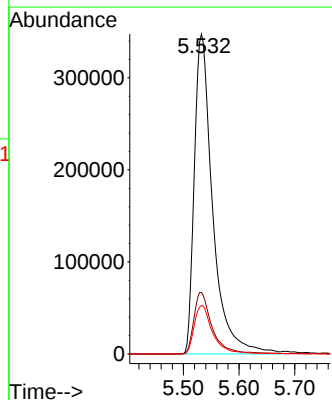
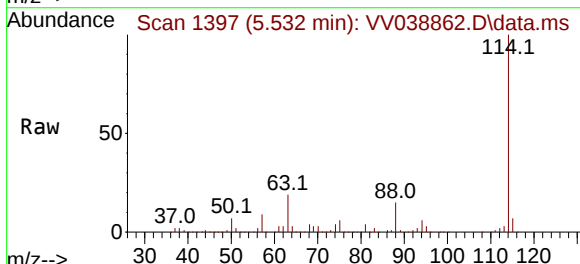
Tgt Ion: 114 Resp: 796663

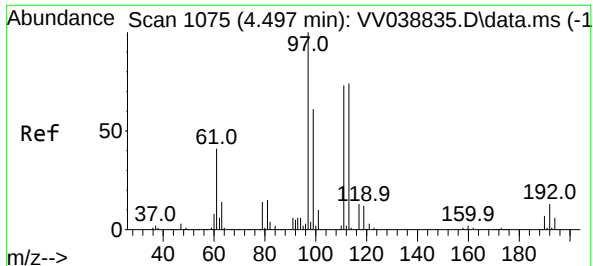
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.2 0.0 31.2

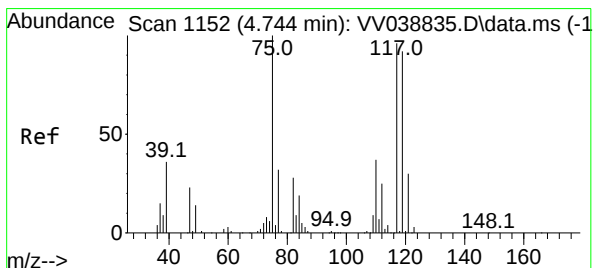
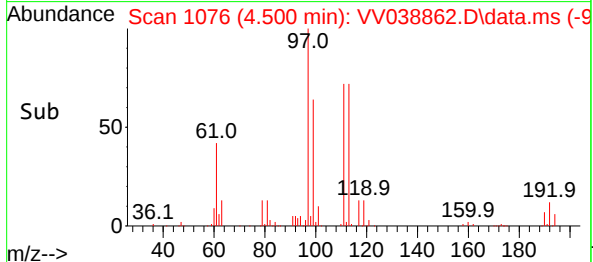
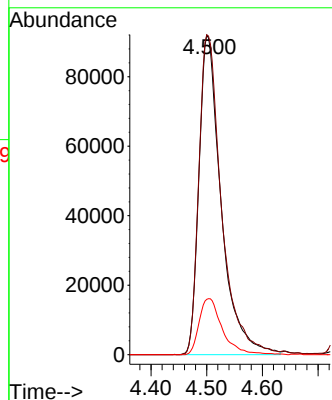
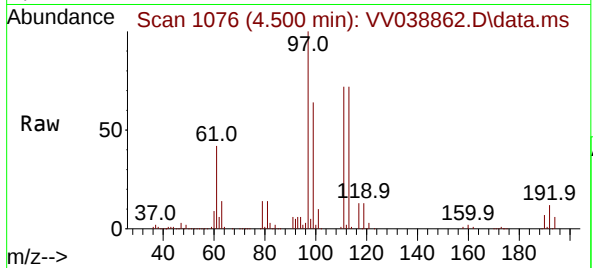




#35
Dibromofluoromethane
Concen: 50.421 ug/l
RT: 4.500 min Scan# 1113
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

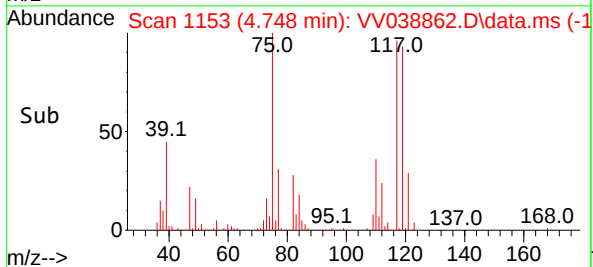
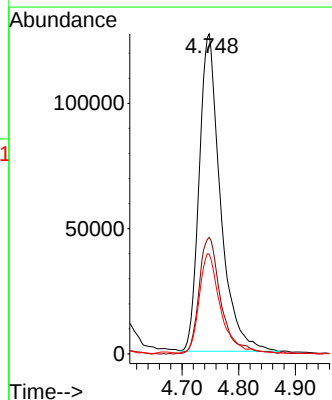
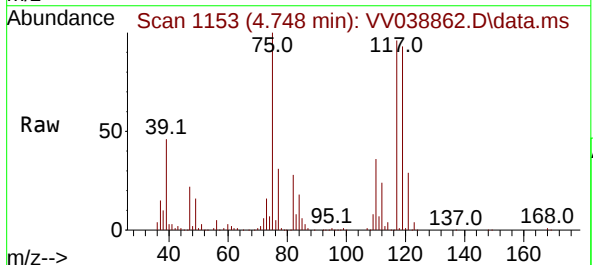
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

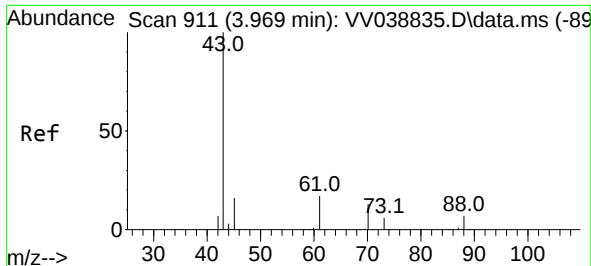
Tgt Ion:113 Resp: 254437
Ion Ratio Lower Upper
113 100
111 102.2 81.5 122.3
192 18.4 14.7 22.1



#36
1,1-Dichloropropene
Concen: 53.724 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 75 Resp: 328975
Ion Ratio Lower Upper
75 100
110 38.2 19.3 57.9
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 53.586 ug/l

RT: 3.970 min Scan# 911

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

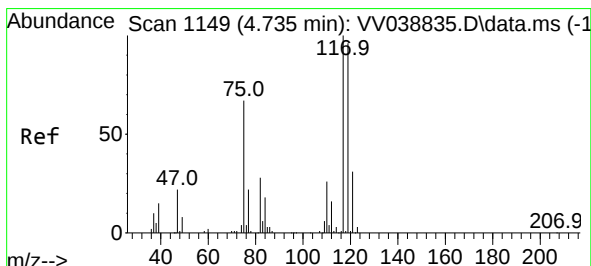
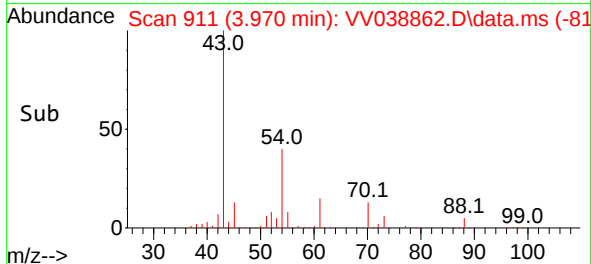
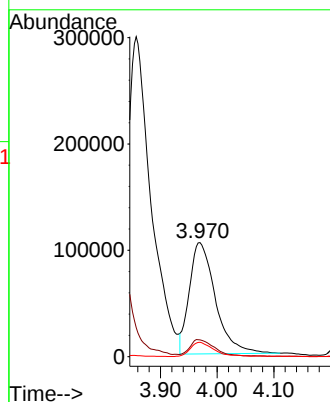
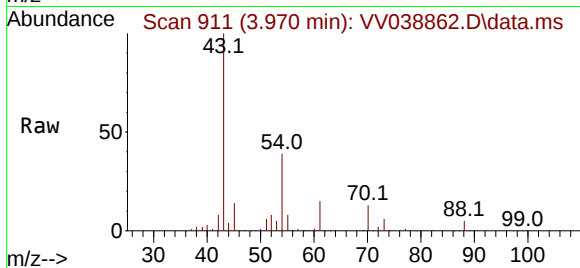
Tgt Ion: 43 Resp: 334821

Ion Ratio Lower Upper

43 100

61 13.4 13.0 19.4

70 11.5 9.6 14.4



#38

Carbon Tetrachloride

Concen: 51.965 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

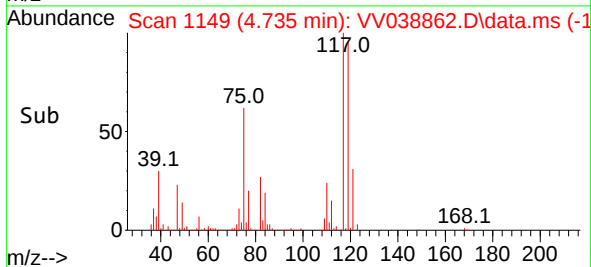
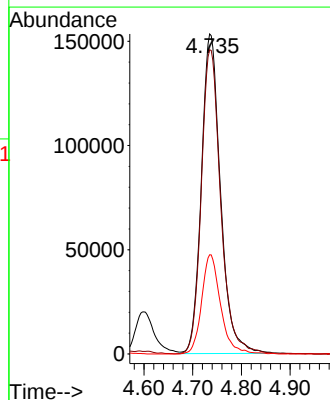
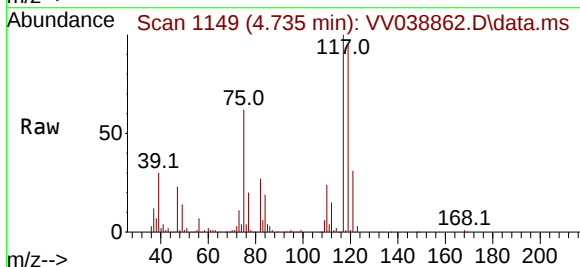
Tgt Ion: 117 Resp: 418827

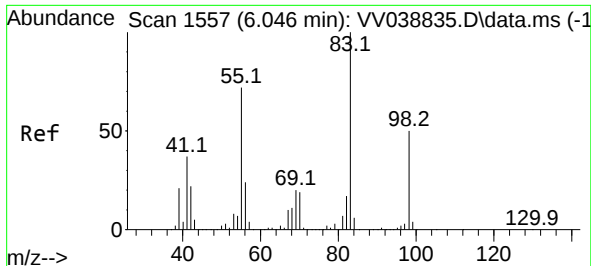
Ion Ratio Lower Upper

117 100

119 95.0 76.5 114.7

121 31.1 25.0 37.6





#39

Methylcyclohexane

Concen: 51.882 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

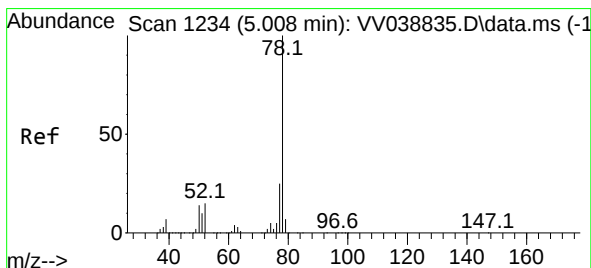
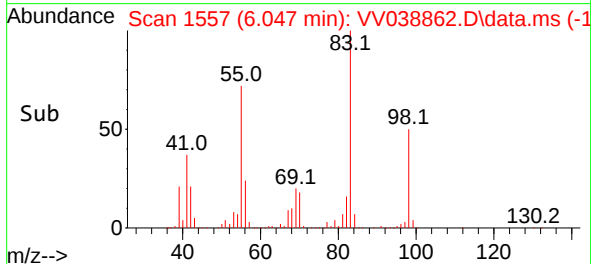
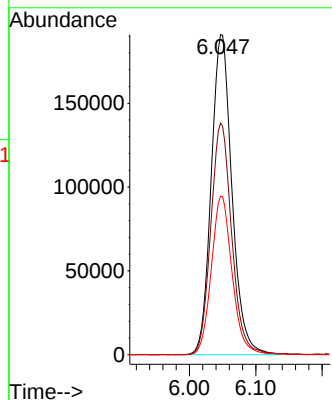
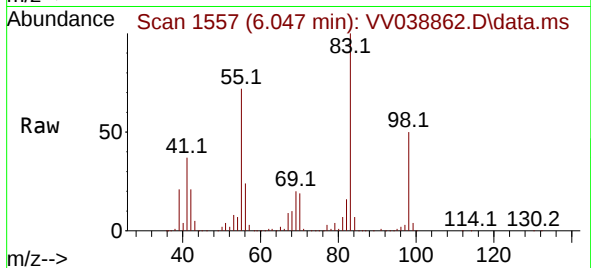
Tgt Ion: 83 Resp: 415376

Ion Ratio Lower Upper

83 100

55 72.4 57.7 86.5

98 49.6 40.2 60.2



#40

Benzene

Concen: 52.628 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038862.D

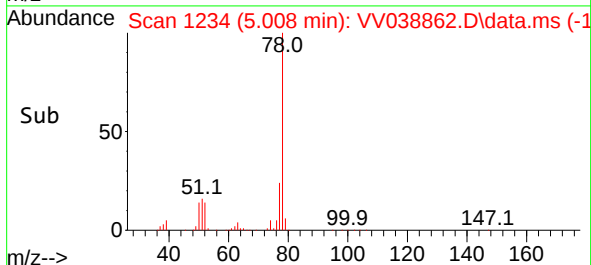
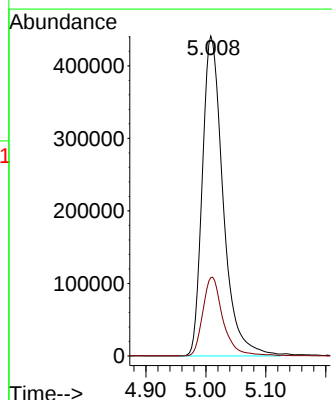
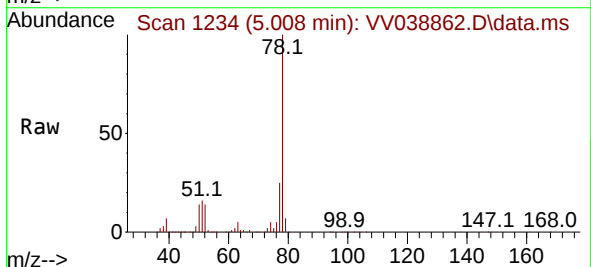
Acq: 03 Jul 2025 15:24

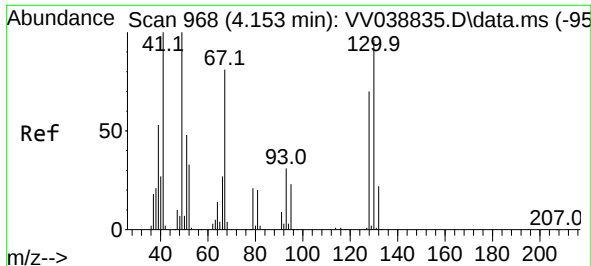
Tgt Ion: 78 Resp: 1064121

Ion Ratio Lower Upper

78 100

77 24.5 19.6 29.4



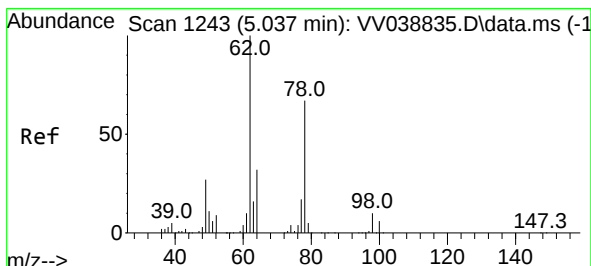
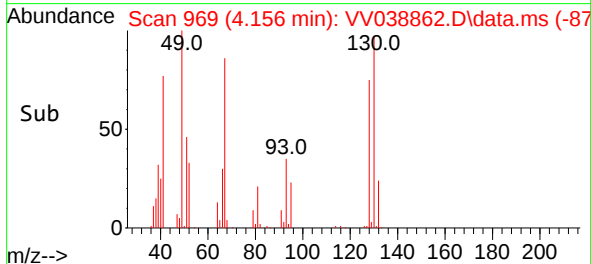
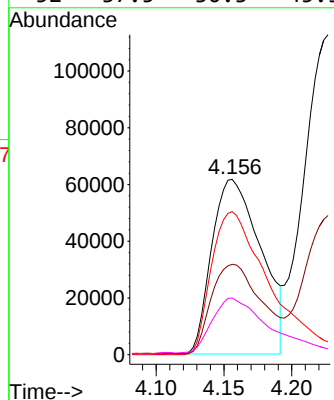
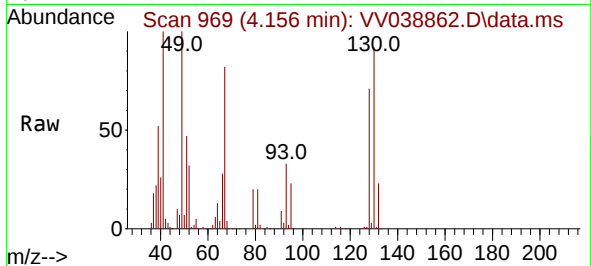


#41
Methacrylonitrile
Concen: 57.919 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 155401

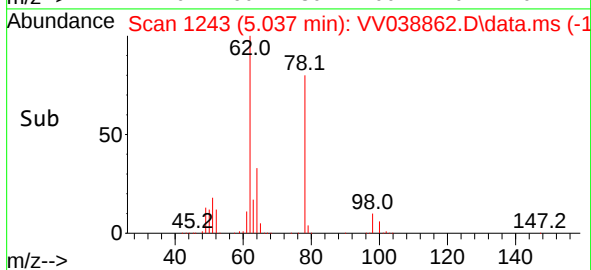
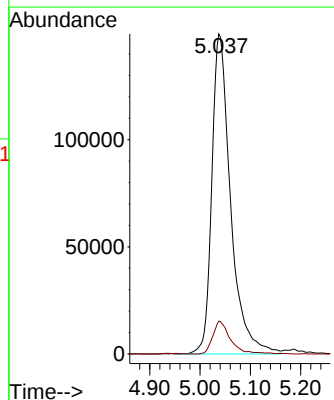
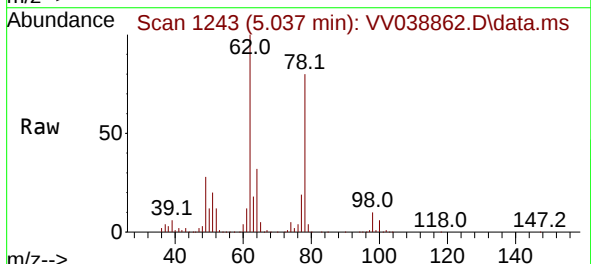
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.8	65.8
67	101.8	78.8	118.2
52	37.5	30.3	45.5

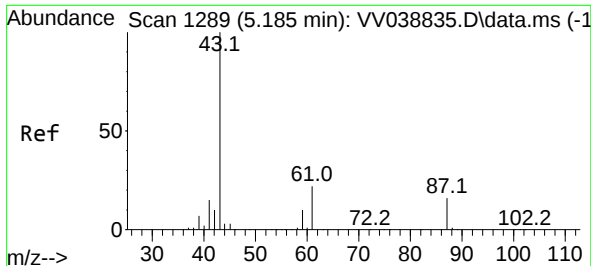


#42
1,2-Dichloroethane
Concen: 54.150 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 62 Resp: 387637

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0

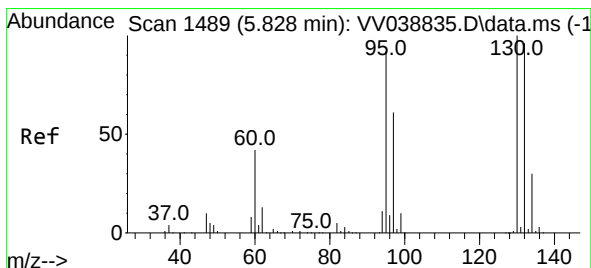
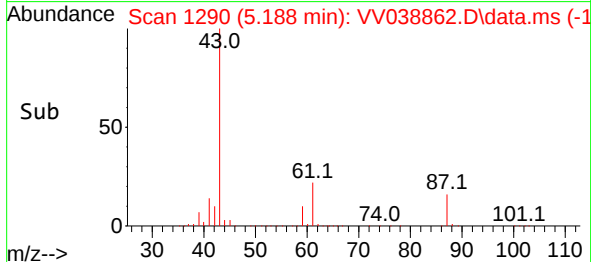
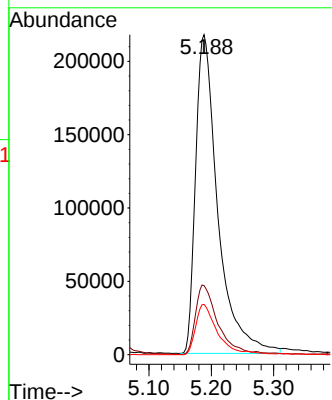
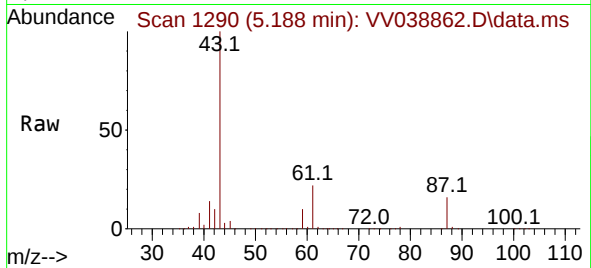




#43
Isopropyl Acetate
Concen: 53.998 ug/l
RT: 5.188 min Scan# 1289
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

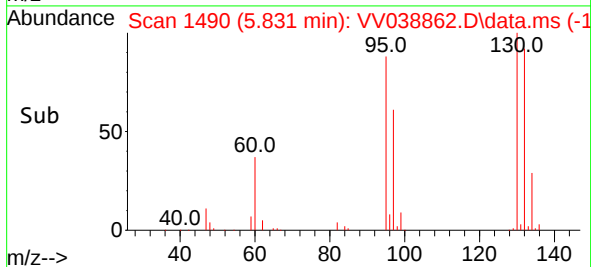
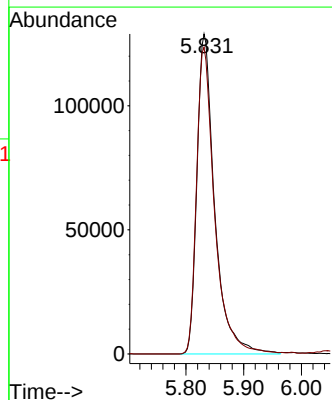
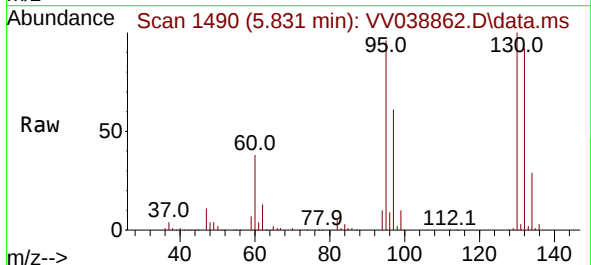
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

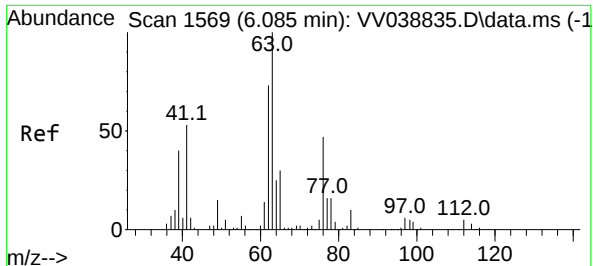
Tgt Ion: 43 Resp: 538251
Ion Ratio Lower Upper
43 100
61 21.4 17.0 25.6
87 14.7 13.0 19.6



#44
Trichloroethene
Concen: 52.132 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion:130 Resp: 275087
Ion Ratio Lower Upper
130 100
95 95.8 0.0 184.4





#45

1,2-Dichloropropane

Concen: 50.702 ug/l

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

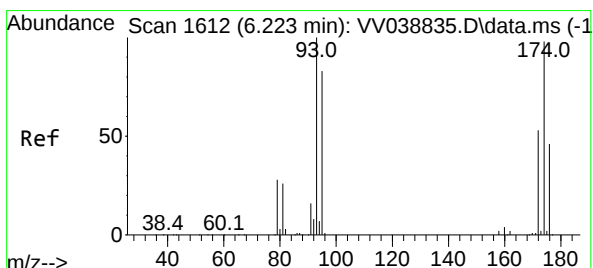
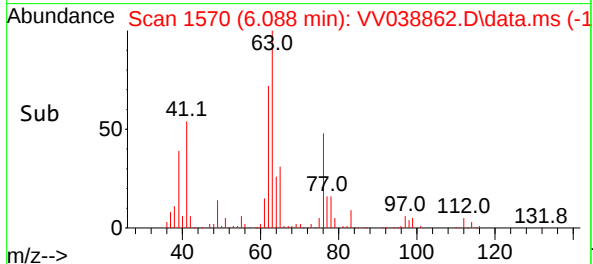
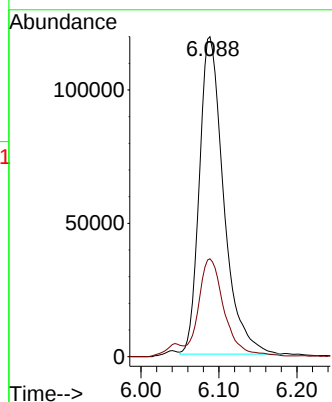
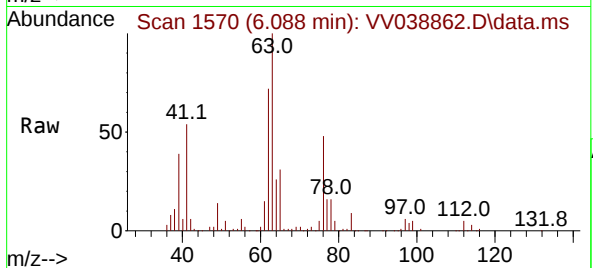
VSTDCCC050EC

Tgt Ion: 63 Resp: 257470

Ion Ratio Lower Upper

63 100

65 30.5 24.3 36.5



#46

Dibromomethane

Concen: 51.589 ug/l

RT: 6.224 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

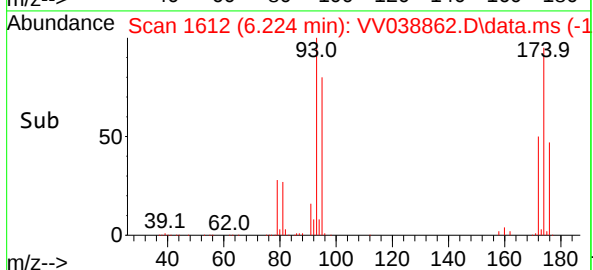
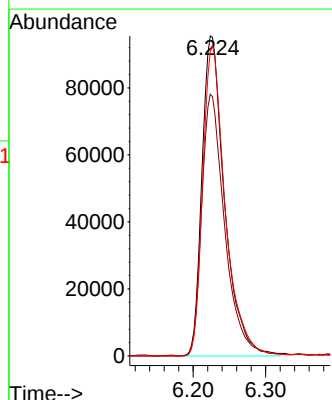
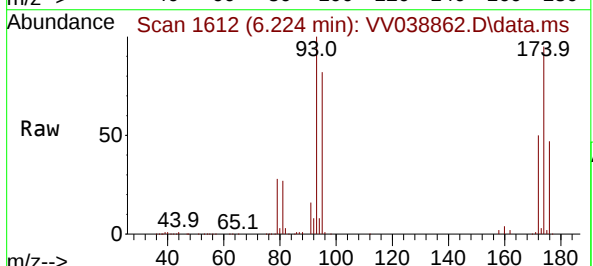
Tgt Ion: 93 Resp: 206595

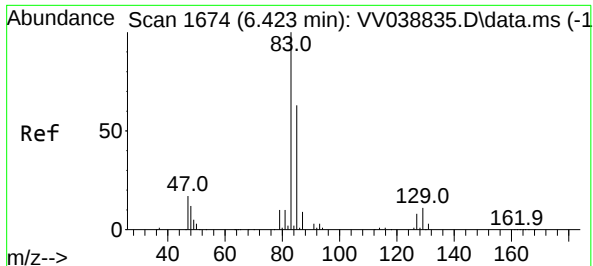
Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 96.3 78.7 118.1





#47

Bromodichloromethane

Concen: 51.036 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

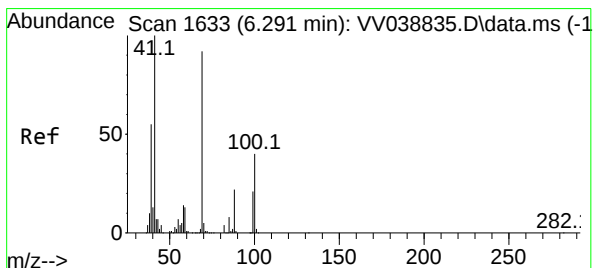
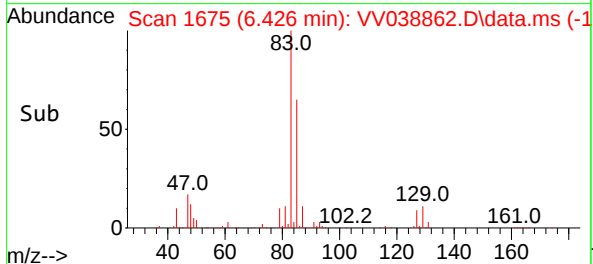
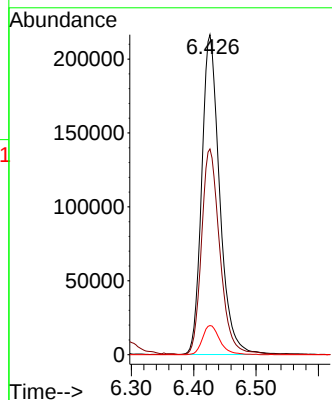
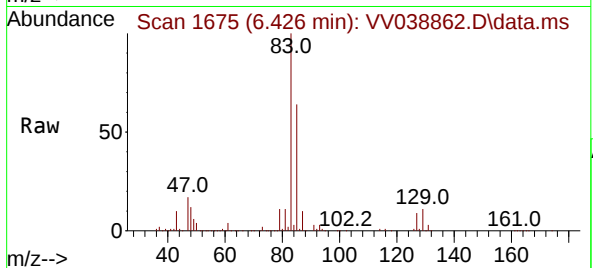
Tgt Ion: 83 Resp: 432769

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1

127 9.1 6.6 10.0



#48

Methyl methacrylate

Concen: 54.446 ug/l

RT: 6.294 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

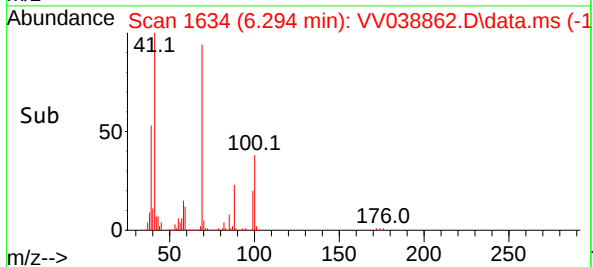
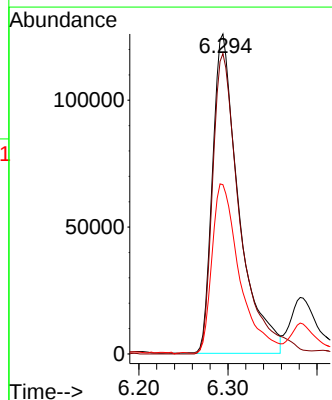
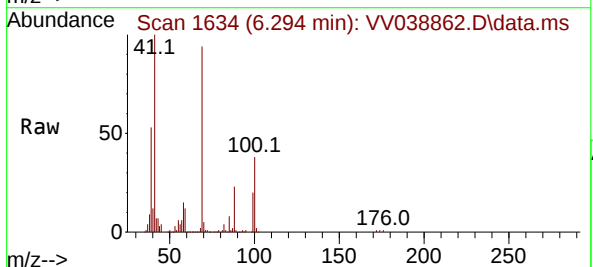
Tgt Ion: 41 Resp: 258063

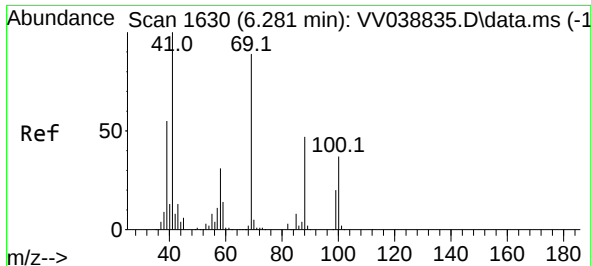
Ion Ratio Lower Upper

41 100

69 98.6 77.4 116.2

39 55.3 44.2 66.4





#49

1,4-Dioxane

Concen: 1311.566 ug/l

RT: 6.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

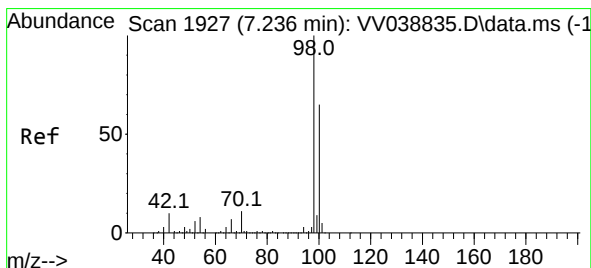
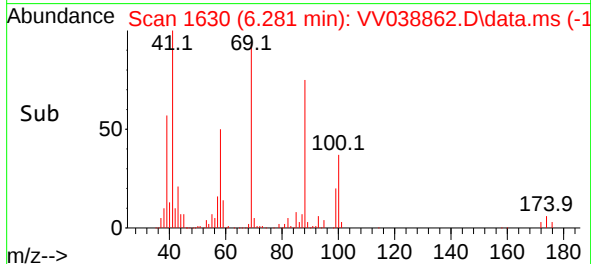
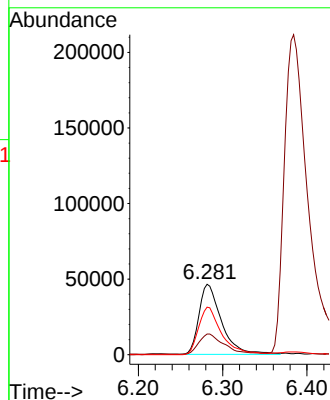
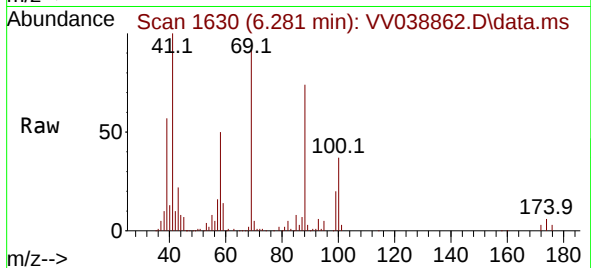
Tgt Ion: 88 Resp: 86168

Ion Ratio Lower Upper

88 100

43 32.9 25.2 37.8

58 68.7 52.1 78.1



#50

Toluene-d8

Concen: 48.588 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038862.D

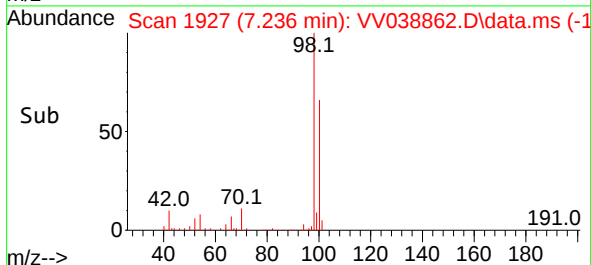
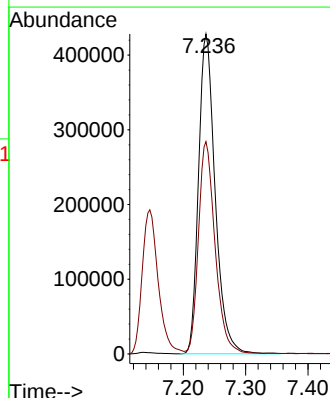
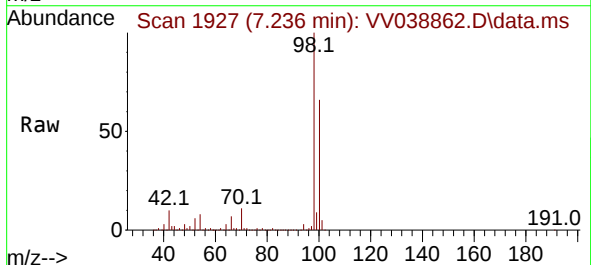
Acq: 03 Jul 2025 15:24

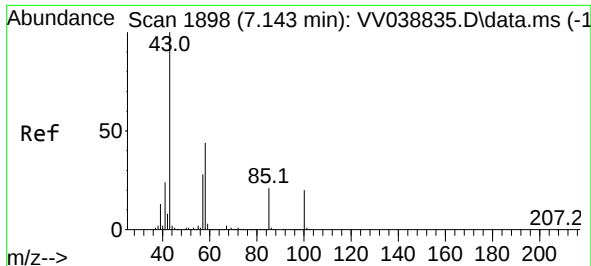
Tgt Ion: 98 Resp: 793285

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4

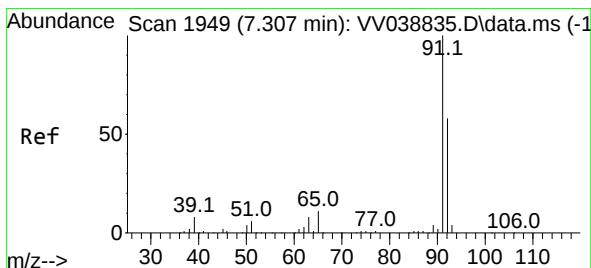
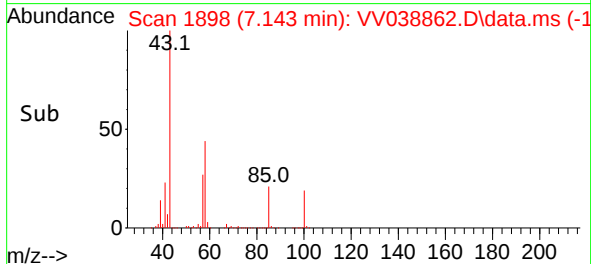
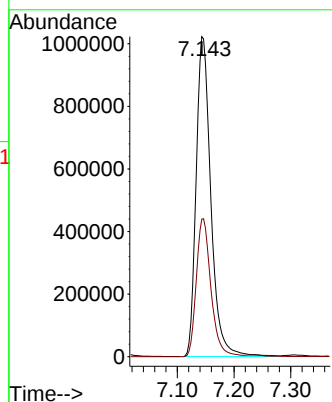
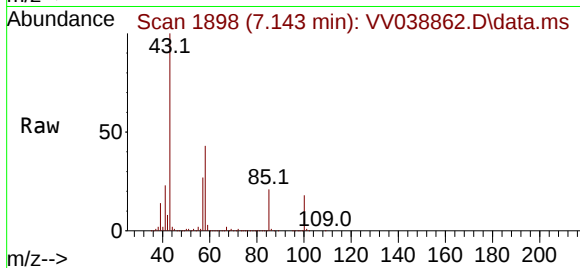




#51
4-Methyl-2-Pentanone
Concen: 293.432 ug/l
RT: 7.143 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

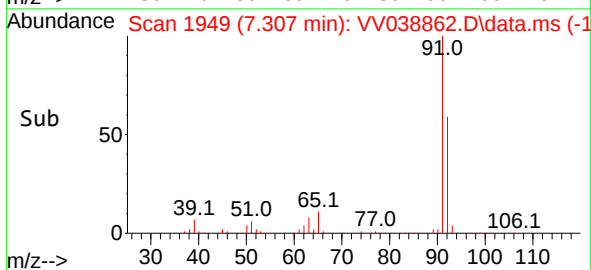
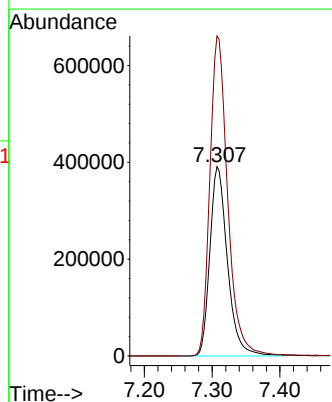
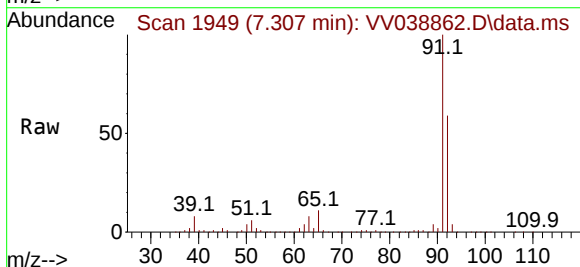
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

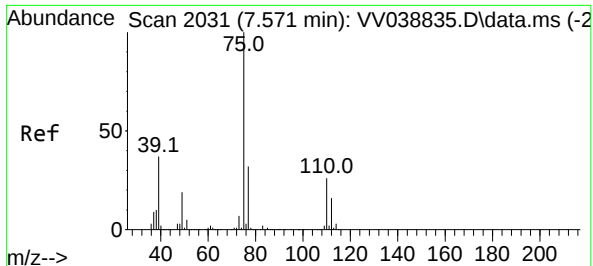
Tgt Ion: 43 Resp: 1845761
Ion Ratio Lower Upper
43 100
58 42.8 34.4 51.6



#52
Toluene
Concen: 55.666 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 92 Resp: 703234
Ion Ratio Lower Upper
92 100
91 172.2 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 53.253 ug/l

RT: 7.574 min Scan# 2031

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

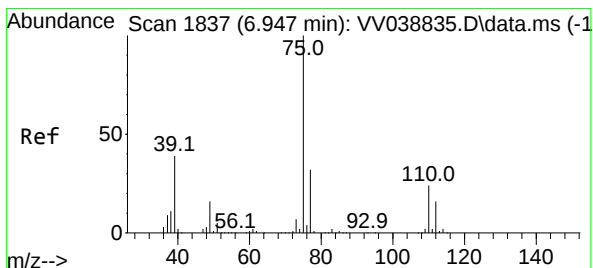
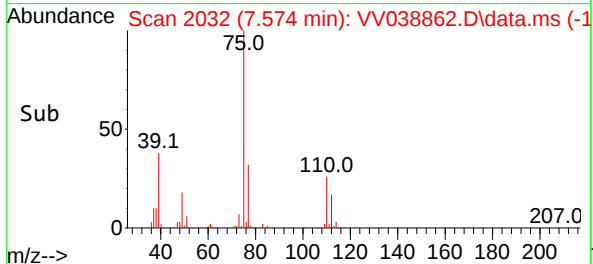
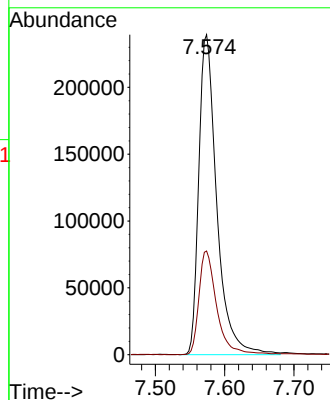
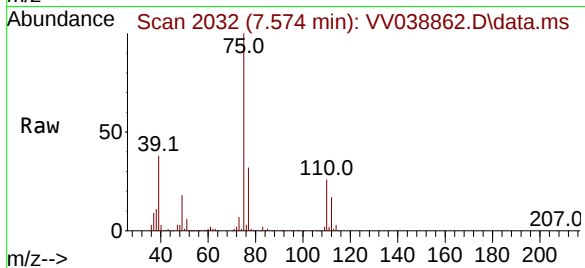
VSTDCCC050EC

Tgt Ion: 75 Resp: 432306

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 55.395 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

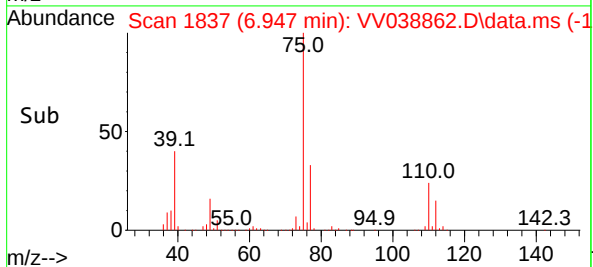
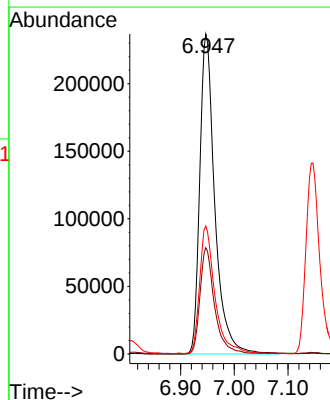
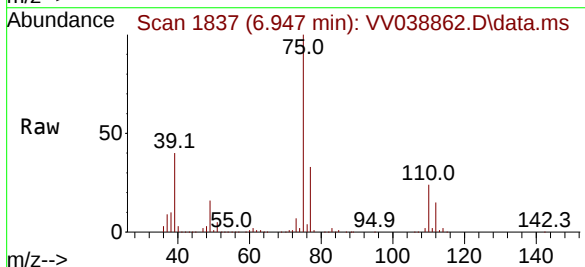
Tgt Ion: 75 Resp: 459799

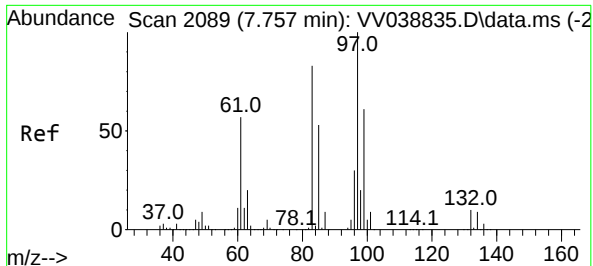
Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.8

39 39.7 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 53.529 ug/l

RT: 7.760 min Scan# 2089

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 295706

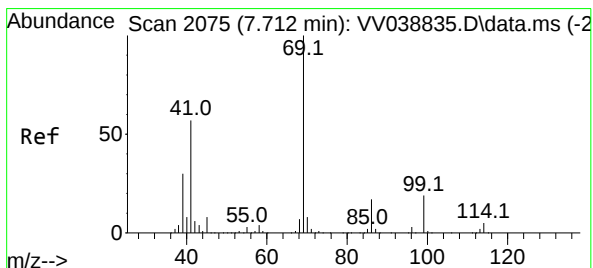
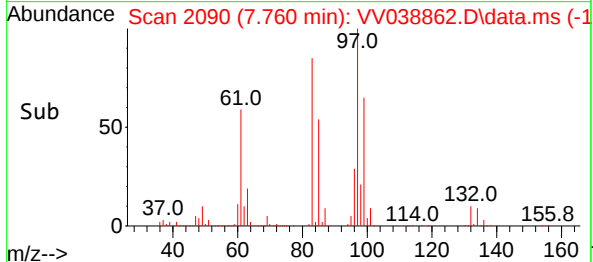
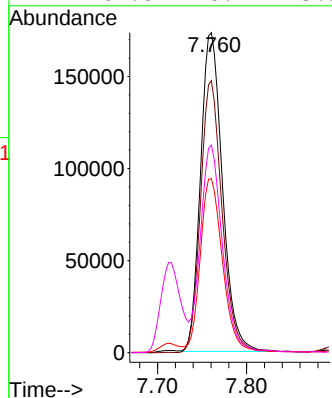
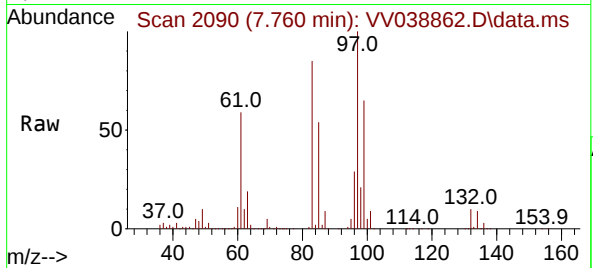
Ion Ratio Lower Upper

97 100

83 85.2 66.2 99.4

85 54.3 42.2 63.4

99 64.8 48.9 73.3



#56

Ethyl methacrylate

Concen: 59.043 ug/l

RT: 7.712 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

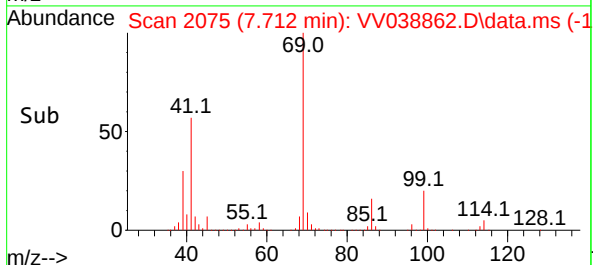
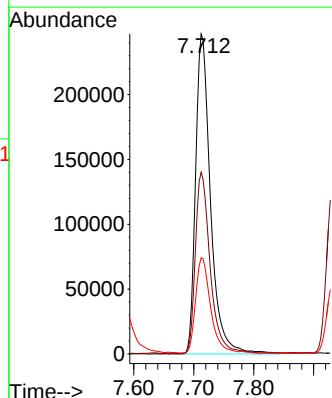
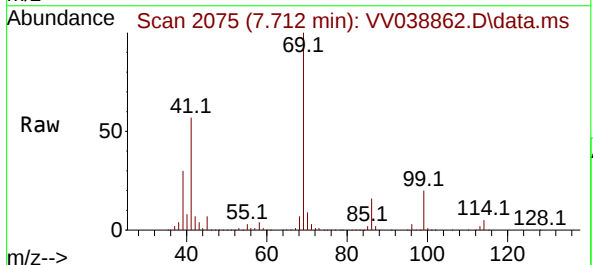
Tgt Ion: 69 Resp: 429095

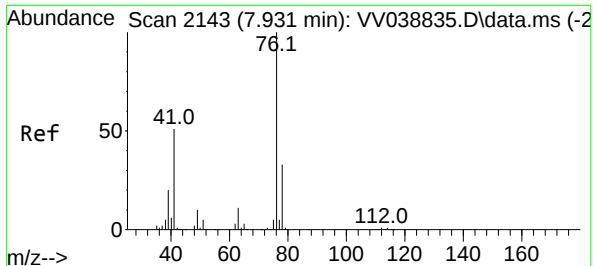
Ion Ratio Lower Upper

69 100

41 56.2 46.1 69.1

39 29.9 24.1 36.1





#57

1,3-Dichloropropane

Concen: 53.865 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

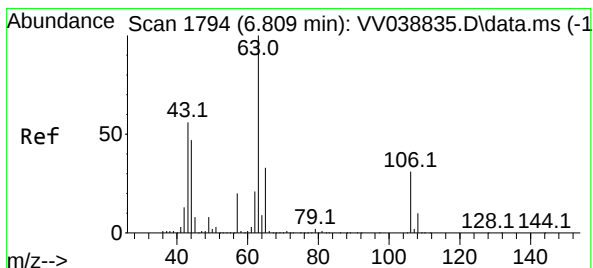
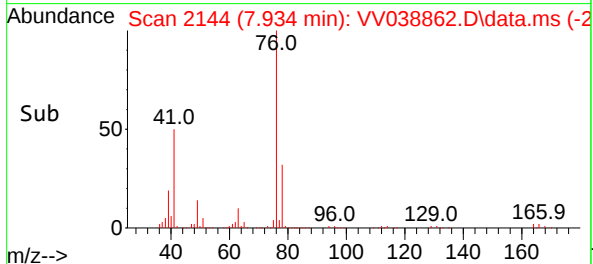
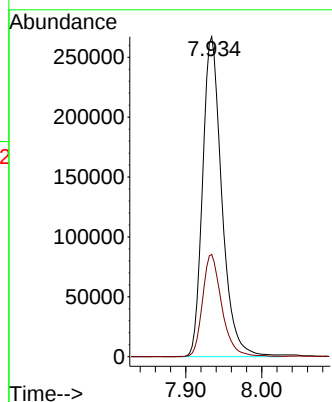
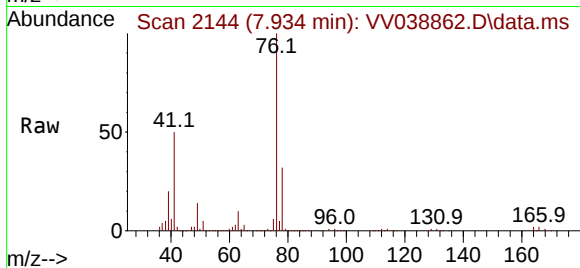
VSTDCCC050EC

Tgt Ion: 76 Resp: 468755

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 263.282 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VV038862.D

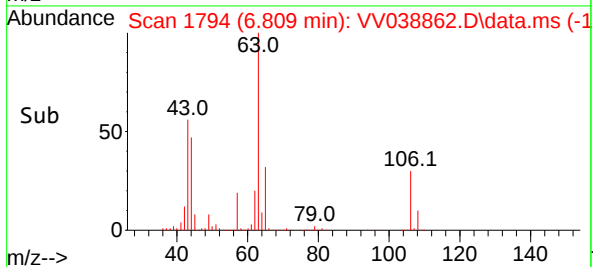
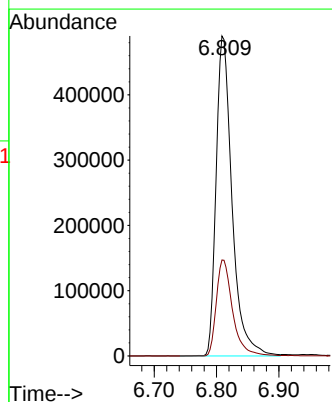
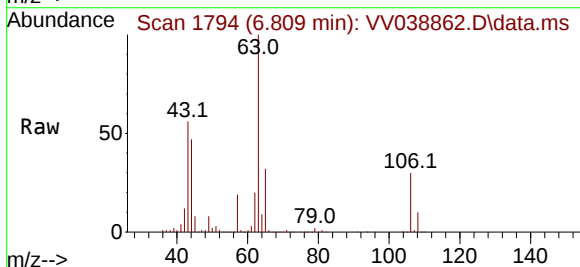
Acq: 03 Jul 2025 15:24

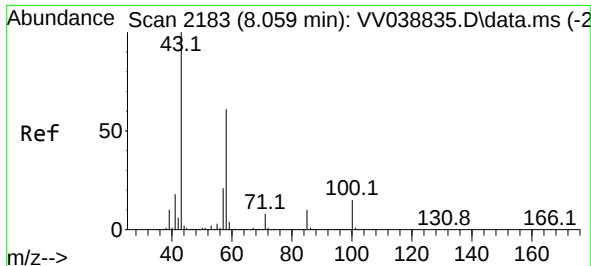
Tgt Ion: 63 Resp: 868824

Ion Ratio Lower Upper

63 100

106 30.7 24.6 37.0

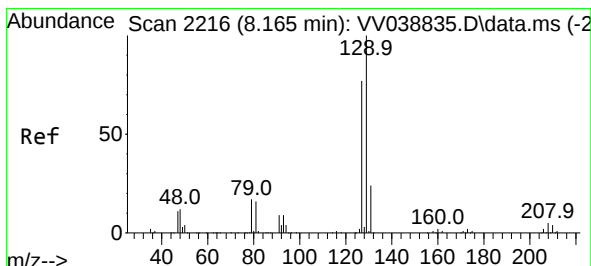
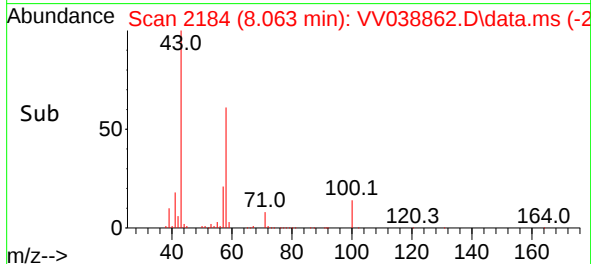
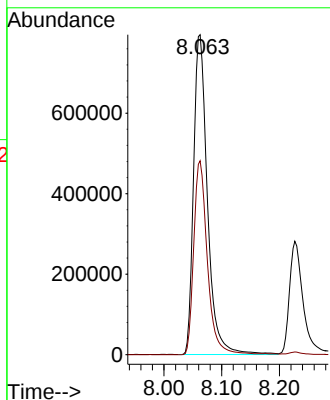
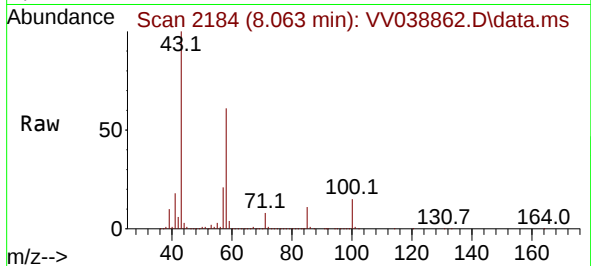




#59
2-Hexanone
Concen: 299.671 ug/l
RT: 8.063 min Scan# 2183
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

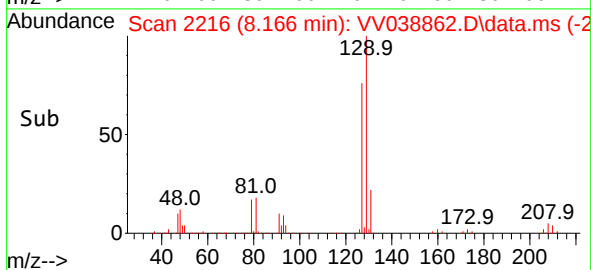
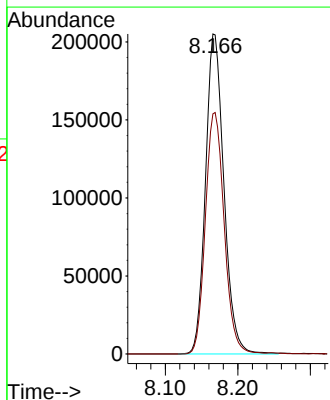
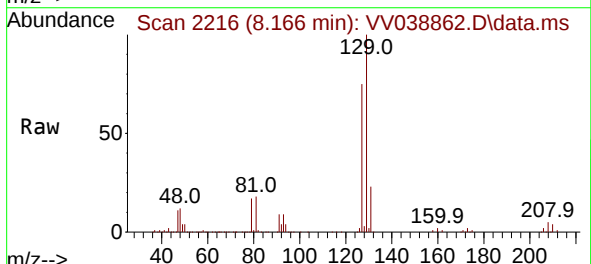
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

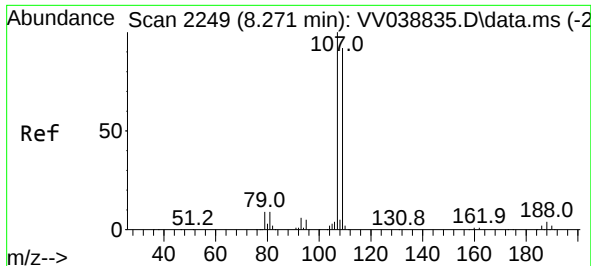
Tgt Ion: 43 Resp: 1329540
Ion Ratio Lower Upper
43 100
58 59.4 30.3 91.0



#60
Dibromochloromethane
Concen: 51.980 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 129 Resp: 361548
Ion Ratio Lower Upper
129 100
127 77.1 38.2 114.6

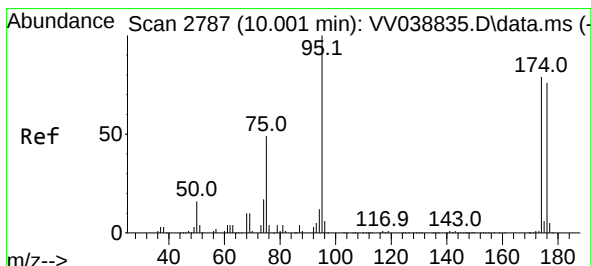
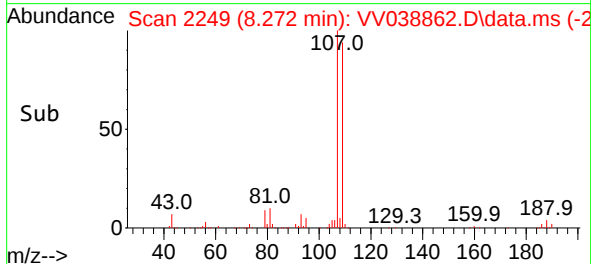
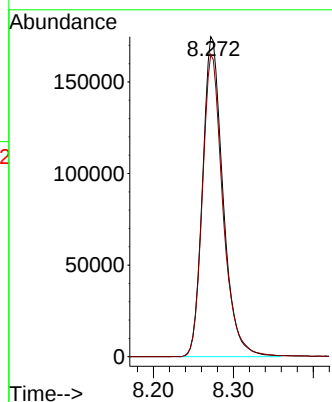
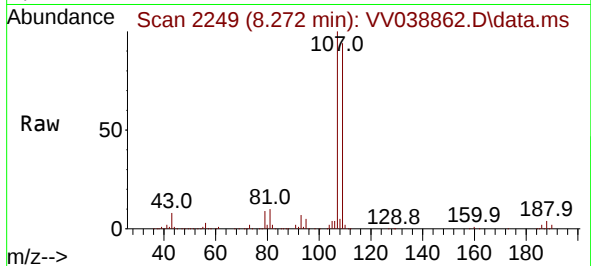




#61
1,2-Dibromoethane
Concen: 54.230 ug/l
RT: 8.272 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

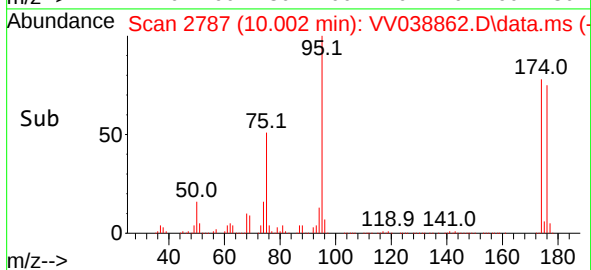
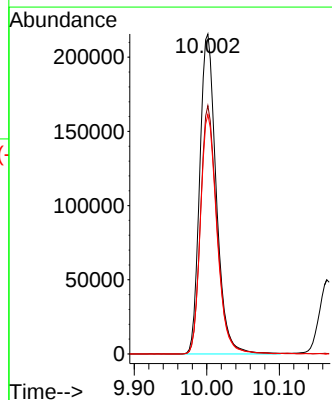
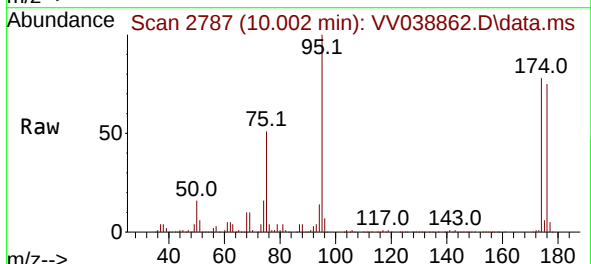
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

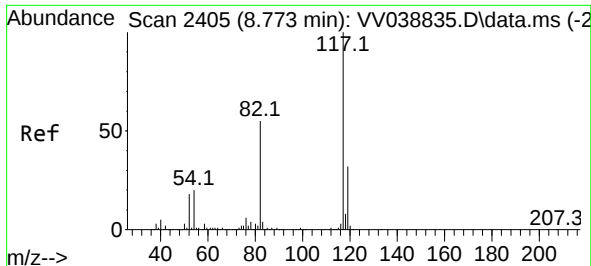
Tgt Ion:107 Resp: 309941
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 51.765 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 95 Resp: 341452
Ion Ratio Lower Upper
95 100
174 77.4 0.0 158.2
176 74.9 0.0 154.4

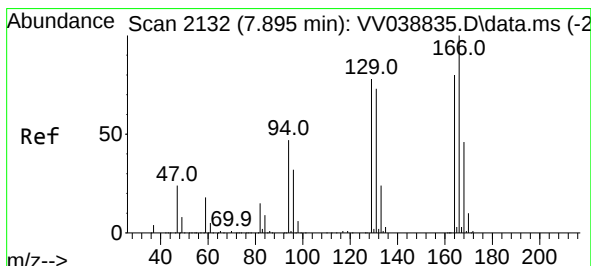
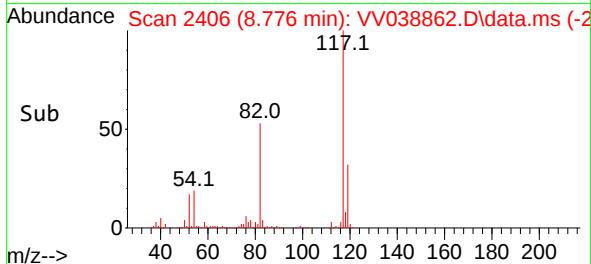
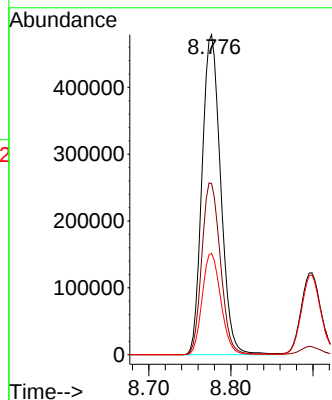
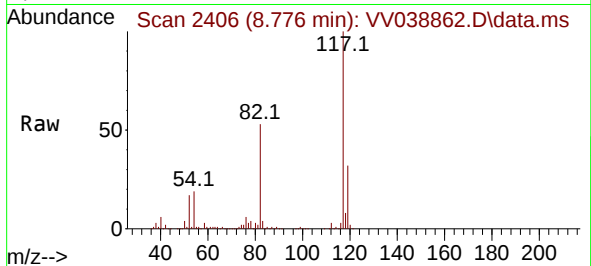




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

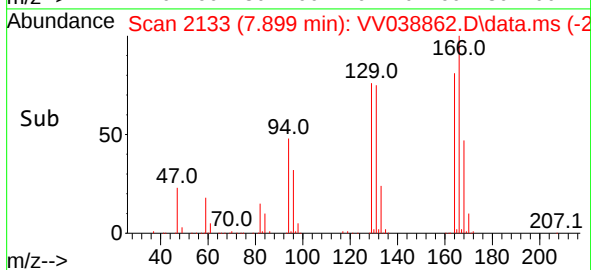
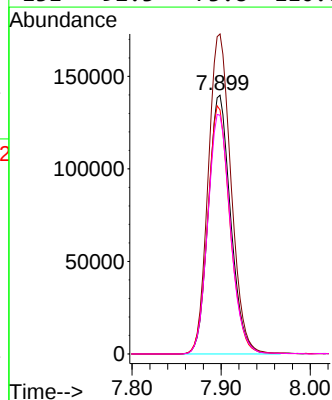
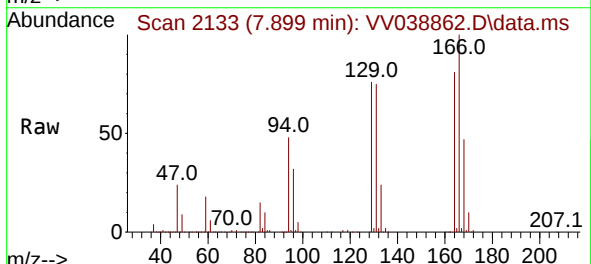
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

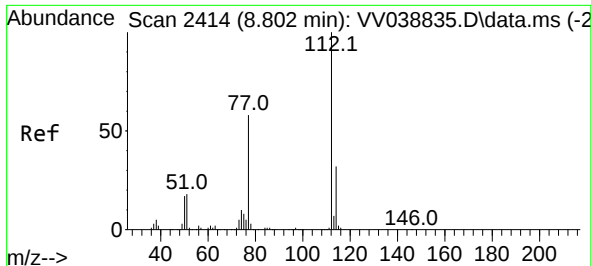
Tgt Ion:117 Resp: 754809
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 50.047 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion:164 Resp: 242919
Ion Ratio Lower Upper
164 100
166 123.7 100.6 151.0
129 94.3 78.4 117.6
131 92.3 73.8 110.6

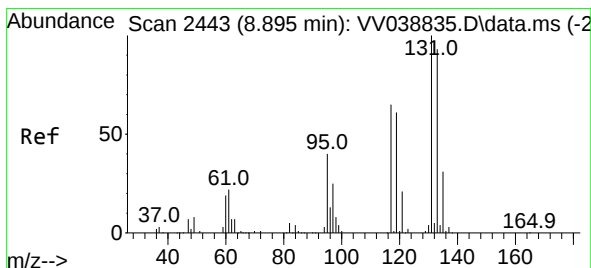
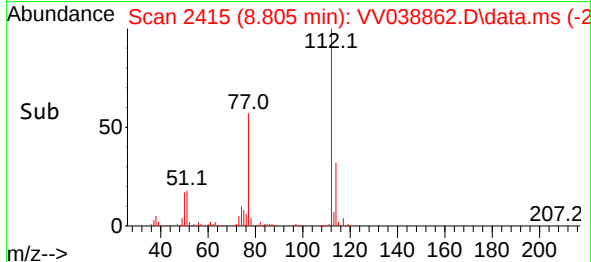
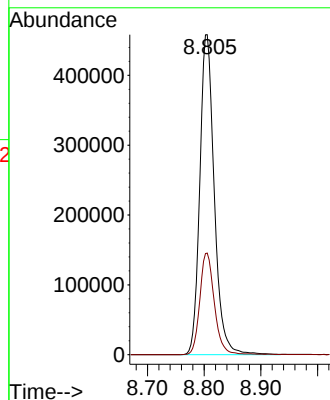
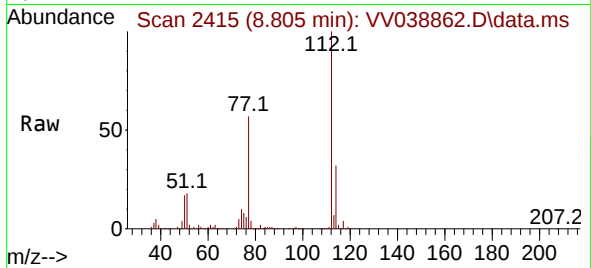




#65
Chlorobenzene
Concen: 51.181 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

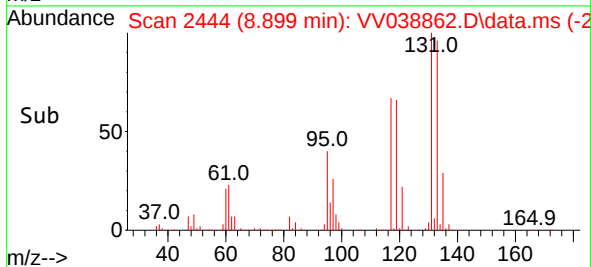
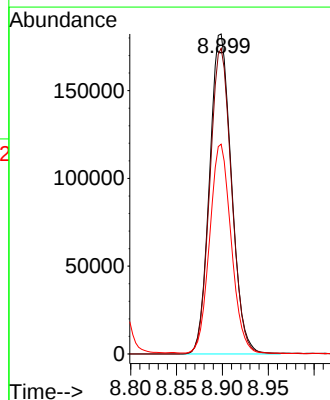
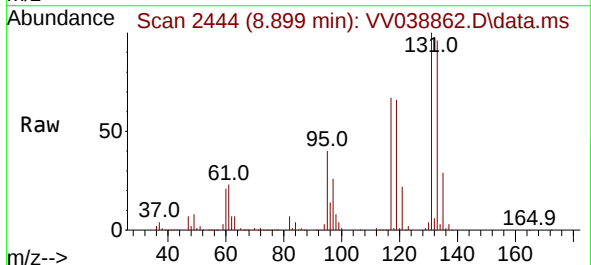
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

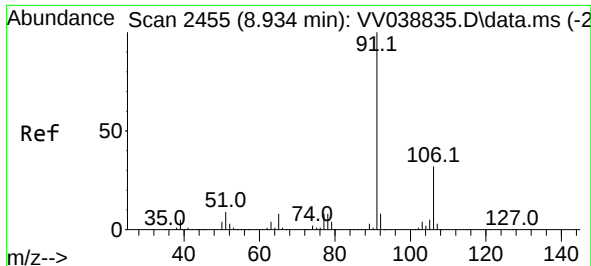
Tgt Ion:112 Resp: 814129
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.009 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion:131 Resp: 302993
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 64.4 31.0 93.0





#67

Ethyl Benzene

Concen: 54.719 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

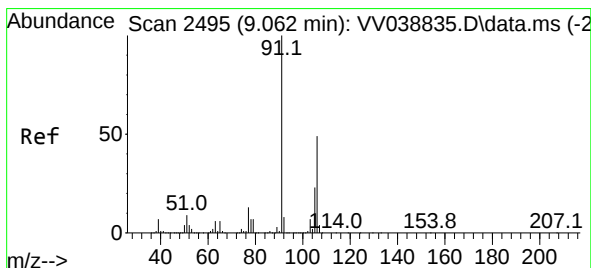
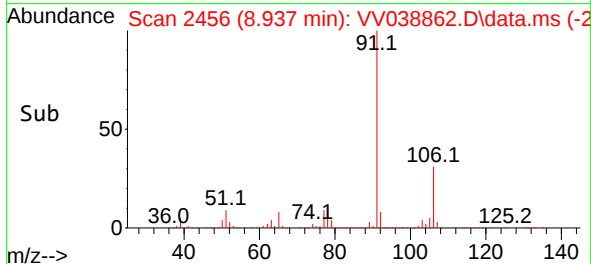
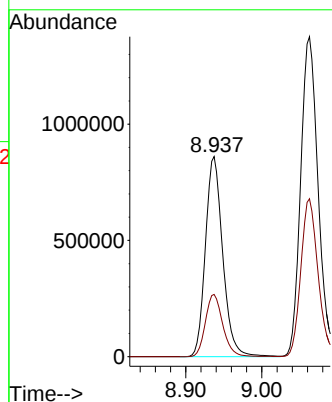
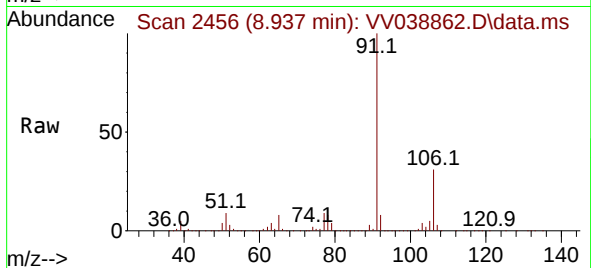
VSTDCCC050EC

Tgt Ion: 91 Resp: 1363738

Ion Ratio Lower Upper

91 100

106 31.1 25.2 37.8



#68

m/p-Xylenes

Concen: 112.675 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038862.D

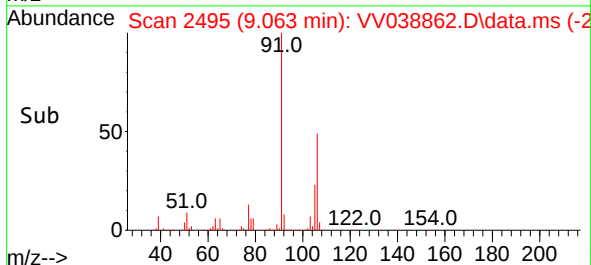
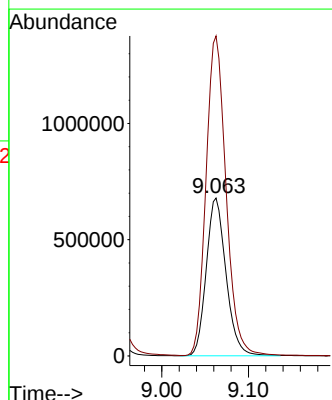
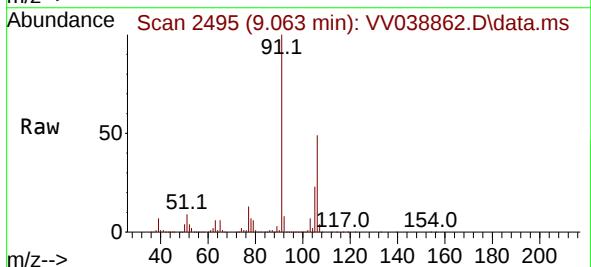
Acq: 03 Jul 2025 15:24

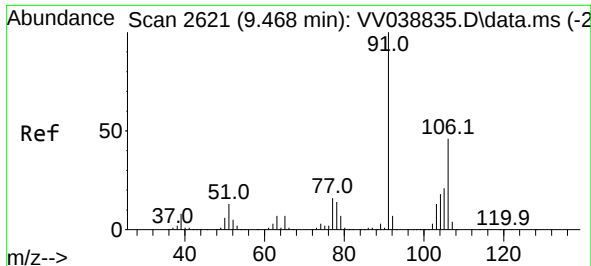
Tgt Ion:106 Resp: 1075577

Ion Ratio Lower Upper

106 100

91 205.1 162.9 244.3

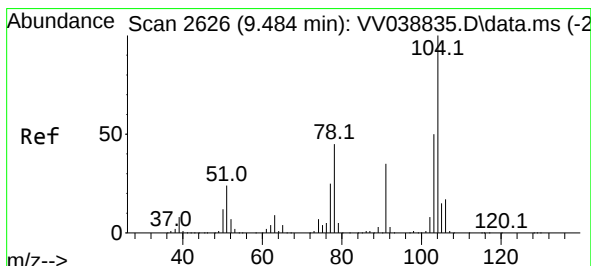
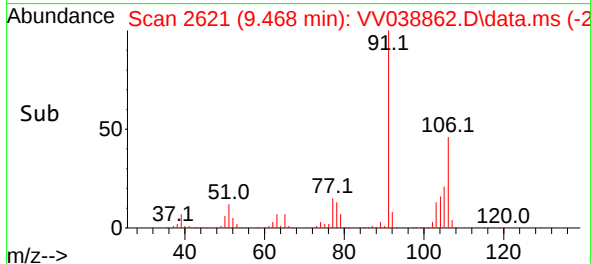
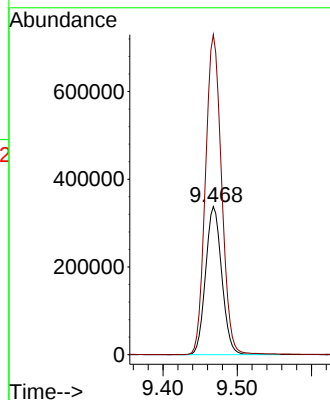
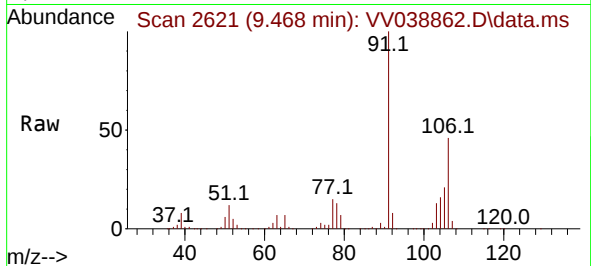




#69
o-Xylene
Concen: 55.997 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

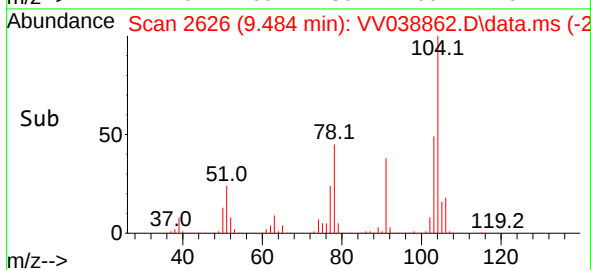
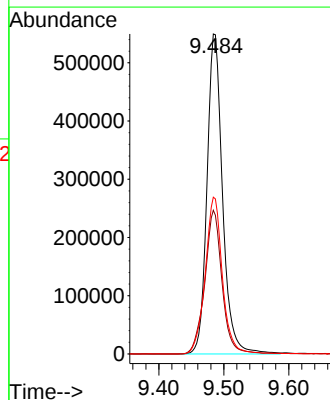
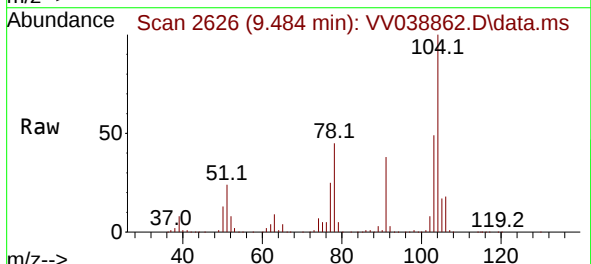
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

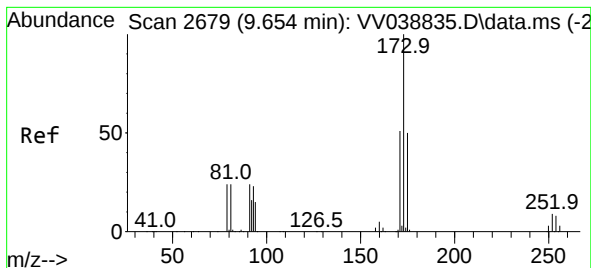
Tgt Ion:106 Resp: 510703
Ion Ratio Lower Upper
106 100
91 215.8 107.6 322.8



#70
Styrene
Concen: 57.643 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion:104 Resp: 917870
Ion Ratio Lower Upper
104 100
78 49.6 39.9 59.9
103 54.3 43.4 65.0





#71

Bromoform

Concen: 53.888 ug/l

RT: 9.654 min Scan# 2679

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

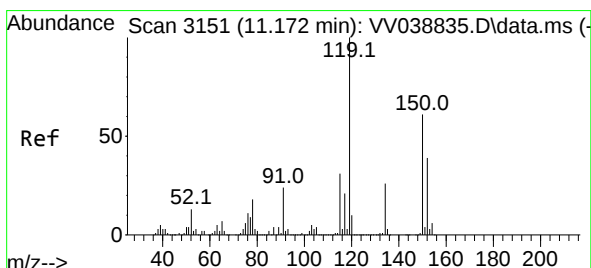
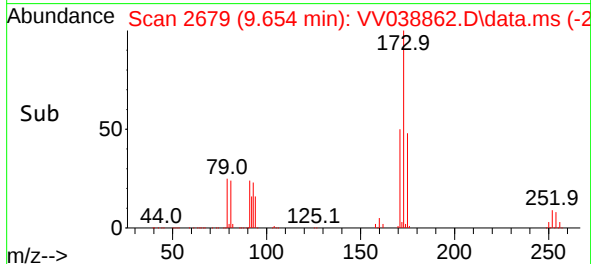
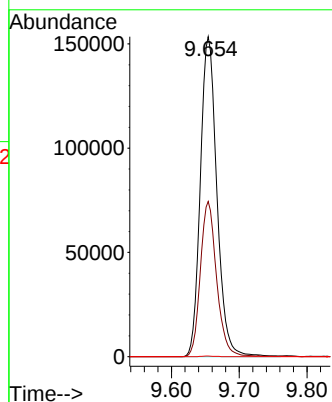
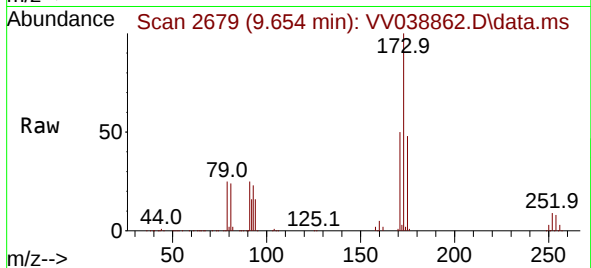
Tgt Ion:173 Resp: 260110

Ion Ratio Lower Upper

173 100

175 47.4 24.3 72.9

254 0.1 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: VV038862.D

Acq: 03 Jul 2025 15:24

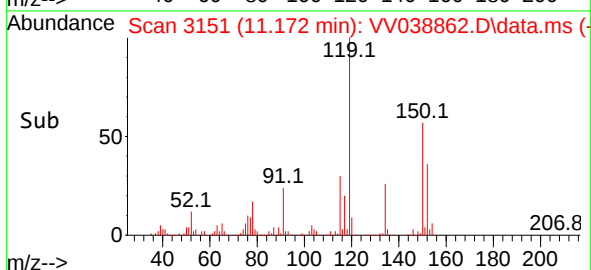
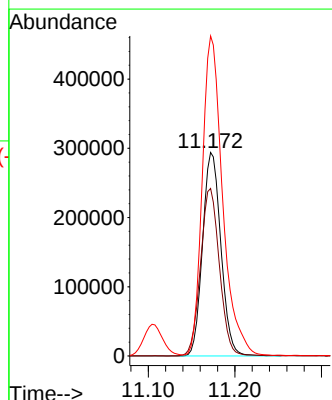
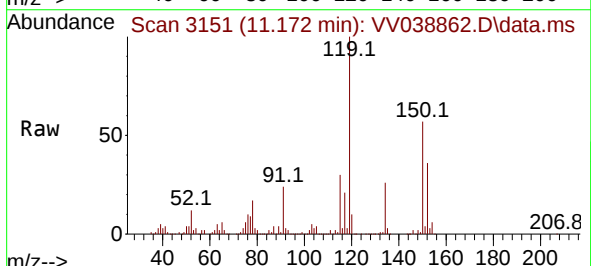
Tgt Ion:152 Resp: 432406

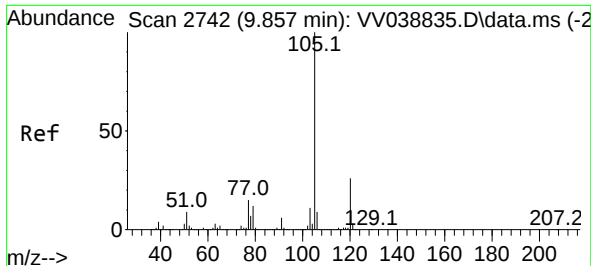
Ion Ratio Lower Upper

152 100

115 84.9 42.0 126.0

150 173.9 0.0 343.6

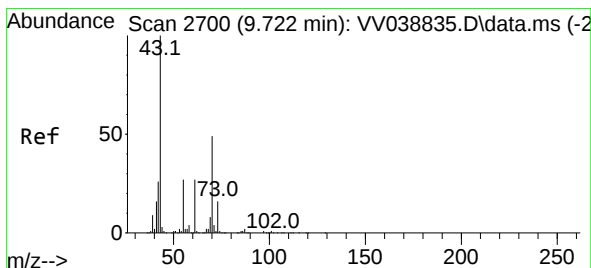
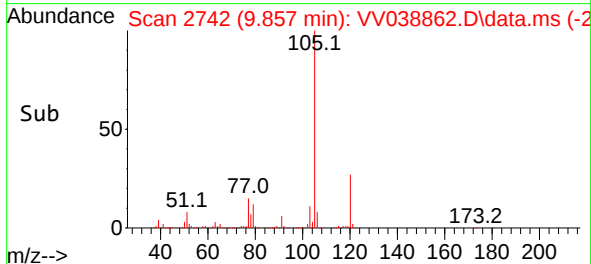
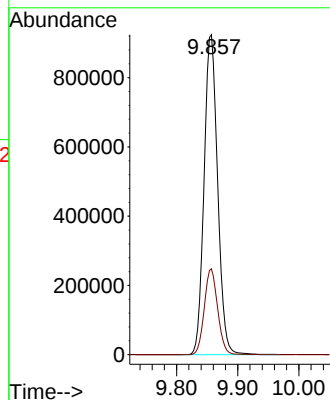
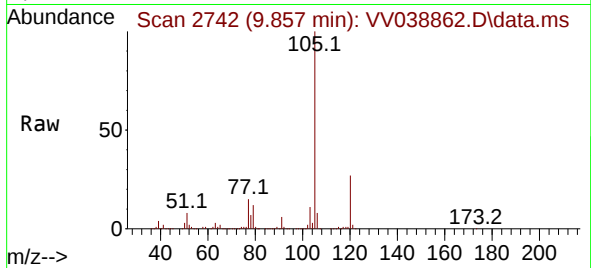




#73
Isopropylbenzene
Concen: 56.097 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

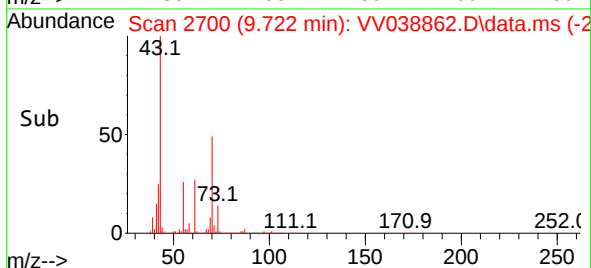
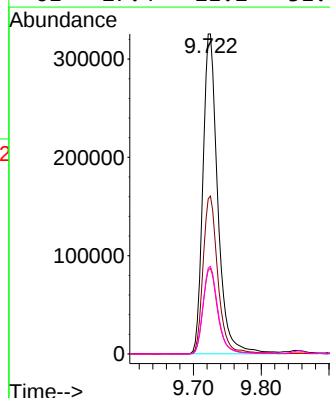
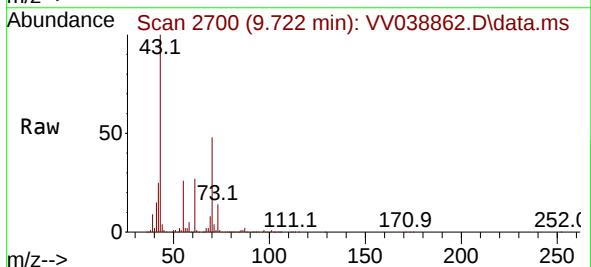
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

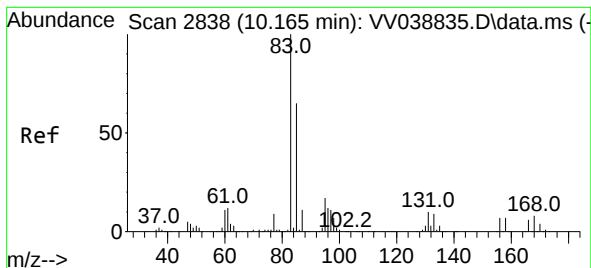
Tgt Ion:105 Resp: 1423563
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 55.876 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 43 Resp: 496322
Ion Ratio Lower Upper
43 100
70 49.4 39.7 59.5
55 26.8 22.1 33.1
61 27.4 21.2 31.8

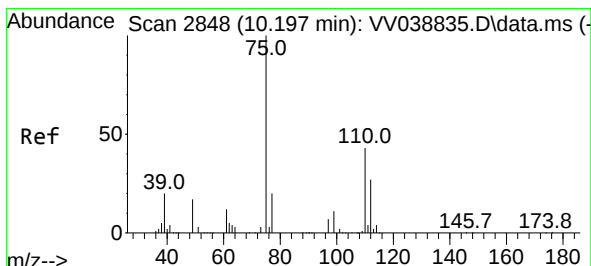
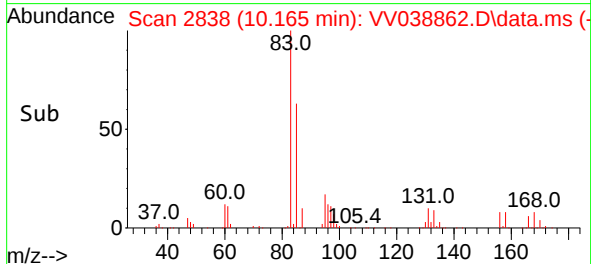
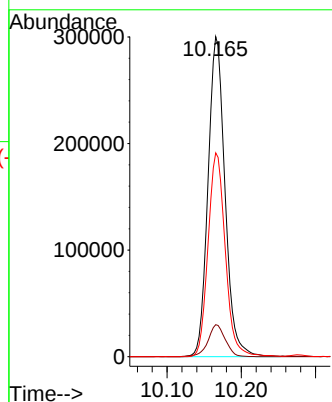
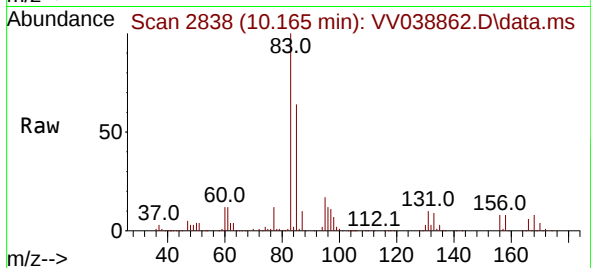




#75
1,1,2,2-Tetrachloroethane
Concen: 51.823 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

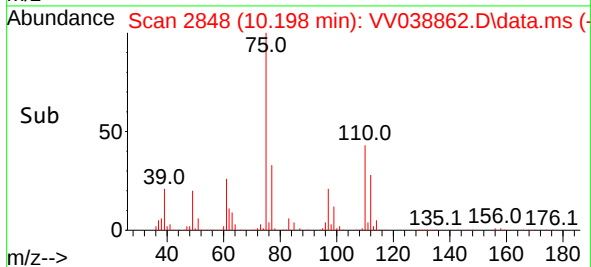
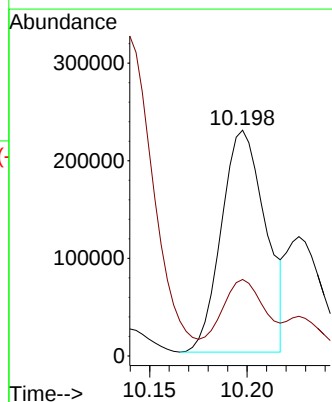
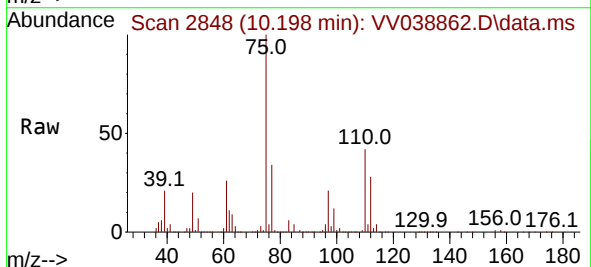
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

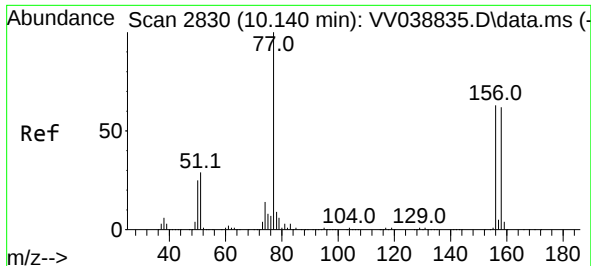
Tgt Ion: 83 Resp: 476762
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.6 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 53.753 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 75 Resp: 359622
Ion Ratio Lower Upper
75 100
77 23.4 11.7 35.1

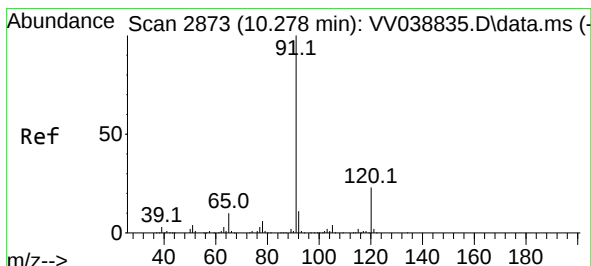
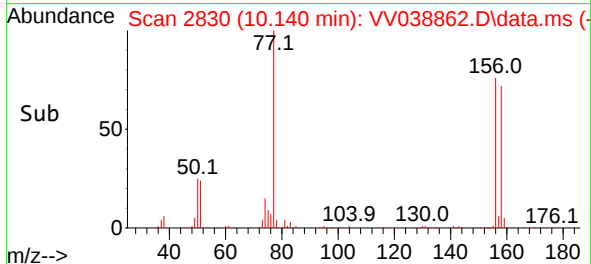
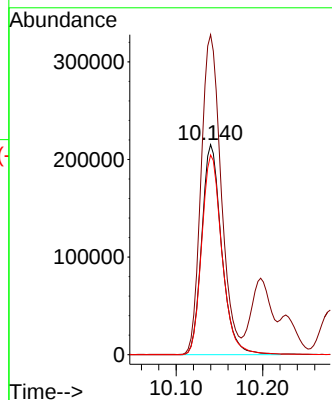
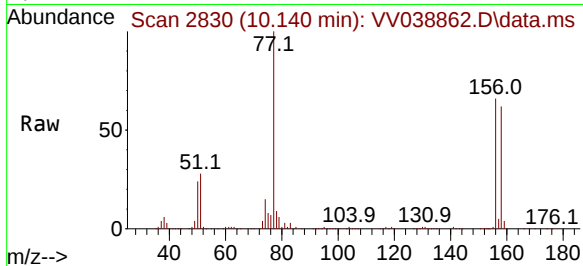




#77
Bromobenzene
Concen: 52.509 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

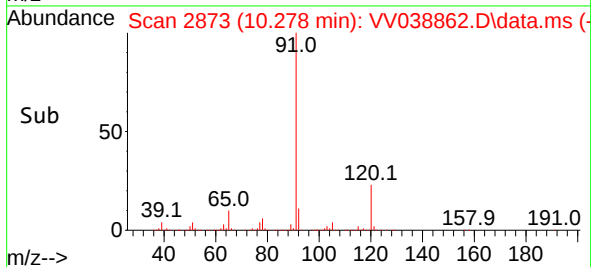
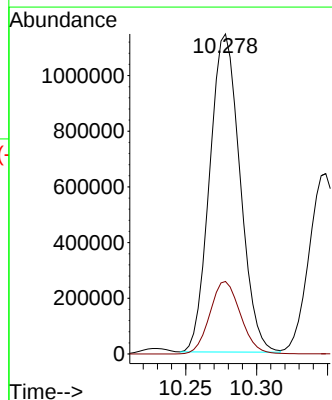
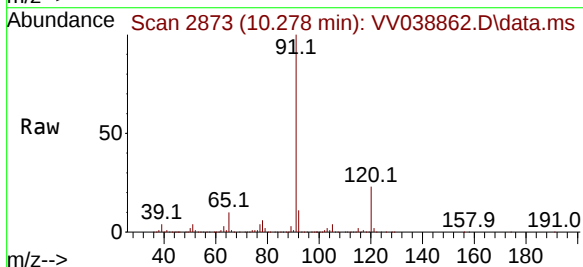
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

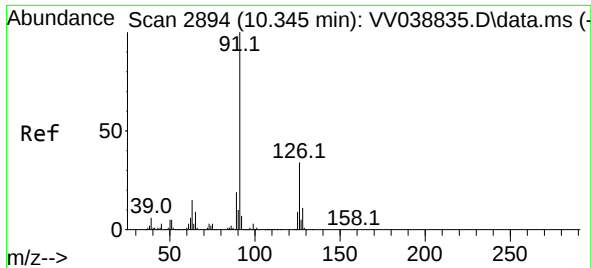
Tgt Ion:156 Resp: 343750
Ion Ratio Lower Upper
156 100
77 153.0 77.0 230.8
158 97.1 48.8 146.3



#78
n-propylbenzene
Concen: 56.384 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 91 Resp: 1702794
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0

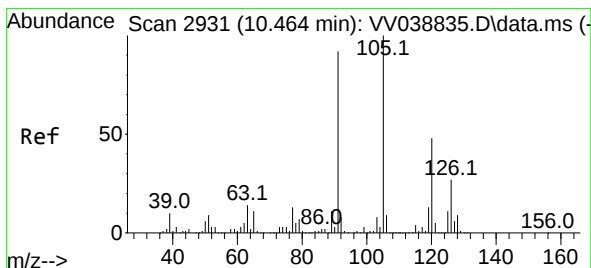
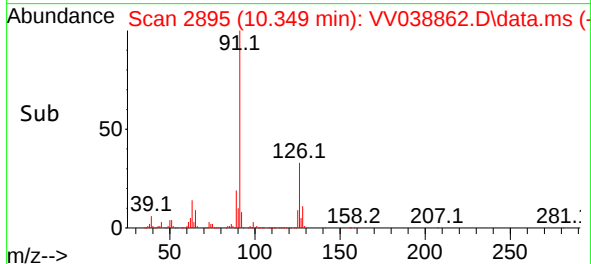
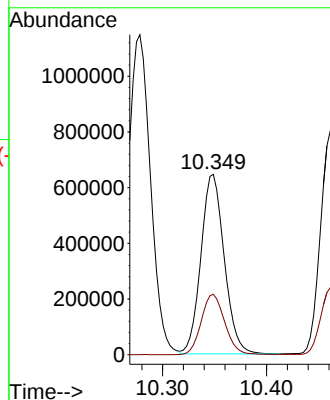
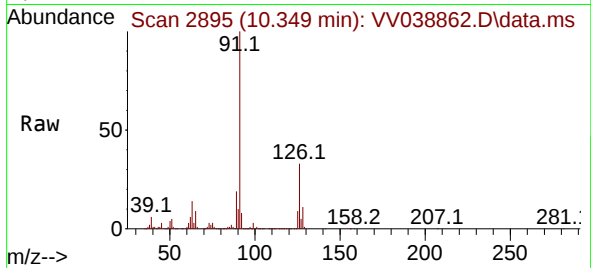




#79
2-Chlorotoluene
Concen: 54.865 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

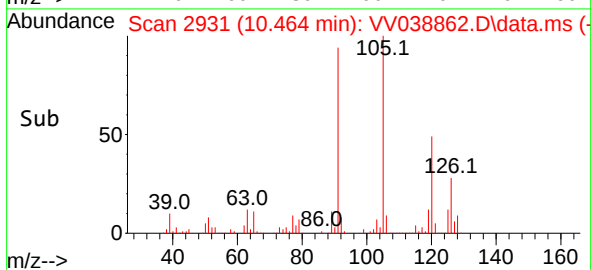
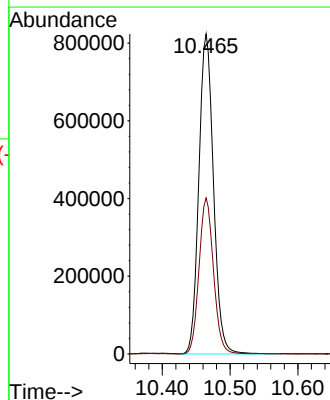
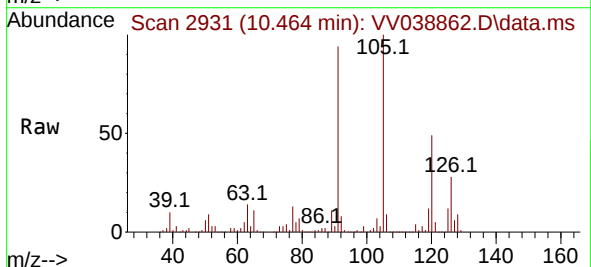
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

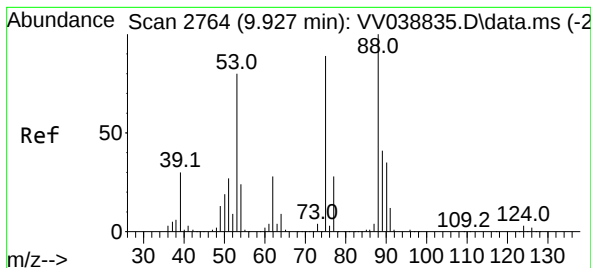
Tgt Ion: 91 Resp: 1006261
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 56.771 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion: 105 Resp: 1231821
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.980 ug/l

RT: 9.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

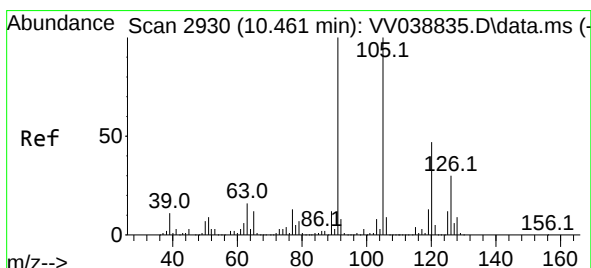
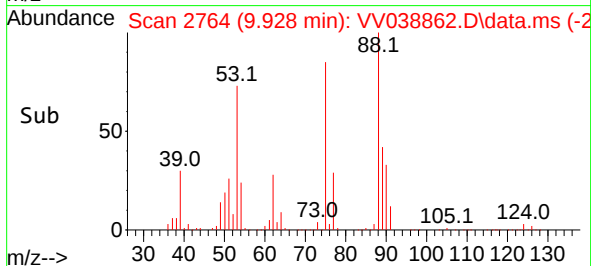
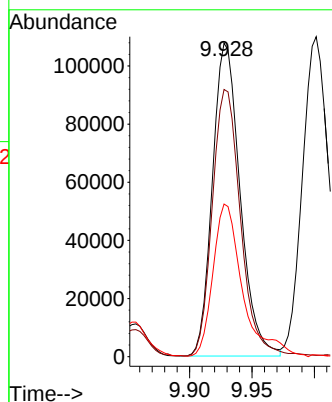
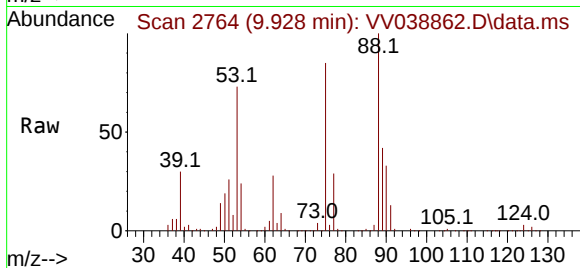
Tgt Ion: 75 Resp: 166518

Ion Ratio Lower Upper

75 100

53 86.7 71.2 106.8

89 52.4 44.6 66.8



#82

4-Chlorotoluene

Concen: 56.574 ug/l

RT: 10.461 min Scan# 2930

Delta R.T. 0.000 min

Lab File: VV038862.D

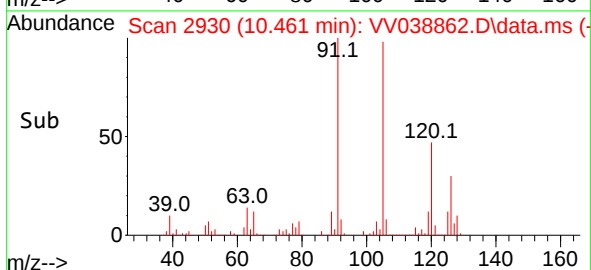
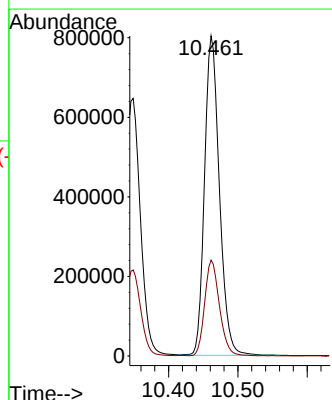
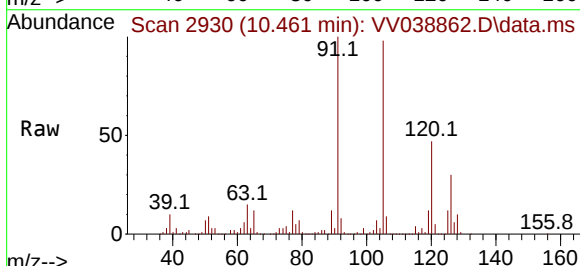
Acq: 03 Jul 2025 15:24

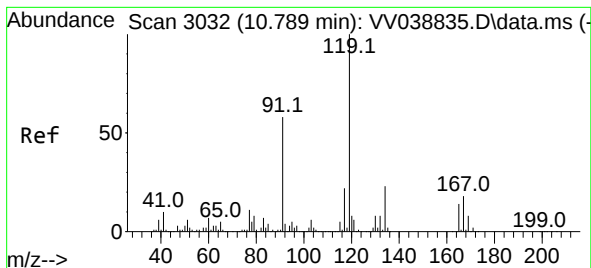
Tgt Ion: 91 Resp: 1196179

Ion Ratio Lower Upper

91 100

126 29.6 14.8 44.3





#83

tert-Butylbenzene

Concen: 54.598 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

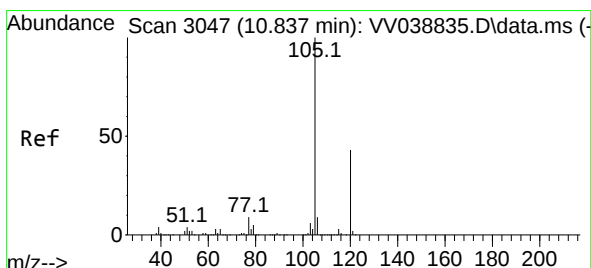
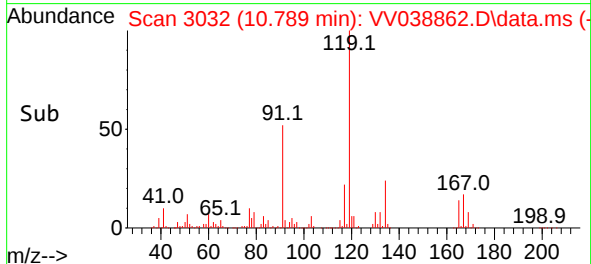
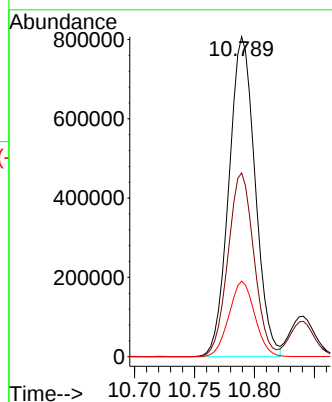
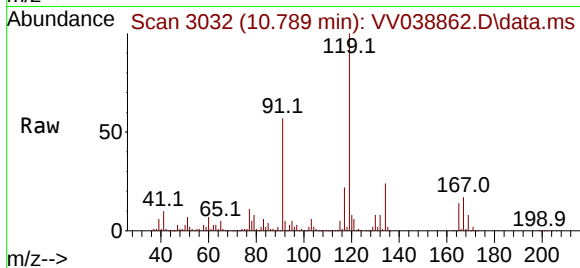
Tgt Ion:119 Resp: 1228695

Ion Ratio Lower Upper

119 100

91 56.7 28.5 85.5

134 23.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 57.929 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038862.D

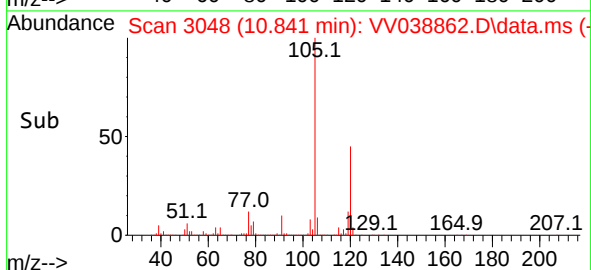
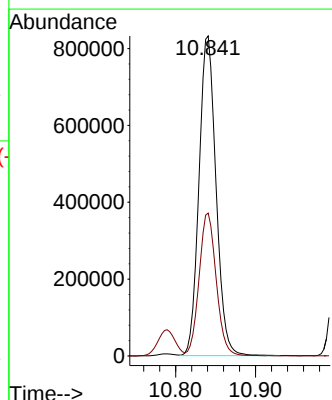
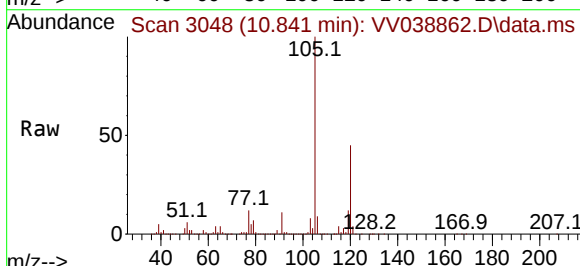
Acq: 03 Jul 2025 15:24

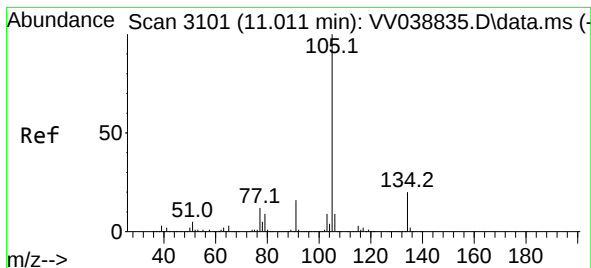
Tgt Ion:105 Resp: 1231949

Ion Ratio Lower Upper

105 100

120 44.9 22.7 68.0





#85

sec-Butylbenzene

Concen: 55.976 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

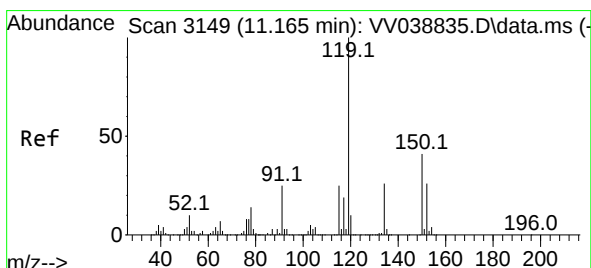
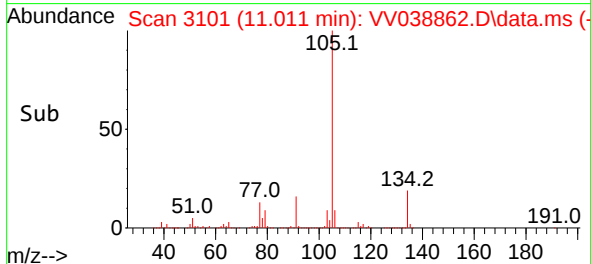
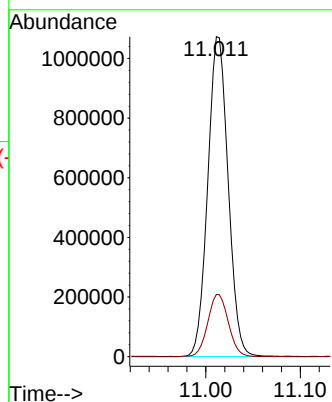
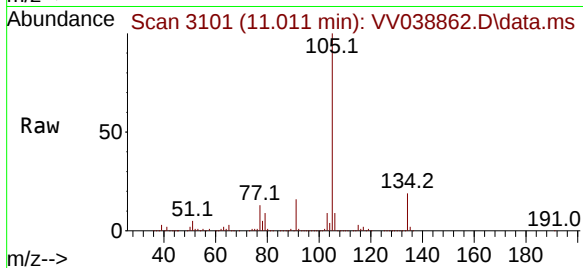
VSTDCCC050EC

Tgt Ion:105 Resp: 1603727

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0



#86

p-Isopropyltoluene

Concen: 56.148 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

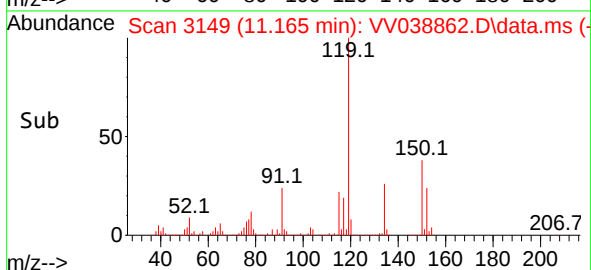
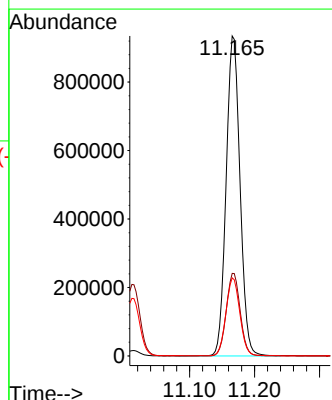
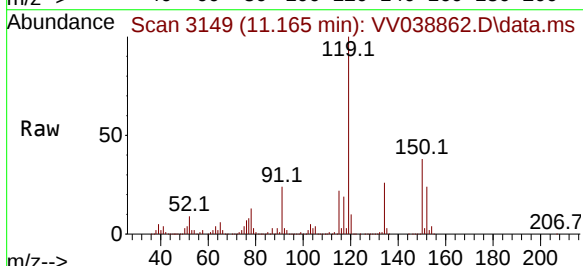
Tgt Ion:119 Resp: 1379209

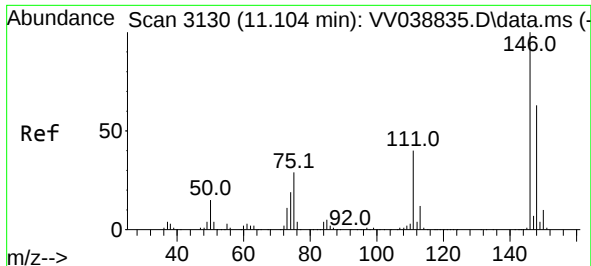
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.4 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 52.022 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

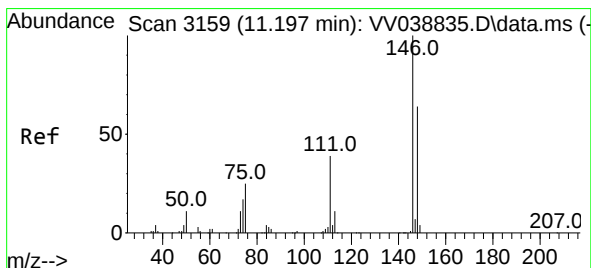
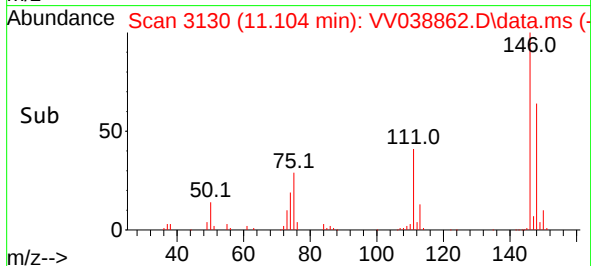
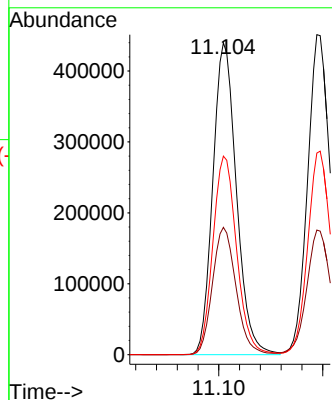
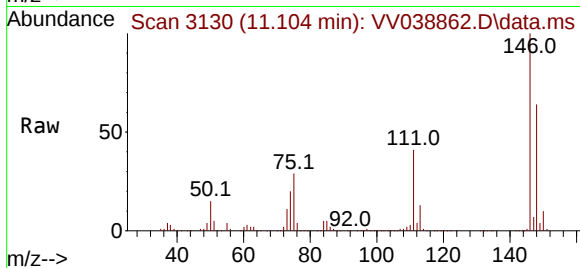
Tgt Ion:146 Resp: 692366

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.6

148 64.1 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 50.645 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.003 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

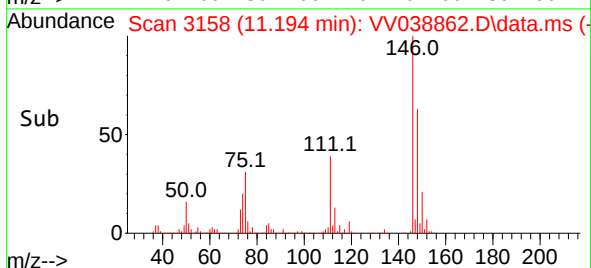
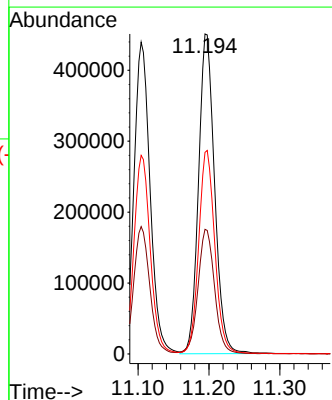
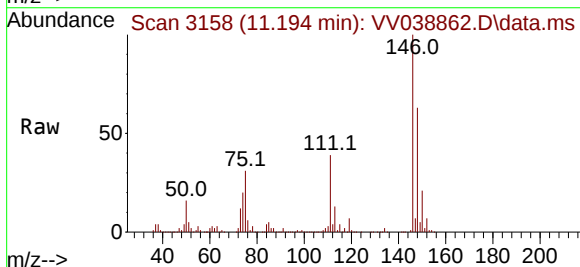
Tgt Ion:146 Resp: 710226

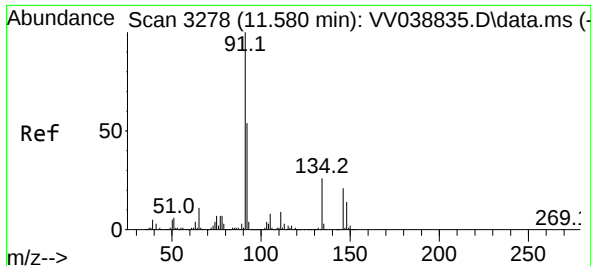
Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.3

148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 56.914 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

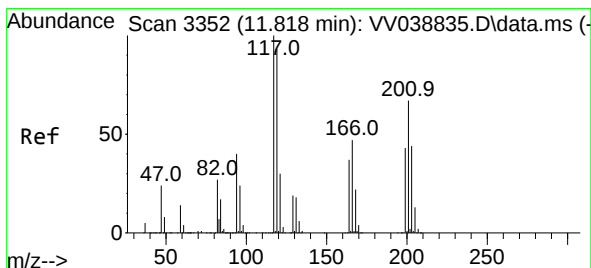
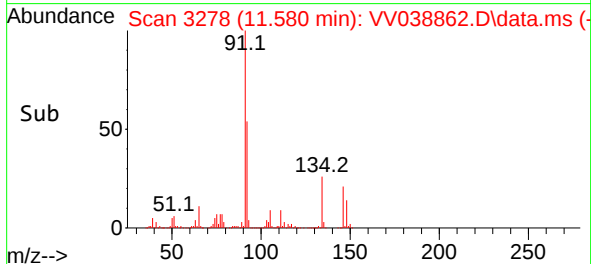
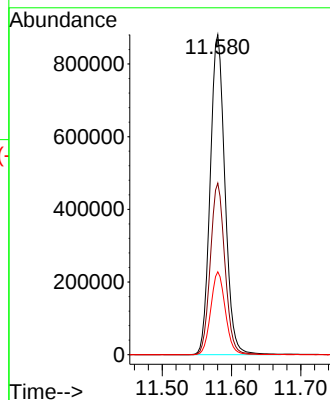
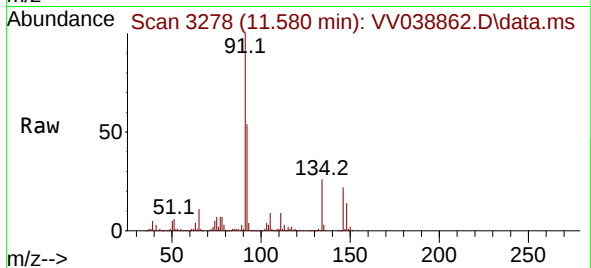
Tgt Ion: 91 Resp: 1295676

Ion Ratio Lower Upper

91 100

92 53.2 26.7 80.0

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 50.710 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038862.D

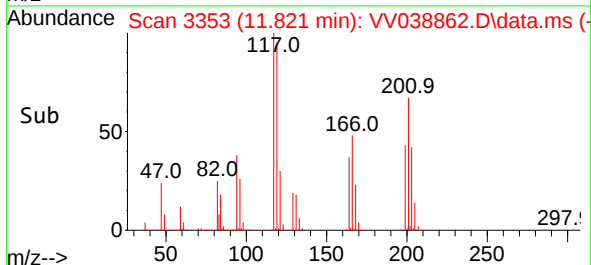
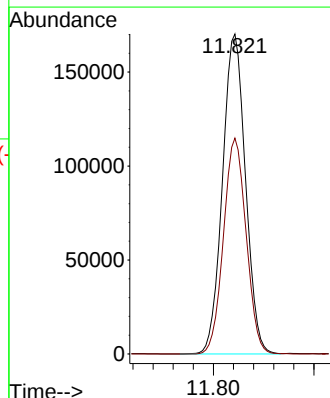
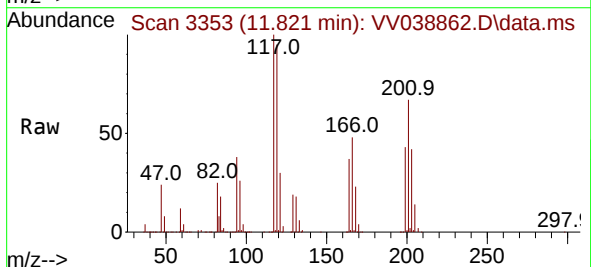
Acq: 03 Jul 2025 15:24

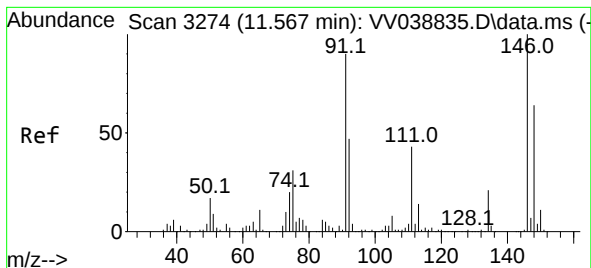
Tgt Ion: 117 Resp: 270388

Ion Ratio Lower Upper

117 100

201 66.4 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 53.424 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

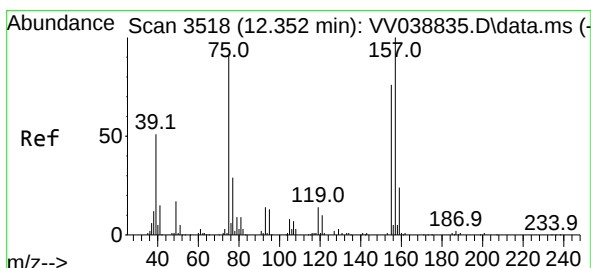
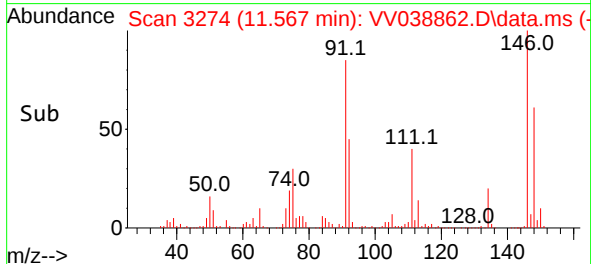
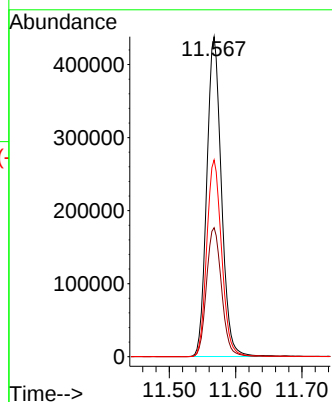
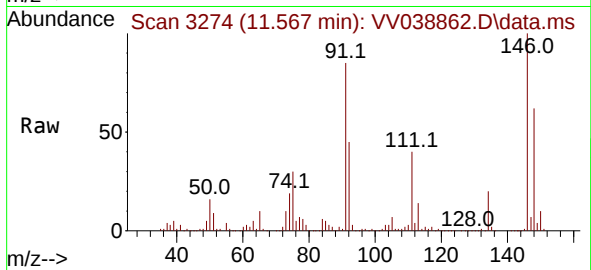
Tgt Ion:146 Resp: 670182

Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

148 62.5 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.988 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

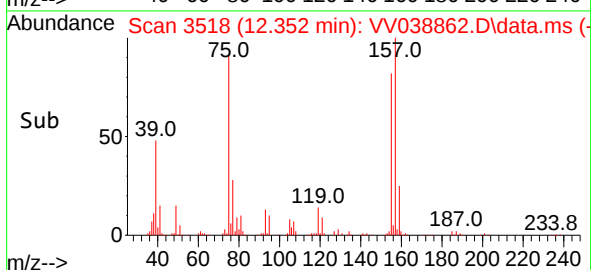
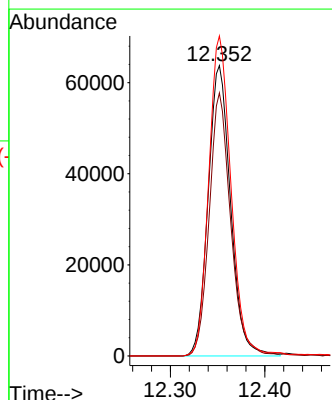
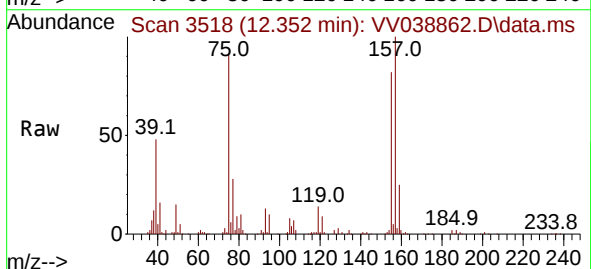
Tgt Ion: 75 Resp: 105157

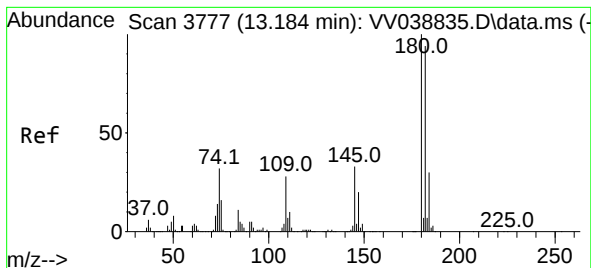
Ion Ratio Lower Upper

75 100

155 86.9 43.2 129.6

157 109.7 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 54.262 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

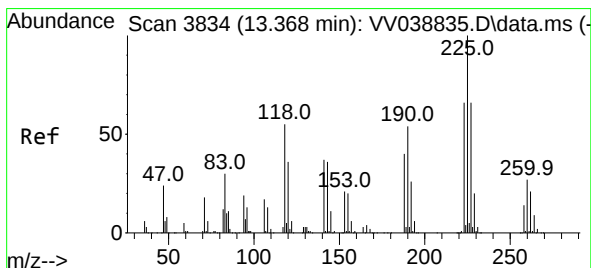
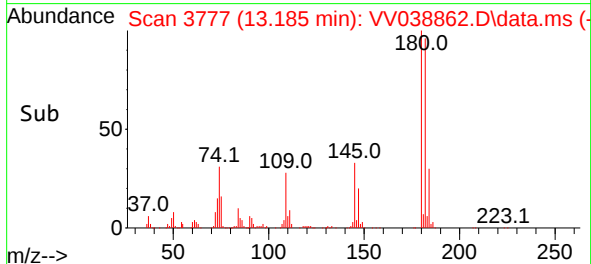
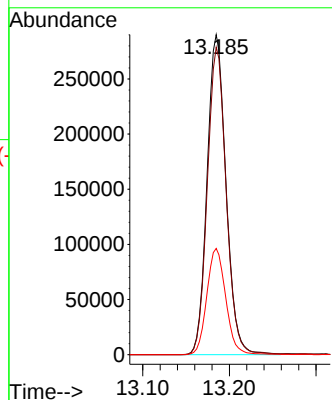
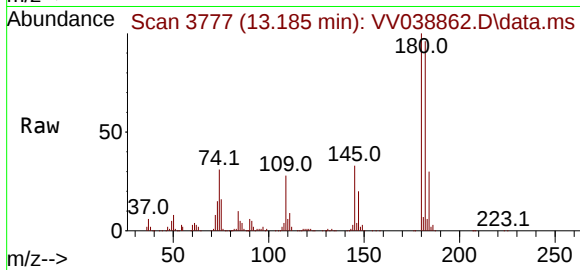
Tgt Ion:180 Resp: 441220

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.8

145 33.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 51.498 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038862.D

Acq: 03 Jul 2025 15:24

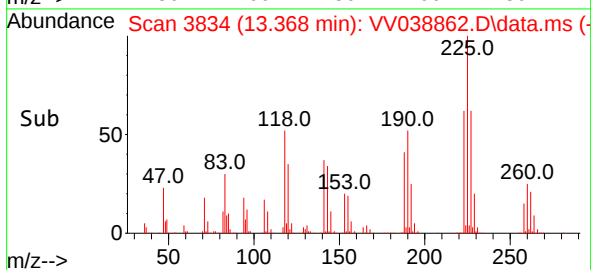
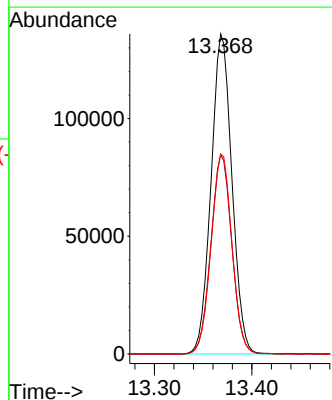
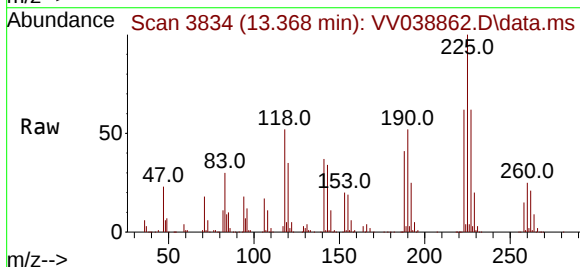
Tgt Ion:225 Resp: 202075

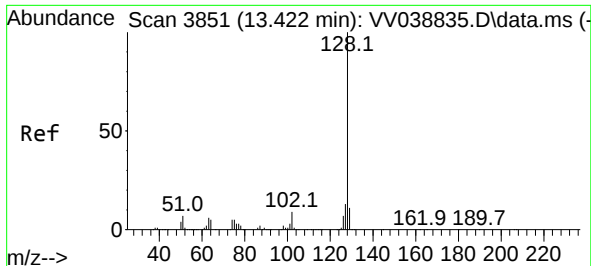
Ion Ratio Lower Upper

225 100

223 62.5 33.2 99.6

227 62.4 32.3 96.8

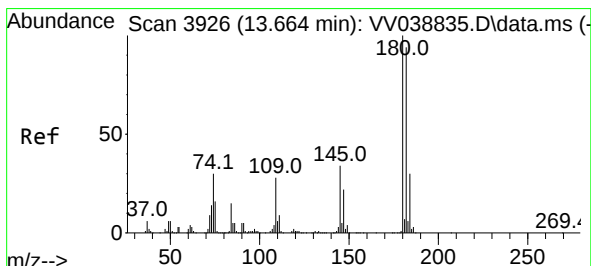
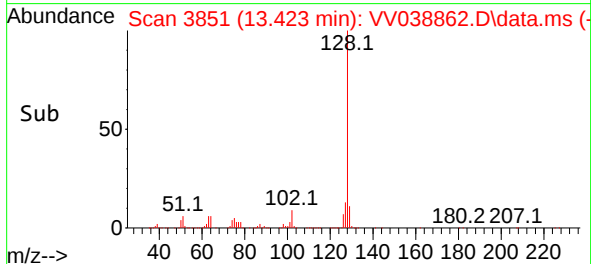
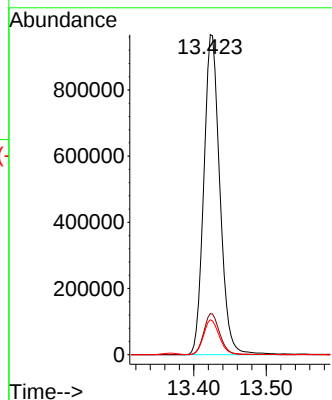
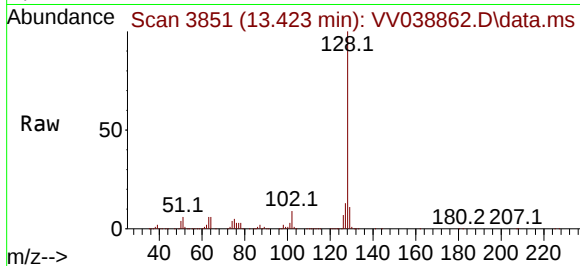




#95
Naphthalene
Concen: 57.379 ug/l
RT: 13.423 min Scan# 3851
Delta R.T. 0.000 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1484279
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.434 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV038862.D
Acq: 03 Jul 2025 15:24

Tgt Ion:180 Resp: 448383
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.9
145 35.0 17.1 51.2

