

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070225\
 Data File : VW038835.D
 Acq On : 02 Jul 2025 11:14
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 03 02:24:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:21:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	559489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	864270	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	812985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	478819	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.937	65	295431	47.115	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	94.220%
35) Dibromofluoromethane	4.497	113	266050	48.598	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.200%
50) Toluene-d8	7.236	98	848271	47.892	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	95.780%
62) 4-Bromofluorobenzene	10.001	95	356849	49.867	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	99.740%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	251131	47.285	ug/l	100
3) Chloromethane	1.230	50	279055	48.726	ug/l	100
4) Vinyl Chloride	1.297	62	282800	46.668	ug/l	100
5) Bromomethane	1.494	94	170836	46.196	ug/l	100
6) Chloroethane	1.558	64	185638	45.695	ug/l	100
7) Trichlorofluoromethane	1.725	101	490717	45.770	ug/l	100
8) Diethyl Ether	1.915	74	165735	44.423	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	283863	46.824	ug/l	100
10) Methyl Iodide	2.195	142	376751	48.981	ug/l	100
11) Tert butyl alcohol	2.561	59	193843	236.834	ug/l	100
12) 1,1-Dichloroethene	2.082	96	258735	44.904	ug/l	100
13) Acrolein	2.011	56	46884	229.405	ug/l	100
14) Allyl chloride	2.359	41	371202	47.905	ug/l	100
15) Acrylonitrile	2.670	53	722437	252.330	ug/l	100
16) Acetone	2.117	43	502116	240.294	ug/l	100
17) Carbon Disulfide	2.252	76	597006	44.729	ug/l	100
18) Methyl Acetate	2.378	43	354194	49.710	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	893591	50.160	ug/l	100
20) Methylene Chloride	2.455	84	299886	43.425	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	275724	47.851	ug/l	100
22) Diisopropyl ether	3.207	45	823666	51.849	ug/l	100
23) Vinyl Acetate	3.185	43	3069117	267.922	ug/l	100
24) 1,1-Dichloroethane	3.117	63	501654	46.843	ug/l	100
25) 2-Butanone	3.854	43	784010	266.274	ug/l	100
26) 2,2-Dichloropropane	3.809	77	467797	47.130	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	329683	49.096	ug/l	100
28) Bromochloromethane	4.143	49	209914	45.863	ug/l	100
29) Tetrahydrofuran	4.227	42	535187	264.292	ug/l	100
30) Chloroform	4.275	83	563678	48.309	ug/l	100
31) Cyclohexane	4.584	56	384066	45.285	ug/l	100
32) 1,1,1-Trichloroethane	4.510	97	509132	47.015	ug/l	100
36) 1,1-Dichloropropene	4.744	75	338679	50.983	ug/l	100
37) Ethyl Acetate	3.969	43	303032	45.370	ug/l	100
38) Carbon Tetrachloride	4.735	117	433524	49.581	ug/l	100
39) Methylcyclohexane	6.046	83	428105	49.289	ug/l	100
40) Benzene	5.008	78	1094792	51.381	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	157579	47.985	ug/l	100
42) 1,2-Dichloroethane	5.037	62	394961	50.857	ug/l	100
43) Isopropyl Acetate	5.185	43	541847	50.307	ug/l	100
44) Trichloroethene	5.828	130	283045	49.444	ug/l	100
45) 1,2-Dichloropropane	6.085	63	274626	49.850	ug/l	100
46) Dibromomethane	6.223	93	210611	48.478	ug/l	100
47) Bromodichloromethane	6.423	83	453396	49.286	ug/l	100
48) Methyl methacrylate	6.291	41	258320	53.036	ug/l	100
49) 1,4-Dioxane	6.281	88	71028	1033.038	ug/l	100
51) 4-Methyl-2-Pentanone	7.143	43	1813661	270.056	ug/l	100
52) Toluene	7.307	92	718477	52.424	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	448725	52.505	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	470537	52.254	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	305855	51.035	ug/l	100
56) Ethyl methacrylate	7.712	69	426674	54.117	ug/l	100
57) 1,3-Dichloropropane	7.931	76	480921	50.940	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	942450	273.800	ug/l	100
59) 2-Hexanone	8.059	43	1279790	262.845	ug/l	100
60) Dibromochloromethane	8.165	129	374044	49.570	ug/l	100
61) 1,2-Dibromoethane	8.271	107	318167	52.267	ug/l	100
64) Tetrachloroethene	7.895	164	250012	47.822	ug/l	100
65) Chlorobenzene	8.802	112	838231	48.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	316347	49.446	ug/l	100
67) Ethyl Benzene	8.934	91	1409005	52.490	ug/l	100
68) m/p-Xylenes	9.062	106	1118273	108.764	ug/l	100
69) o-Xylene	9.468	106	521541	53.093	ug/l	100
70) Styrene	9.484	104	945905	55.075	ug/l	100
71) Bromoform	9.654	173	265981	51.161	ug/l #	100
73) Isopropylbenzene	9.857	105	1467024	52.206	ug/l	100
74) N-amyl acetate	9.722	43	500342	52.057	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	485174	47.626	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	365144	49.288	ug/l	100
77) Bromobenzene	10.140	156	356643	49.198	ug/l	100
78) n-propylbenzene	10.278	91	1746474	52.225	ug/l	100
79) 2-Chlorotoluene	10.345	91	1028050	50.620	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1266512	52.712	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	169503	48.703	ug/l	100
82) 4-Chlorotoluene	10.461	91	1228399	52.466	ug/l	100
83) tert-Butylbenzene	10.789	119	1270871	50.998	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1260848	53.541	ug/l	100
85) sec-Butylbenzene	11.011	105	1657827	52.255	ug/l	100
86) p-Isopropyltoluene	11.165	119	1411096	51.878	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	727339	49.352	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	742078	47.787	ug/l	100
89) n-Butylbenzene	11.580	91	1348188	53.481	ug/l	100
90) Hexachloroethane	11.818	117	279152	47.279	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	684309	49.263	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	104463	48.433	ug/l	100
93) 1,2,4-Trichlorobenzene	13.184	180	460769	51.173	ug/l	100
94) Hexachlorobutadiene	13.368	225	205208	47.227	ug/l	100
95) Naphthalene	13.422	128	1531417	53.463	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	477624	51.402	ug/l	100

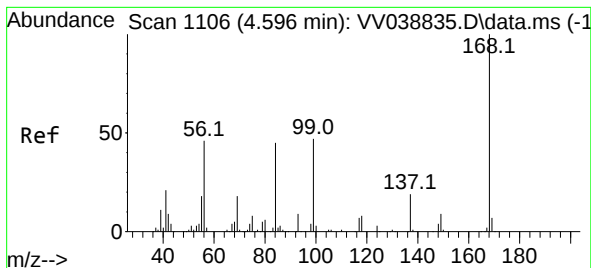
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV038835.D

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Instrument :

MSVOA_V

ClientSampleId :

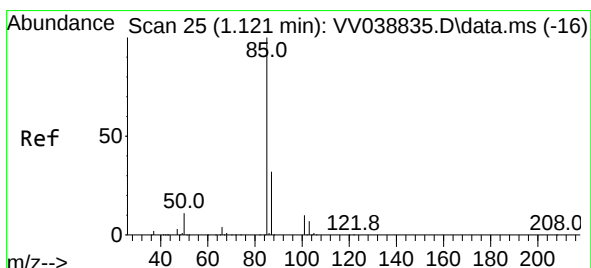
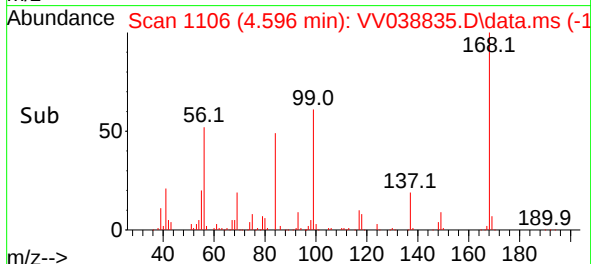
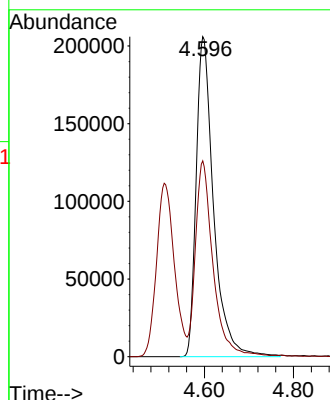
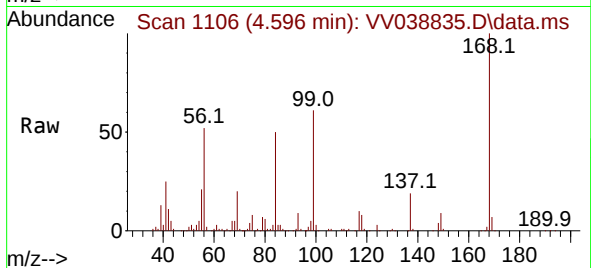
VSTDICCC050

Tgt Ion:168 Resp: 559489

Ion Ratio Lower Upper

168 100

99 60.8 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 47.285 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038835.D

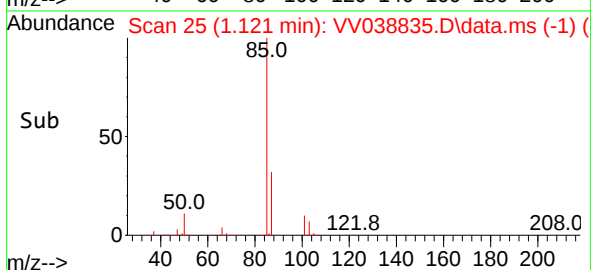
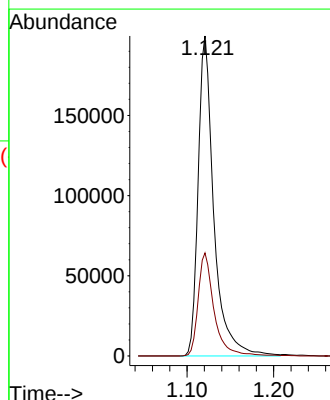
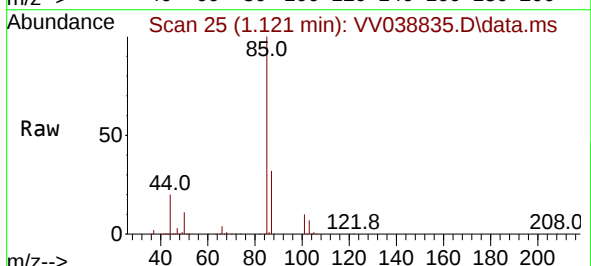
Acq: 02 Jul 2025 11:14

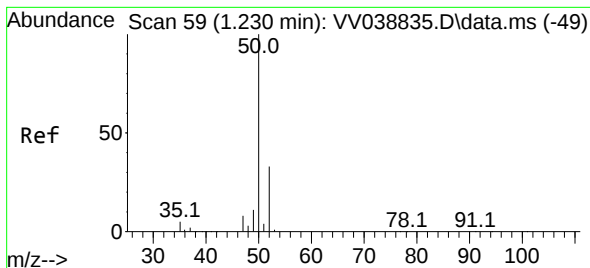
Tgt Ion: 85 Resp: 251131

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3





#3

Chloromethane

Concen: 48.726 ug/l

RT: 1.230 min Scan# 59

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

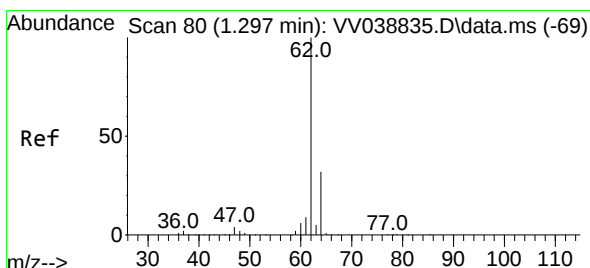
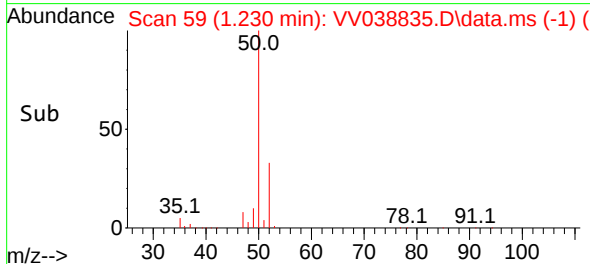
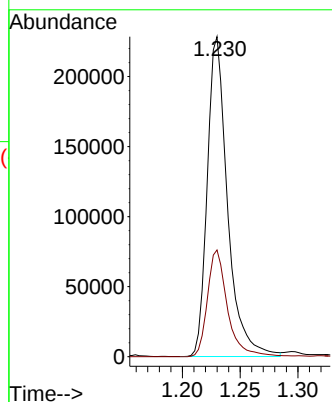
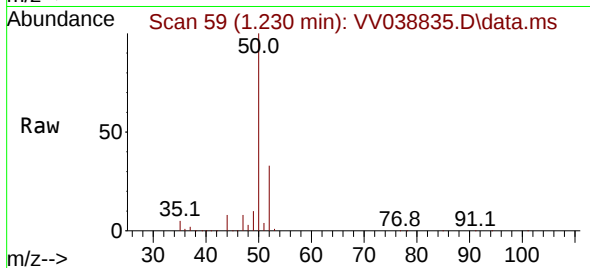
VSTDICCC050

Tgt Ion: 50 Resp: 279055

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 46.668 ug/l

RT: 1.297 min Scan# 80

Delta R.T. 0.000 min

Lab File: VV038835.D

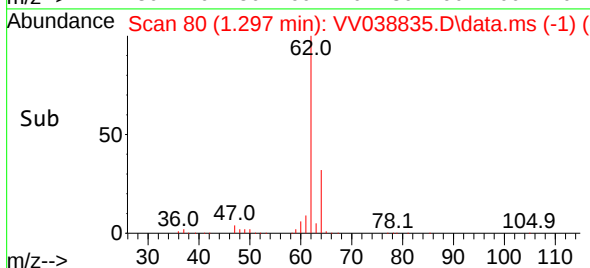
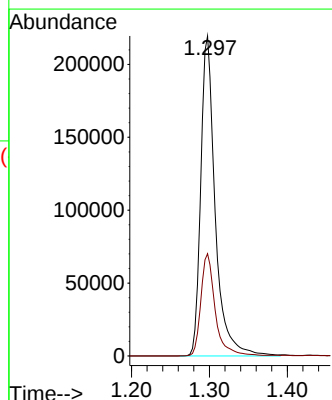
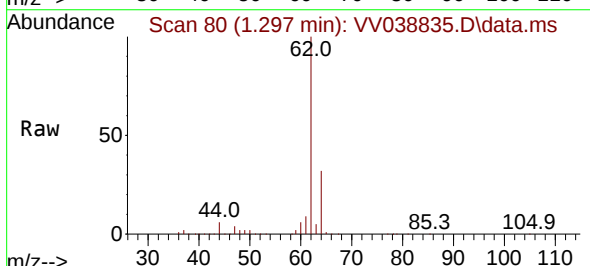
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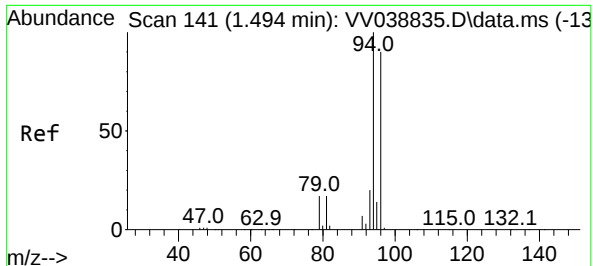
Tgt Ion: 62 Resp: 282800

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3

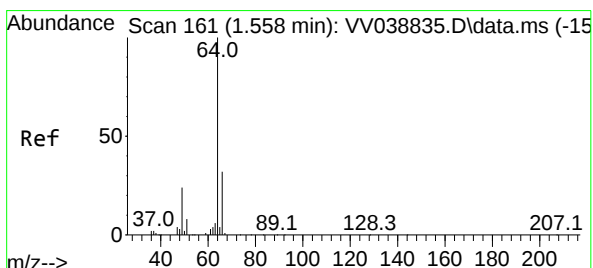
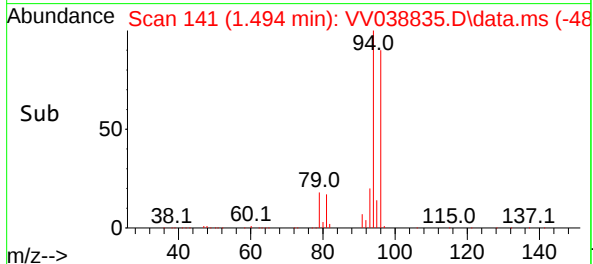
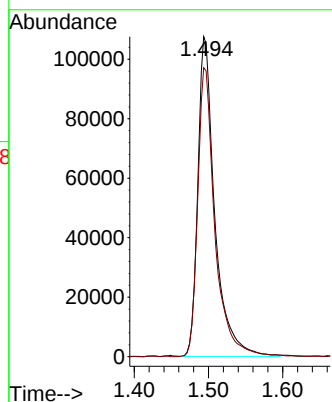
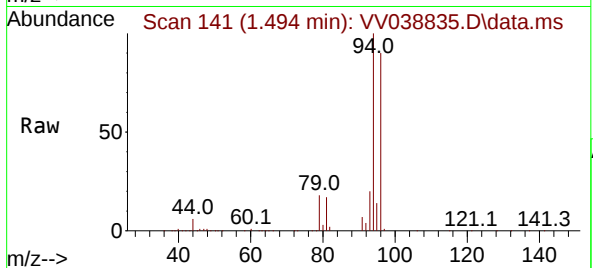




#5
Bromomethane
Concen: 46.196 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

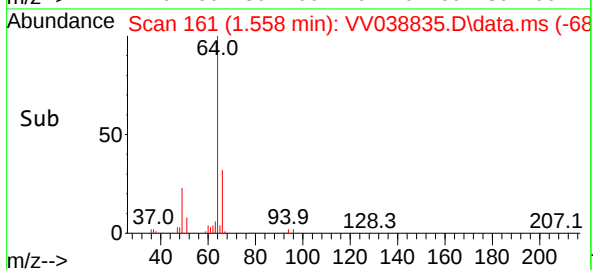
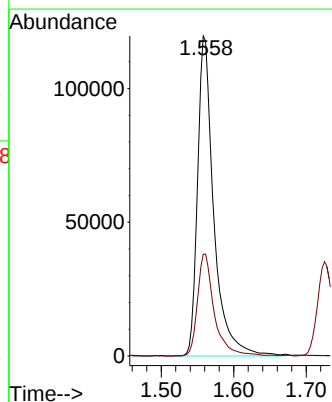
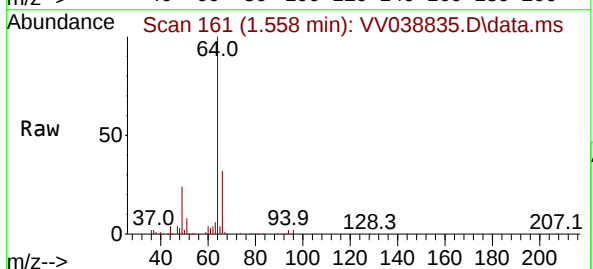
Instrument :
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Tgt Ion: 94 Resp: 170836
Ion Ratio Lower Upper
94 100
96 90.3 72.2 108.4



#6
Chloroethane
Concen: 45.695 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 64 Resp: 185638
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0

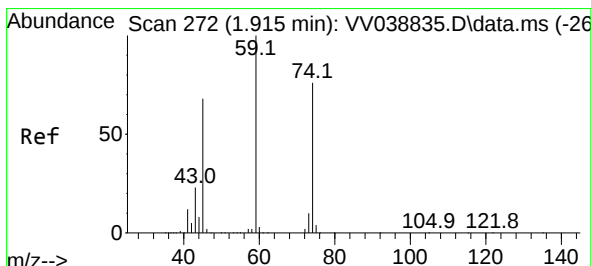
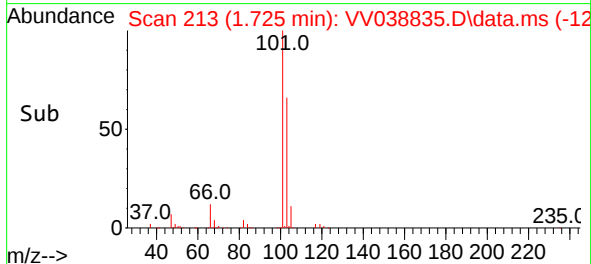
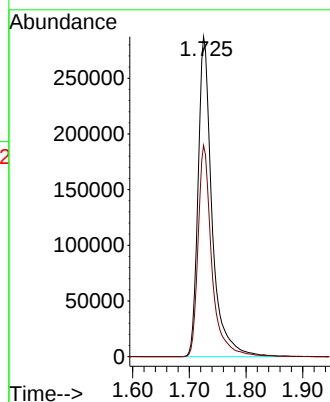
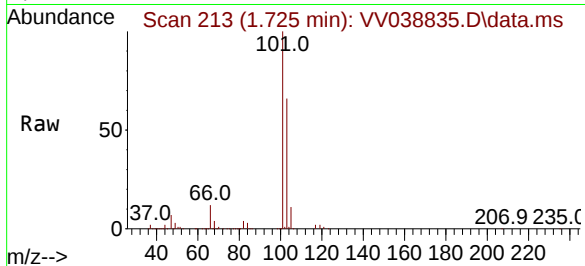




#7
 Trichlorofluoromethane
 Concen: 45.770 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038835.D
 Acq: 02 Jul 2025 11:14

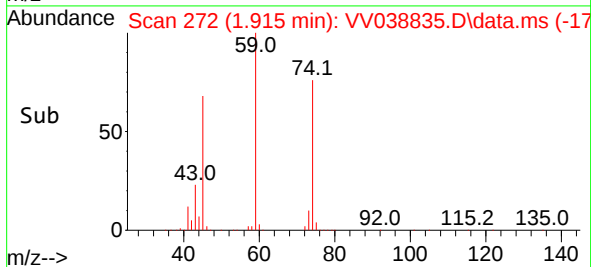
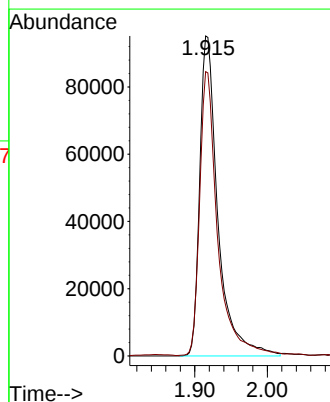
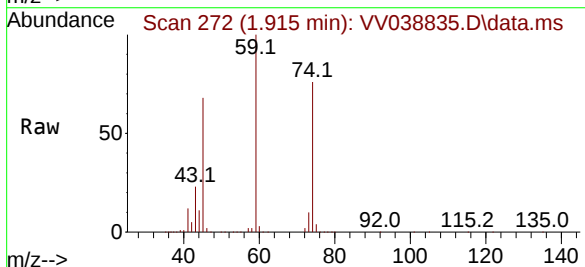
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 MSVOA_V
 ClientSampleId :
 VSTDICCC050

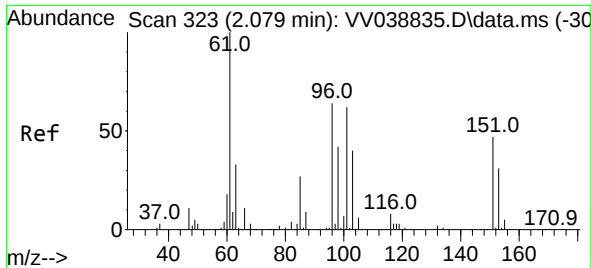
Tgt Ion:101 Resp: 490717
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.8 79.2



#8
 Diethyl Ether
 Concen: 44.423 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. 0.000 min
 Lab File: VV038835.D
 Acq: 02 Jul 2025 11:14

Tgt Ion: 74 Resp: 165735
 Ion Ratio Lower Upper
 74 100
 45 87.8 43.9 131.7

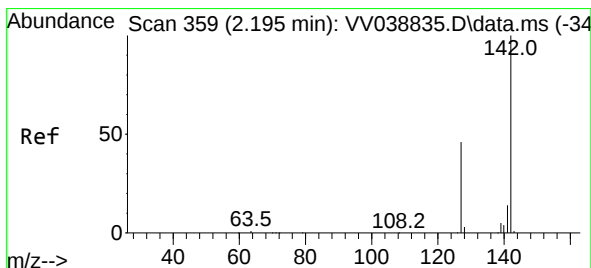
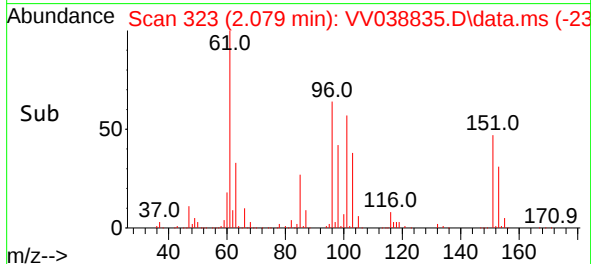
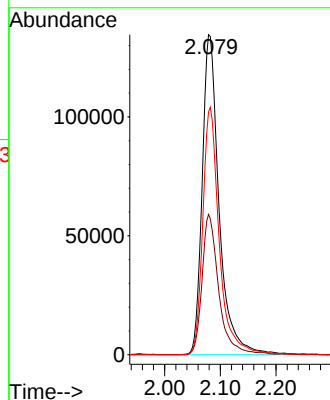
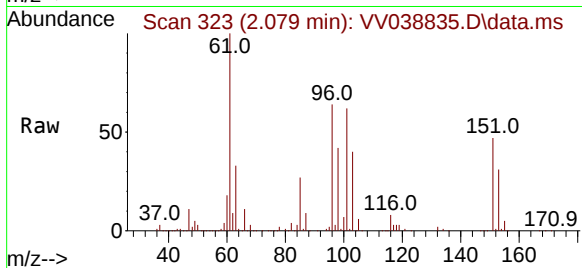




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.824 ug/l
RT: 2.079 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038835.D
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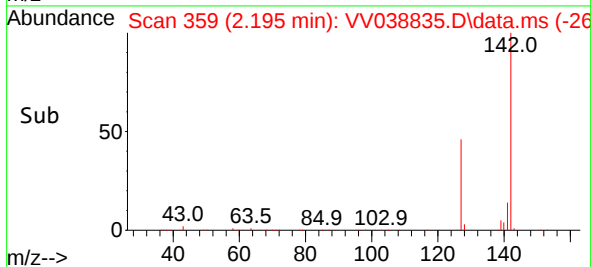
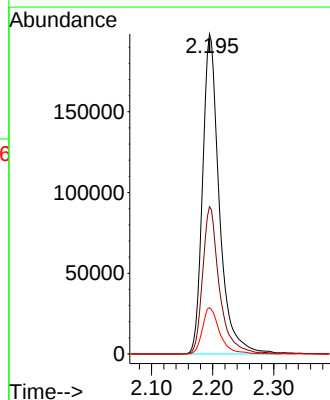
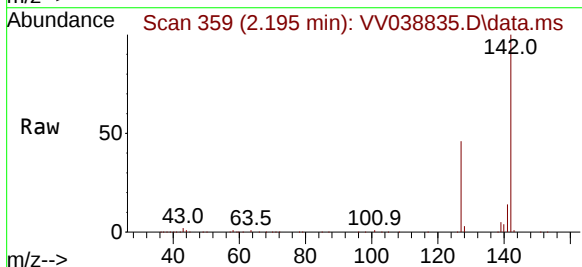
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ClientSampleId :
VSTDICCC050

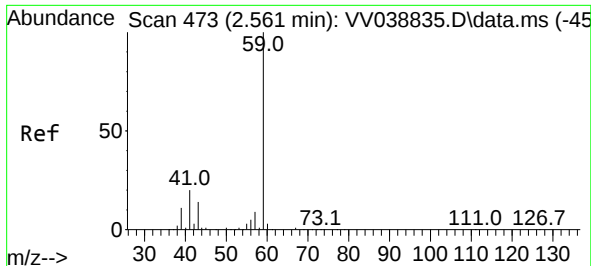
Tgt Ion:101 Resp: 283863
Ion Ratio Lower Upper
101 100
85 43.3 34.6 52.0
151 75.5 60.4 90.6



#10
Methyl Iodide
Concen: 48.981 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion:142 Resp: 376751
Ion Ratio Lower Upper
142 100
127 46.1 36.9 55.3
141 14.8 11.8 17.8

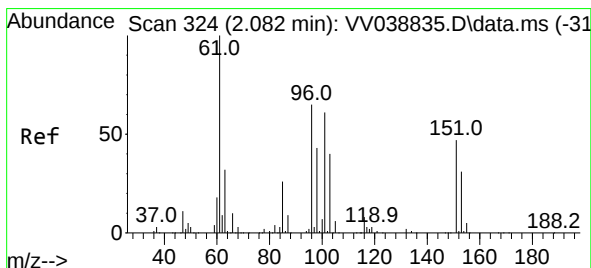
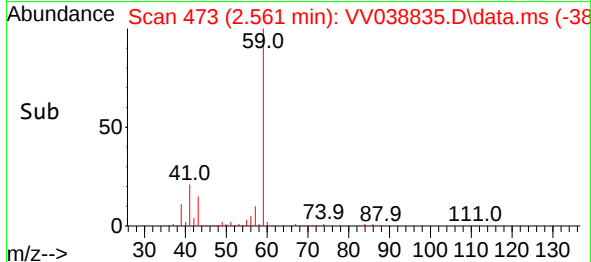
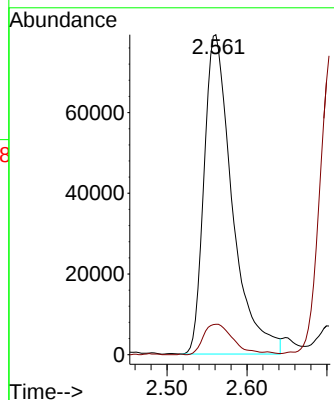
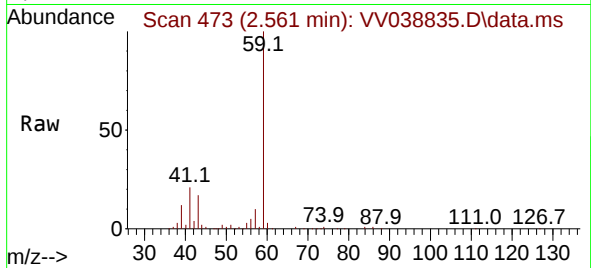




#11
Tert butyl alcohol
Concen: 236.834 ug/l
RT: 2.561 min Scan# 473
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

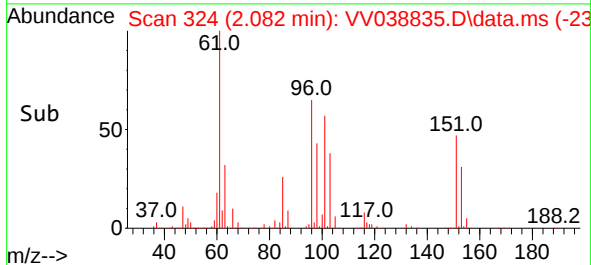
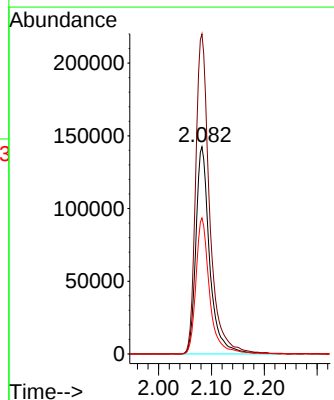
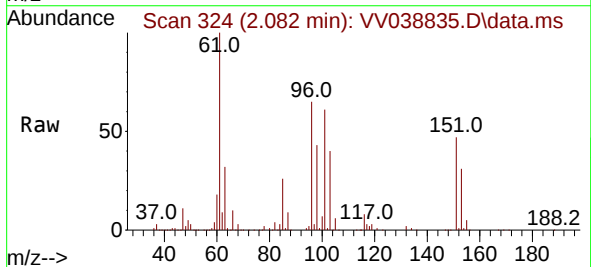
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

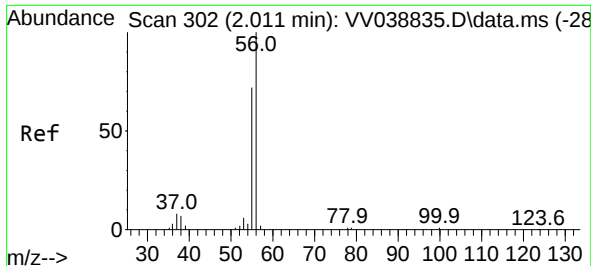
Tgt Ion: 59 Resp: 193843
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 44.904 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 96 Resp: 258735
Ion Ratio Lower Upper
96 100
61 154.4 123.5 185.3
98 65.6 52.5 78.7

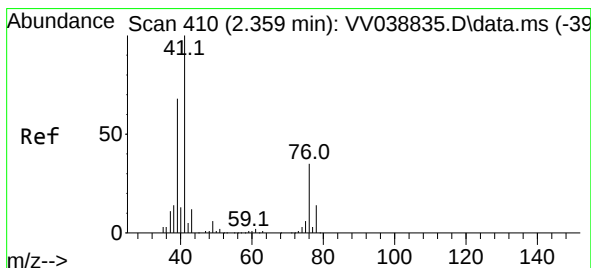
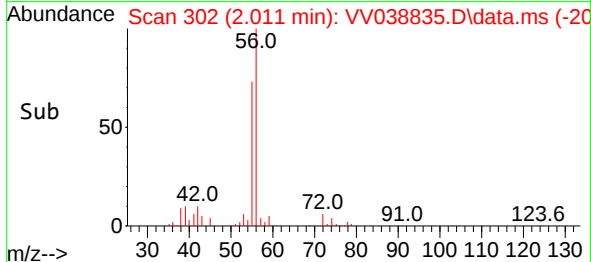
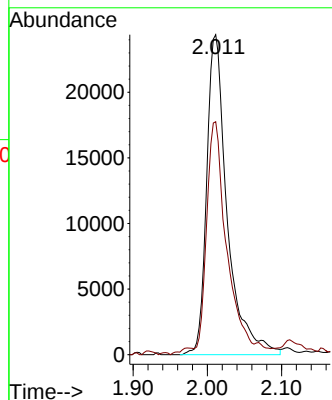
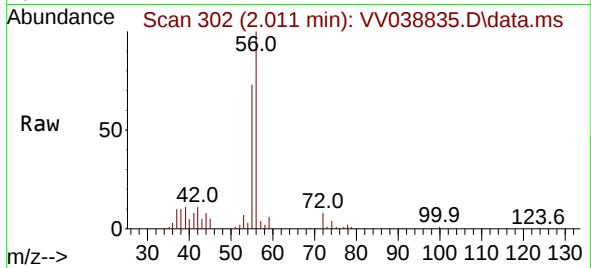




#13
Acrolein
Concen: 229.405 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

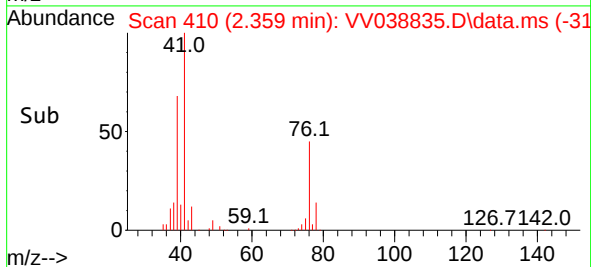
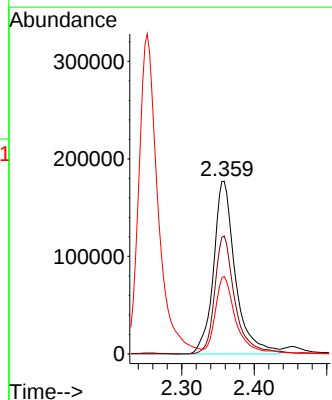
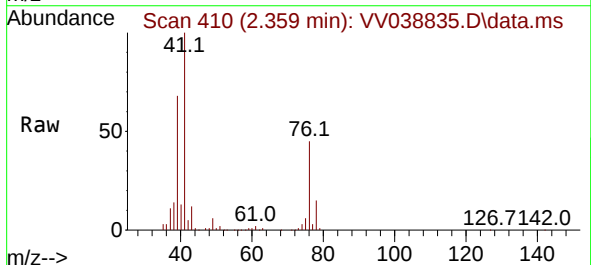
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

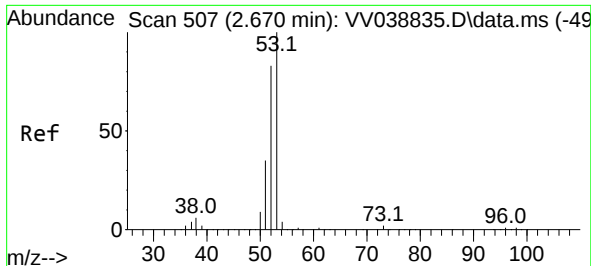
Tgt Ion: 56 Resp: 46884
Ion Ratio Lower Upper
56 100
55 66.8 53.4 80.2



#14
Allyl chloride
Concen: 47.905 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 41 Resp: 371202
Ion Ratio Lower Upper
41 100
39 63.7 51.0 76.4
76 42.0 33.6 50.4

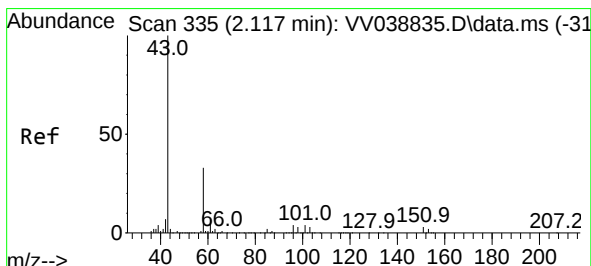
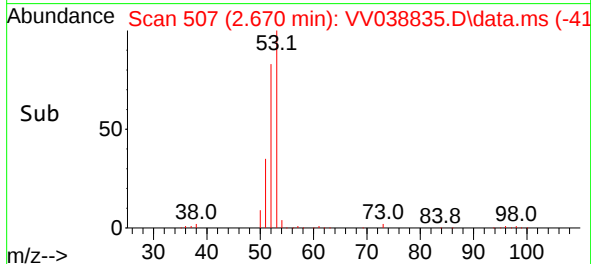
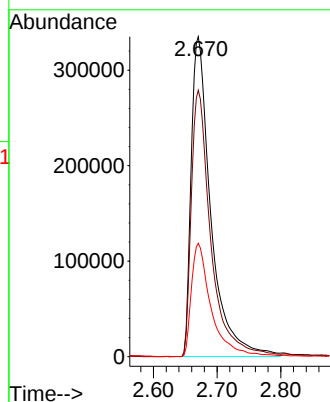
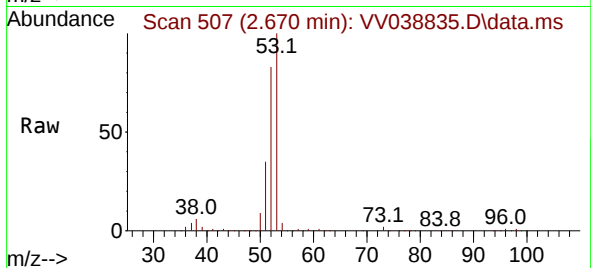




#15
Acrylonitrile
Concen: 252.330 ug/l
RT: 2.670 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

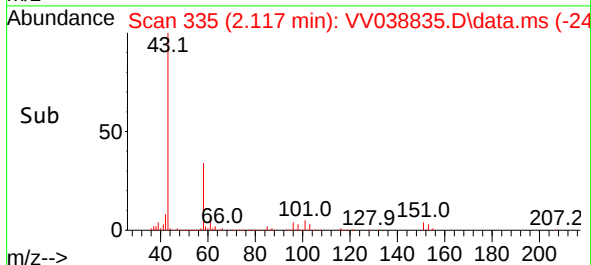
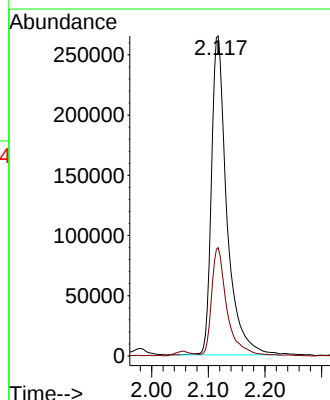
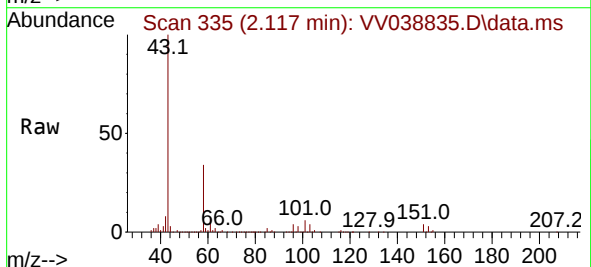
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

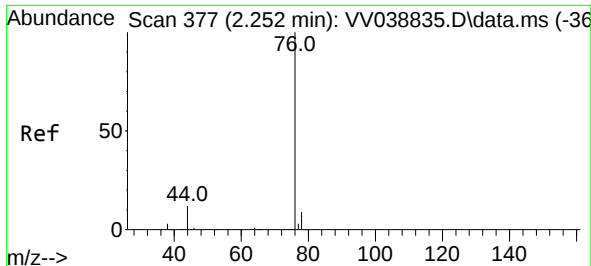
Tgt Ion: 53 Resp: 722437
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 35.6 28.5 42.7



#16
Acetone
Concen: 240.294 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 43 Resp: 502116
Ion Ratio Lower Upper
43 100
58 33.7 27.0 40.4

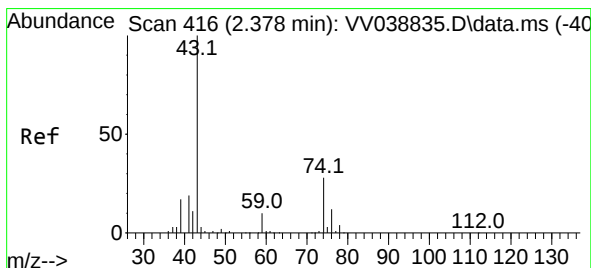
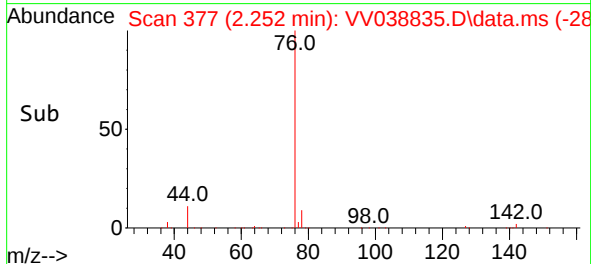
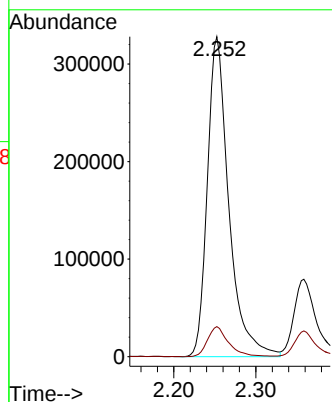
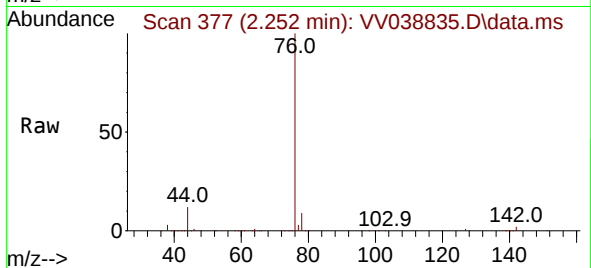




#17
Carbon Disulfide
Concen: 44.729 ug/l
RT: 2.252 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

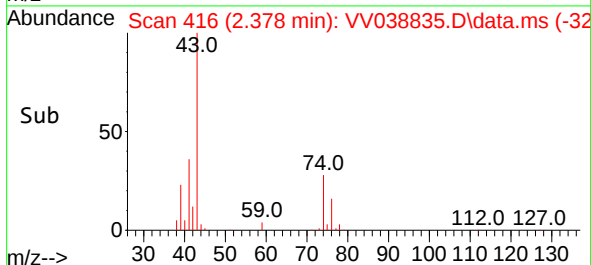
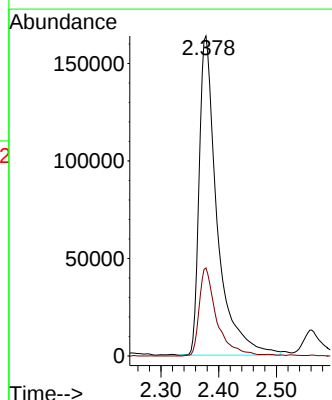
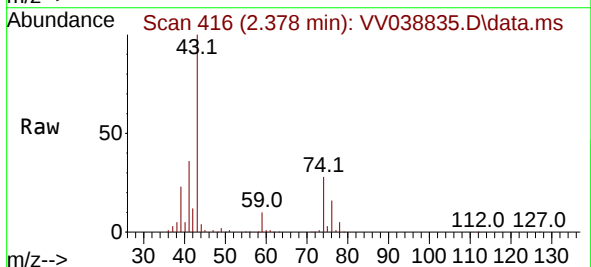
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

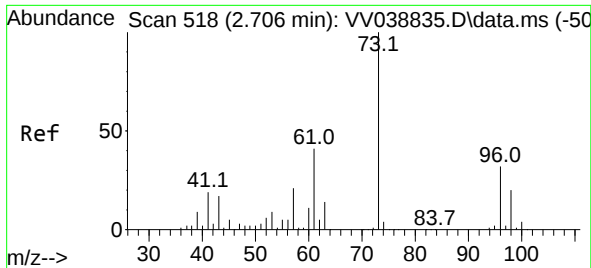
Tgt Ion: 76 Resp: 597006
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 49.710 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 43 Resp: 354194
Ion Ratio Lower Upper
43 100
74 26.7 21.4 32.0

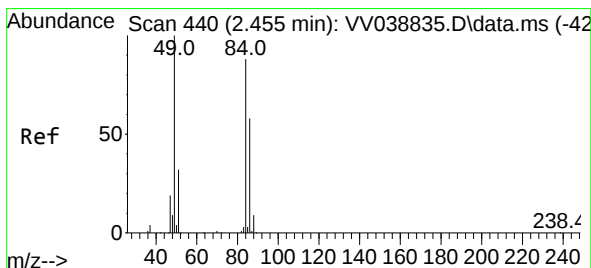
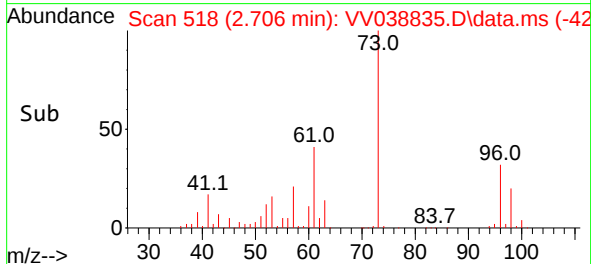
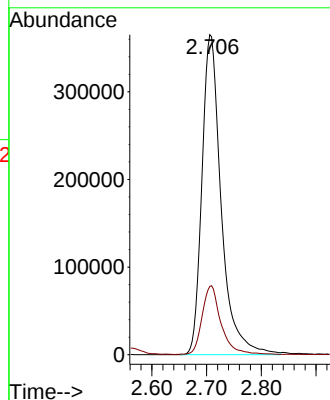
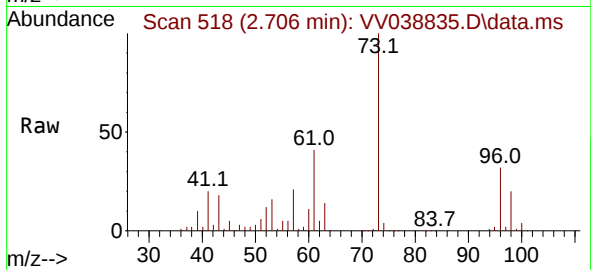




#19
Methyl tert-butyl Ether
Concen: 50.160 ug/l
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

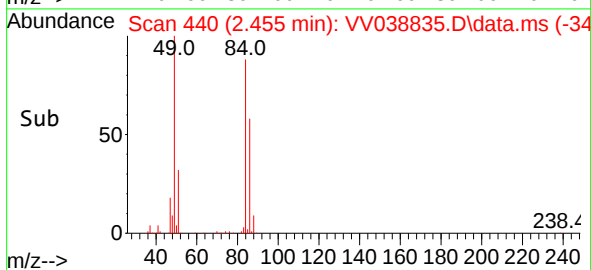
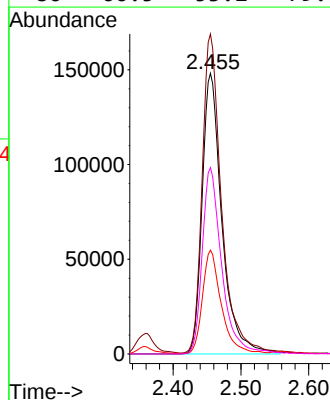
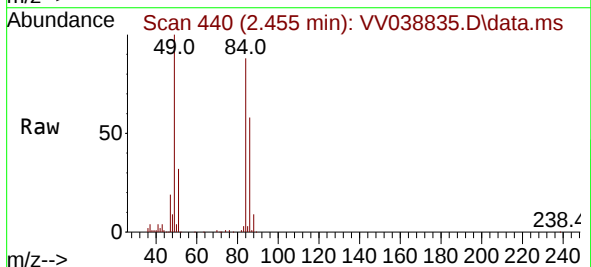
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

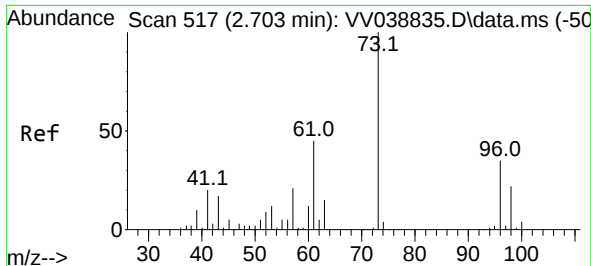
Tgt Ion: 73 Resp: 893591
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 43.425 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 84 Resp: 299886
Ion Ratio Lower Upper
84 100
49 113.7 91.0 136.4
51 36.8 29.4 44.2
86 66.5 53.2 79.8

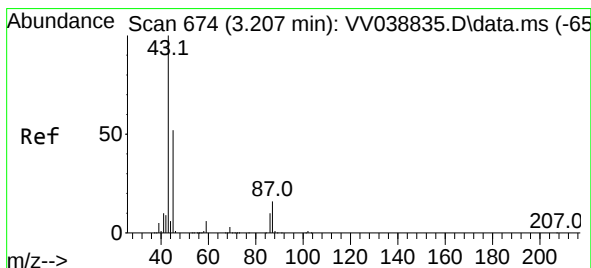
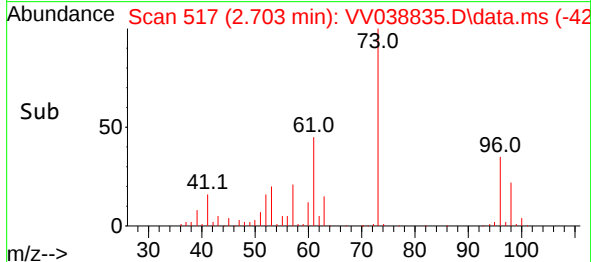
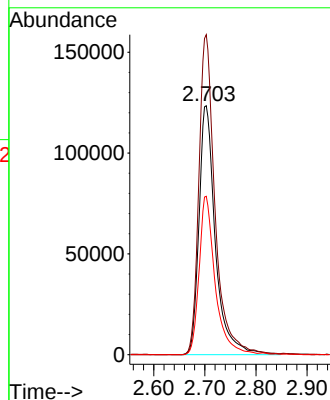
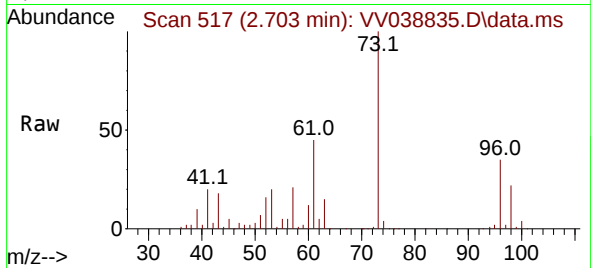




#21
trans-1,2-Dichloroethene
Concen: 47.851 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

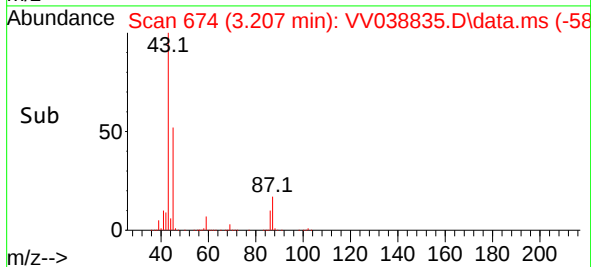
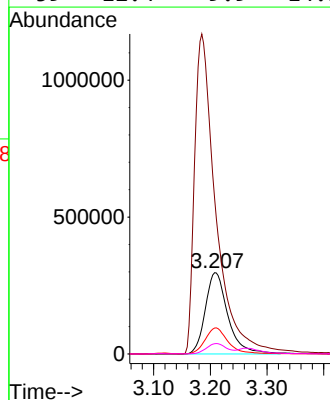
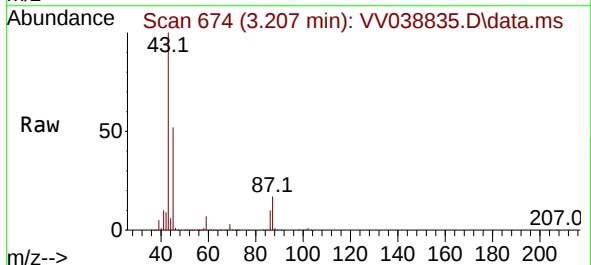
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

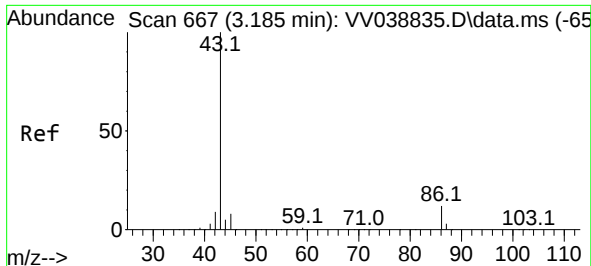
Tgt Ion: 96 Resp: 275724
Ion Ratio Lower Upper
96 100
61 128.5 102.8 154.2
98 63.6 50.9 76.3



#22
Diisopropyl ether
Concen: 51.849 ug/l
RT: 3.207 min Scan# 674
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 45 Resp: 823666
Ion Ratio Lower Upper
45 100
43 191.4 153.1 229.7
87 31.5 25.2 37.8
59 12.4 9.9 14.9

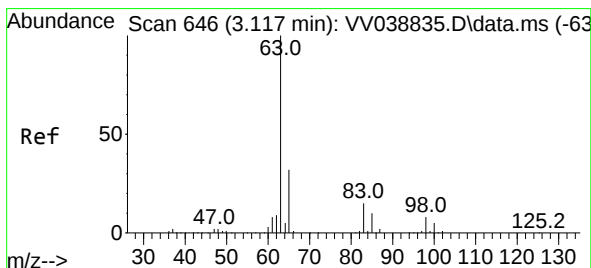
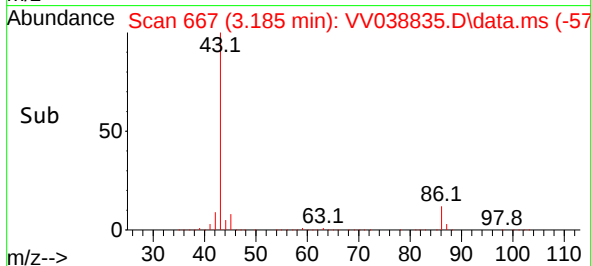
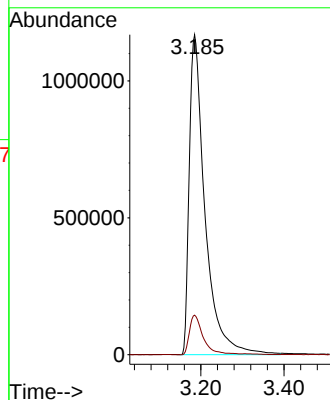
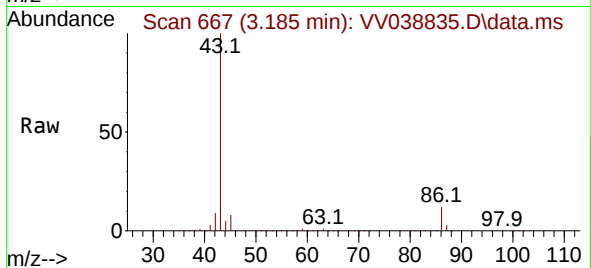




#23
 Vinyl Acetate
 Concen: 267.922 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV038835.D
 Acq: 02 Jul 2025 11:14

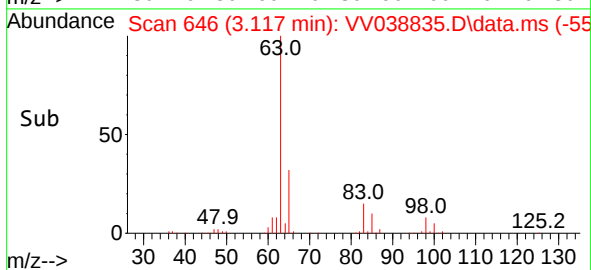
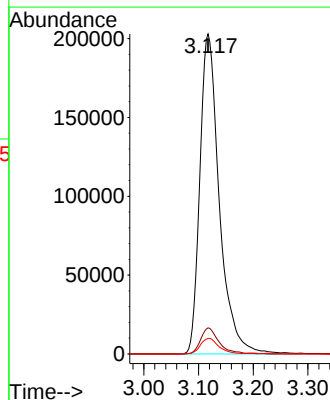
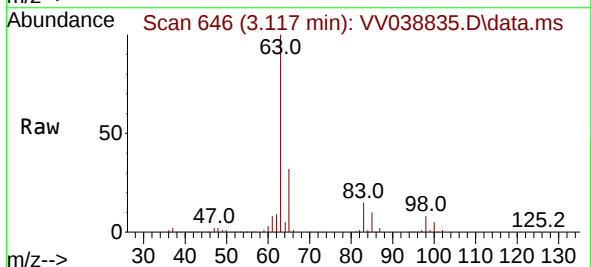
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

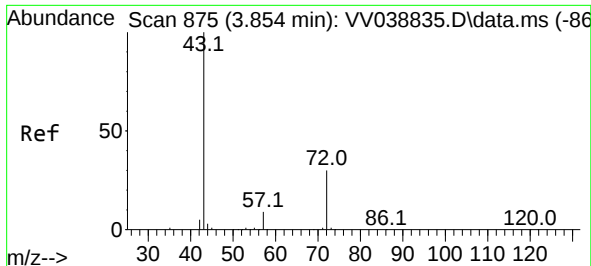
Tgt Ion: 43 Resp: 3069117
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 46.843 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038835.D
 Acq: 02 Jul 2025 11:14

Tgt Ion: 63 Resp: 501654
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.1 12.3
 100 4.8 2.4 7.2

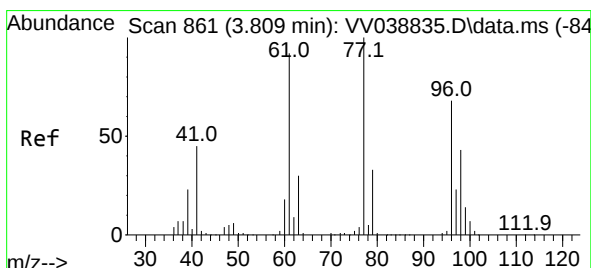
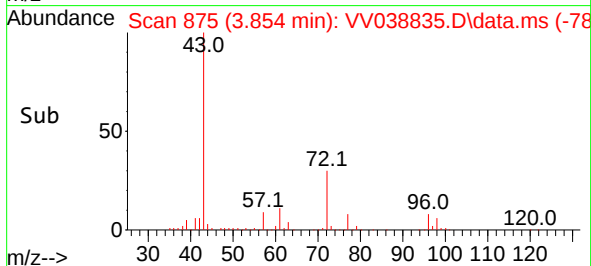
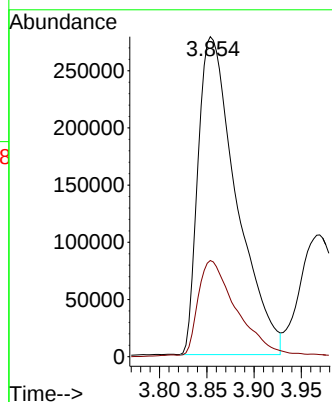
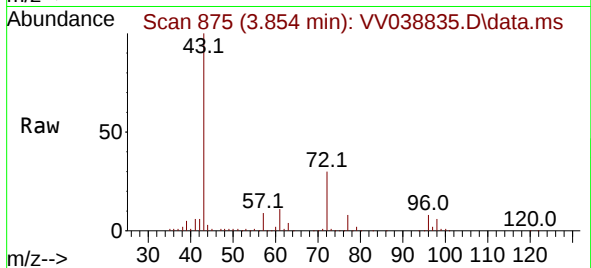




#25
2-Butanone
Concen: 266.274 ug/l
RT: 3.854 min Scan# 875
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

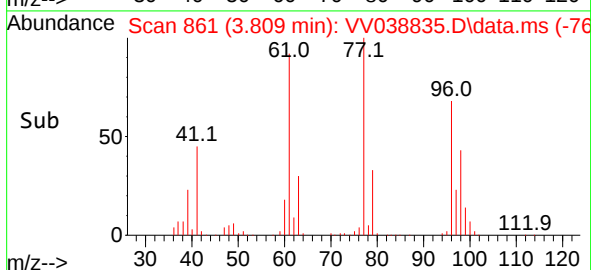
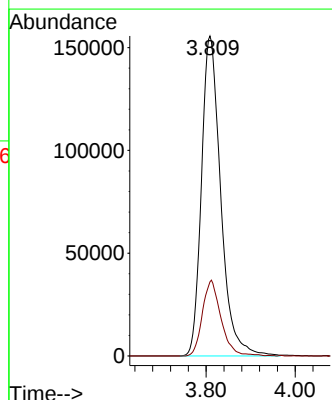
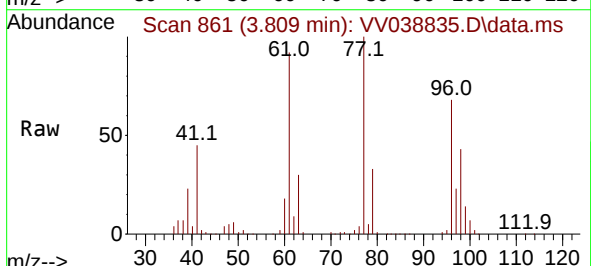
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

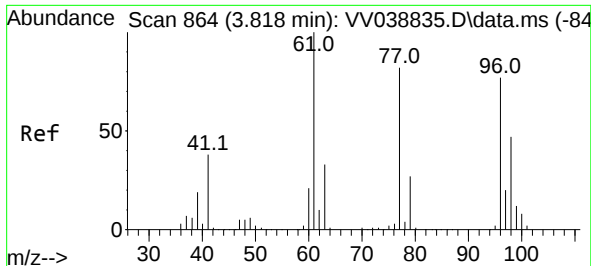
Tgt Ion: 43 Resp: 784010
Ion Ratio Lower Upper
43 100
72 29.8 23.8 35.8



#26
2,2-Dichloropropane
Concen: 47.130 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 77 Resp: 467797
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 49.096 ug/l

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

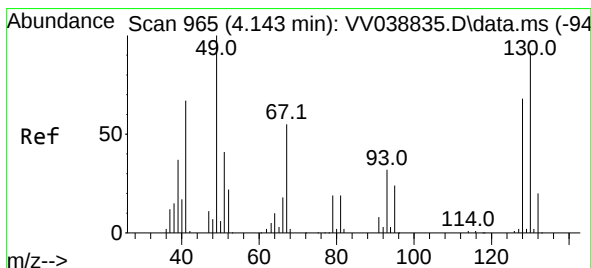
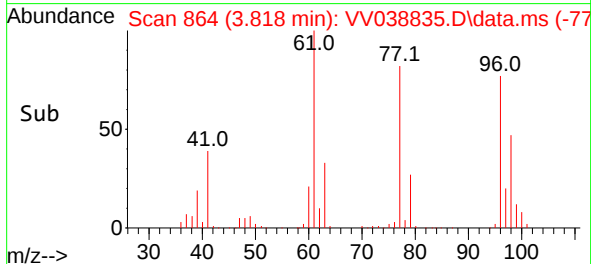
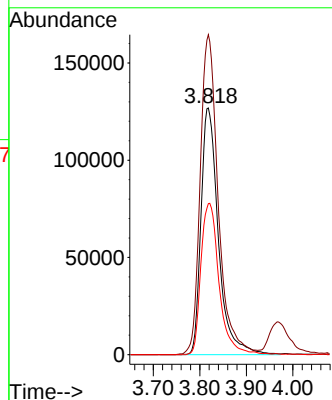
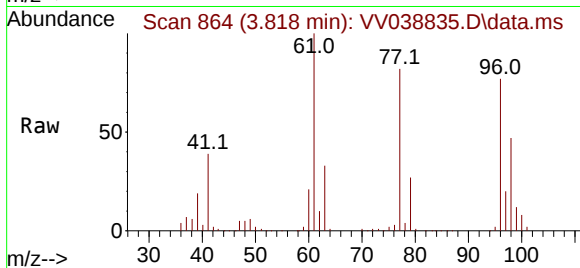
Tgt Ion: 96 Resp: 329683

Ion Ratio Lower Upper

96 100

61 134.2 0.0 268.4

98 64.0 0.0 128.0



#28

Bromochloromethane

Concen: 45.863 ug/l

RT: 4.143 min Scan# 965

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

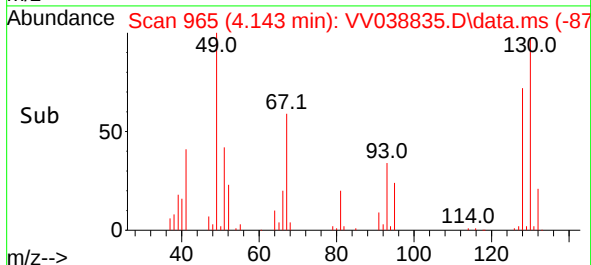
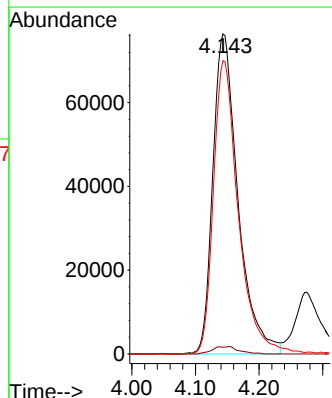
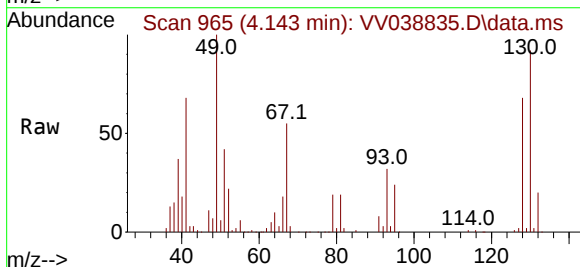
Tgt Ion: 49 Resp: 209914

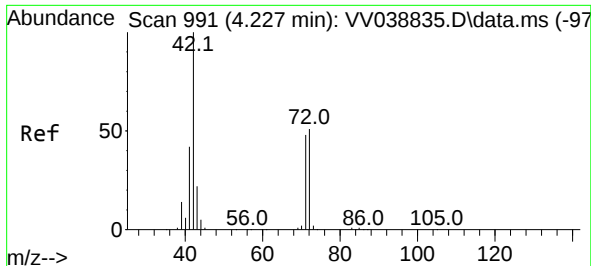
Ion Ratio Lower Upper

49 100

129 1.1 0.0 2.2

130 90.6 72.5 108.7





#29

Tetrahydrofuran

Concen: 264.292 ug/l

RT: 4.227 min Scan# 991

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

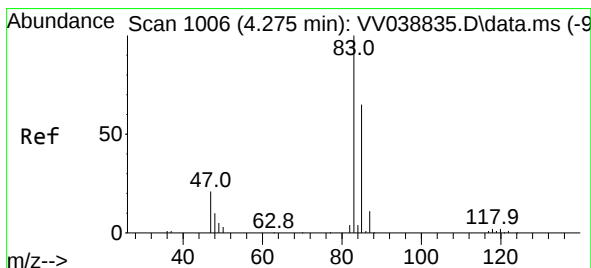
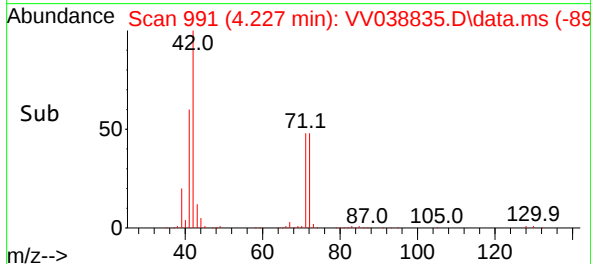
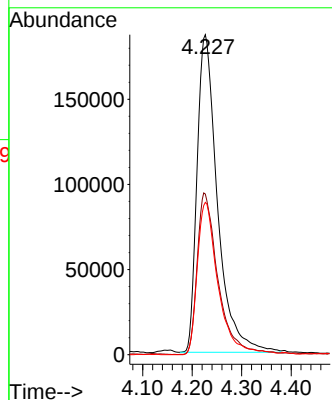
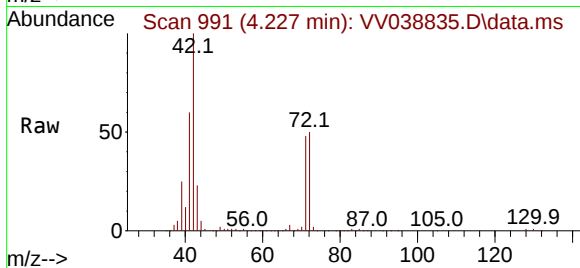
Tgt Ion: 42 Resp: 535187

Ion Ratio Lower Upper

42 100

72 51.6 41.3 61.9

71 49.0 39.2 58.8



#30

Chloroform

Concen: 48.309 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV038835.D

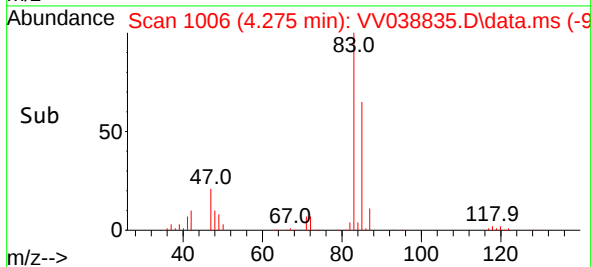
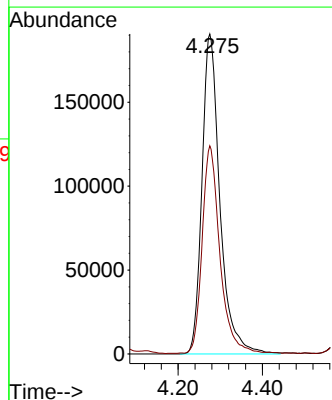
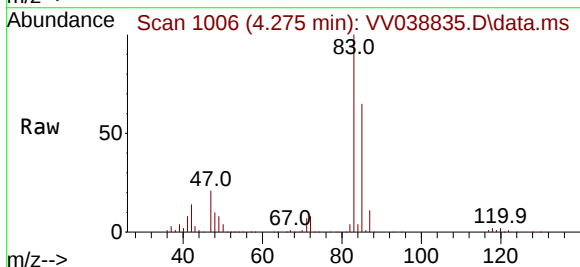
Acq: 02 Jul 2025 11:14

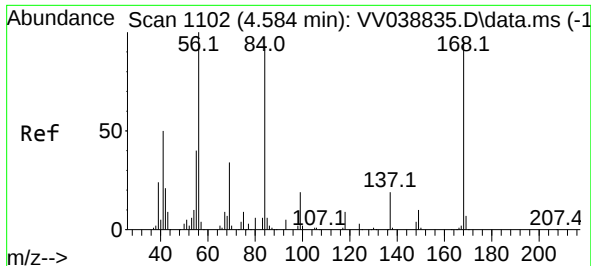
Tgt Ion: 83 Resp: 563678

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

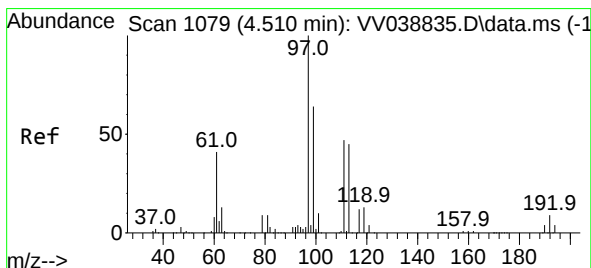
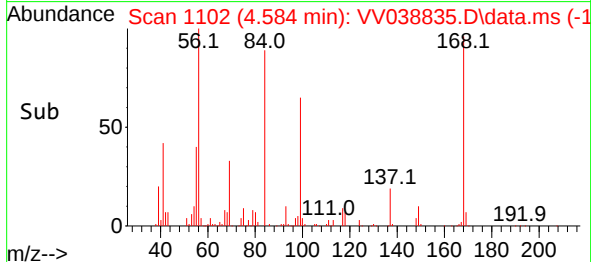
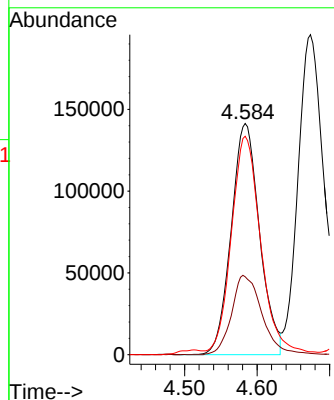
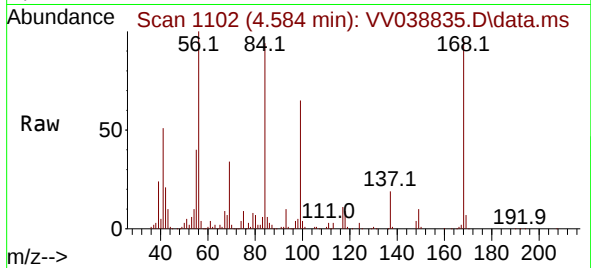




#31
Cyclohexane
Concen: 45.285 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

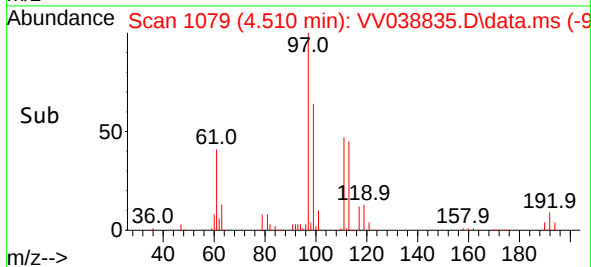
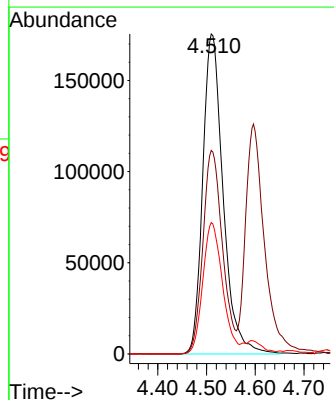
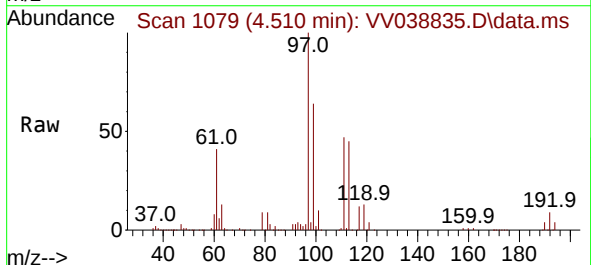
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 384066
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 93.0 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 47.015 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 97 Resp: 509132
Ion Ratio Lower Upper
97 100
99 61.0 48.8 73.2
61 39.8 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 47.115 ug/l

RT: 4.937 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

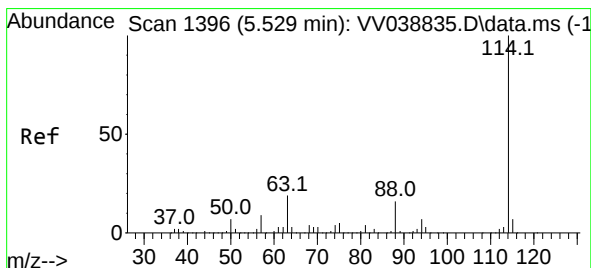
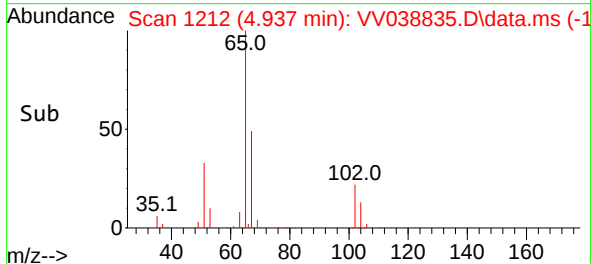
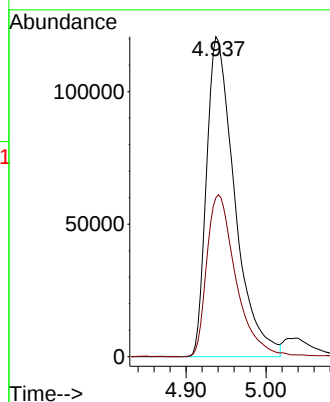
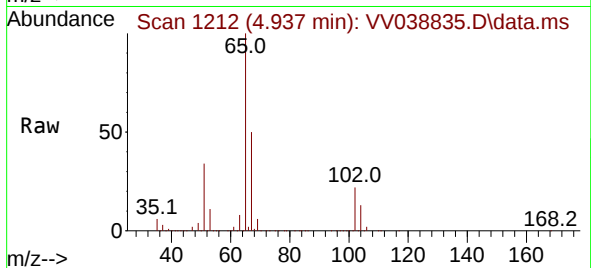
VSTDICCC050

Tgt Ion: 65 Resp: 295431

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

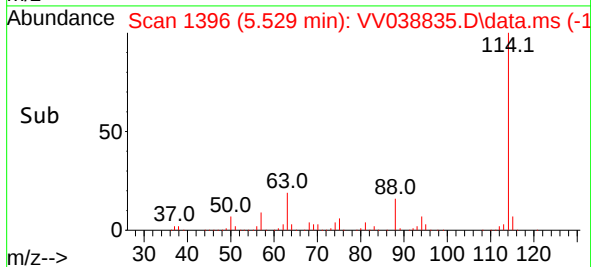
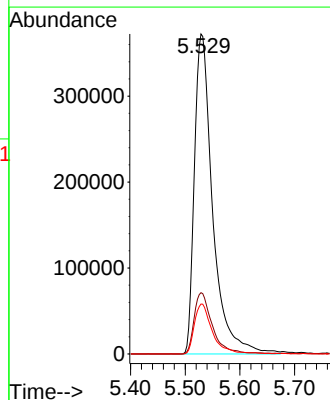
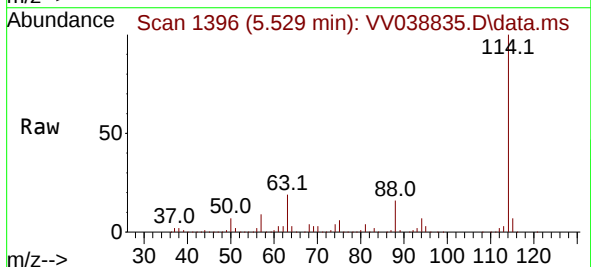
Tgt Ion: 114 Resp: 864270

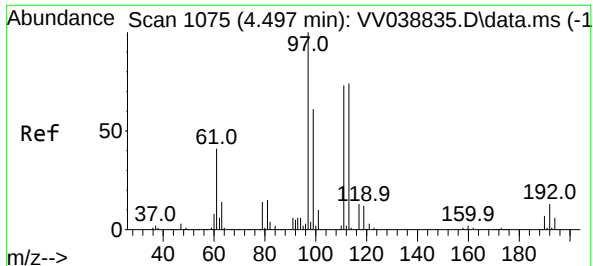
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.598 ug/l

RT: 4.497 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

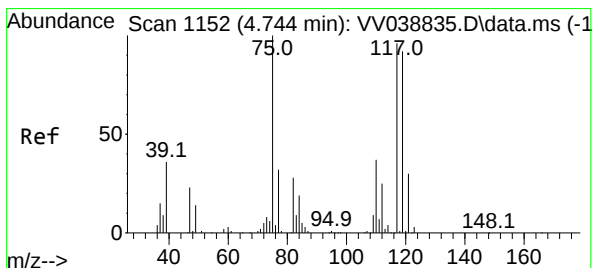
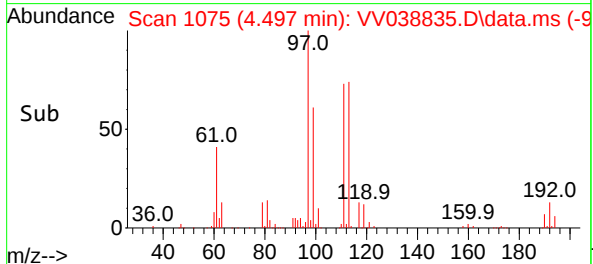
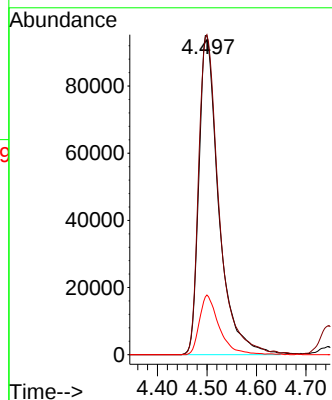
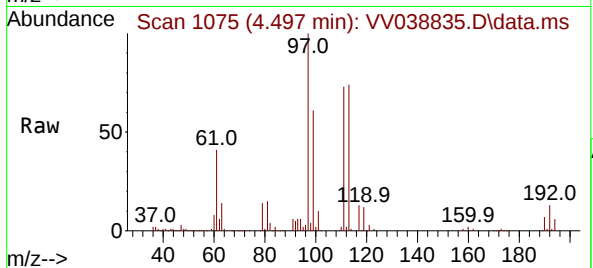
Tgt Ion:113 Resp: 266050

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

192 18.4 14.7 22.1



#36

1,1-Dichloropropene

Concen: 50.983 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

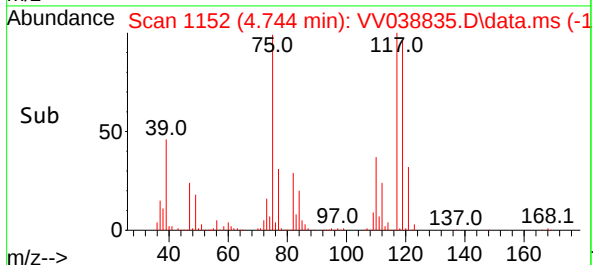
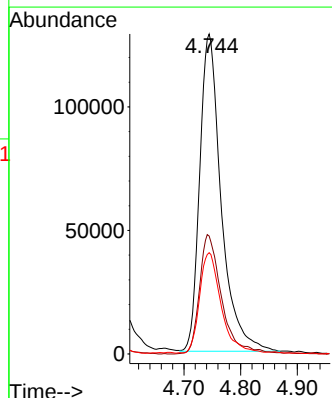
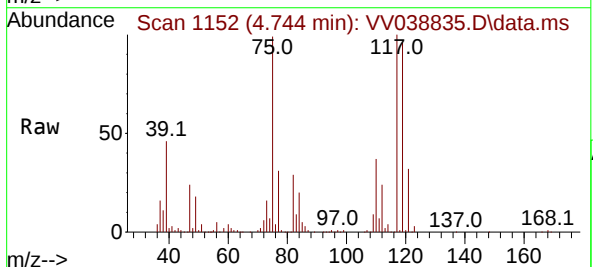
Tgt Ion: 75 Resp: 338679

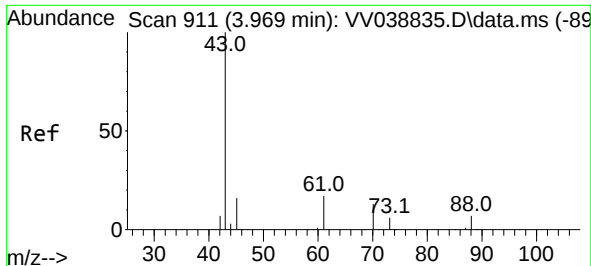
Ion Ratio Lower Upper

75 100

110 38.6 19.3 57.9

77 31.4 25.1 37.7

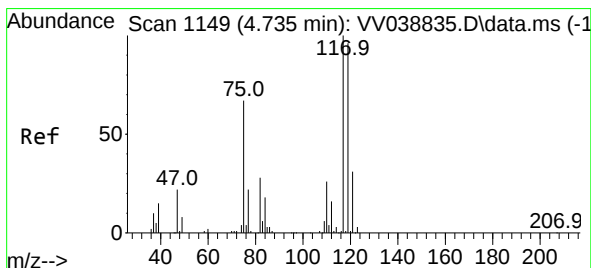
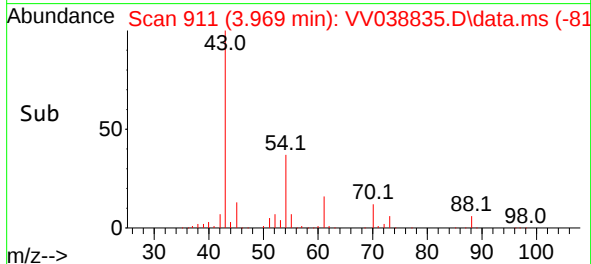
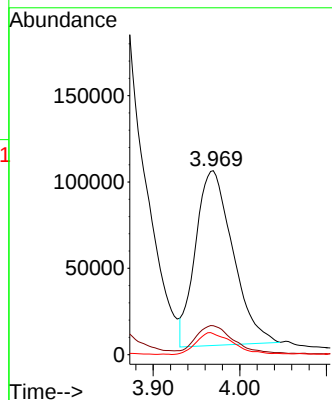
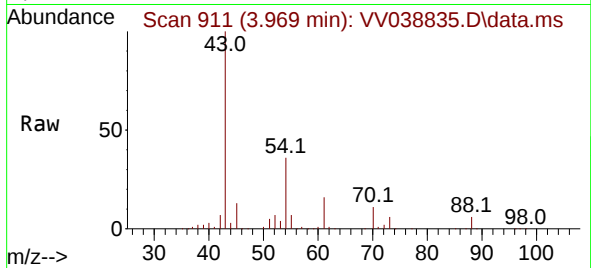




#37
Ethyl Acetate
Concen: 45.370 ug/l
RT: 3.969 min Scan# 911
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

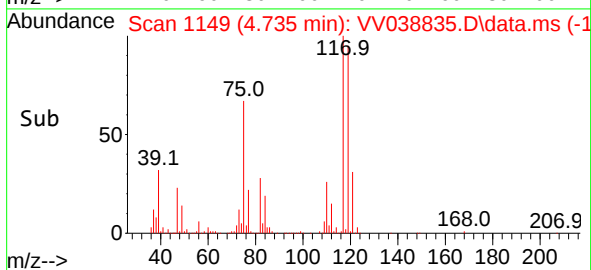
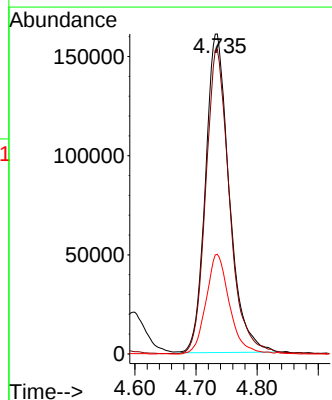
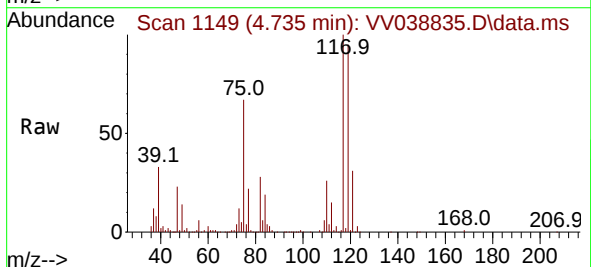
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

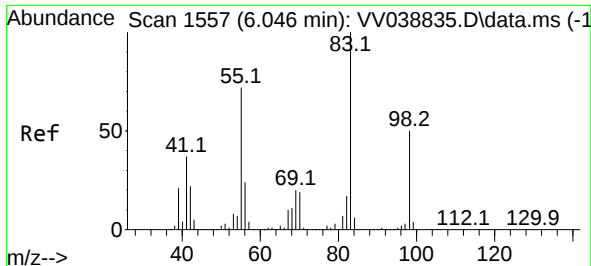
Tgt Ion: 43 Resp: 303032
Ion Ratio Lower Upper
43 100
61 16.2 13.0 19.4
70 12.0 9.6 14.4



#38
Carbon Tetrachloride
Concen: 49.581 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 117 Resp: 433524
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 31.3 25.0 37.6





#39

Methylcyclohexane

Concen: 49.289 ug/l

RT: 6.046 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

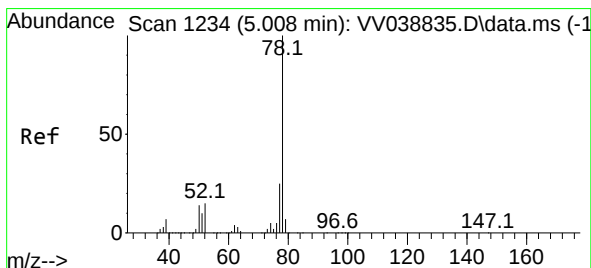
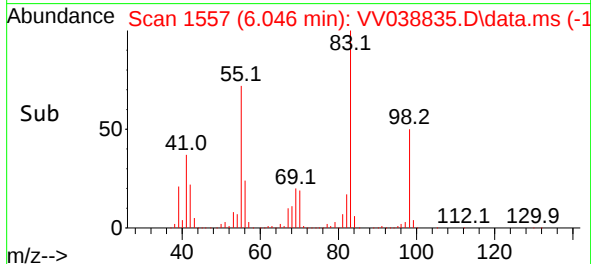
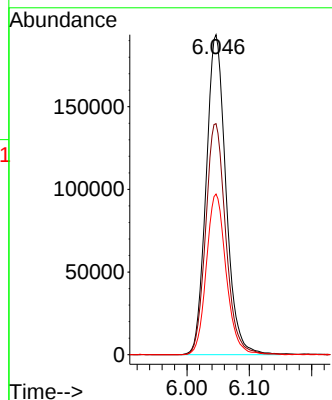
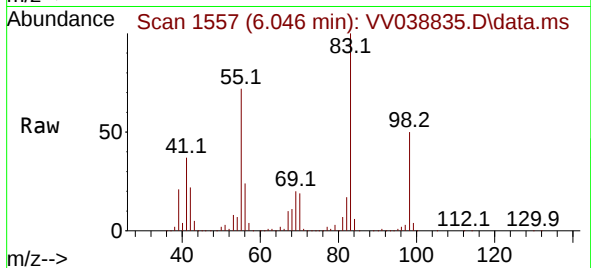
Tgt Ion: 83 Resp: 428105

Ion Ratio Lower Upper

83 100

55 72.1 57.7 86.5

98 50.2 40.2 60.2



#40

Benzene

Concen: 51.381 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038835.D

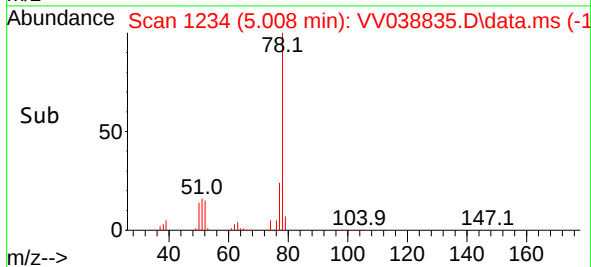
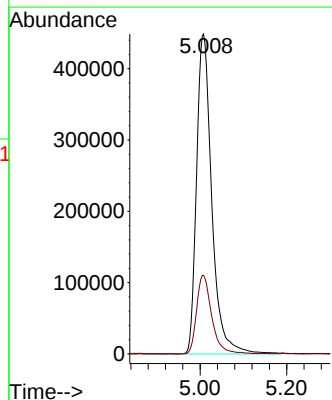
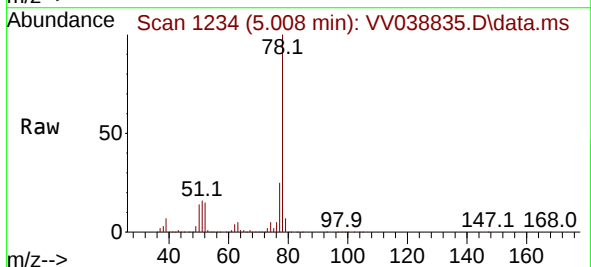
Acq: 02 Jul 2025 11:14

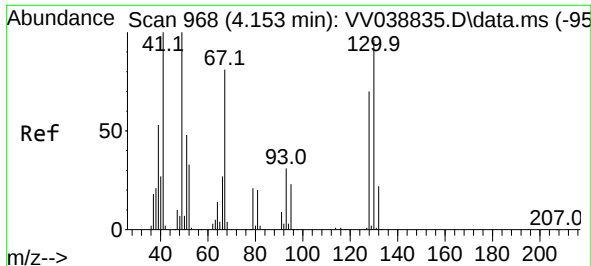
Tgt Ion: 78 Resp: 1094792

Ion Ratio Lower Upper

78 100

77 24.5 19.6 29.4



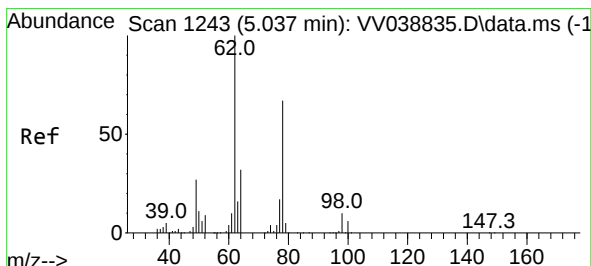
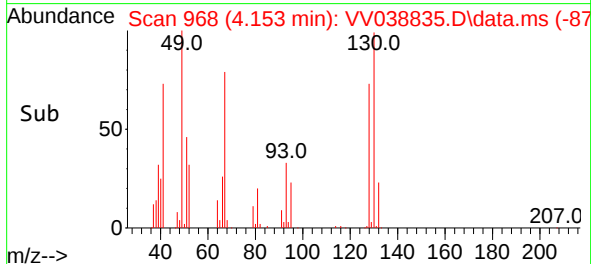
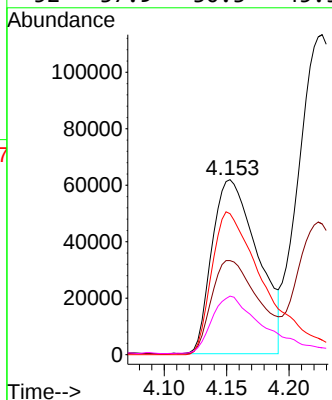
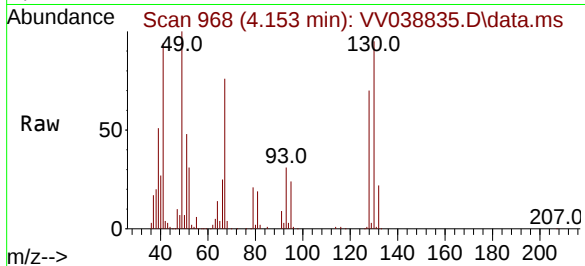


#41
Methacrylonitrile
Concen: 47.985 ug/l
RT: 4.153 min Scan# 968
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 157579

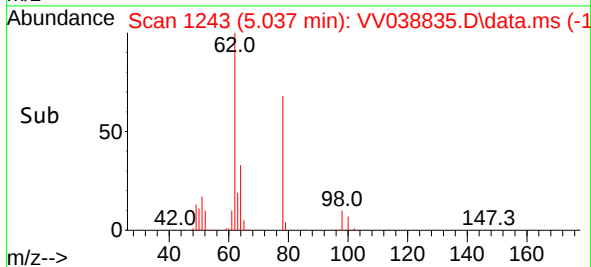
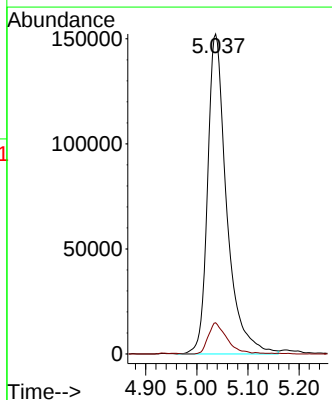
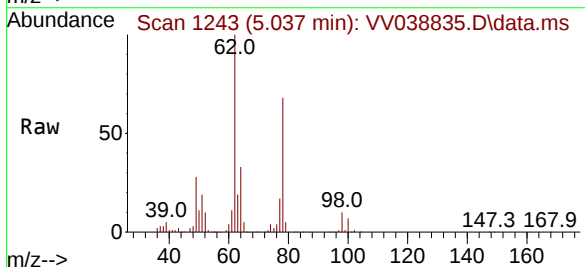
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.8	65.8
67	98.5	78.8	118.2
52	37.9	30.3	45.5

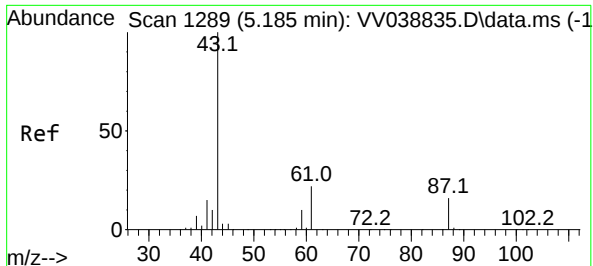


#42
1,2-Dichloroethane
Concen: 50.857 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 62 Resp: 394961

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0

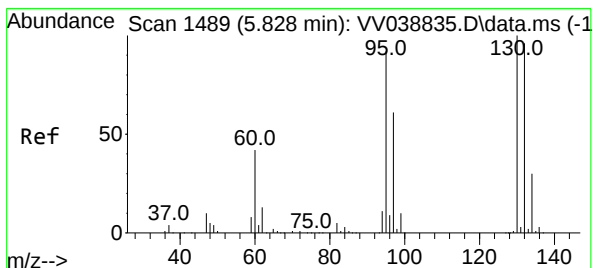
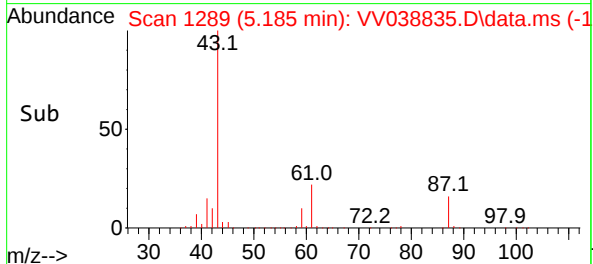
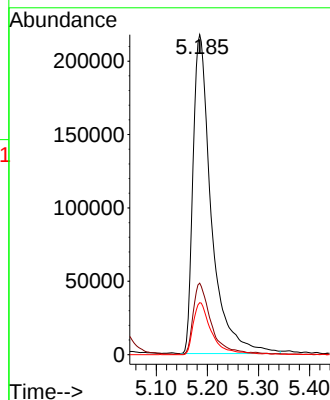
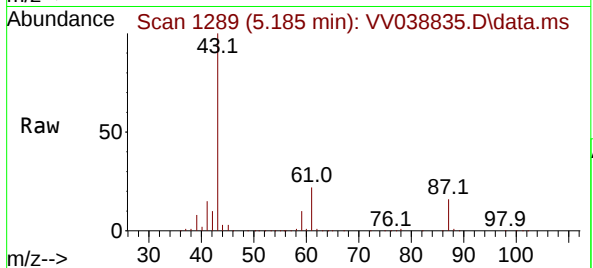




#43
Isopropyl Acetate
Concen: 50.307 ug/l
RT: 5.185 min Scan# 1289
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

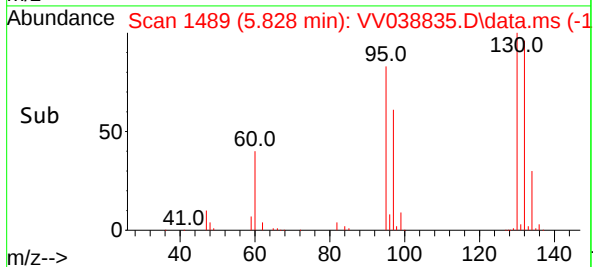
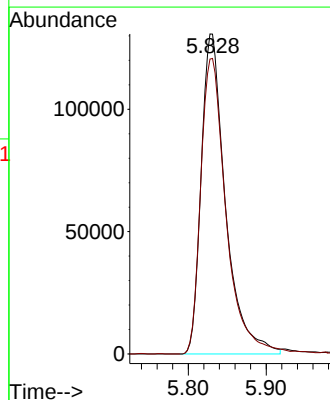
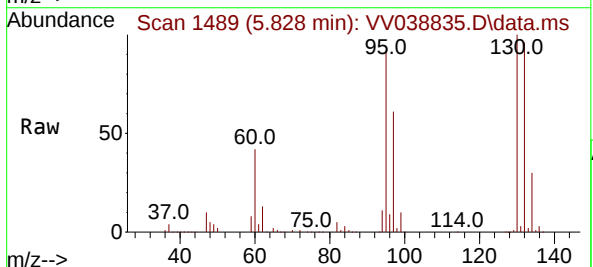
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

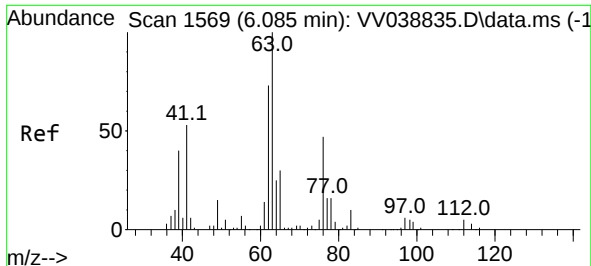
Tgt Ion: 43 Resp: 541847
Ion Ratio Lower Upper
43 100
61 21.3 17.0 25.6
87 16.3 13.0 19.6



#44
Trichloroethene
Concen: 49.444 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 130 Resp: 283045
Ion Ratio Lower Upper
130 100
95 92.2 0.0 184.4





#45

1,2-Dichloropropane

Concen: 49.850 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

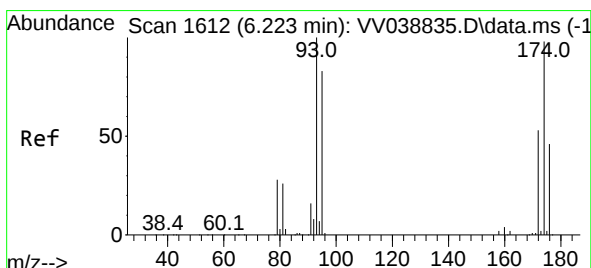
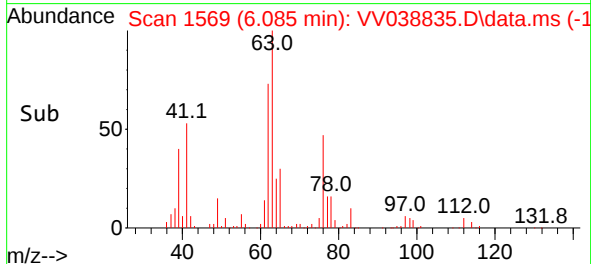
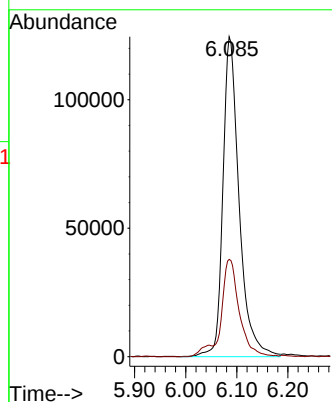
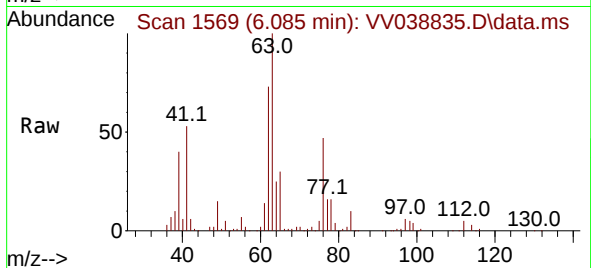
VSTDICCC050

Tgt Ion: 63 Resp: 274626

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5



#46

Dibromomethane

Concen: 48.478 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

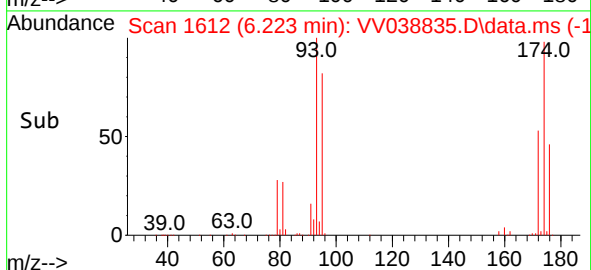
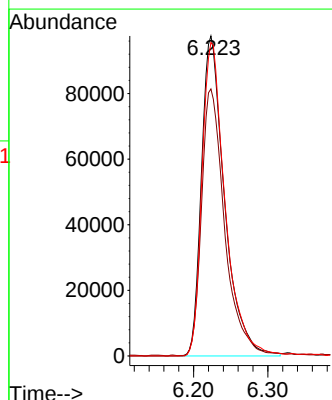
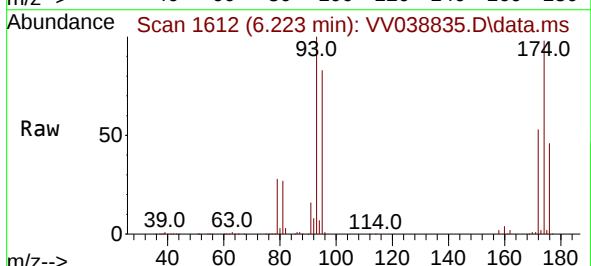
Tgt Ion: 93 Resp: 210611

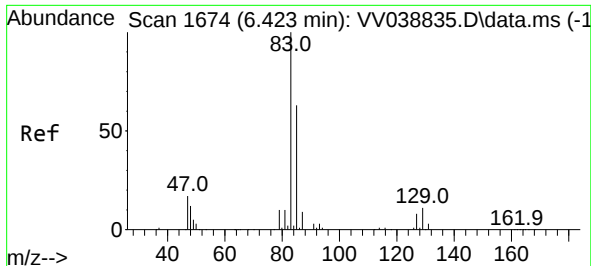
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 98.4 78.7 118.1

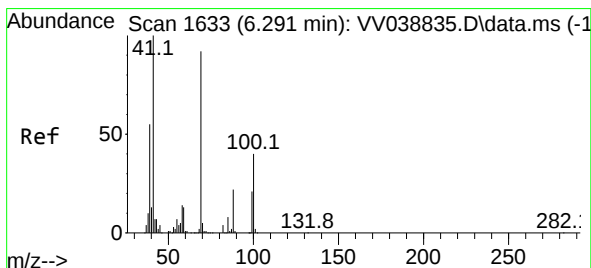
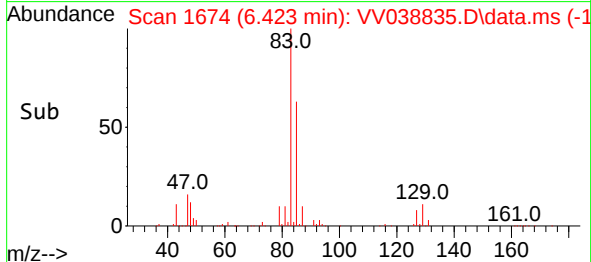
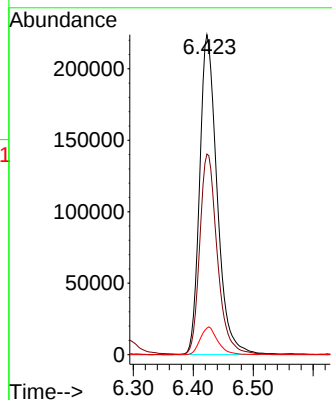
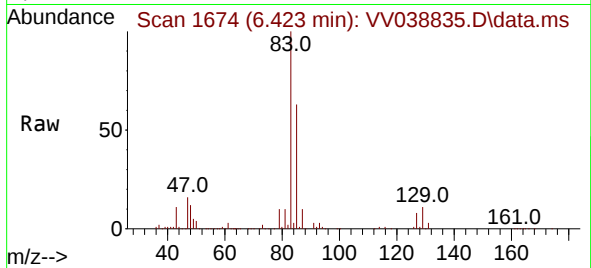




#47
Bromodichloromethane
Concen: 49.286 ug/l
RT: 6.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

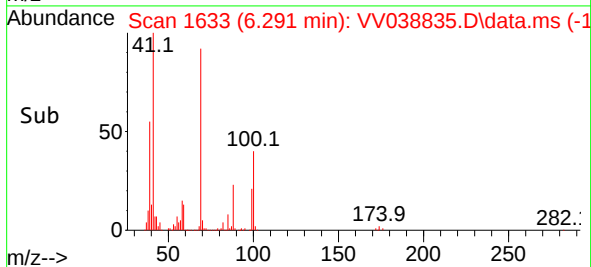
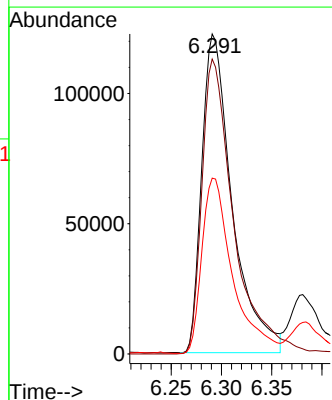
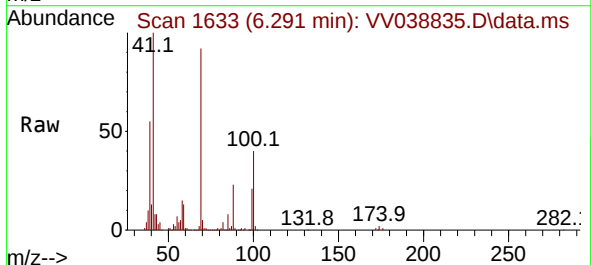
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

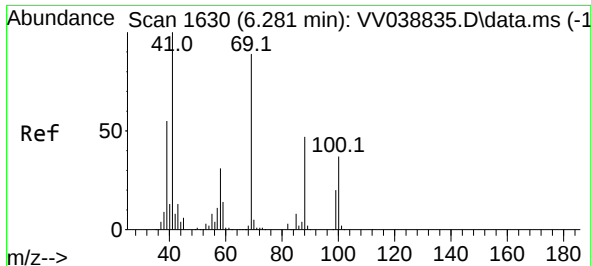
Tgt Ion: 83 Resp: 453396
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 53.036 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 41 Resp: 258320
Ion Ratio Lower Upper
41 100
69 96.8 77.4 116.2
39 55.3 44.2 66.4





#49

1,4-Dioxane

Concen: 1033.038 ug/l

RT: 6.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

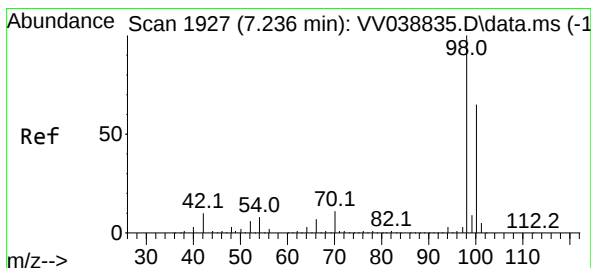
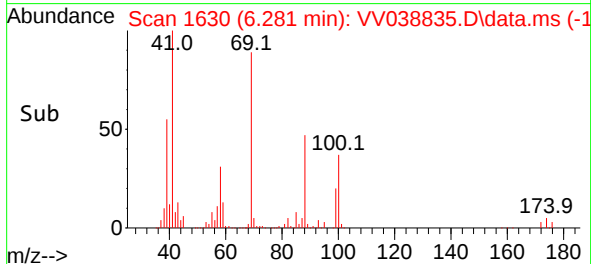
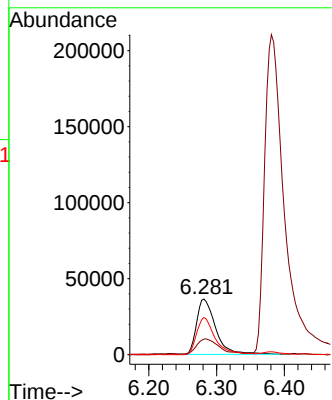
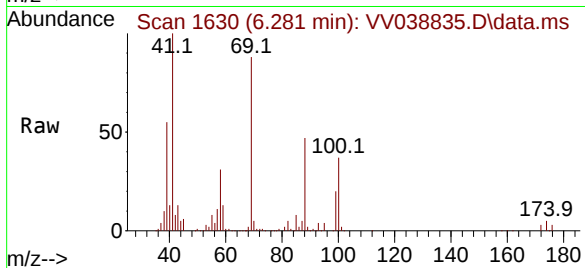
Tgt Ion: 88 Resp: 71028

Ion Ratio Lower Upper

88 100

43 31.5 25.2 37.8

58 65.1 52.1 78.1



#50

Toluene-d8

Concen: 47.892 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038835.D

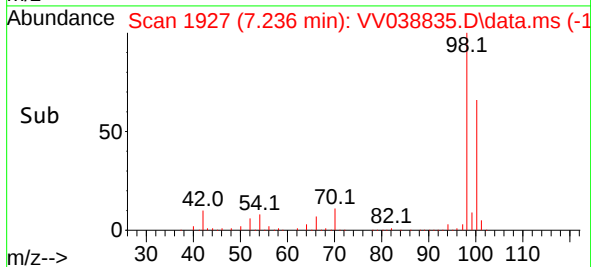
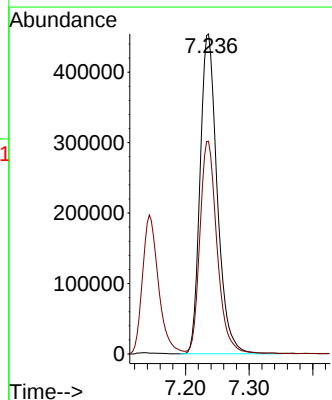
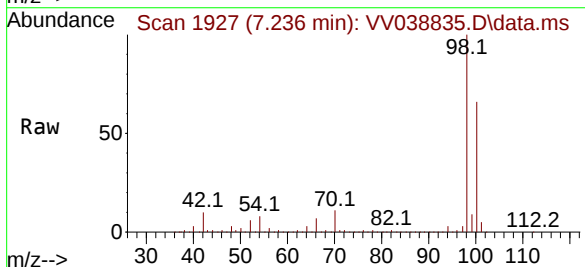
Acq: 02 Jul 2025 11:14

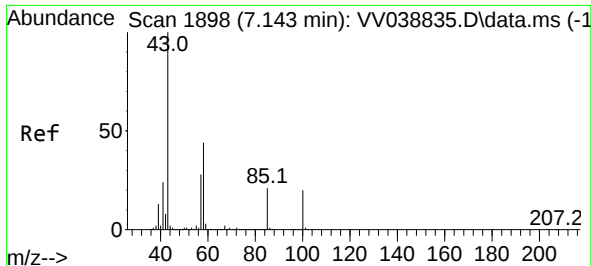
Tgt Ion: 98 Resp: 848271

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4

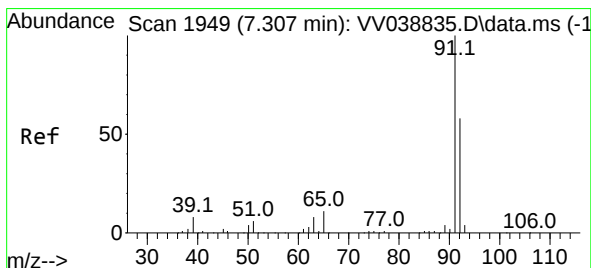
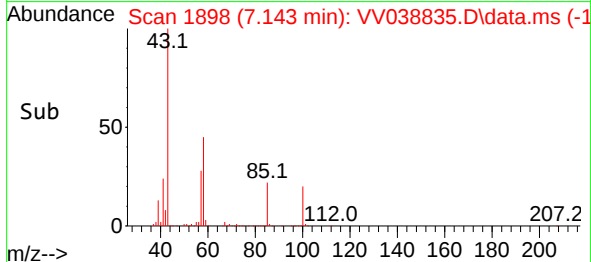
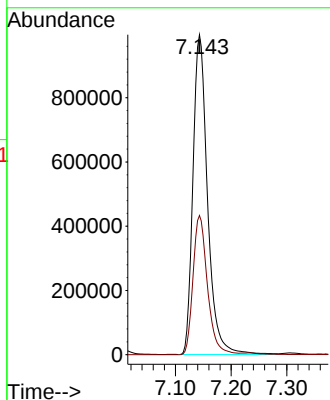
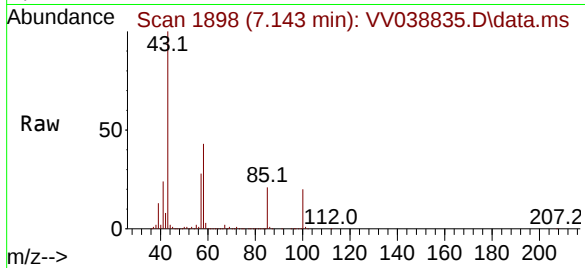




#51
4-Methyl-2-Pentanone
Concen: 270.056 ug/l
RT: 7.143 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

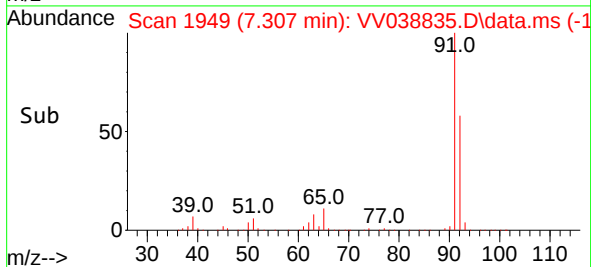
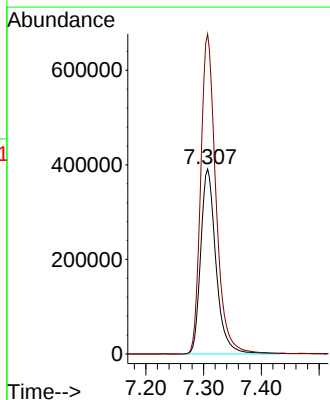
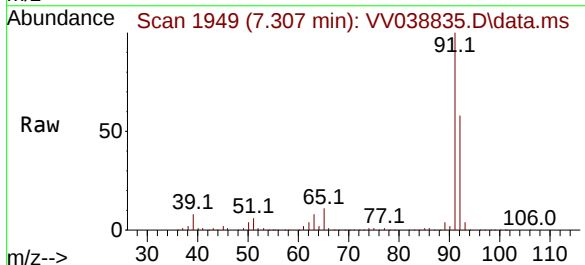
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

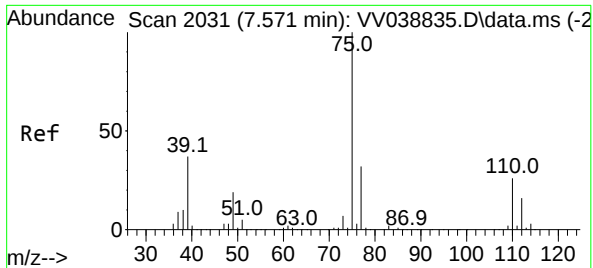
Tgt Ion: 43 Resp: 1813661
Ion Ratio Lower Upper
43 100
58 43.0 34.4 51.6



#52
Toluene
Concen: 52.424 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 92 Resp: 718477
Ion Ratio Lower Upper
92 100
91 173.1 138.5 207.7

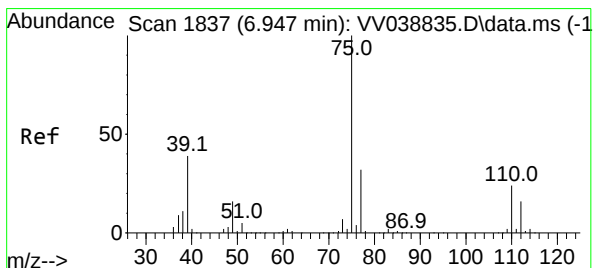
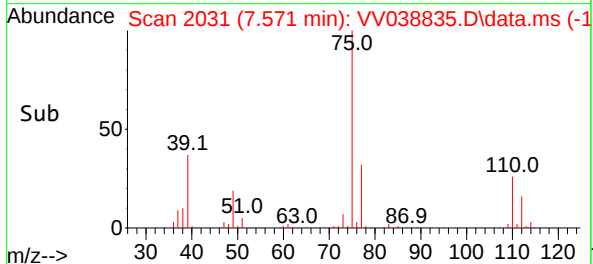
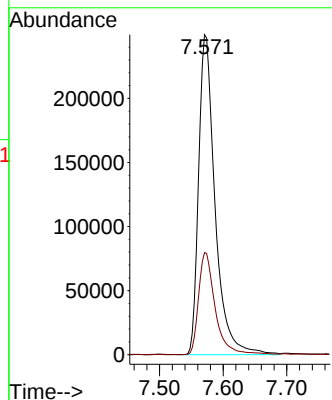
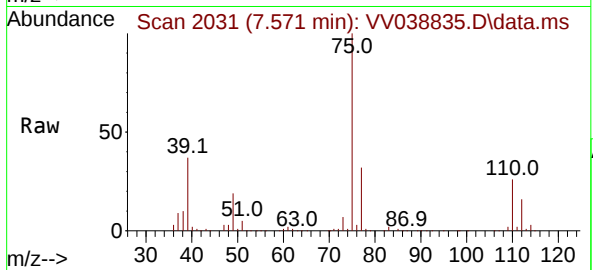




#53
 t-1,3-Dichloropropene
 Concen: 52.505 ug/l
 RT: 7.571 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VV038835.D
 Acq: 02 Jul 2025 11:14

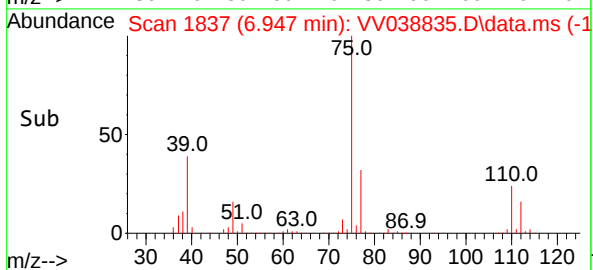
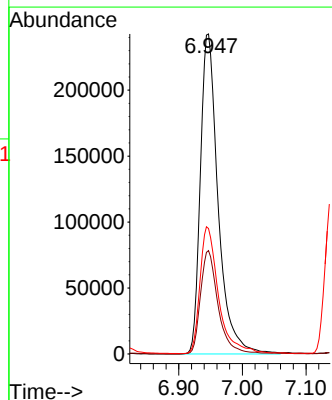
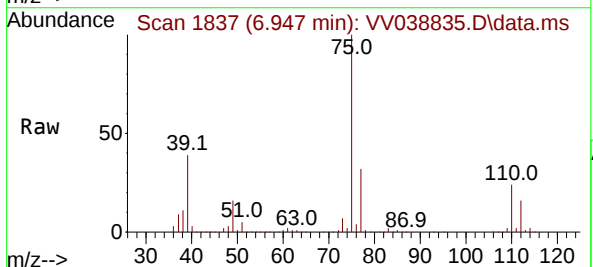
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

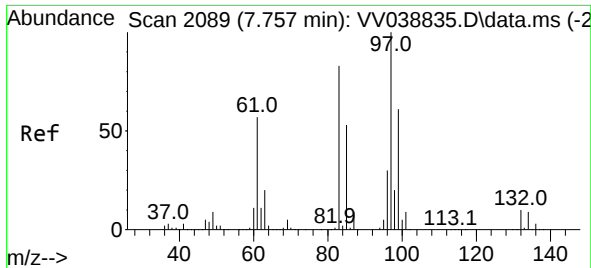
Tgt Ion: 75 Resp: 448725
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.254 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV038835.D
 Acq: 02 Jul 2025 11:14

Tgt Ion: 75 Resp: 470537
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 39.1 31.3 46.9

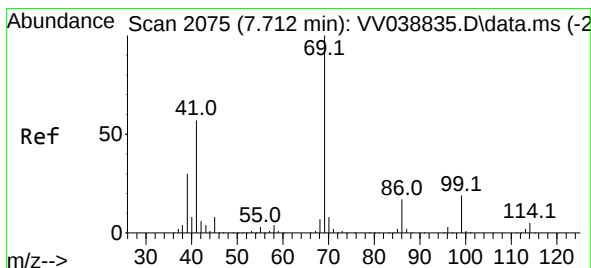
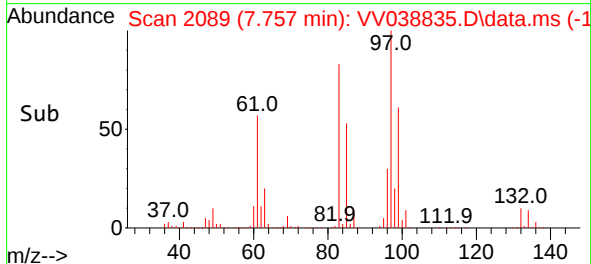
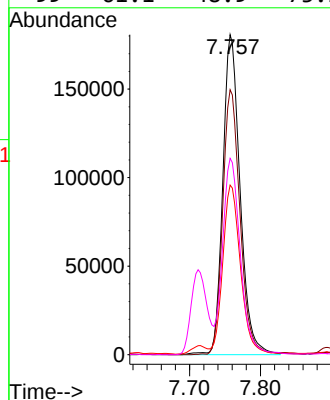
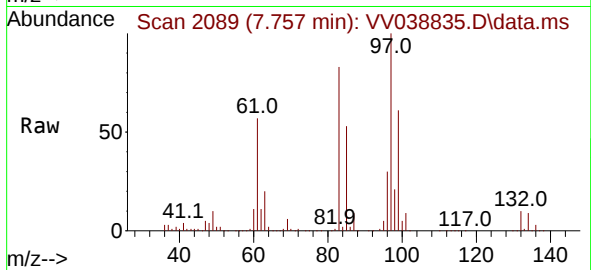




#55
1,1,2-Trichloroethane
Concen: 51.035 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

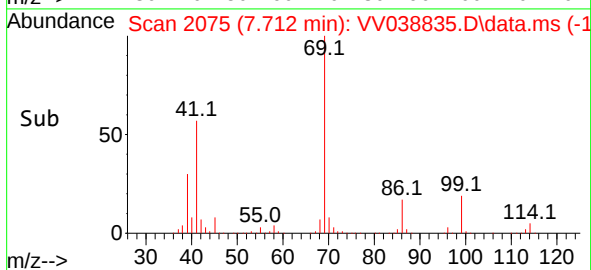
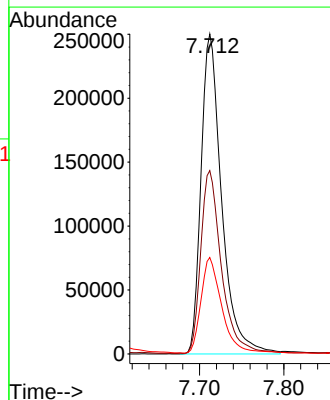
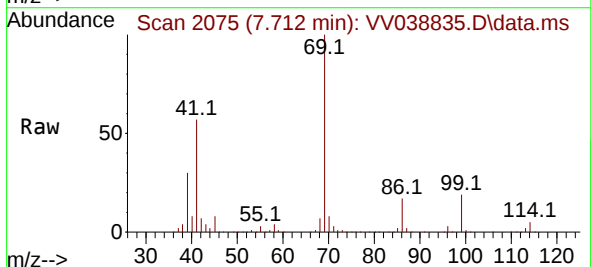
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

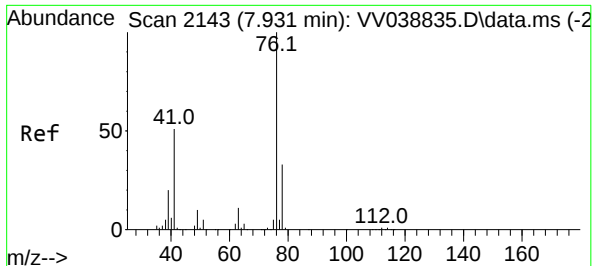
Tgt Ion:	97	Resp:	305855
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.2	99.4
85	52.8	42.2	63.4
99	61.1	48.9	73.3



#56
Ethyl methacrylate
Concen: 54.117 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion:	69	Resp:	426674
Ion	Ratio	Lower	Upper
69	100		
41	57.6	46.1	69.1
39	30.1	24.1	36.1

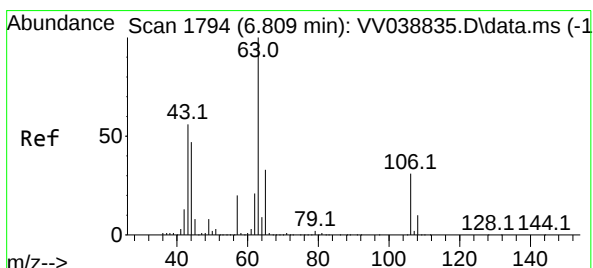
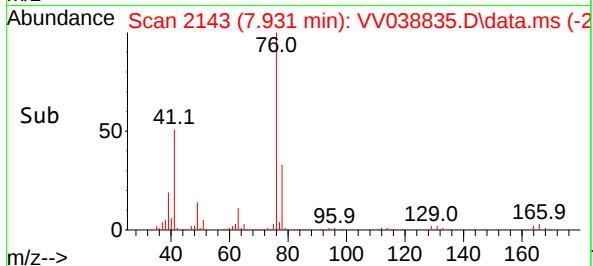
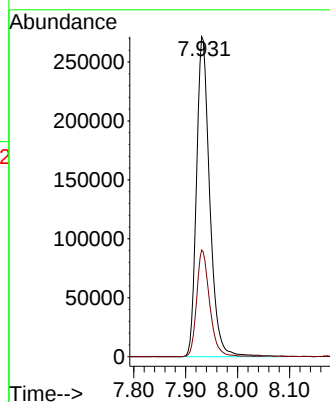
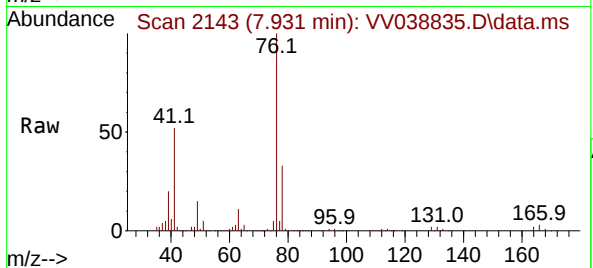




#57
1,3-Dichloropropane
Concen: 50.940 ug/l
RT: 7.931 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

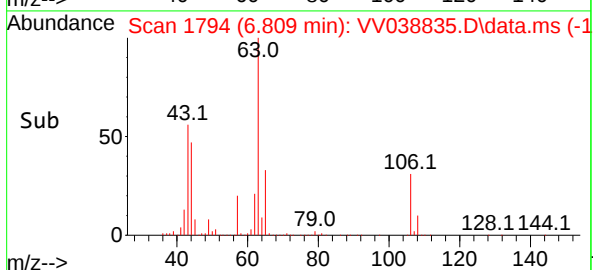
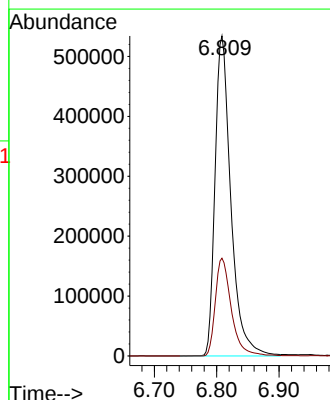
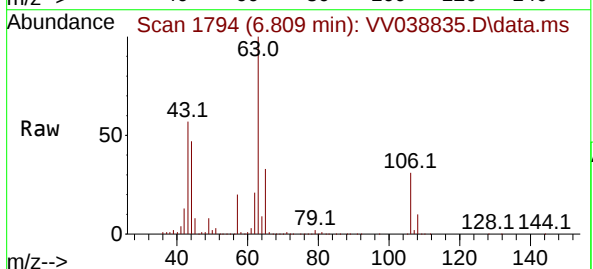
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

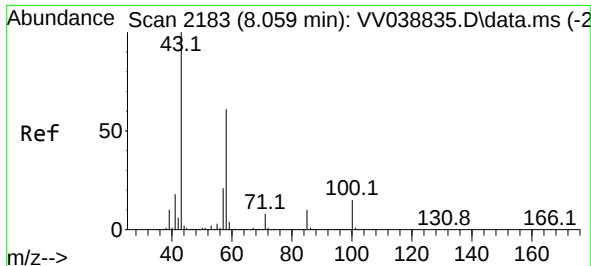
Tgt Ion: 76 Resp: 480921
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 273.800 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 63 Resp: 942450
Ion Ratio Lower Upper
63 100
106 30.8 24.6 37.0

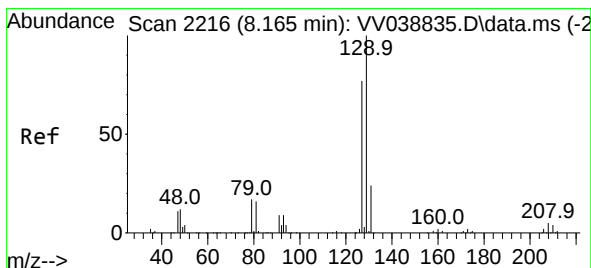
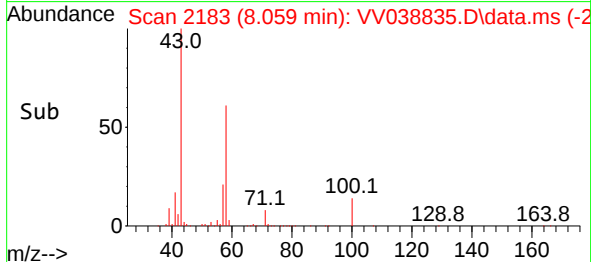
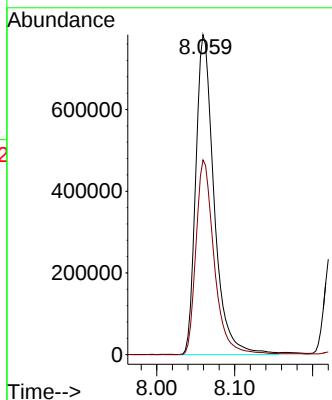
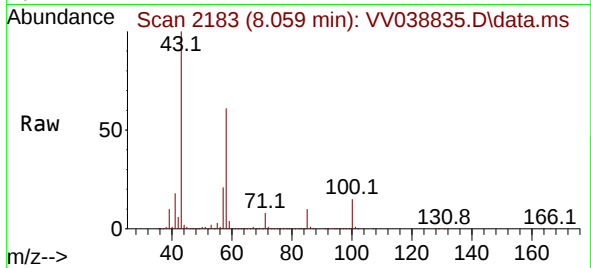




#59
2-Hexanone
Concen: 262.845 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

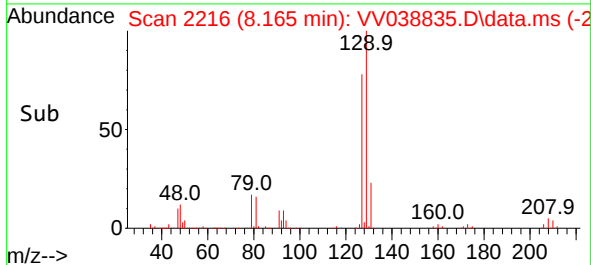
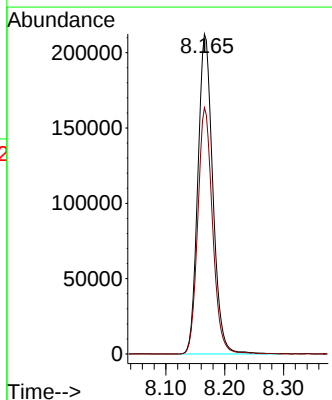
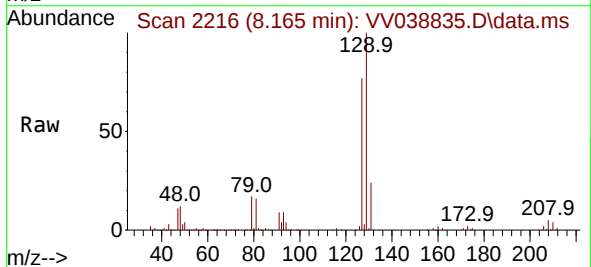
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

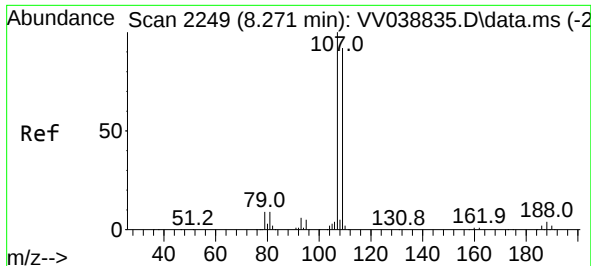
Tgt Ion: 43 Resp: 1279790
Ion Ratio Lower Upper
43 100
58 60.7 30.3 91.0



#60
Dibromochloromethane
Concen: 49.570 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 129 Resp: 374044
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

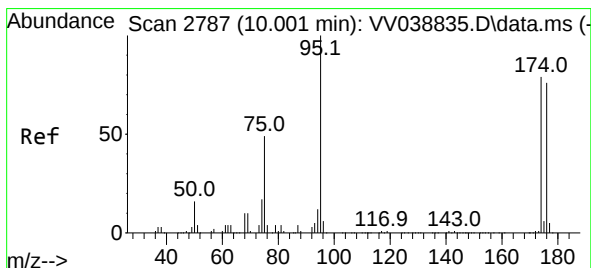
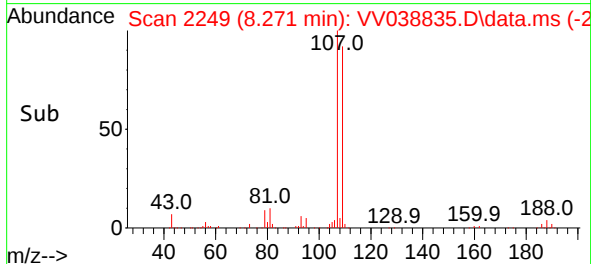
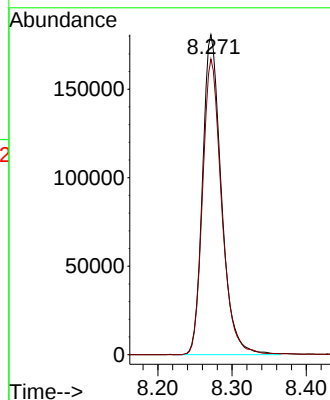
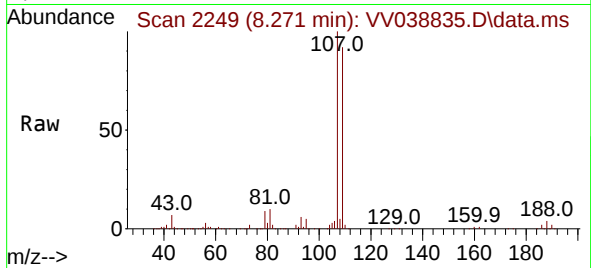




#61
1,2-Dibromoethane
Concen: 52.267 ug/l
RT: 8.271 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

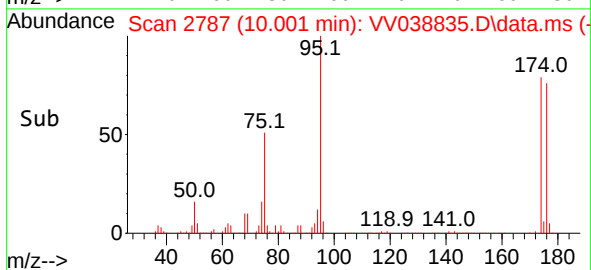
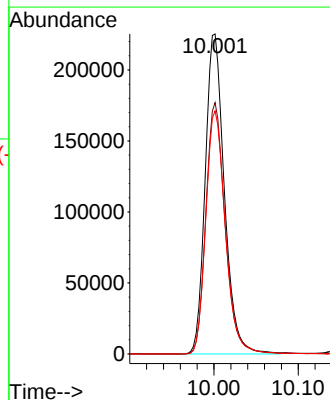
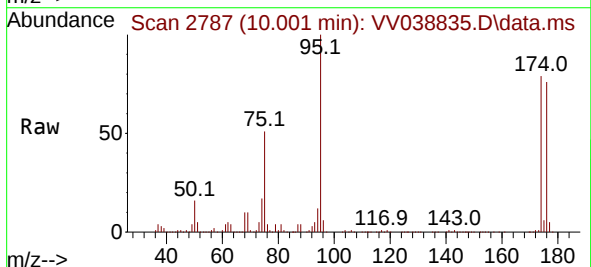
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

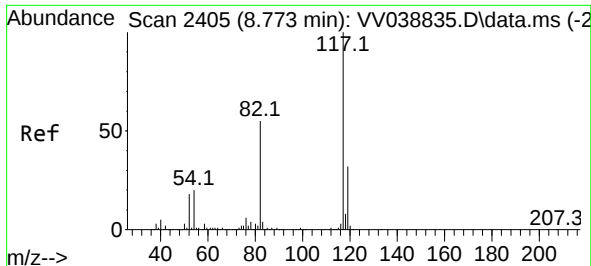
Tgt Ion:107 Resp: 318167
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 49.867 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 95 Resp: 356849
Ion Ratio Lower Upper
95 100
174 79.1 0.0 158.2
176 77.2 0.0 154.4

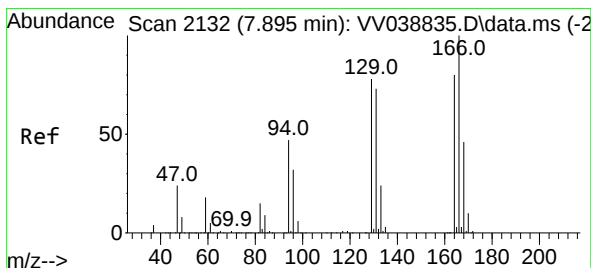
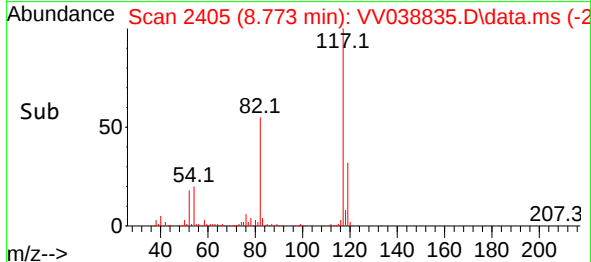
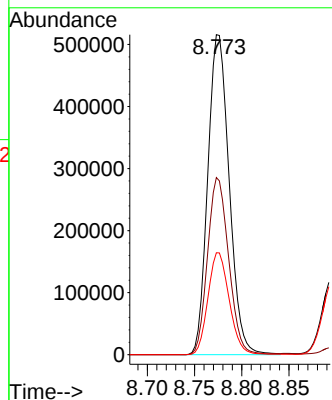
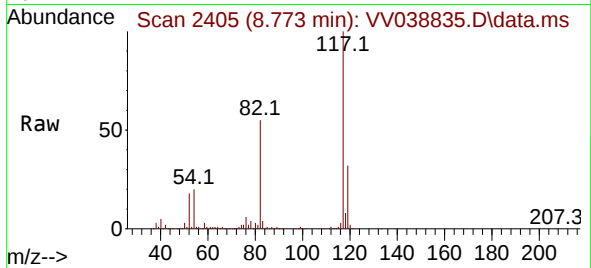




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

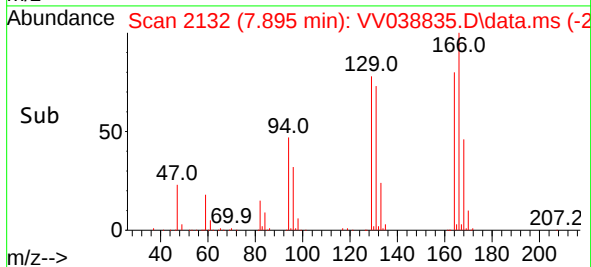
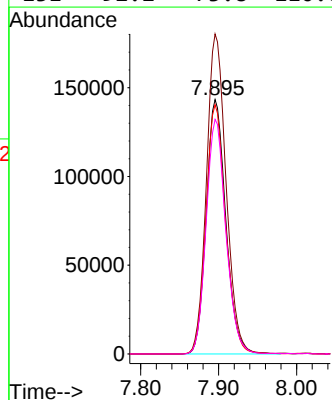
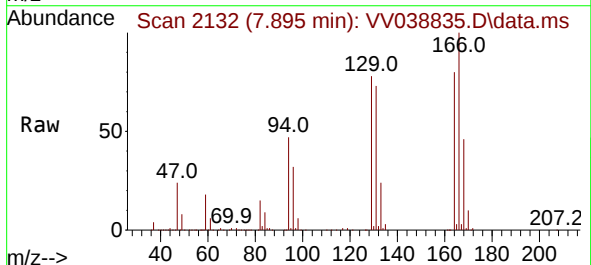
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

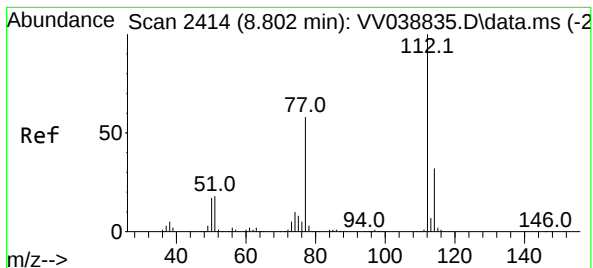
Tgt Ion:	117	Resp:	812985
Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.2	66.4
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 47.822 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion:	164	Resp:	250012
Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.6	151.0
129	98.0	78.4	117.6
131	92.2	73.8	110.6





#65

Chlorobenzene

Concen: 48.925 ug/l

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

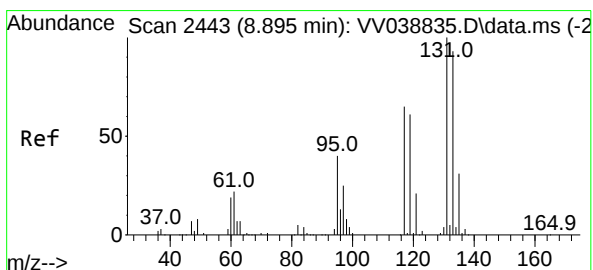
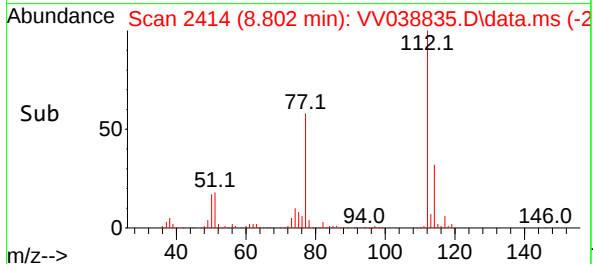
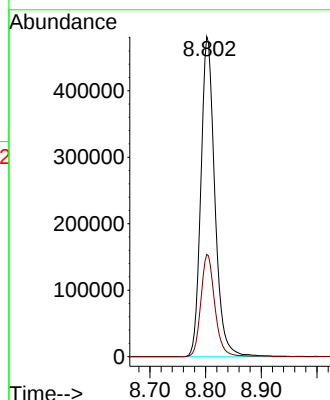
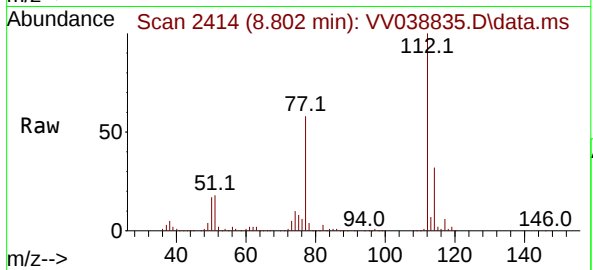
VSTDICCC050

Tgt Ion:112 Resp: 838231

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.446 ug/l

RT: 8.895 min Scan# 2443

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

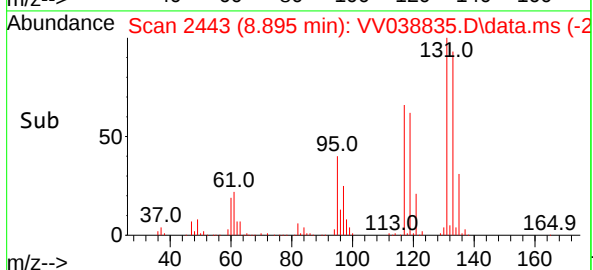
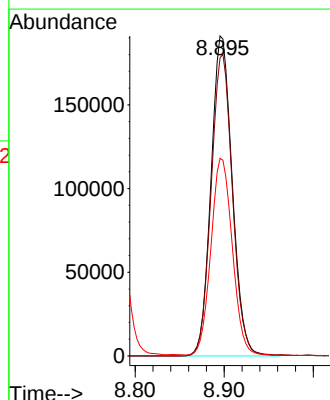
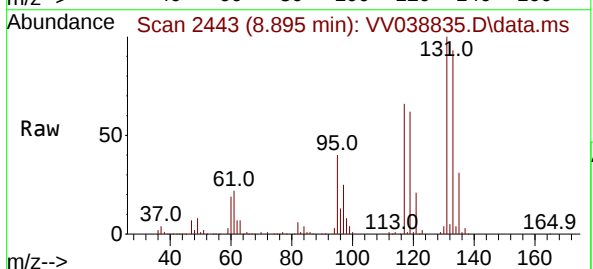
Tgt Ion:131 Resp: 316347

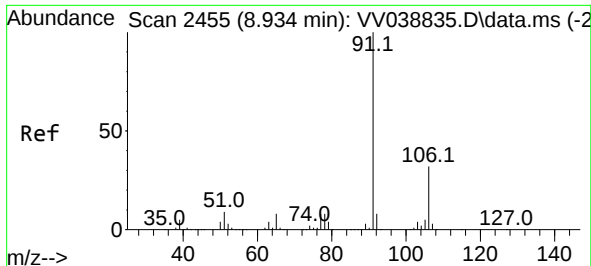
Ion Ratio Lower Upper

131 100

133 94.7 47.3 142.0

119 62.0 31.0 93.0





#67

Ethyl Benzene

Concen: 52.490 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

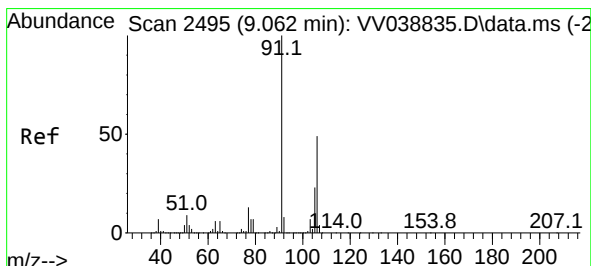
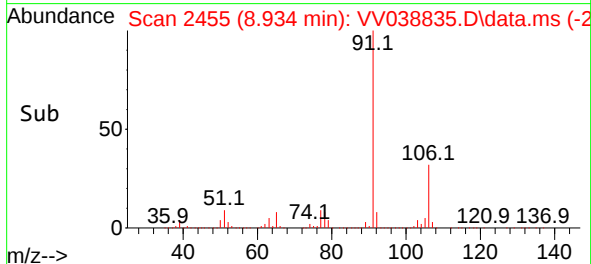
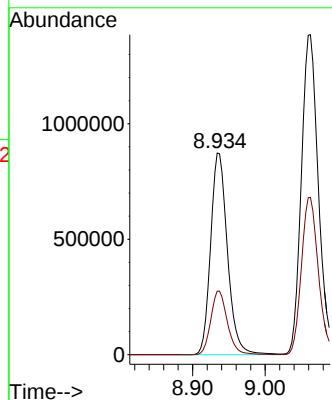
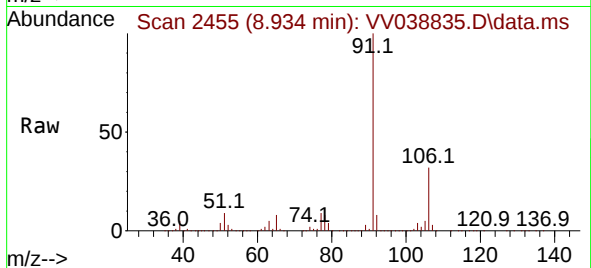
VSTDICCC050

Tgt Ion: 91 Resp: 1409005

Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



#68

m/p-Xylenes

Concen: 108.764 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038835.D

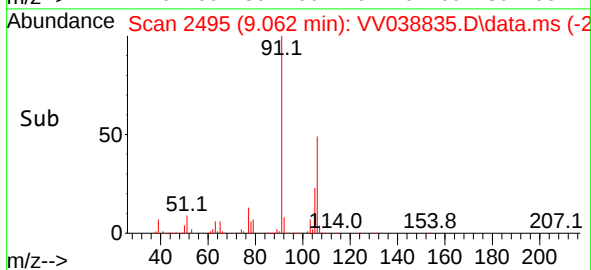
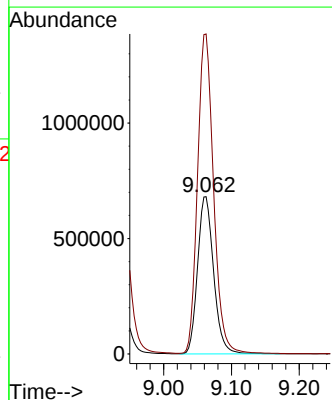
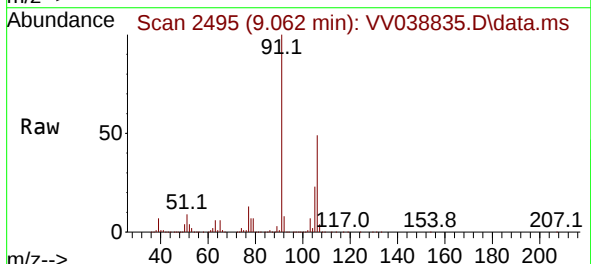
Acq: 02 Jul 2025 11:14

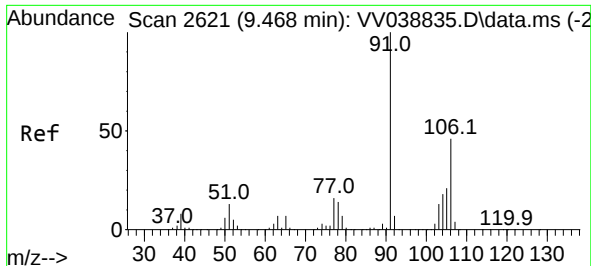
Tgt Ion:106 Resp: 1118273

Ion Ratio Lower Upper

106 100

91 203.6 162.9 244.3

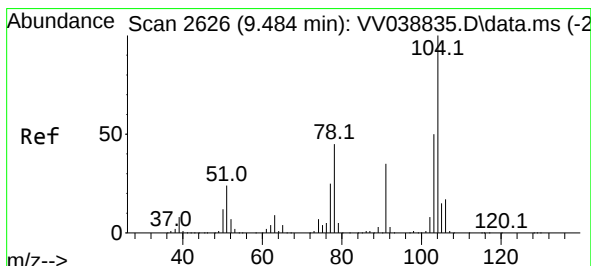
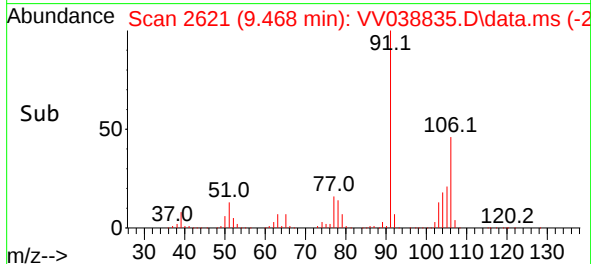
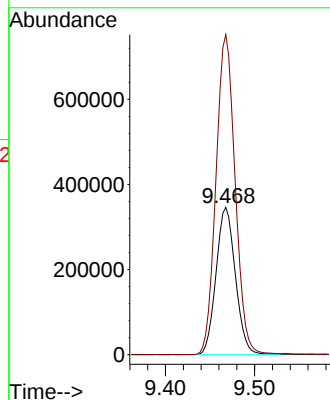
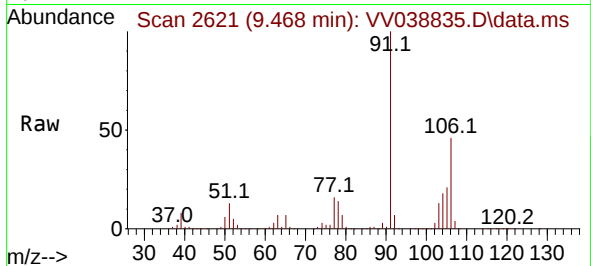




#69
o-Xylene
Concen: 53.093 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

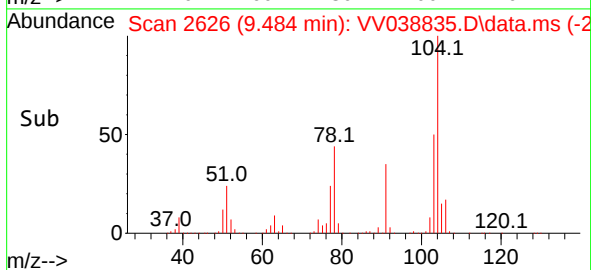
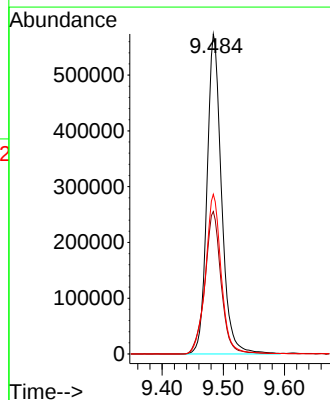
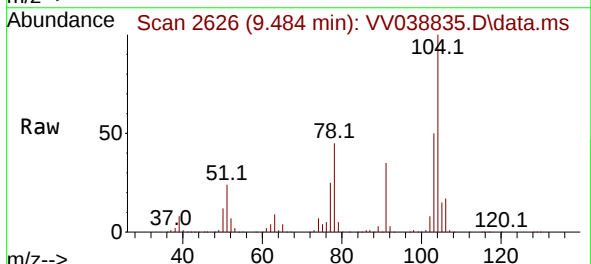
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

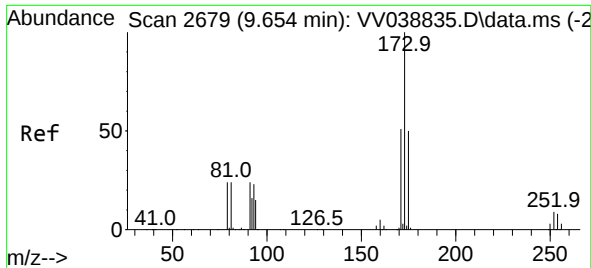
Tgt Ion:106 Resp: 521541
Ion Ratio Lower Upper
106 100
91 215.2 107.6 322.8



#70
Styrene
Concen: 55.075 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion:104 Resp: 945905
Ion Ratio Lower Upper
104 100
78 49.9 39.9 59.9
103 54.2 43.4 65.0

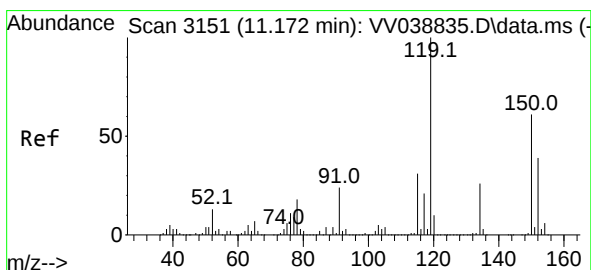
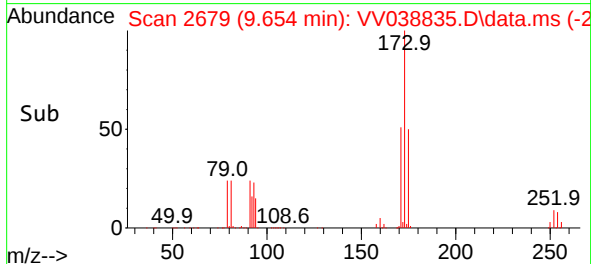
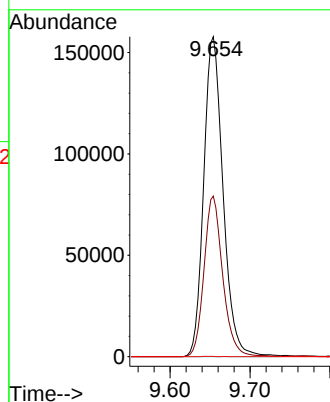
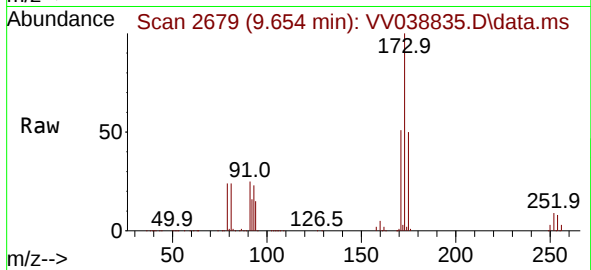




#71
Bromoform
Concen: 51.161 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

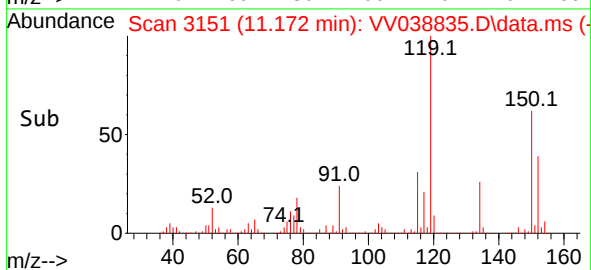
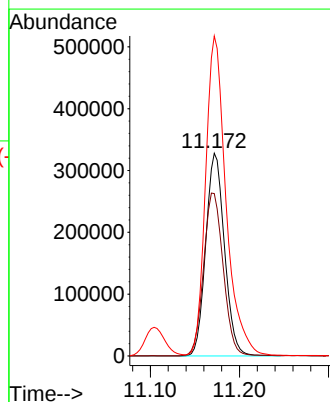
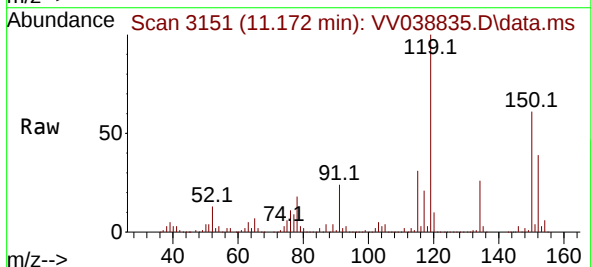
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

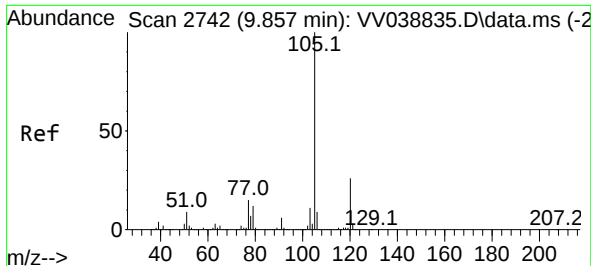
Tgt Ion:173 Resp: 265981
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.9
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion:152 Resp: 478819
Ion Ratio Lower Upper
152 100
115 84.0 42.0 126.0
150 171.8 0.0 343.6

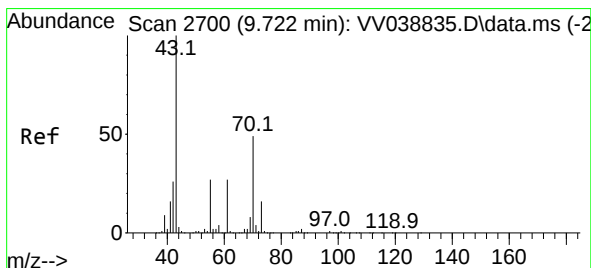
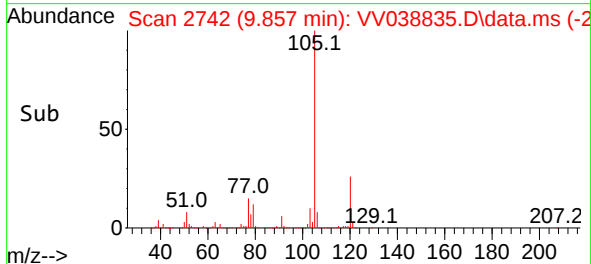
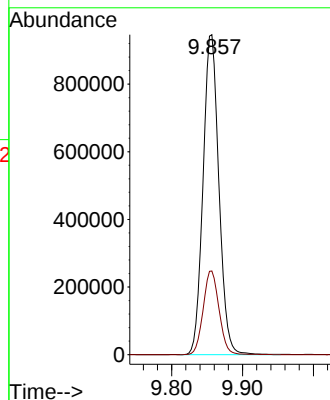
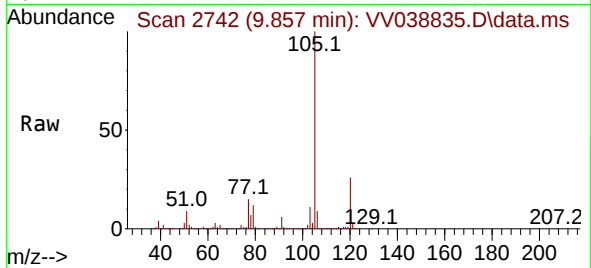




#73
Isopropylbenzene
Concen: 52.206 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

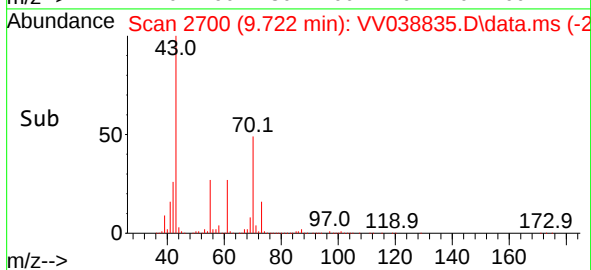
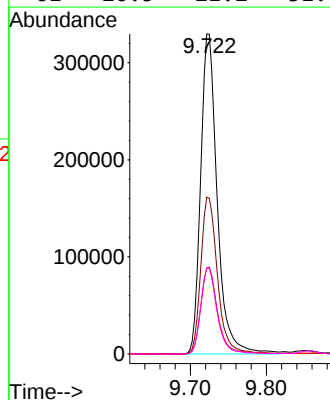
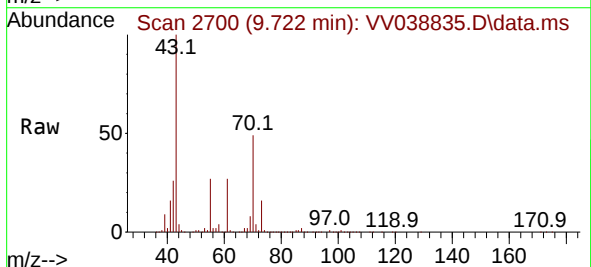
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

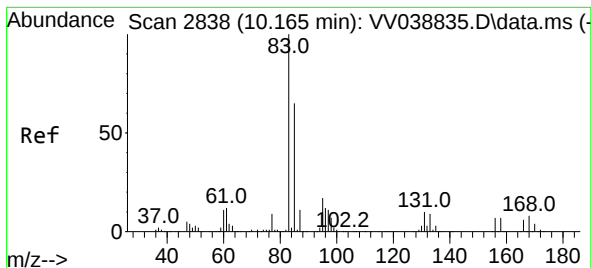
Tgt Ion:105 Resp: 1467024
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 52.057 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 43 Resp: 500342
Ion Ratio Lower Upper
43 100
70 49.6 39.7 59.5
55 27.6 22.1 33.1
61 26.5 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.626 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

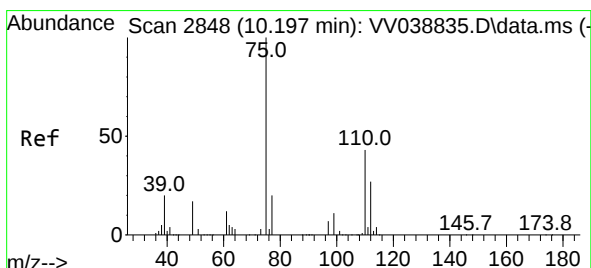
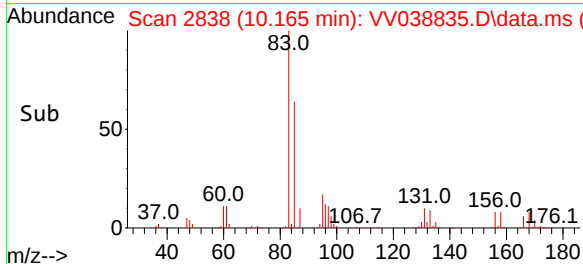
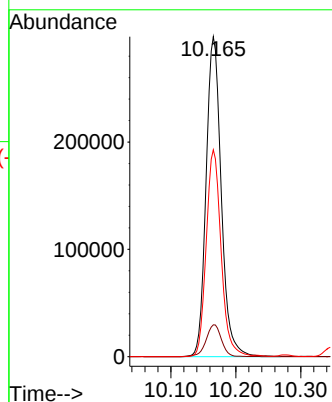
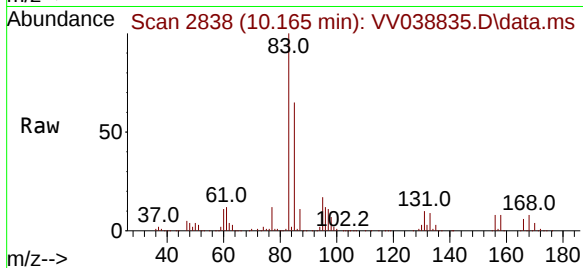
Tgt Ion: 83 Resp: 485174

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 63.3 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 49.288 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038835.D

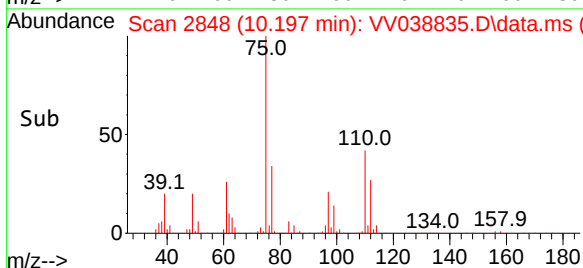
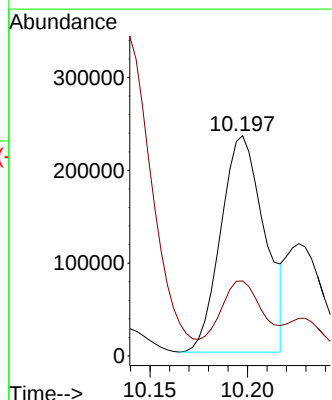
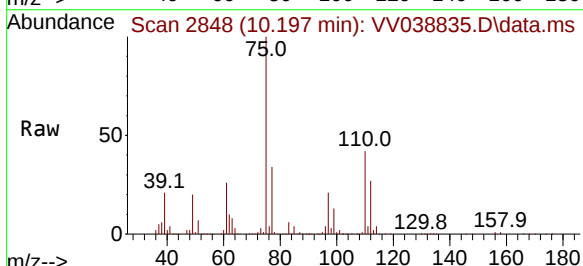
Acq: 02 Jul 2025 11:14

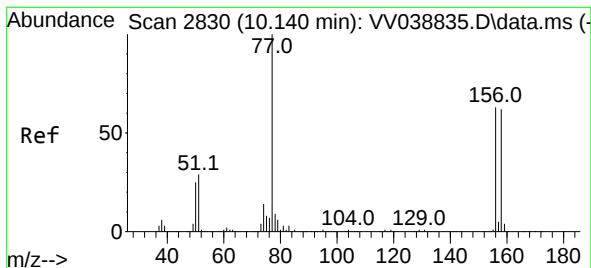
Tgt Ion: 75 Resp: 365144

Ion Ratio Lower Upper

75 100

77 23.4 11.7 35.1





#77

Bromobenzene

Concen: 49.198 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

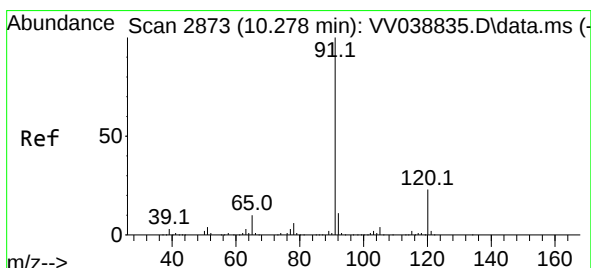
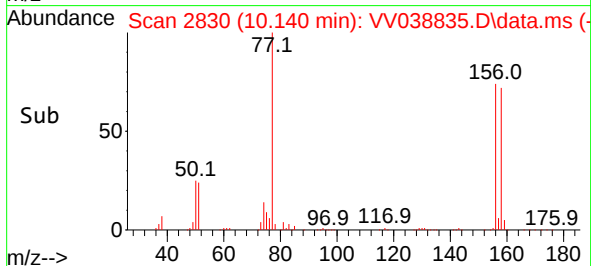
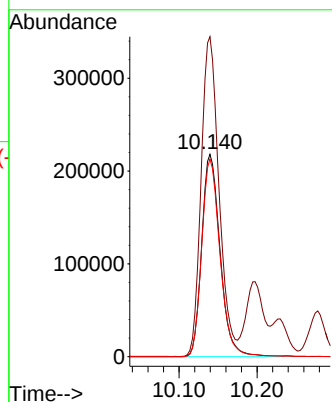
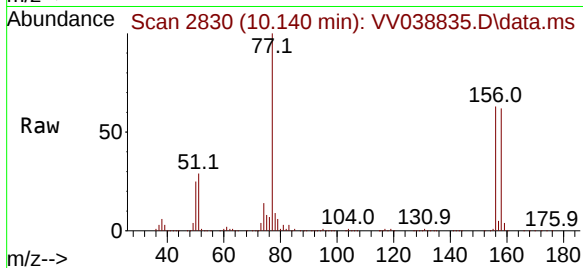
Tgt Ion:156 Resp: 356643

Ion Ratio Lower Upper

156 100

77 153.9 77.0 230.8

158 97.5 48.8 146.3



#78

n-propylbenzene

Concen: 52.225 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038835.D

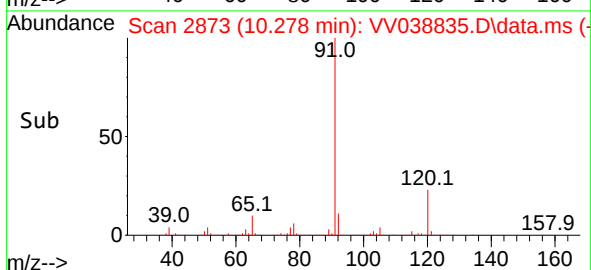
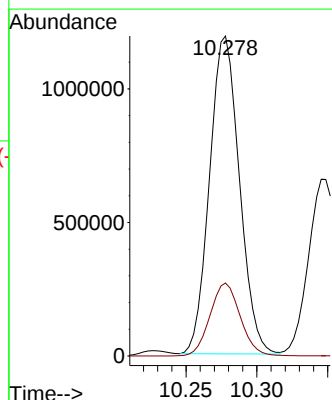
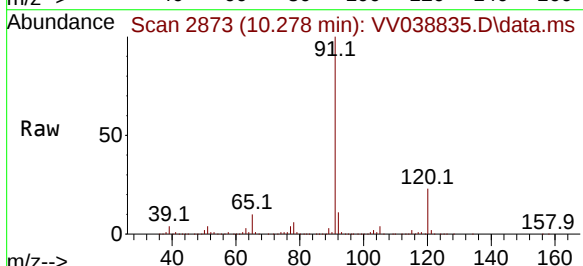
Acq: 02 Jul 2025 11:14

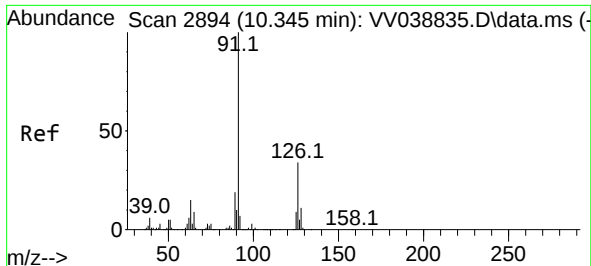
Tgt Ion: 91 Resp: 1746474

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.0

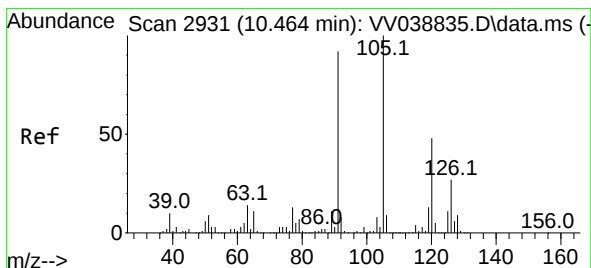
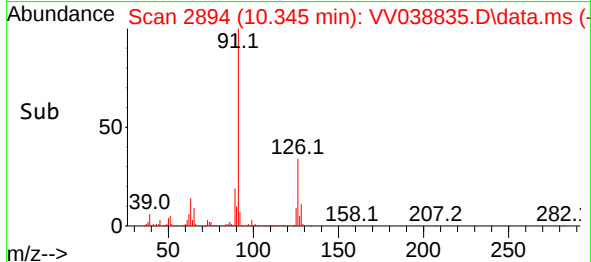
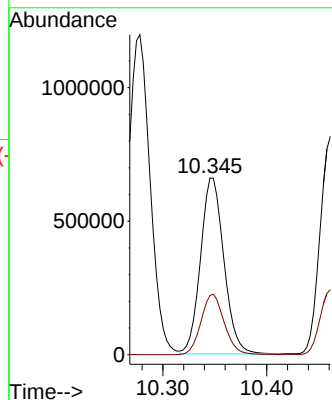
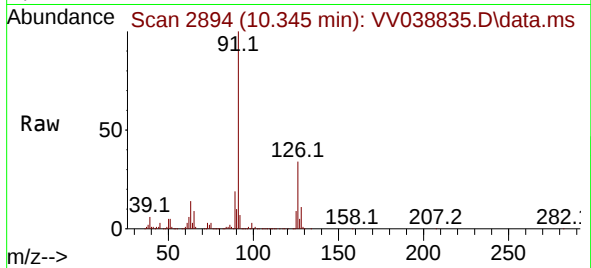




#79
2-Chlorotoluene
Concen: 50.620 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

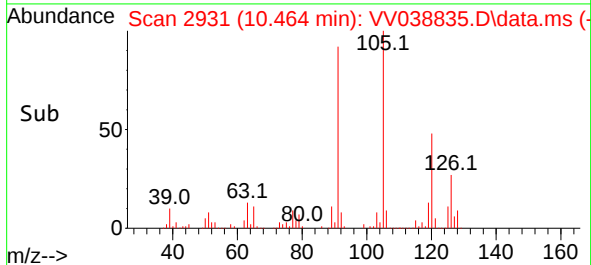
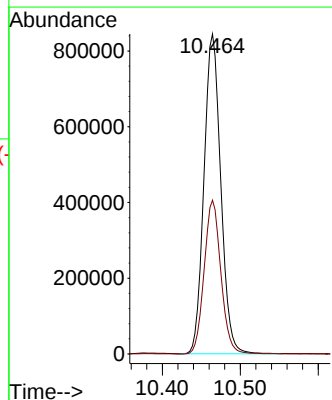
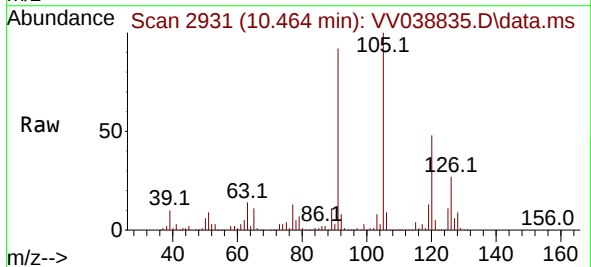
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

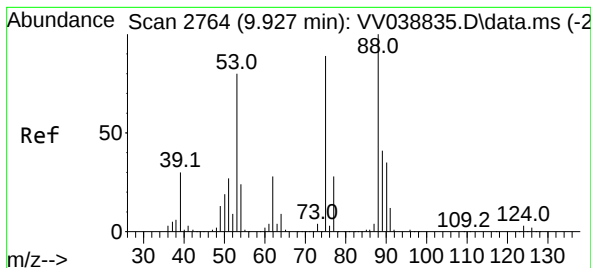
Tgt Ion: 91 Resp: 1028050
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 52.712 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038835.D
Acq: 02 Jul 2025 11:14

Tgt Ion: 105 Resp: 1266512
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 48.703 ug/l

RT: 9.927 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

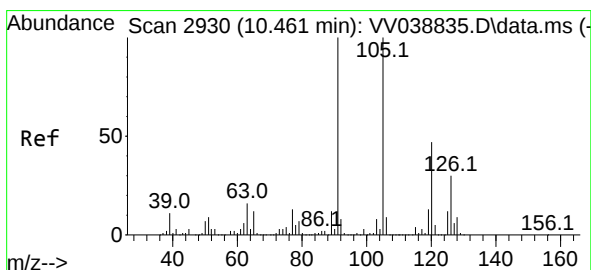
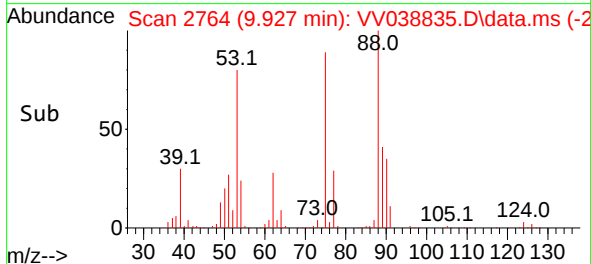
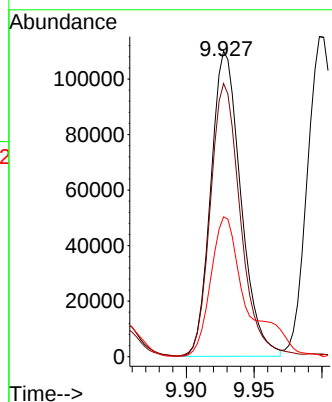
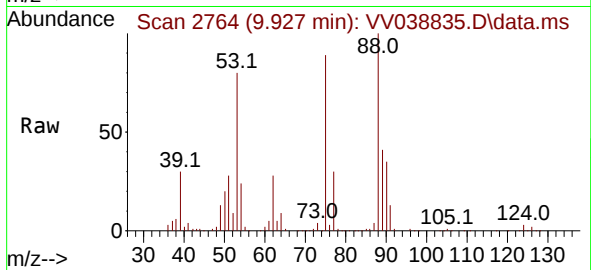
Tgt Ion: 75 Resp: 169503

Ion Ratio Lower Upper

75 100

53 89.0 71.2 106.8

89 55.7 44.6 66.8



#82

4-Chlorotoluene

Concen: 52.466 ug/l

RT: 10.461 min Scan# 2930

Delta R.T. 0.000 min

Lab File: VV038835.D

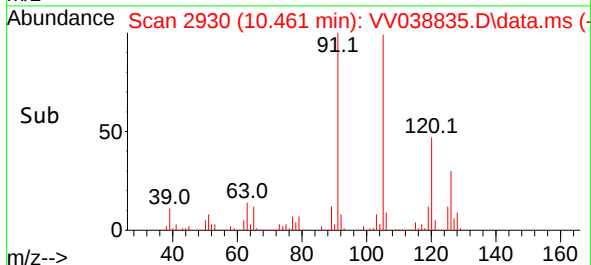
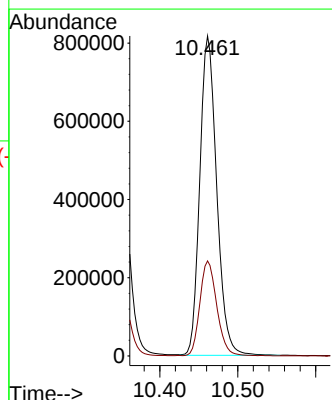
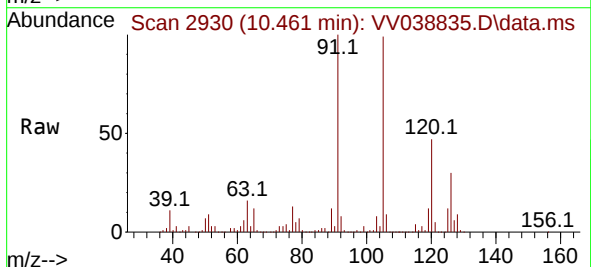
Acq: 02 Jul 2025 11:14

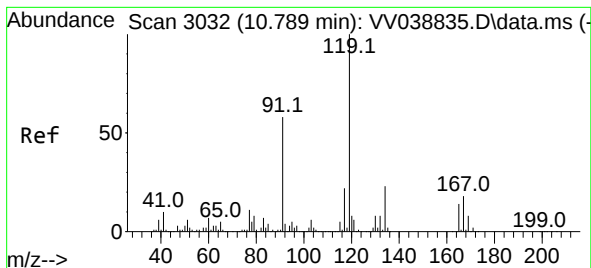
Tgt Ion: 91 Resp: 1228399

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 50.998 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

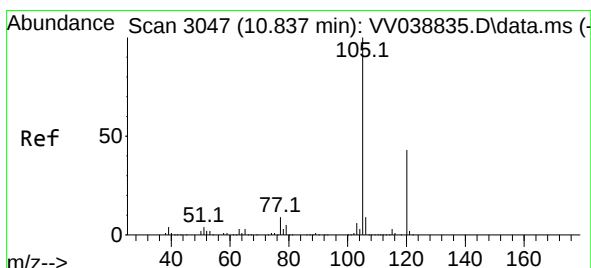
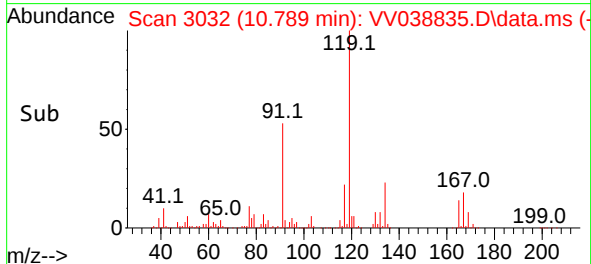
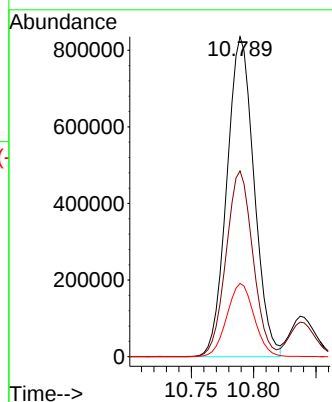
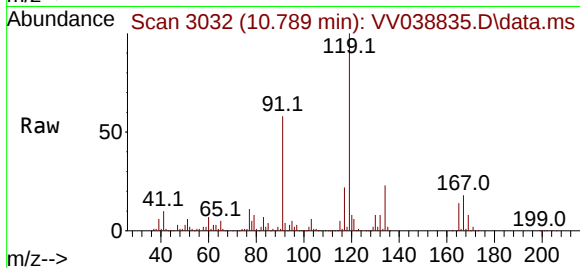
Tgt Ion:119 Resp: 1270871

Ion Ratio Lower Upper

119 100

91 57.0 28.5 85.5

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 53.541 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038835.D

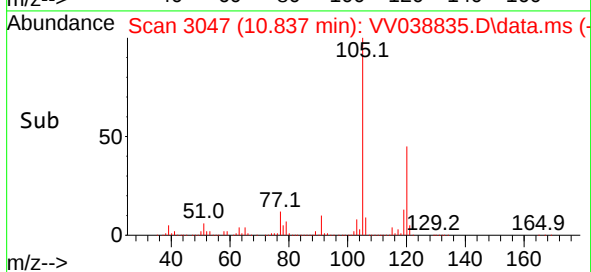
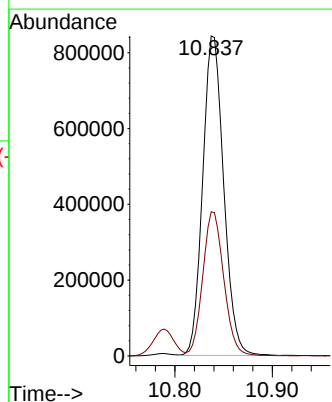
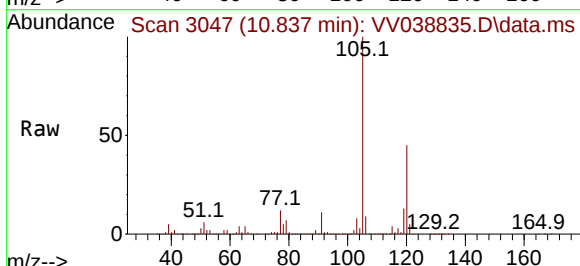
Acq: 02 Jul 2025 11:14

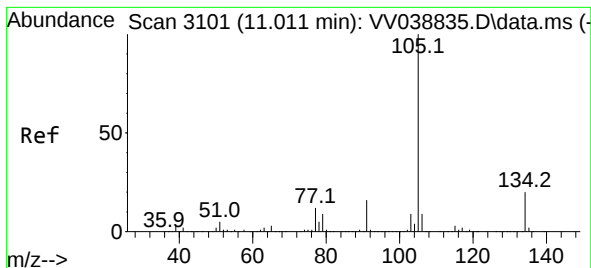
Tgt Ion:105 Resp: 1260848

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0





#85

sec-Butylbenzene

Concen: 52.255 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

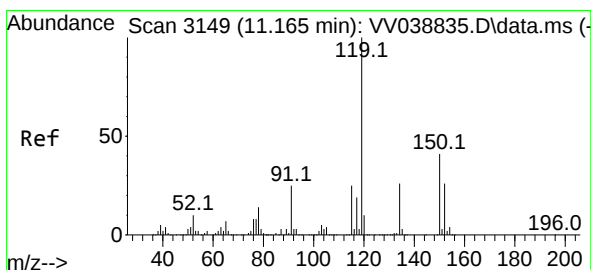
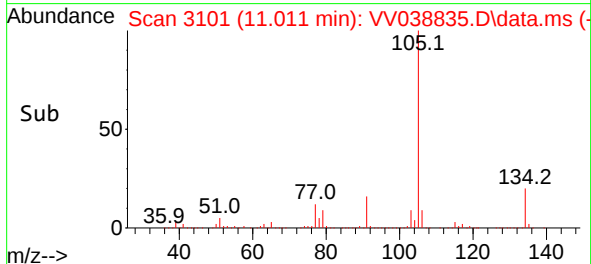
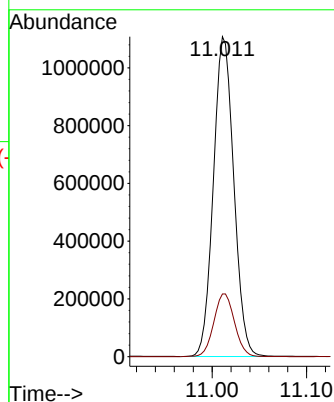
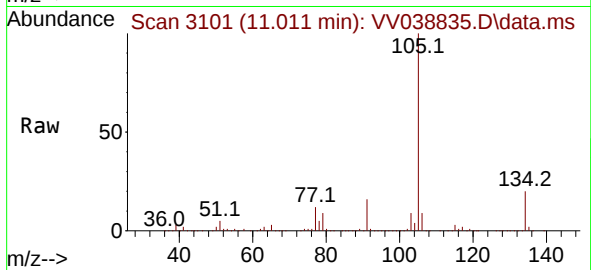
VSTDICCC050

Tgt Ion:105 Resp: 1657827

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 51.878 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

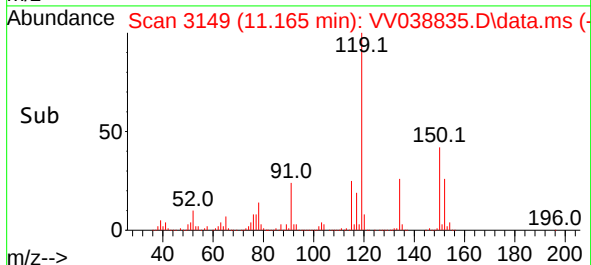
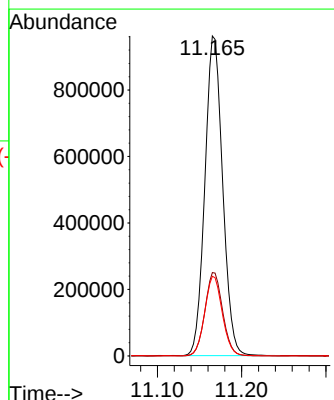
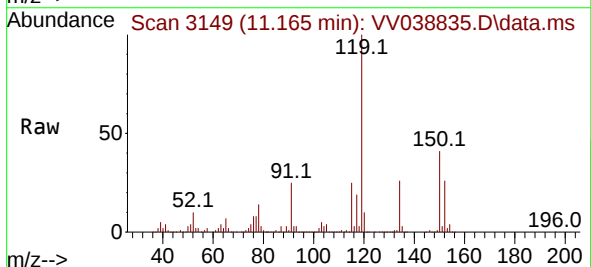
Tgt Ion:119 Resp: 1411096

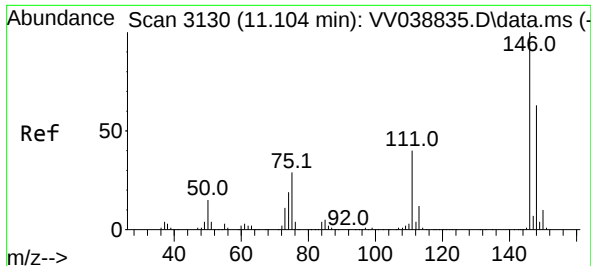
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 49.352 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

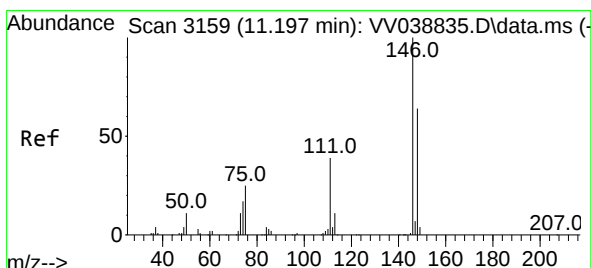
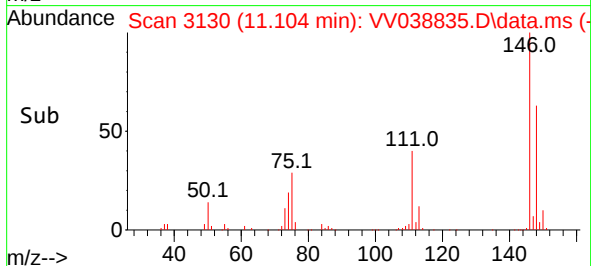
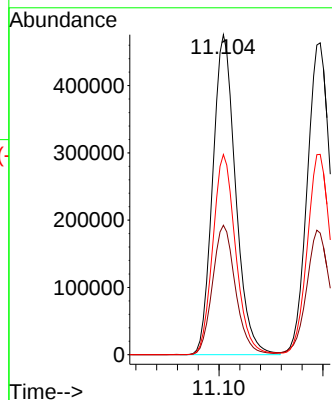
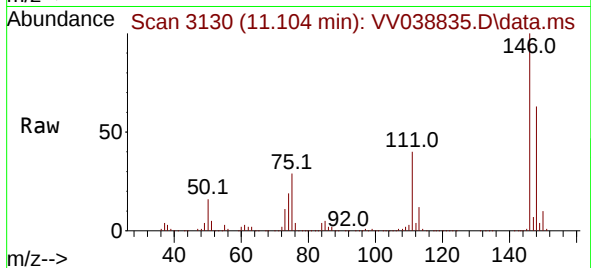
Tgt Ion:146 Resp: 727339

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

148 62.5 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 47.787 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

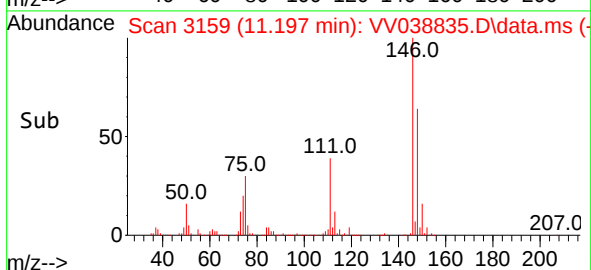
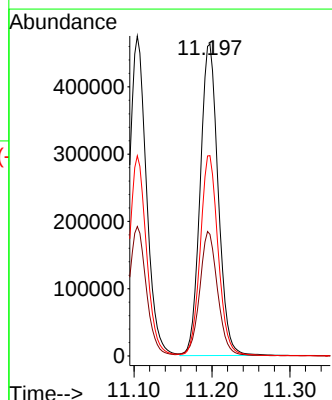
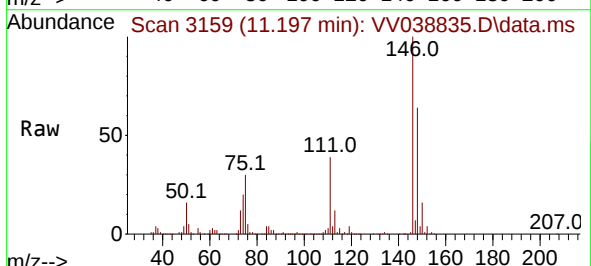
Tgt Ion:146 Resp: 742078

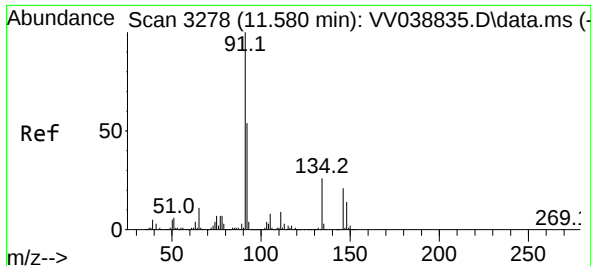
Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.3

148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 53.481 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

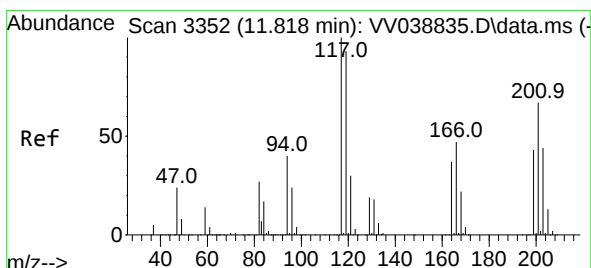
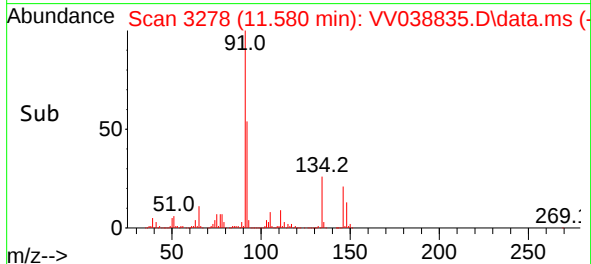
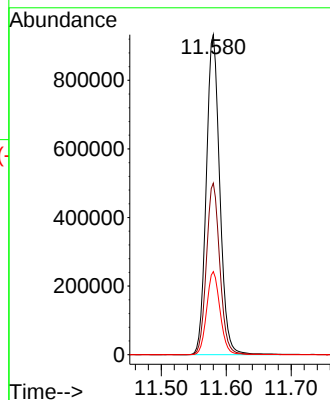
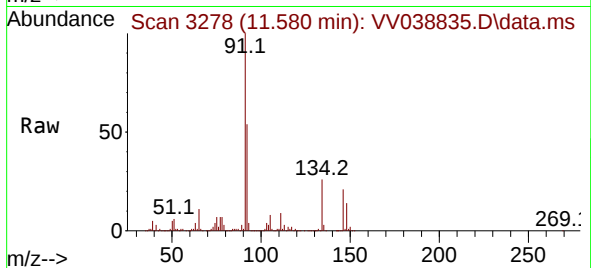
Tgt Ion: 91 Resp: 1348188

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 47.279 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV038835.D

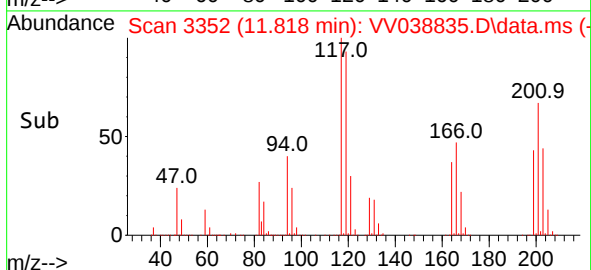
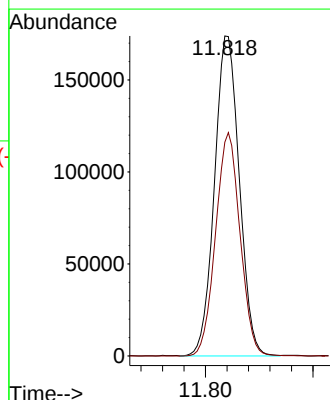
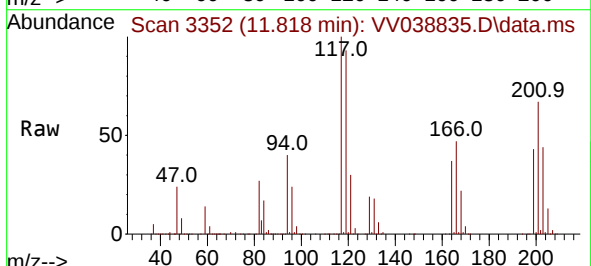
Acq: 02 Jul 2025 11:14

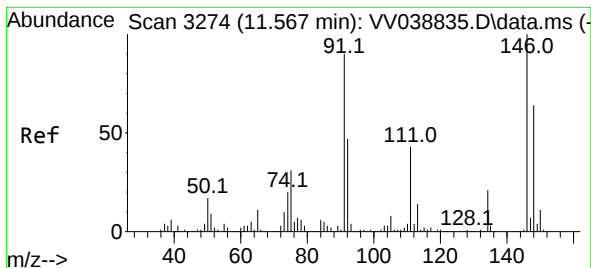
Tgt Ion: 117 Resp: 279152

Ion Ratio Lower Upper

117 100

201 68.7 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 49.263 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

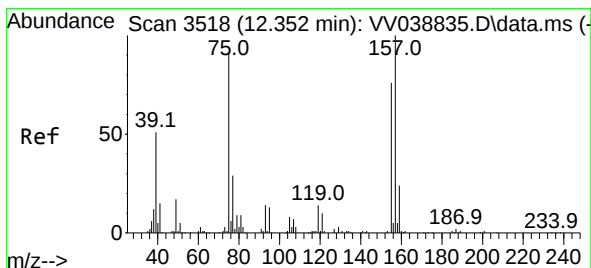
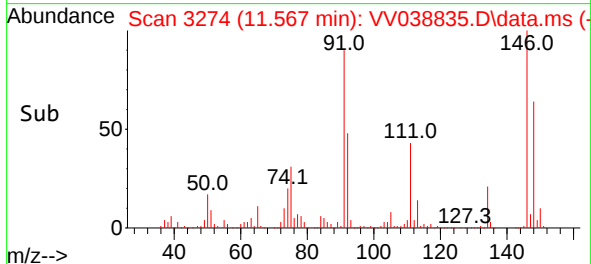
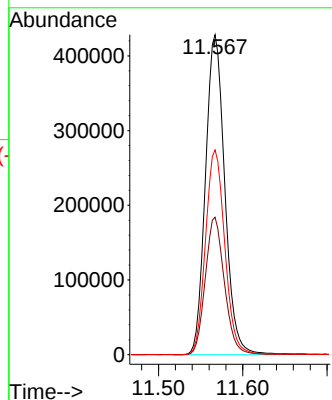
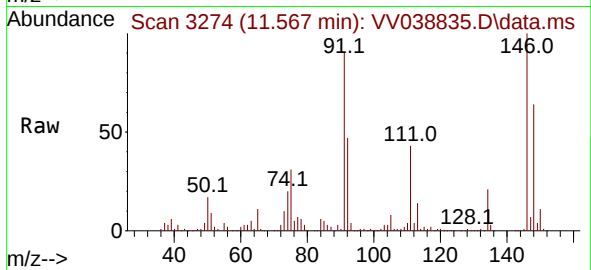
Tgt Ion:146 Resp: 684309

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.433 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

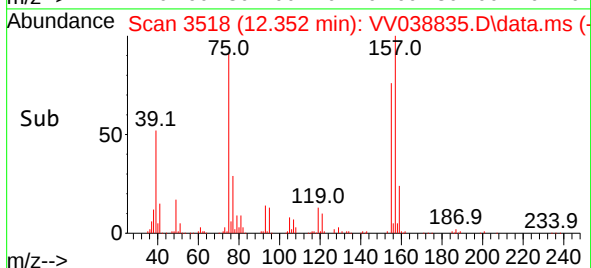
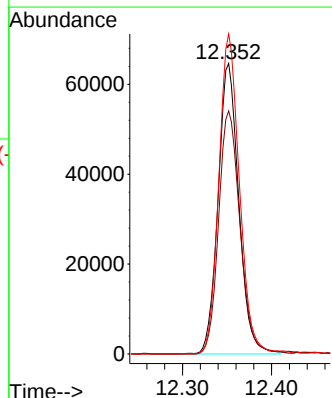
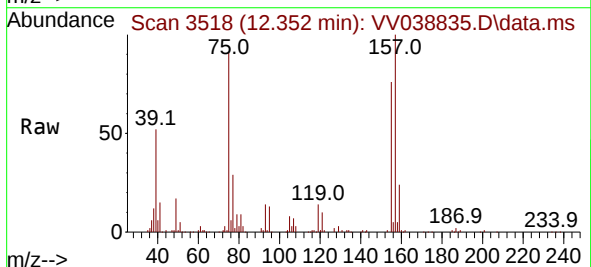
Tgt Ion: 75 Resp: 104463

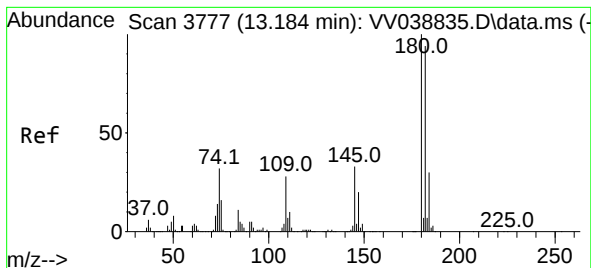
Ion Ratio Lower Upper

75 100

155 86.4 43.2 129.6

157 109.7 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 51.173 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

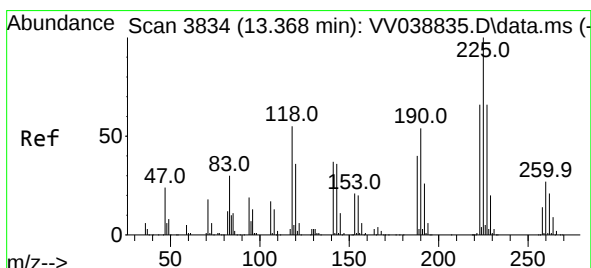
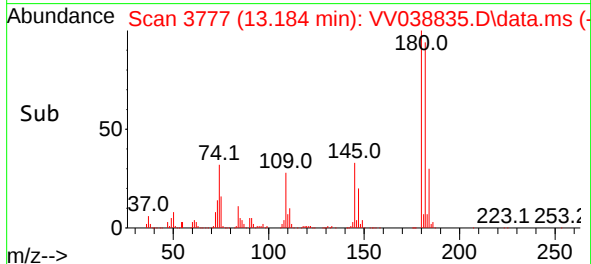
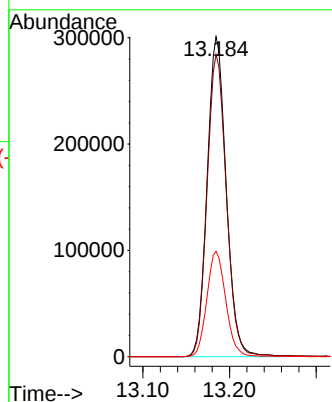
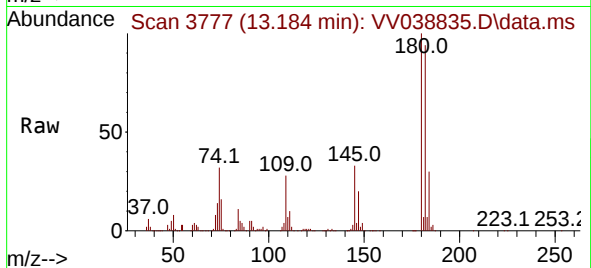
Tgt Ion:180 Resp: 460769

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 32.7 16.4 49.1



#94

Hexachlorobutadiene

Concen: 47.227 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

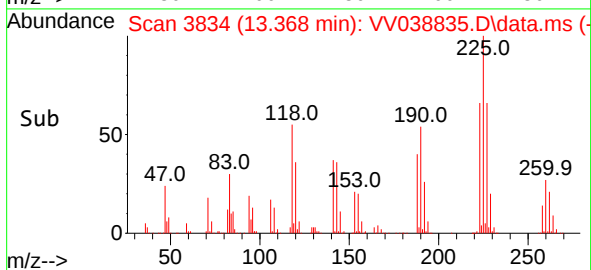
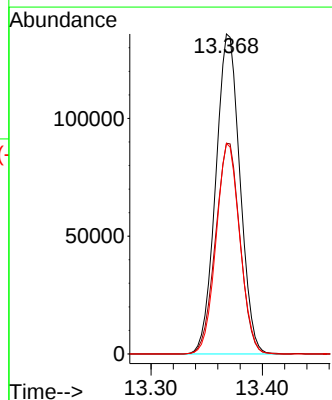
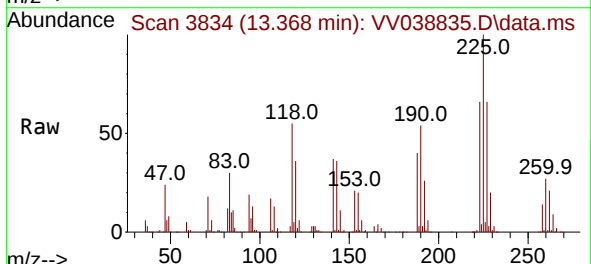
Tgt Ion:225 Resp: 205208

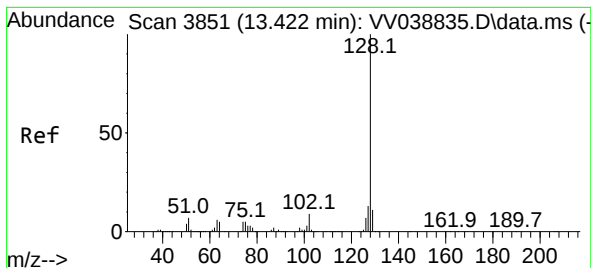
Ion Ratio Lower Upper

225 100

223 66.4 33.2 99.6

227 64.5 32.3 96.8





#95

Naphthalene

Concen: 53.463 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

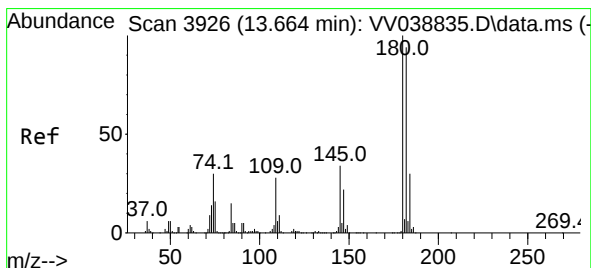
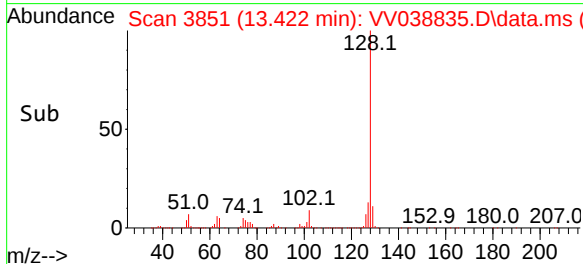
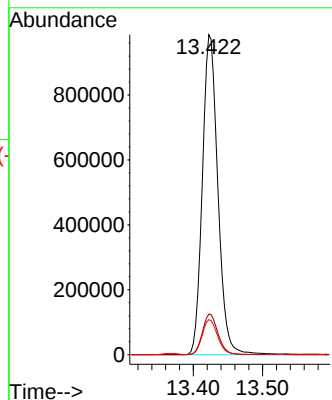
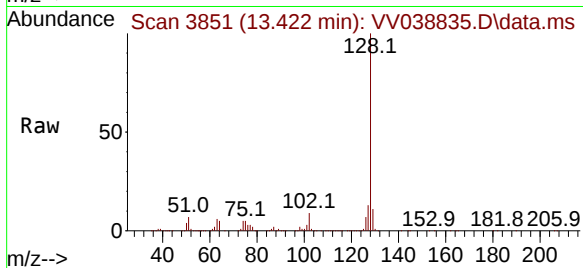
Tgt Ion:128 Resp: 1531417

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.402 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV038835.D

Acq: 02 Jul 2025 11:14

Tgt Ion:180 Resp: 477624

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 34.1 17.1 51.2

