

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038936.D
 Acq On : 11 Aug 2025 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 12 01:43:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	519702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	799523	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	768130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	467269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	342797	45.866	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	91.740%
35) Dibromofluoromethane	4.494	113	294487	48.551	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.100%
50) Toluene-d8	7.233	98	1050599	50.012	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.020%
62) 4-Bromofluorobenzene	9.998	95	387547	51.225	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	102.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	180145	51.520	ug/l	100
3) Chloromethane	1.227	50	159449	47.793	ug/l	99
4) Vinyl Chloride	1.294	62	202165	49.315	ug/l	98
5) Bromomethane	1.487	94	151516	47.149	ug/l	98
6) Chloroethane	1.552	64	146981	49.847	ug/l	97
7) Trichlorofluoromethane	1.722	101	406534	50.076	ug/l	97
8) Diethyl Ether	1.915	74	146161	48.281	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.076	101	257278	49.609	ug/l	98
10) Methyl Iodide	2.191	142	288606	58.409	ug/l	99
11) Tert butyl alcohol	2.568	59	306189	242.230	ug/l	99
12) 1,1-Dichloroethene	2.079	96	209625	48.772	ug/l	99
13) Acrolein	2.005	56	210685	216.566	ug/l	99
14) Allyl chloride	2.352	41	371745	49.460	ug/l	98
15) Acrylonitrile	2.671	53	811692	243.229	ug/l	100
16) Acetone	2.114	43	654922	244.114	ug/l	98
17) Carbon Disulfide	2.246	76	346866	49.977	ug/l	99
18) Methyl Acetate	2.375	43	571992	59.460	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	879228	49.717	ug/l	100
20) Methylene Chloride	2.452	84	265695	43.038	ug/l	98
21) trans-1,2-Dichloroethene	2.696	96	225377	48.244	ug/l	99
22) Diisopropyl ether	3.211	45	810808	53.345	ug/l	94
23) Vinyl Acetate	3.185	43	2900799	256.915	ug/l	100
24) 1,1-Dichloroethane	3.111	63	480807	49.325	ug/l	97
25) 2-Butanone	3.860	43	938103	275.589	ug/l	97
26) 2,2-Dichloropropane	3.806	77	426204	49.344	ug/l	98
27) cis-1,2-Dichloroethene	3.815	96	278066	49.640	ug/l	99
28) Bromochloromethane	4.140	49	150398	45.931	ug/l	98
29) Tetrahydrofuran	4.233	42	605337	271.614	ug/l	100
30) Chloroform	4.272	83	535624	50.500	ug/l	98
31) Cyclohexane	4.580	56	283739	47.256	ug/l	98
32) 1,1,1-Trichloroethane	4.510	97	460682	50.500	ug/l	99
36) 1,1-Dichloropropene	4.738	75	280856	52.079	ug/l	98
37) Ethyl Acetate	3.970	43	341369	47.779	ug/l	98
38) Carbon Tetrachloride	4.732	117	382011	53.629	ug/l	96
39) Methylcyclohexane	6.043	83	313857	53.621	ug/l	96
40) Benzene	5.005	78	971447	54.477	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	168853	58.438	ug/l	97
42) 1,2-Dichloroethane	5.034	62	366147	52.957	ug/l	100
43) Isopropyl Acetate	5.188	43	549963	55.404	ug/l	98
44) Trichloroethene	5.828	130	248454	52.282	ug/l	93
45) 1,2-Dichloropropane	6.085	63	266856	53.698	ug/l	99
46) Dibromomethane	6.220	93	202218	54.969	ug/l	98
47) Bromodichloromethane	6.423	83	434636	53.179	ug/l	95
48) Methyl methacrylate	6.294	41	256288	58.308	ug/l	98
49) 1,4-Dioxane	6.285	88	102642	1120.401	ug/l	96
51) 4-Methyl-2-Pentanone	7.146	43	2036905	296.239	ug/l	99
52) Toluene	7.307	92	650961	57.940	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	400369	55.995	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	426225	54.602	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	301787	54.891	ug/l	99
56) Ethyl methacrylate	7.715	69	408034	63.355	ug/l	99
57) 1,3-Dichloropropane	7.931	76	471291	56.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	888765	275.497	ug/l	100
59) 2-Hexanone	8.063	43	1519535	306.164	ug/l	100
60) Dibromochloromethane	8.165	129	365247	54.253	ug/l	99
61) 1,2-Dibromoethane	8.272	107	306988	56.247	ug/l	99
64) Tetrachloroethene	7.895	164	232454	51.563	ug/l	96
65) Chlorobenzene	8.802	112	779309	51.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	302528	51.223	ug/l	99
67) Ethyl Benzene	8.934	91	1261954	57.219	ug/l	99
68) m/p-Xylenes	9.059	106	1027419	120.875	ug/l	100
69) o-Xylene	9.468	106	474240	59.334	ug/l	97
70) Styrene	9.484	104	897175	62.346	ug/l	99
71) Bromoform	9.654	173	265164	53.427	ug/l #	99
73) Isopropylbenzene	9.857	105	1355515	55.578	ug/l	99
74) N-amyl acetate	9.725	43	484495	56.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	507716	48.688	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	381313	49.945	ug/l	99
77) Bromobenzene	10.140	156	337593	51.562	ug/l	98
78) n-propylbenzene	10.278	91	1663619	57.821	ug/l	98
79) 2-Chlorotoluene	10.345	91	975651	55.247	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1200374	58.333	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	164164	53.835	ug/l	98
82) 4-Chlorotoluene	10.461	91	1167294	56.517	ug/l	99
83) tert-Butylbenzene	10.789	119	1191238	54.342	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1199650	58.741	ug/l	100
85) sec-Butylbenzene	11.011	105	1565350	56.513	ug/l	100
86) p-Isopropyltoluene	11.165	119	1333439	55.262	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	698843	51.063	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	729595	48.997	ug/l	99
89) n-Butylbenzene	11.580	91	1276640	57.231	ug/l	99
90) Hexachloroethane	11.821	117	283335	49.778	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	666021	51.484	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	112560	49.612	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	430162	52.719	ug/l	100
94) Hexachlorobutadiene	13.368	225	203963	47.307	ug/l	99
95) Naphthalene	13.423	128	1462327	57.114	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	443143	53.071	ug/l	99

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ClientSampleId :
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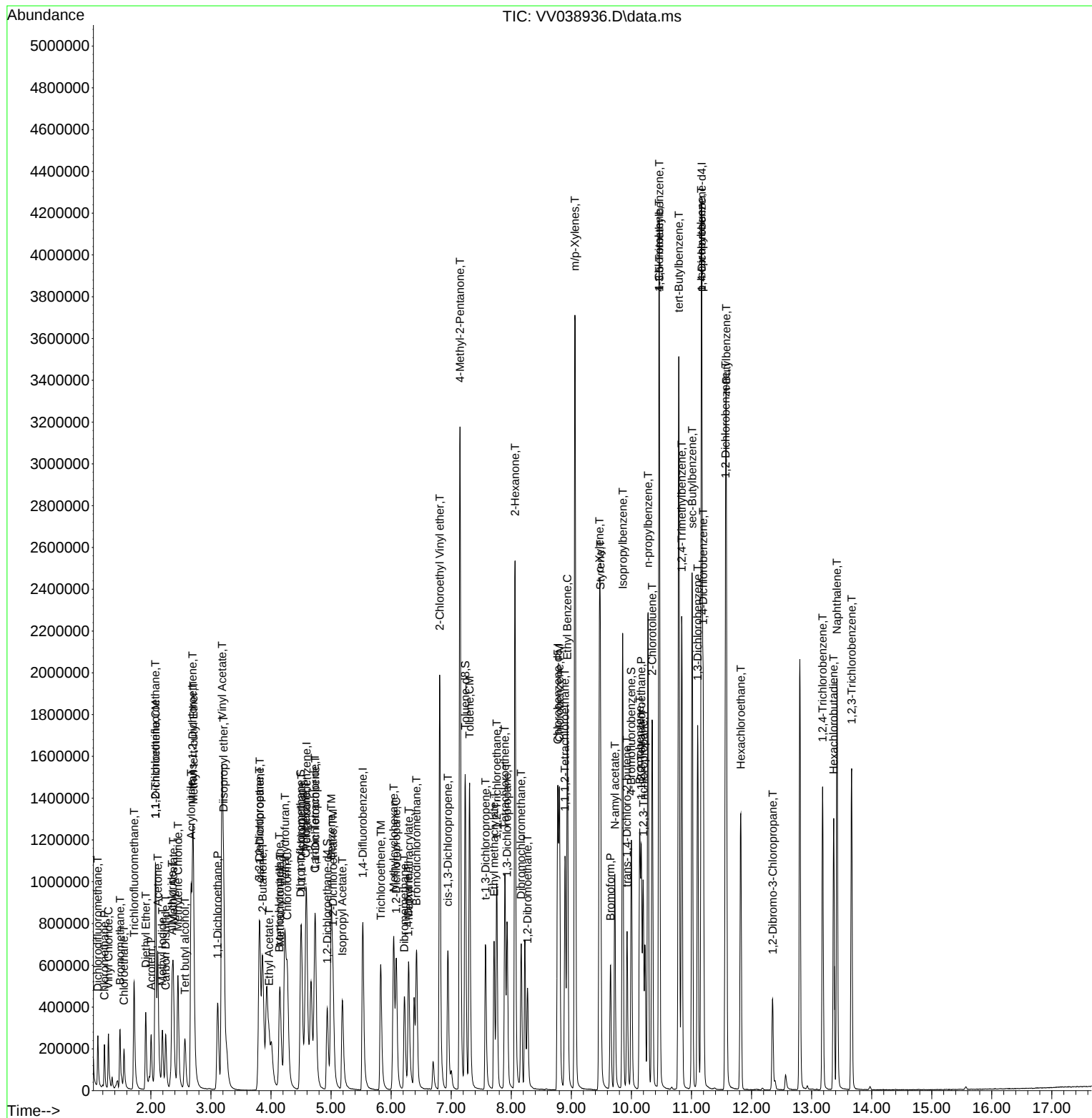
Quant Time: Aug 12 01:43:20 2025
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Quant Title : SW846 8260
QLast Update : Tue Aug 12 01:42:16 2025
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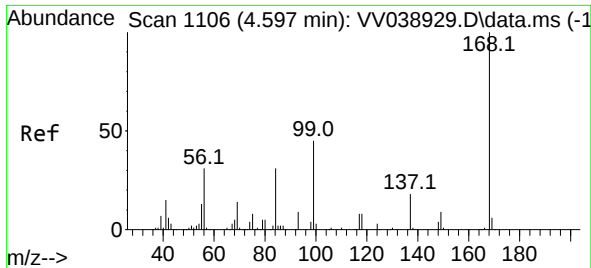
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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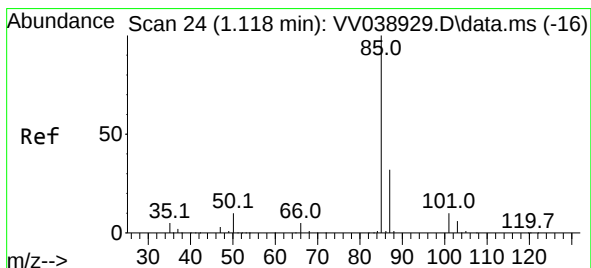
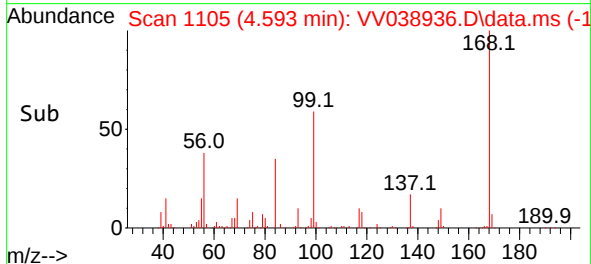
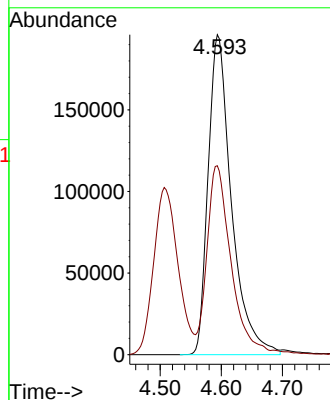
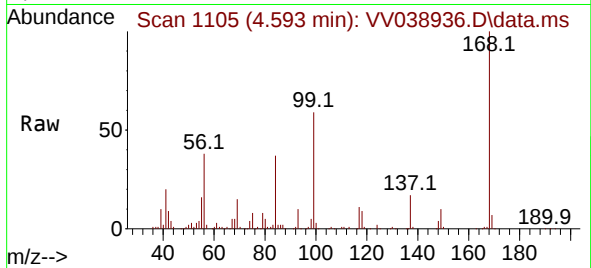




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.593 min Scan# 11
Delta R.T. -0.004 min
Lab File: VV038936.D
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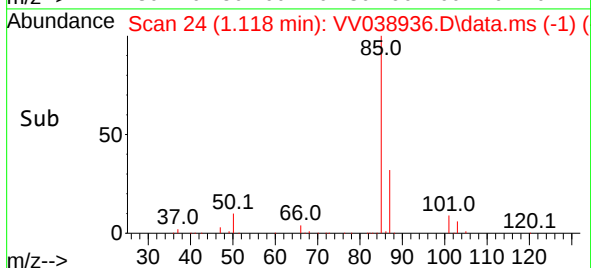
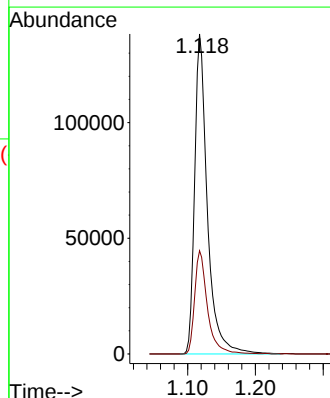
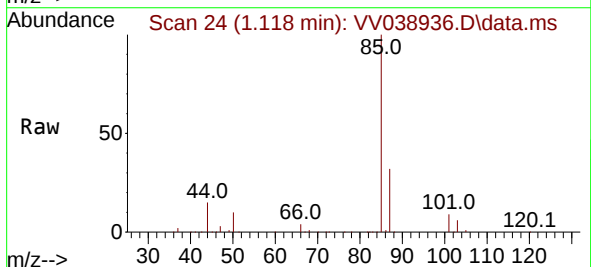
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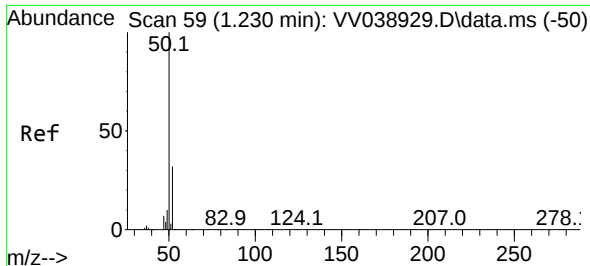
Tgt Ion:168 Resp: 519702
Ion Ratio Lower Upper
168 100
99 58.0 47.3 70.9



#2
Dichlorodifluoromethane
Concen: 51.520 ug/l
RT: 1.118 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 85 Resp: 180145
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6

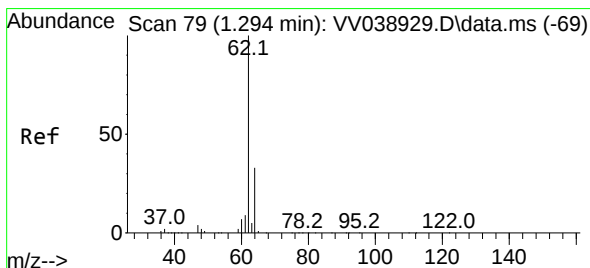
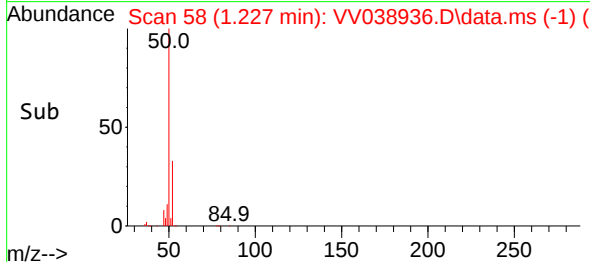
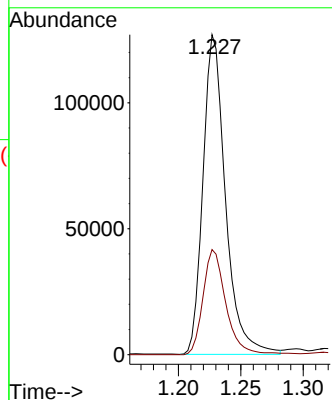
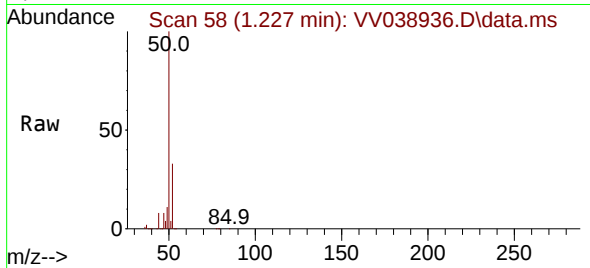




#3
Chloromethane
Concen: 47.793 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

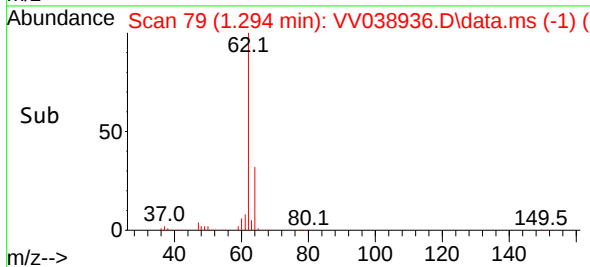
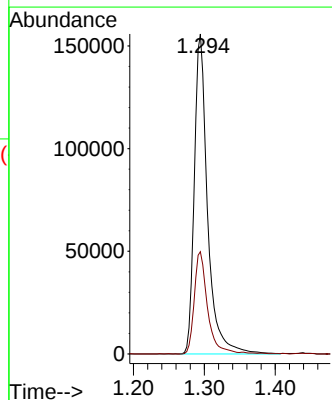
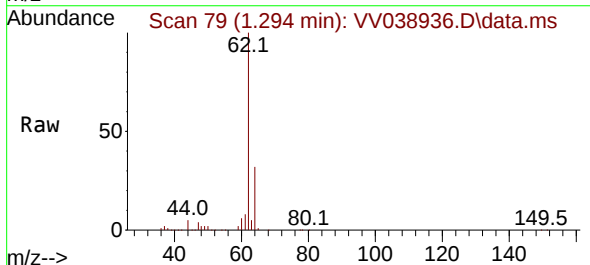
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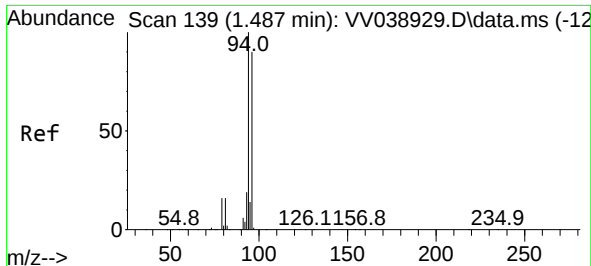
Tgt Ion: 50 Resp: 159449
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 49.315 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 62 Resp: 202165
Ion Ratio Lower Upper
62 100
64 32.0 26.6 40.0

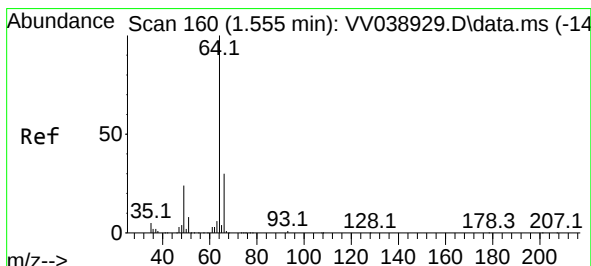
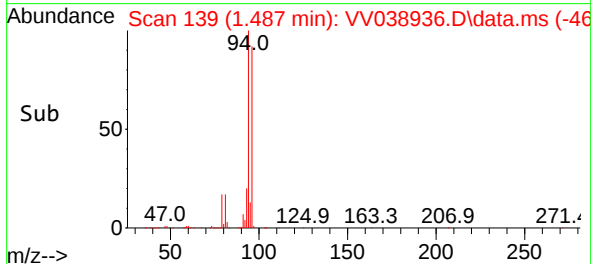
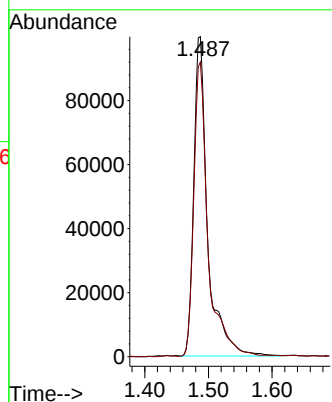
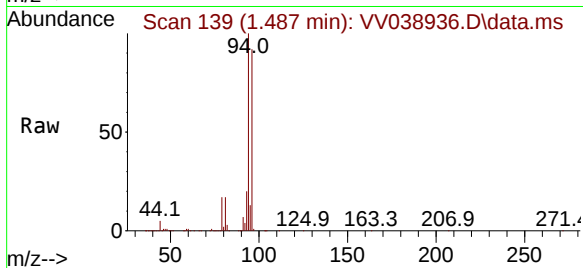




#5
Bromomethane
Concen: 47.149 ug/l
RT: 1.487 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

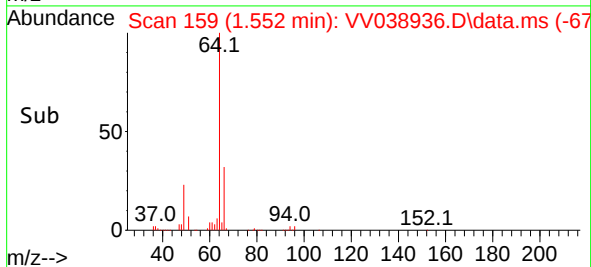
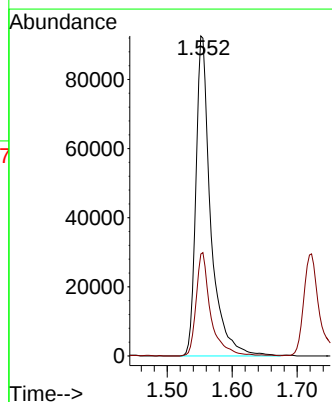
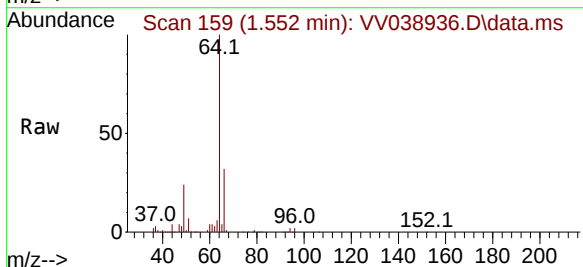
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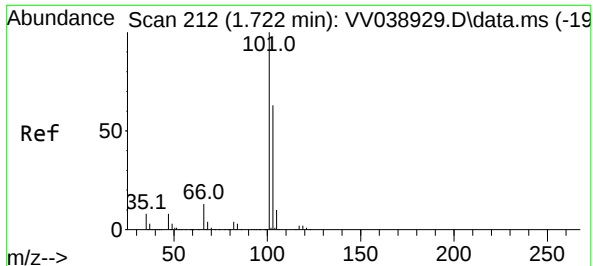
Tgt Ion: 94 Resp: 151516
Ion Ratio Lower Upper
94 100
96 92.1 71.8 107.8



#6
Chloroethane
Concen: 49.847 ug/l
RT: 1.552 min Scan# 159
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 64 Resp: 146981
Ion Ratio Lower Upper
64 100
66 31.9 24.3 36.5

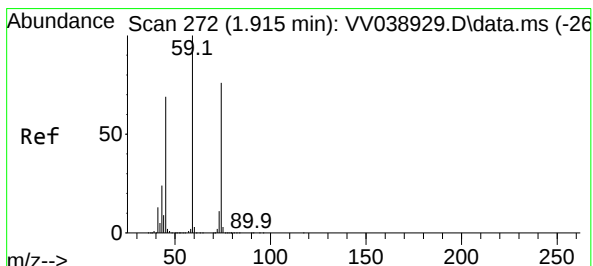
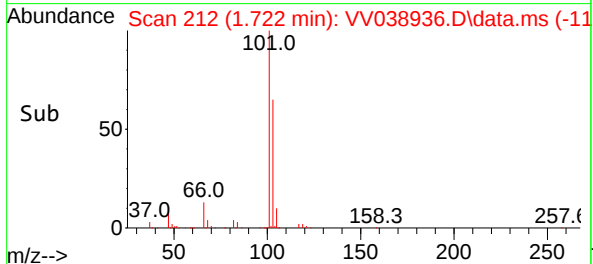
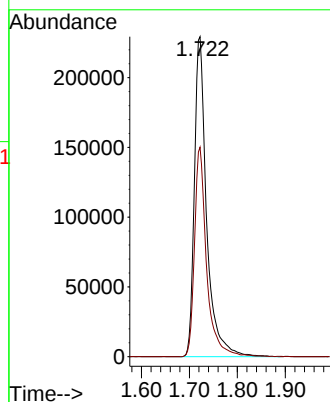
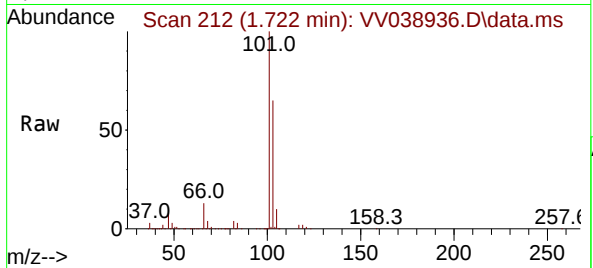




#7
 Trichlorofluoromethane
 Concen: 50.076 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038936.D
 Acq: 11 Aug 2025 09:00

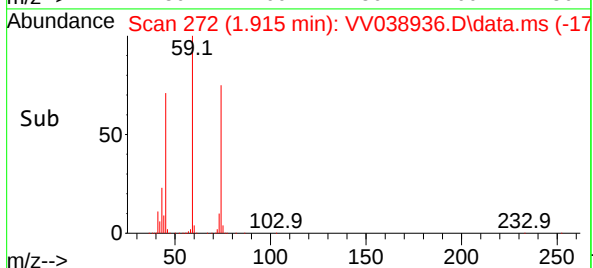
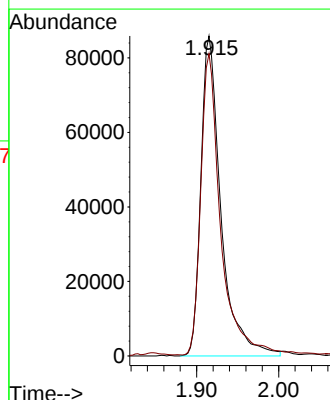
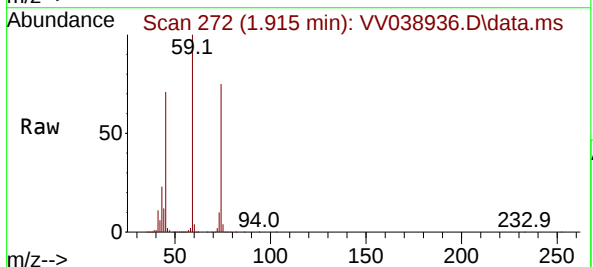
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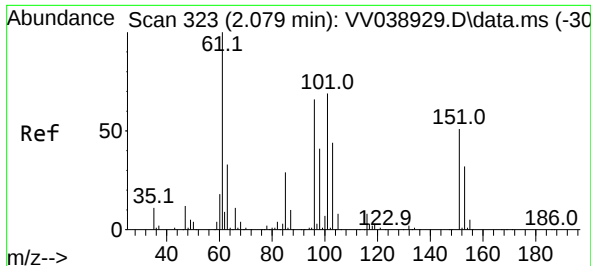
Tgt Ion:101 Resp: 406534
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.8 76.2



#8
 Diethyl Ether
 Concen: 48.281 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.000 min
 Lab File: VV038936.D
 Acq: 11 Aug 2025 09:00

Tgt Ion: 74 Resp: 146161
 Ion Ratio Lower Upper
 74 100
 45 92.7 44.8 134.4

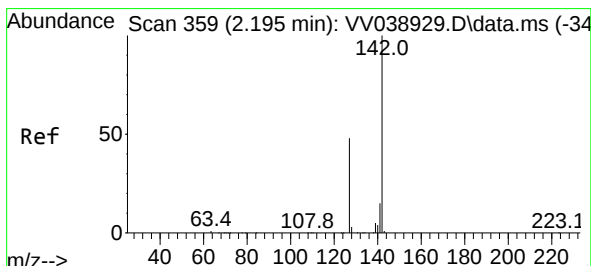
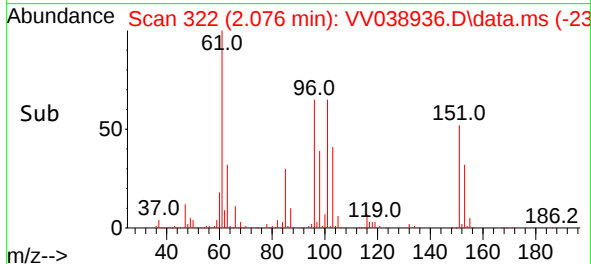
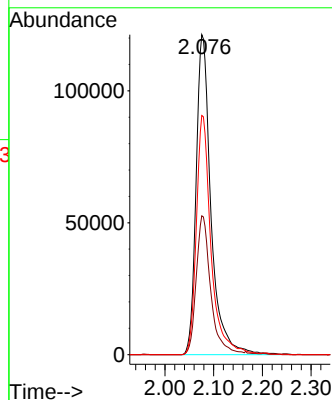
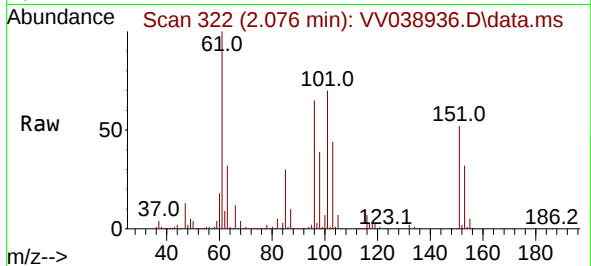




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.609 ug/l
RT: 2.076 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

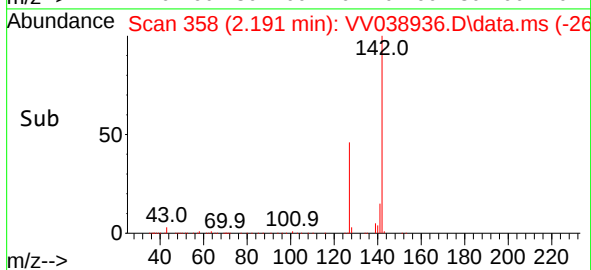
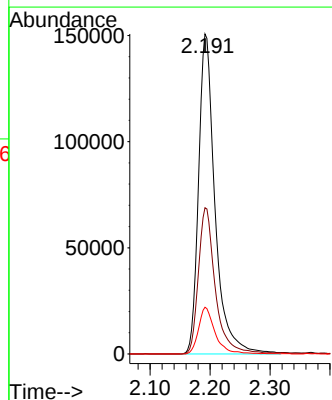
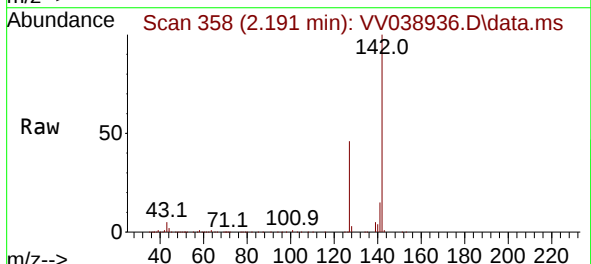
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

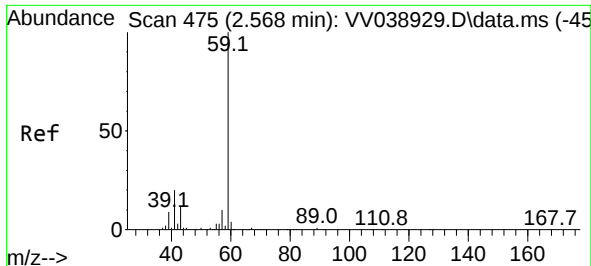
Tgt Ion:101 Resp: 257278
Ion Ratio Lower Upper
101 100
85 42.4 35.1 52.7
151 73.8 60.6 91.0



#10
Methyl Iodide
Concen: 58.409 ug/l
RT: 2.191 min Scan# 358
Delta R.T. -0.004 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion:142 Resp: 288606
Ion Ratio Lower Upper
142 100
127 46.8 38.2 57.2
141 14.6 11.6 17.4

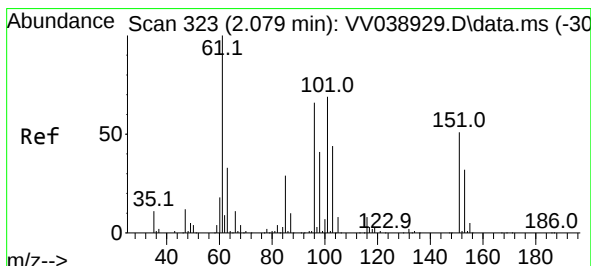
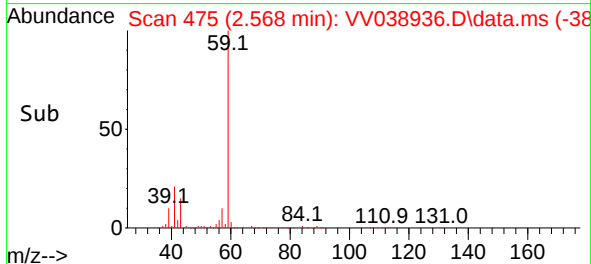
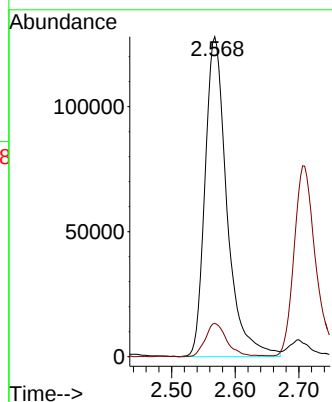
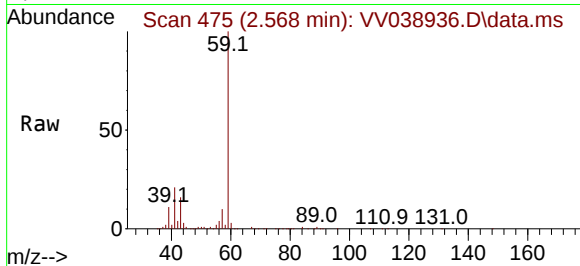




#11
Tert butyl alcohol
Concen: 242.230 ug/l
RT: 2.568 min Scan# 475
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

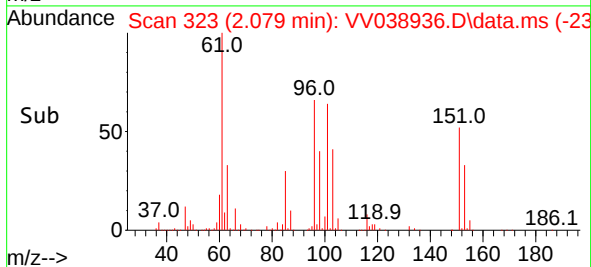
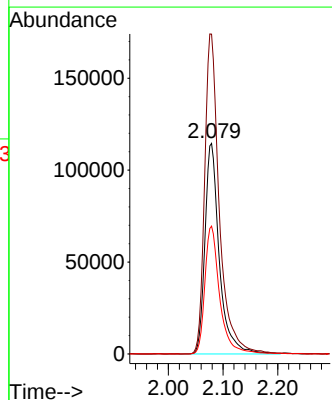
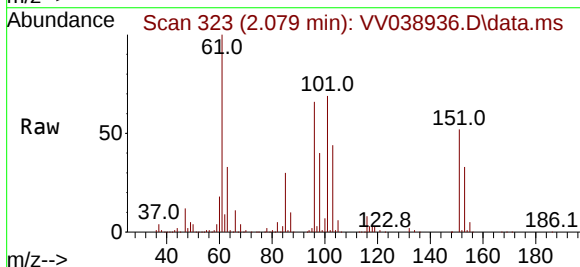
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

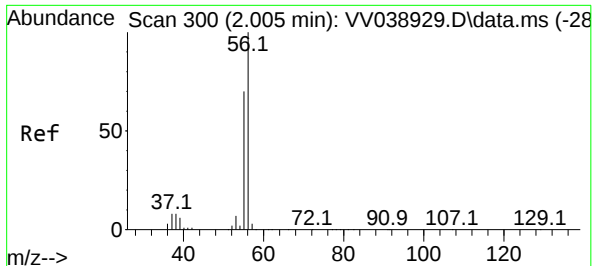
Tgt Ion: 59 Resp: 306189
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.772 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 96 Resp: 209625
Ion Ratio Lower Upper
96 100
61 151.9 121.0 181.4
98 60.7 49.4 74.2

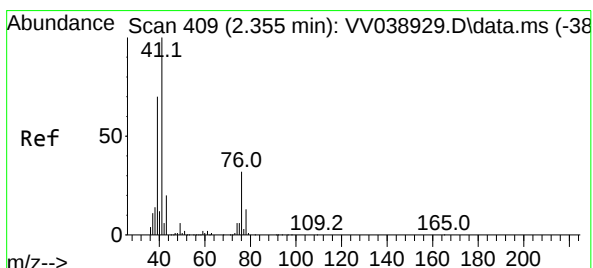
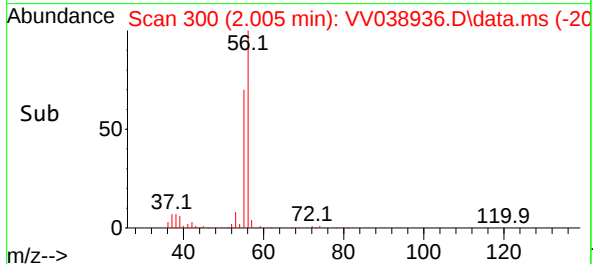
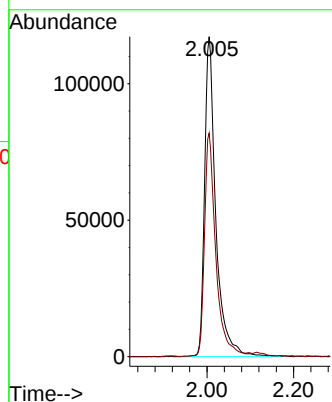
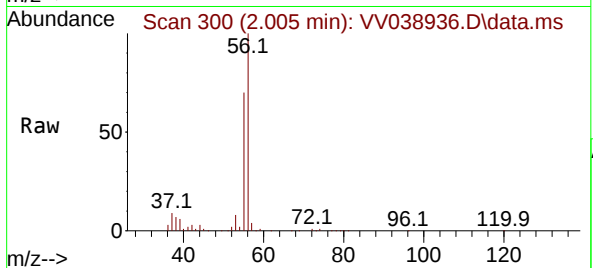




#13
Acrolein
Concen: 216.566 ug/l
RT: 2.005 min Scan# 300
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

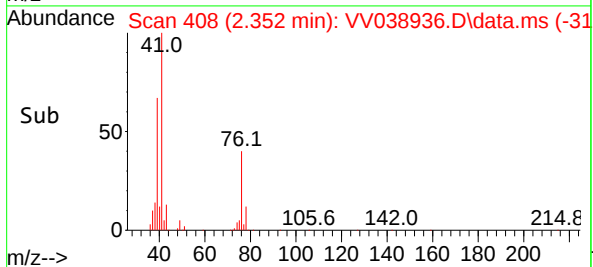
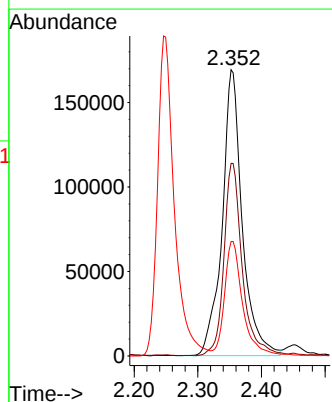
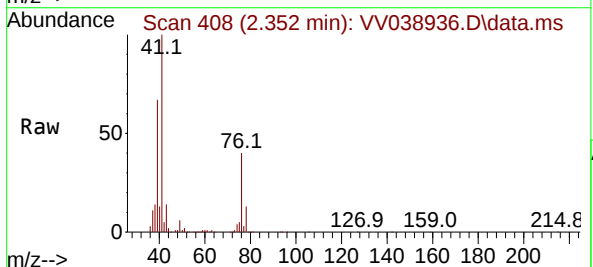
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

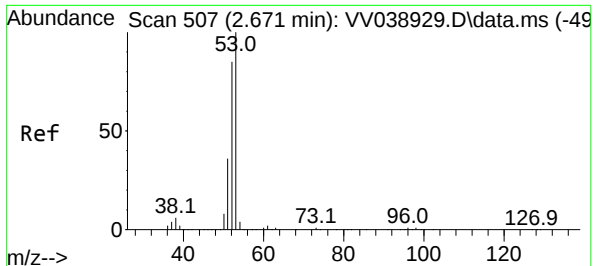
Tgt Ion: 56 Resp: 210685
Ion Ratio Lower Upper
56 100
55 69.8 55.1 82.7



#14
Allyl chloride
Concen: 49.460 ug/l
RT: 2.352 min Scan# 408
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 41 Resp: 371745
Ion Ratio Lower Upper
41 100
39 61.2 49.9 74.9
76 35.9 29.7 44.5

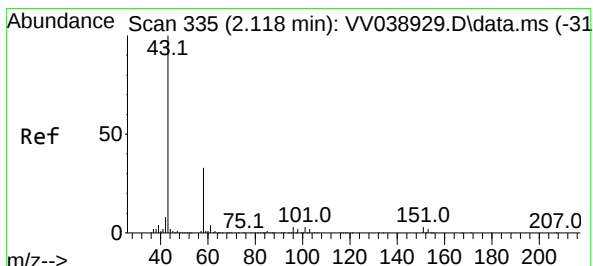
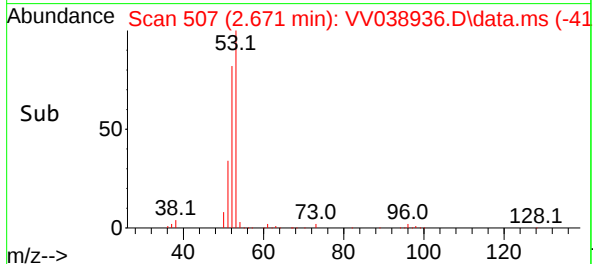
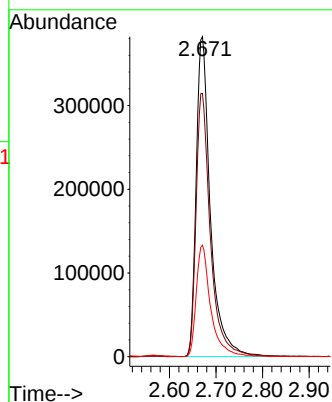
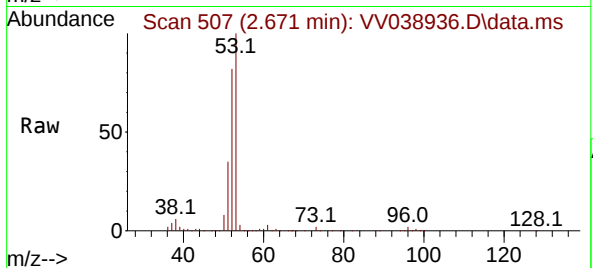




#15
Acrylonitrile
Concen: 243.229 ug/l
RT: 2.671 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

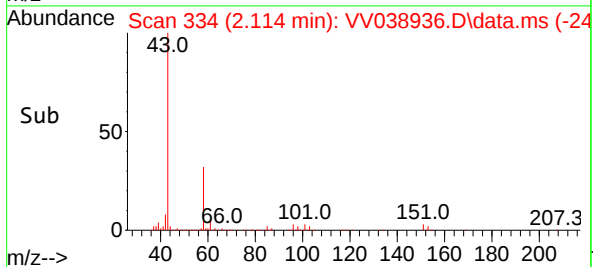
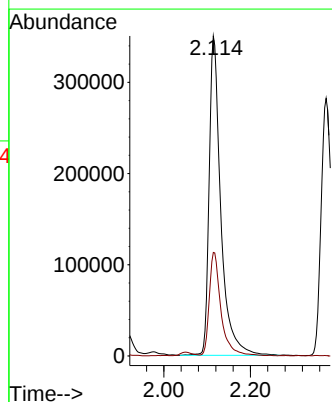
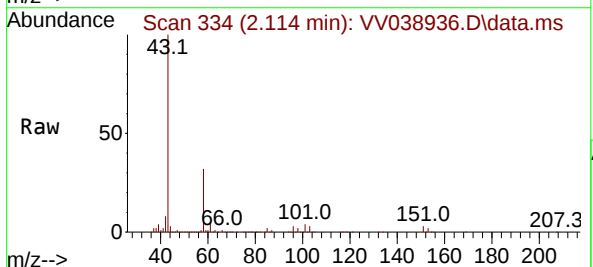
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

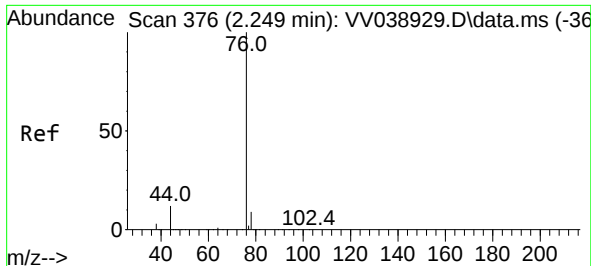
Tgt Ion: 53 Resp: 811692
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 35.4 28.6 43.0



#16
Acetone
Concen: 244.114 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 43 Resp: 654922
Ion Ratio Lower Upper
43 100
58 32.3 26.8 40.2

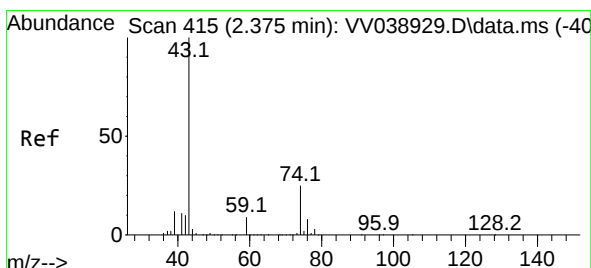
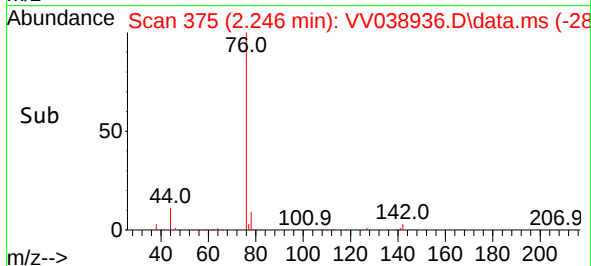
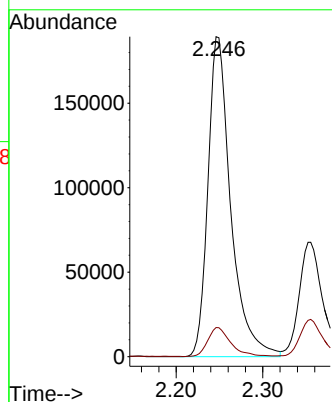
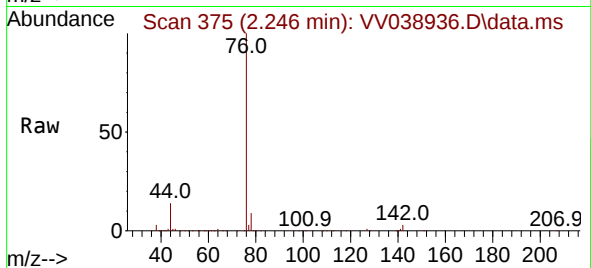




#17
Carbon Disulfide
Concen: 49.977 ug/l
RT: 2.246 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

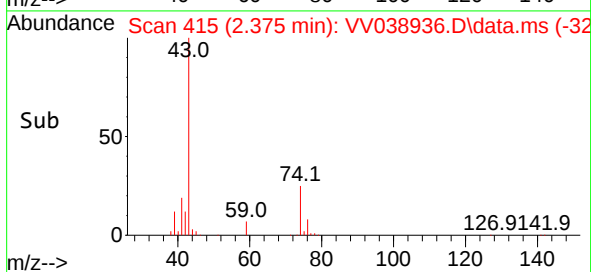
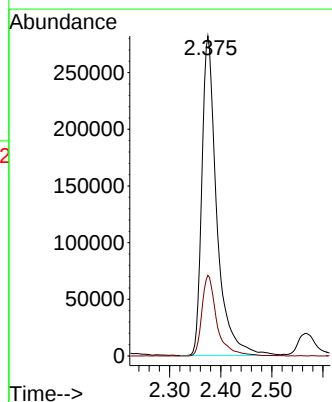
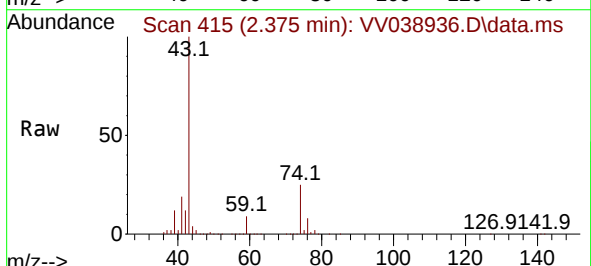
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

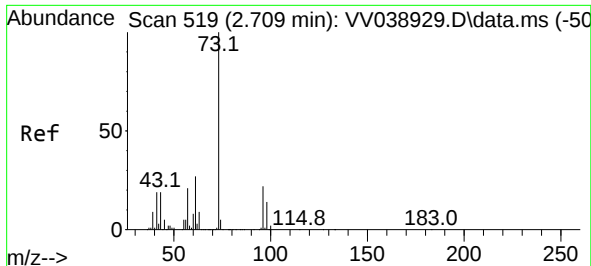
Tgt Ion: 76 Resp: 346866
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 59.460 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 43 Resp: 571992
Ion Ratio Lower Upper
43 100
74 25.2 20.6 30.8

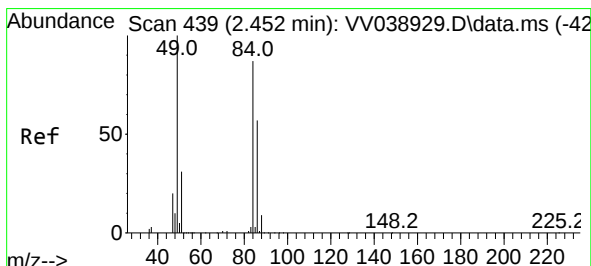
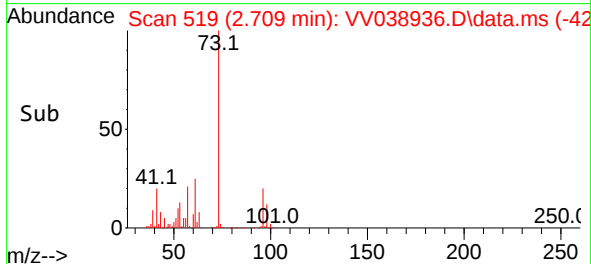
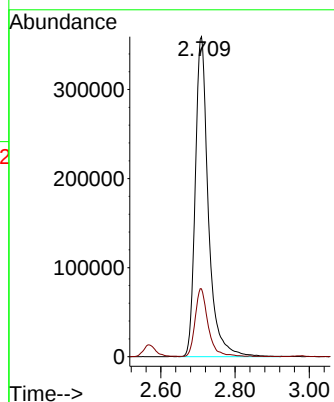
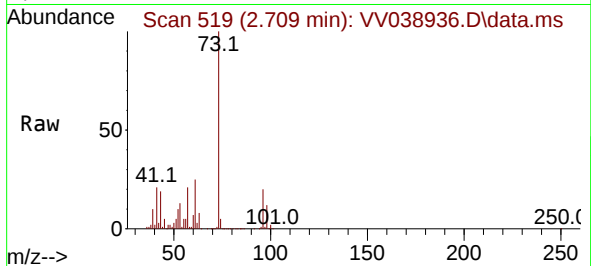




#19
Methyl tert-butyl Ether
Concen: 49.717 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

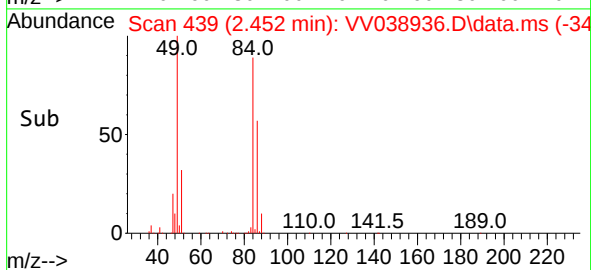
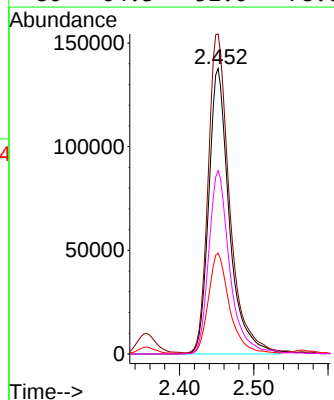
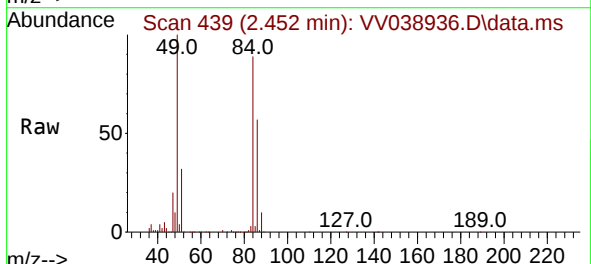
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

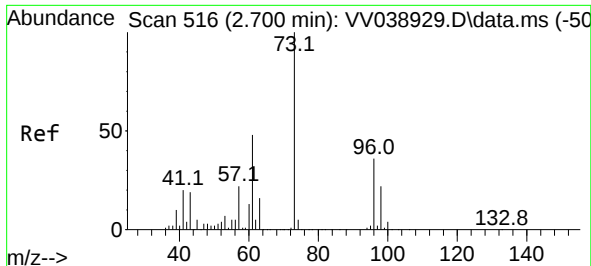
Tgt Ion: 73 Resp: 879228
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6



#20
Methylene Chloride
Concen: 43.038 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 84 Resp: 265695
Ion Ratio Lower Upper
84 100
49 111.6 91.7 137.5
51 35.1 28.3 42.5
86 64.3 52.0 78.0

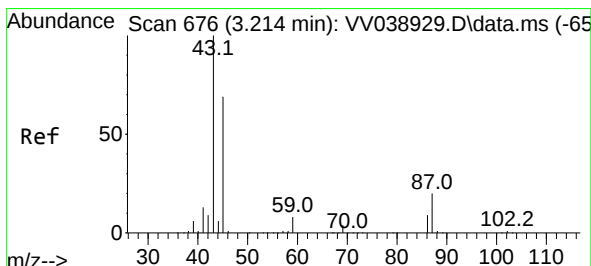
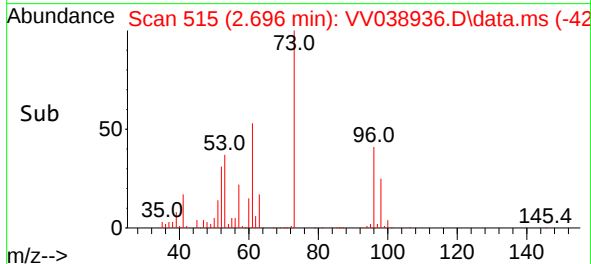
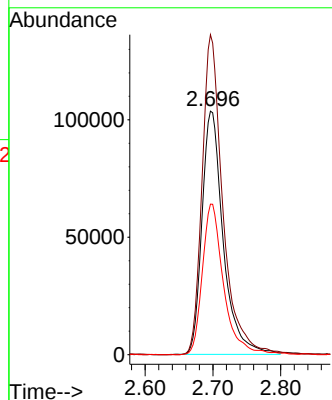
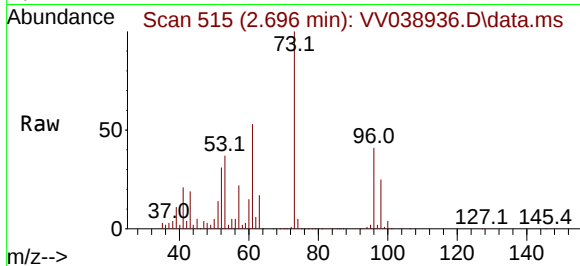




#21
trans-1,2-Dichloroethene
Concen: 48.244 ug/l
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

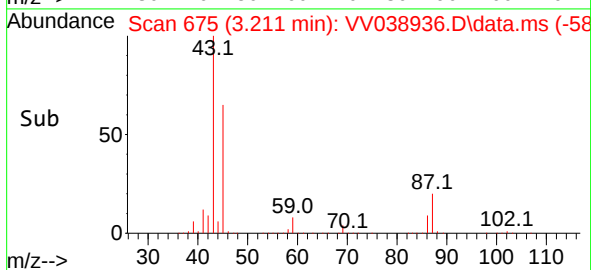
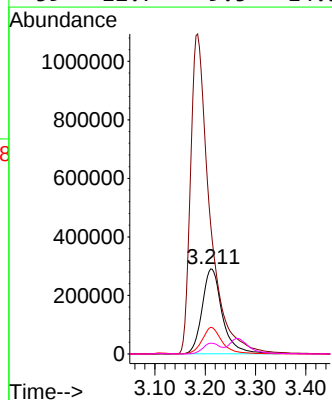
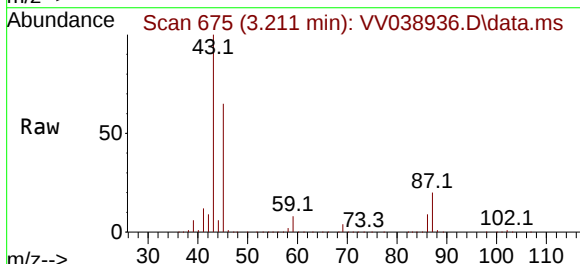
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

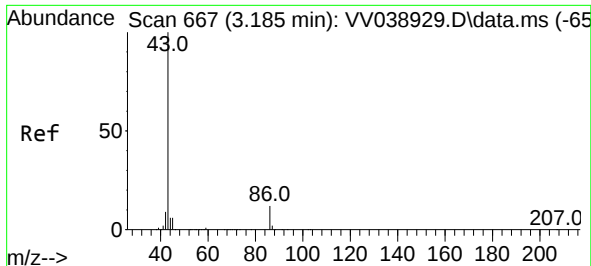
Tgt Ion: 96 Resp: 225377
Ion Ratio Lower Upper
96 100
61 131.6 106.2 159.4
98 61.9 49.8 74.8



#22
Diisopropyl ether
Concen: 53.345 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 45 Resp: 810808
Ion Ratio Lower Upper
45 100
43 152.2 115.3 172.9
87 31.1 23.8 35.6
59 12.7 9.5 14.3

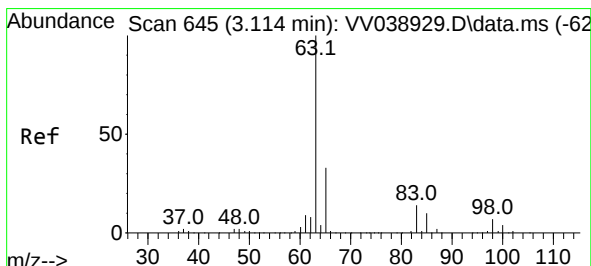
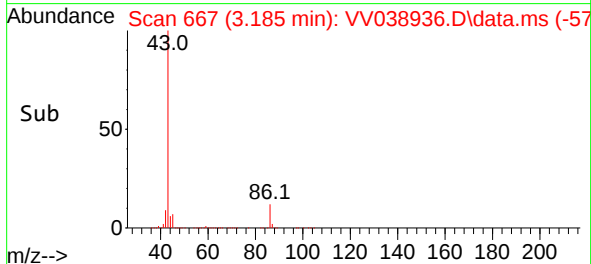
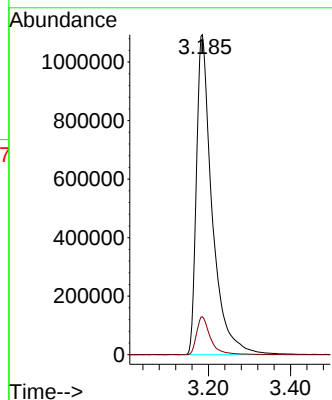
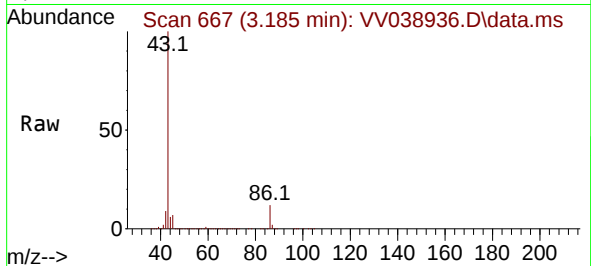




#23
 Vinyl Acetate
 Concen: 256.915 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV038936.D
 Acq: 11 Aug 2025 09:00

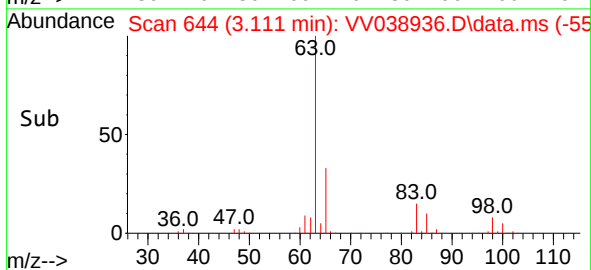
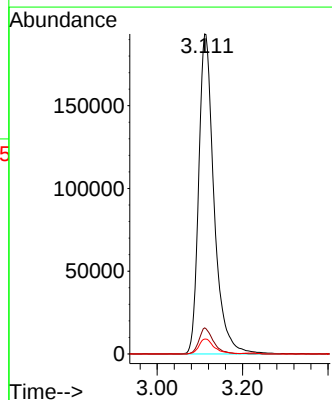
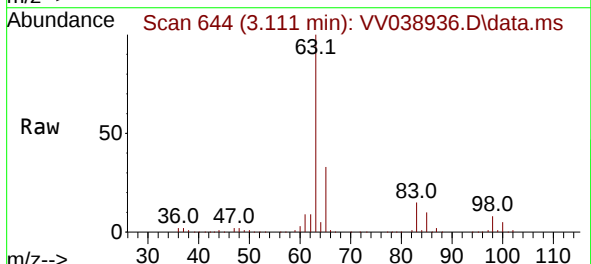
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

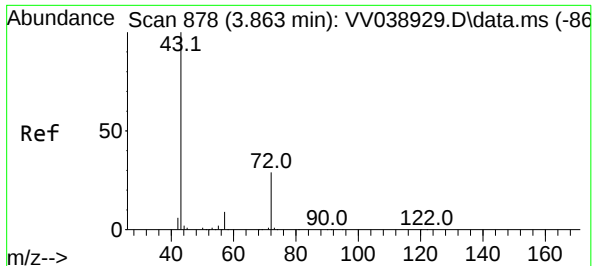
Tgt Ion: 43 Resp: 2900799
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 49.325 ug/l
 RT: 3.111 min Scan# 644
 Delta R.T. -0.003 min
 Lab File: VV038936.D
 Acq: 11 Aug 2025 09:00

Tgt Ion: 63 Resp: 480807
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 4.6 2.2 6.6

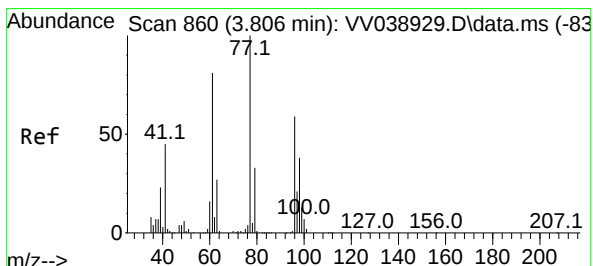
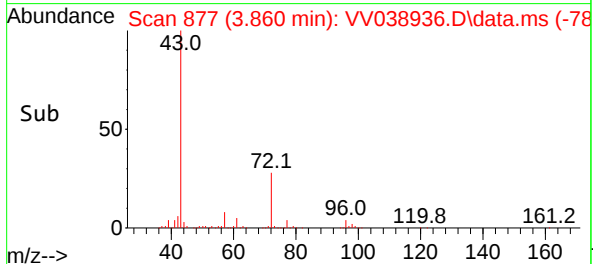
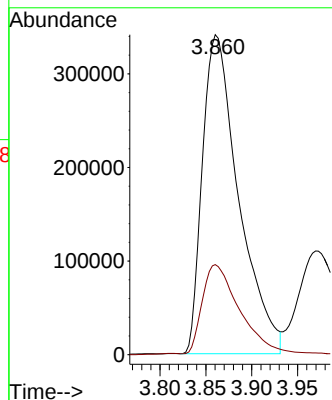
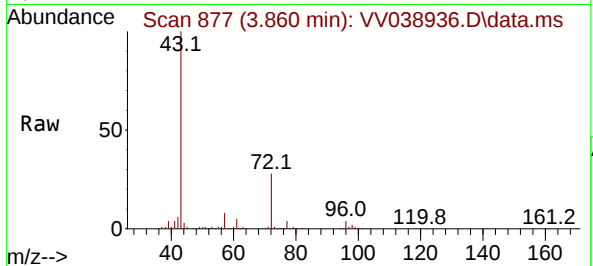




#25
2-Butanone
Concen: 275.589 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

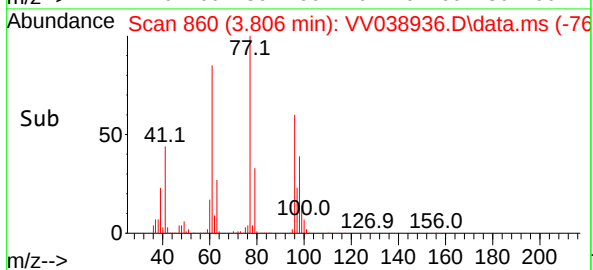
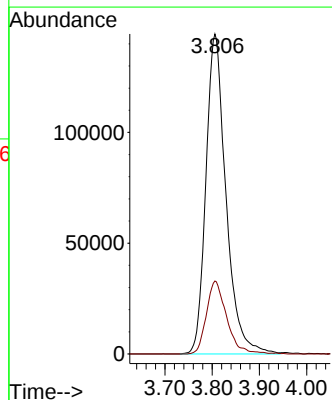
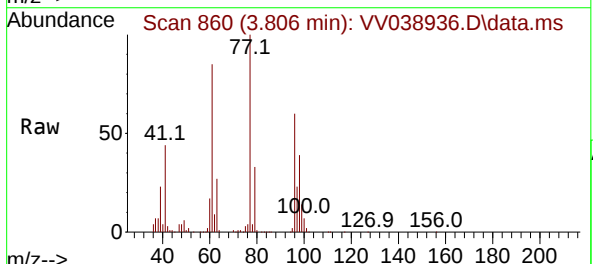
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

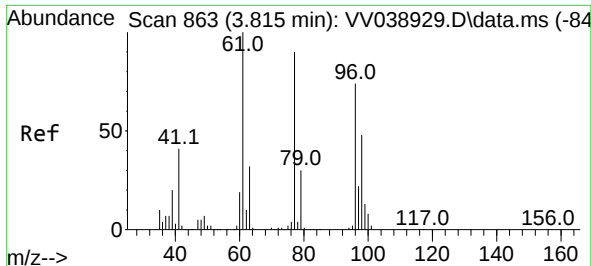
Tgt Ion: 43 Resp: 938103
Ion Ratio Lower Upper
43 100
72 27.9 23.5 35.3



#26
2,2-Dichloropropane
Concen: 49.344 ug/l
RT: 3.806 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 77 Resp: 426204
Ion Ratio Lower Upper
77 100
97 23.0 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.640 ug/l

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

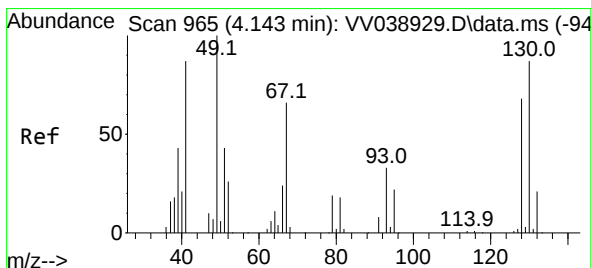
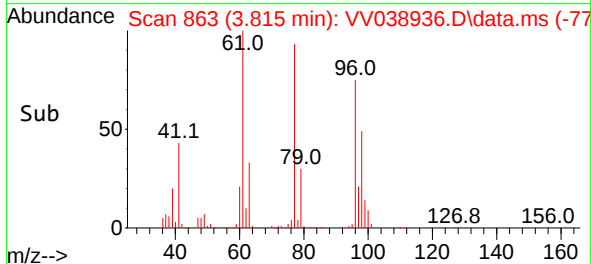
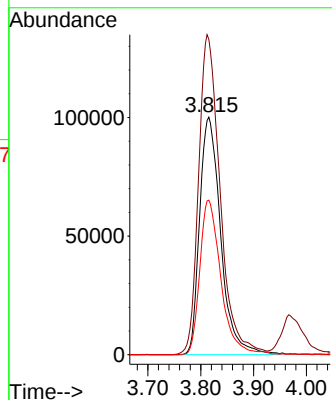
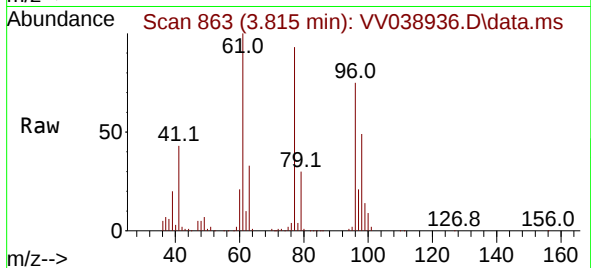
Tgt Ion: 96 Resp: 278066

Ion Ratio Lower Upper

96 100

61 137.2 0.0 270.4

98 64.9 0.0 128.0



#28

Bromochloromethane

Concen: 45.931 ug/l

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

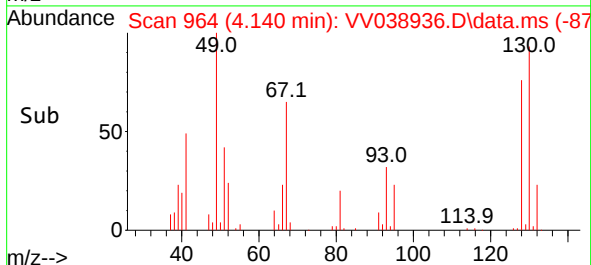
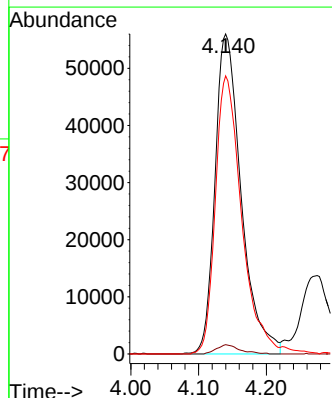
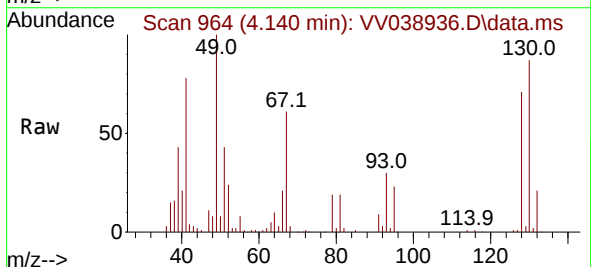
Tgt Ion: 49 Resp: 150398

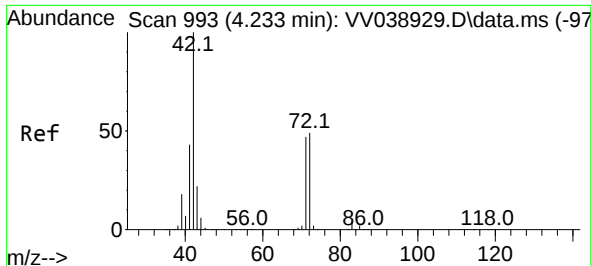
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.4

130 86.6 70.9 106.3





#29

Tetrahydrofuran

Concen: 271.614 ug/l

RT: 4.233 min Scan# 993

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

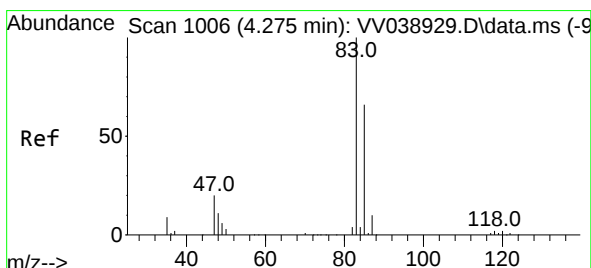
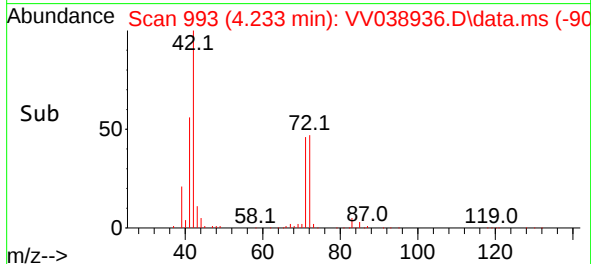
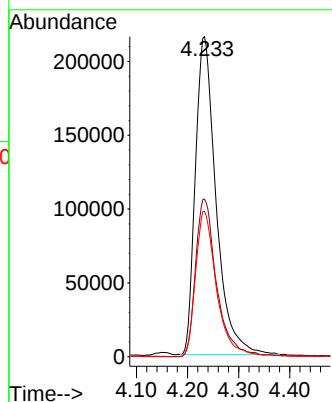
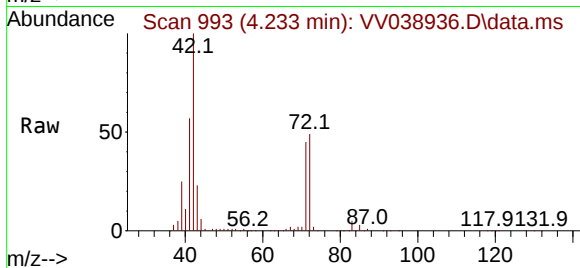
Tgt Ion: 42 Resp: 605337

Ion Ratio Lower Upper

42 100

72 50.1 39.9 59.9

71 46.3 37.4 56.0



#30

Chloroform

Concen: 50.500 ug/l

RT: 4.272 min Scan# 1005

Delta R.T. -0.003 min

Lab File: VV038936.D

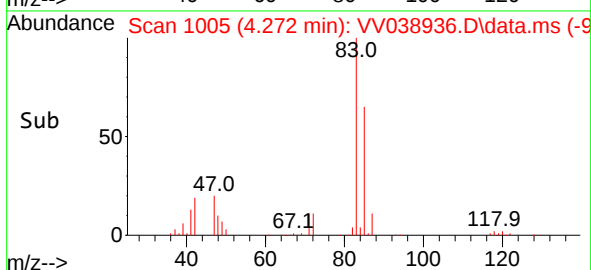
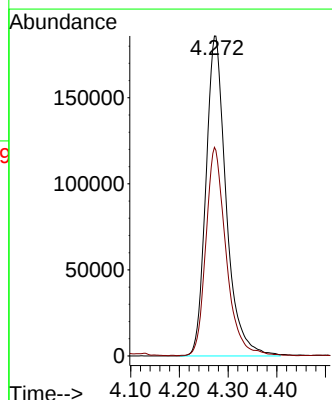
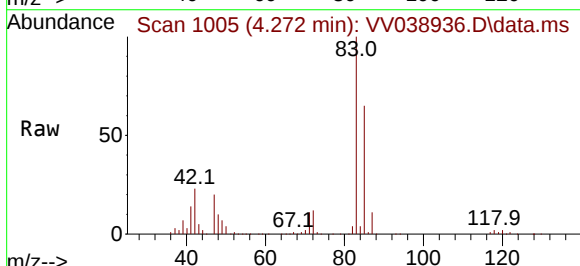
Acq: 11 Aug 2025 09:00

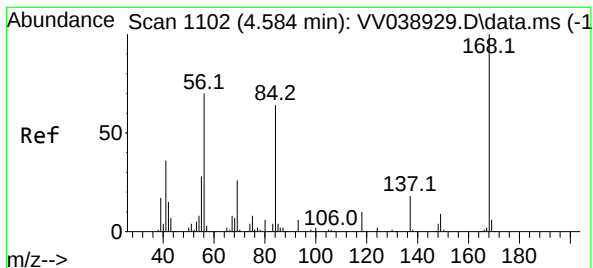
Tgt Ion: 83 Resp: 535624

Ion Ratio Lower Upper

83 100

85 65.0 53.0 79.6





#31

Cyclohexane

Concen: 47.256 ug/l

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

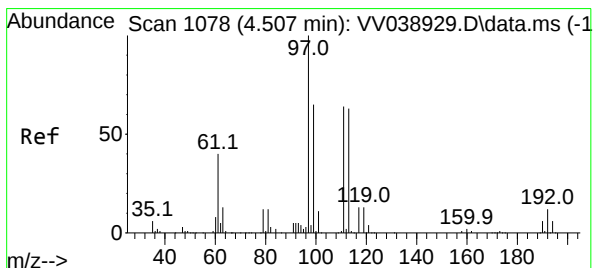
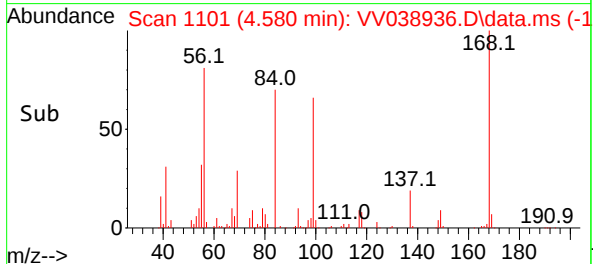
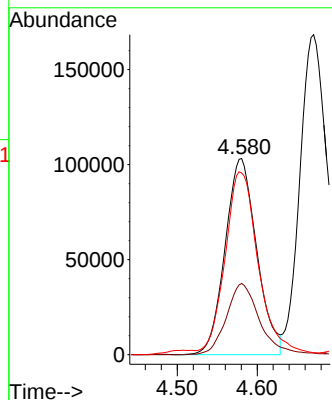
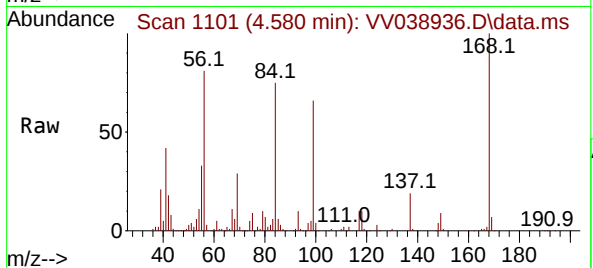
Tgt Ion: 56 Resp: 283739

Ion Ratio Lower Upper

56 100

69 36.3 30.2 45.2

84 90.6 73.6 110.4



#32

1,1,1-Trichloroethane

Concen: 50.500 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

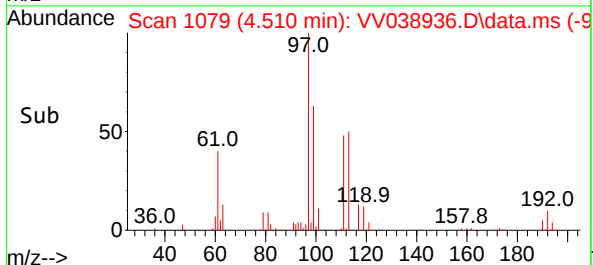
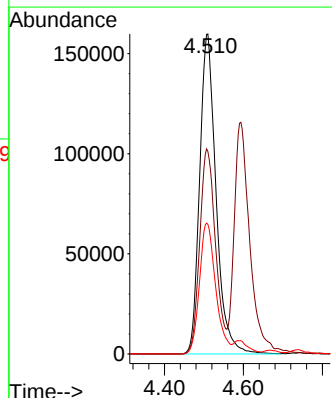
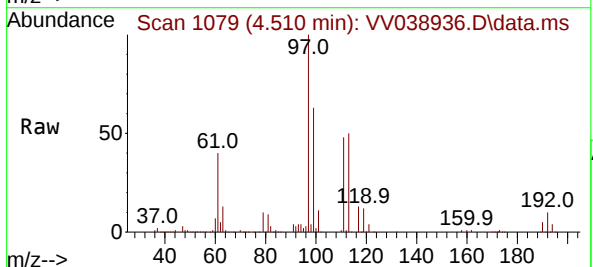
Tgt Ion: 97 Resp: 460682

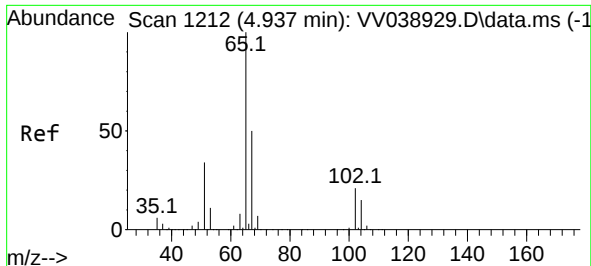
Ion Ratio Lower Upper

97 100

99 61.8 49.8 74.6

61 40.4 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 45.866 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

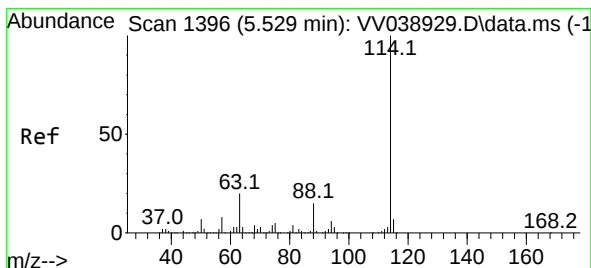
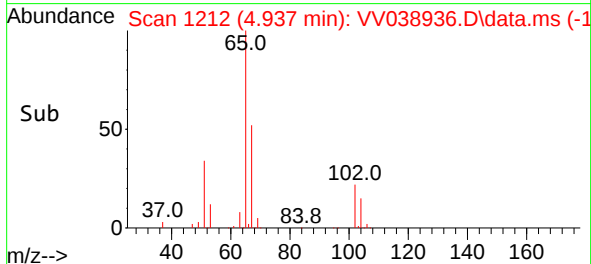
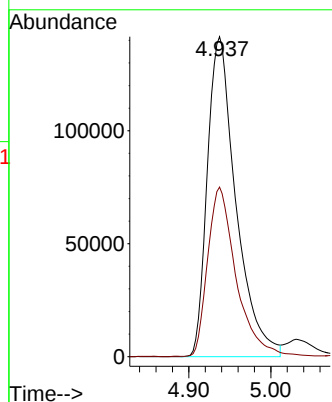
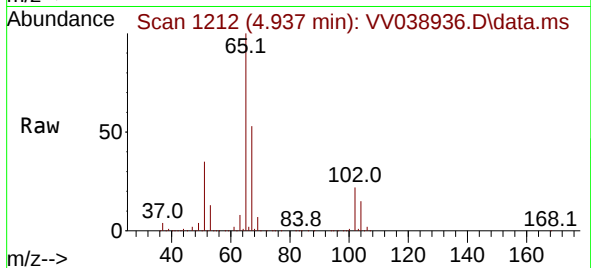
VSTDCCC050

Tgt Ion: 65 Resp: 342797

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

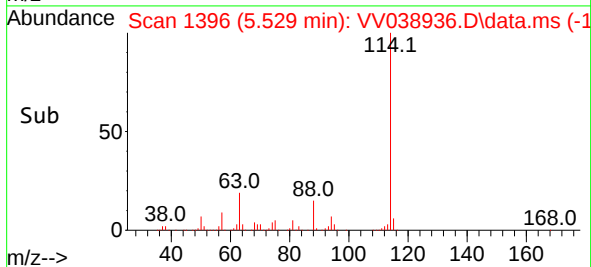
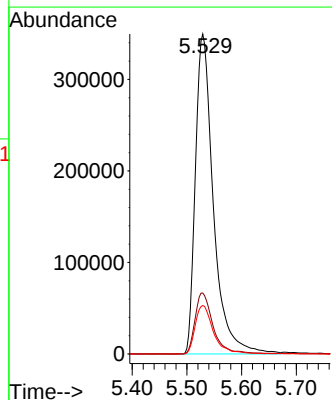
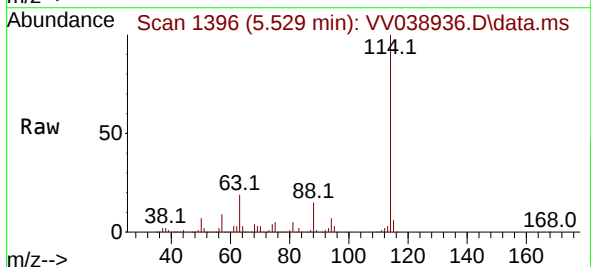
Tgt Ion: 114 Resp: 799523

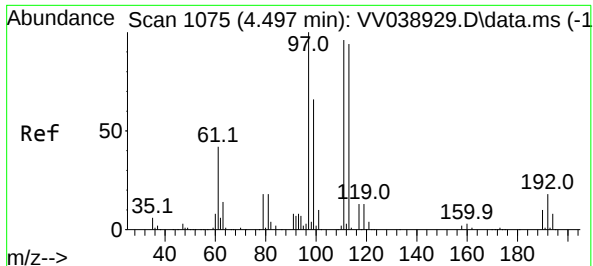
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.551 ug/l

RT: 4.494 min Scan# 110

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

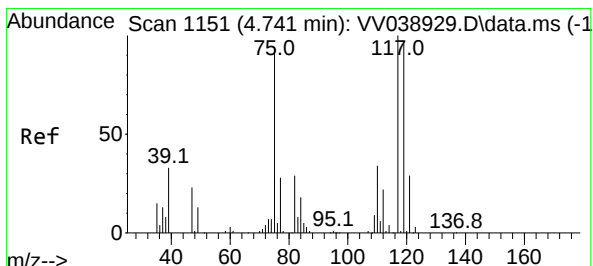
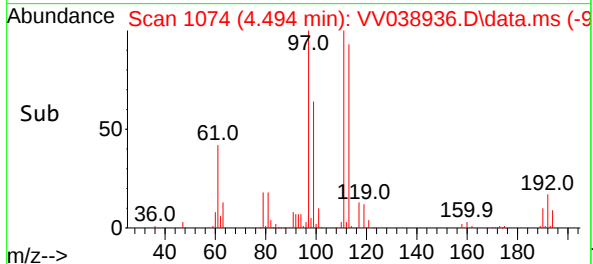
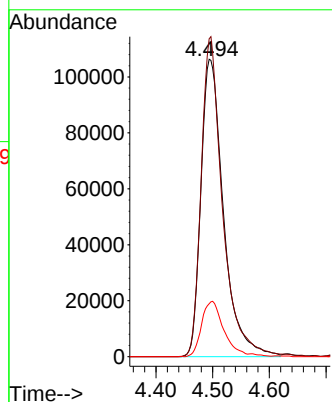
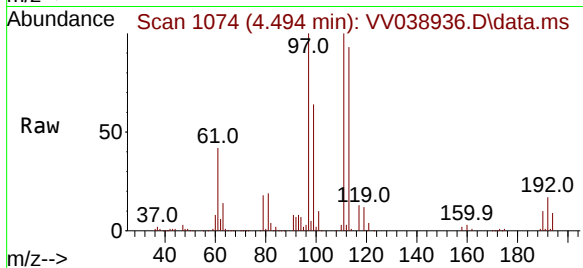
Tgt Ion:113 Resp: 294487

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 18.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 52.079 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

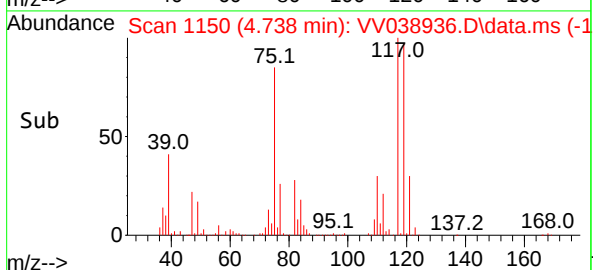
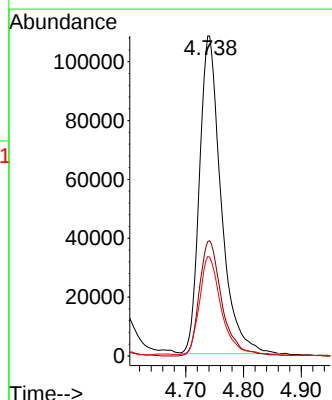
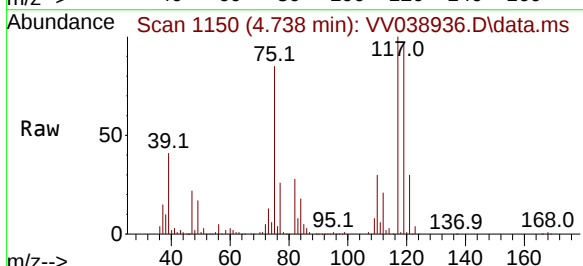
Tgt Ion: 75 Resp: 280856

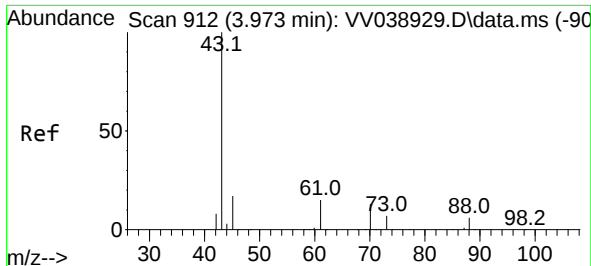
Ion Ratio Lower Upper

75 100

110 37.8 19.5 58.5

77 30.5 25.0 37.6





#37

Ethyl Acetate

Concen: 47.779 ug/l

RT: 3.970 min Scan# 911

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

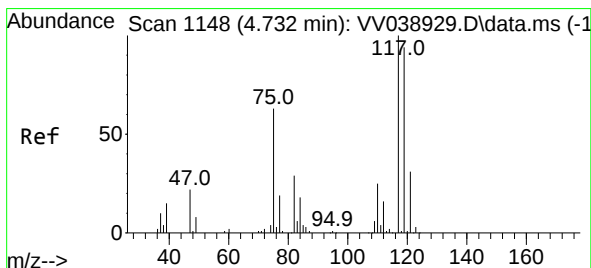
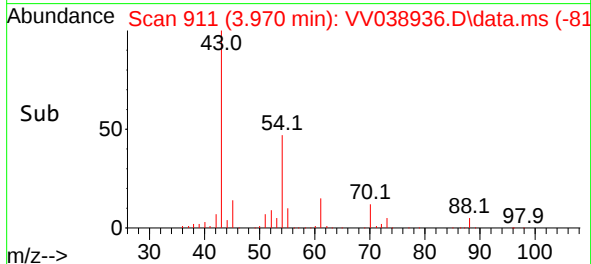
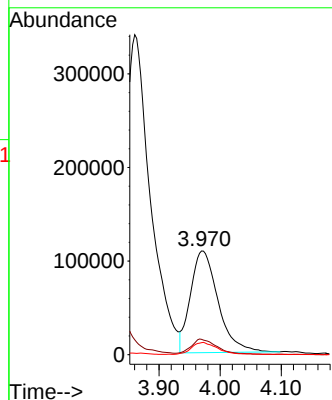
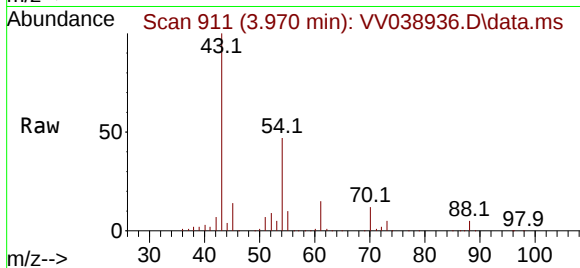
Tgt Ion: 43 Resp: 341369

Ion Ratio Lower Upper

43 100

61 13.6 12.0 18.0

70 11.0 8.6 13.0



#38

Carbon Tetrachloride

Concen: 53.629 ug/l

RT: 4.732 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

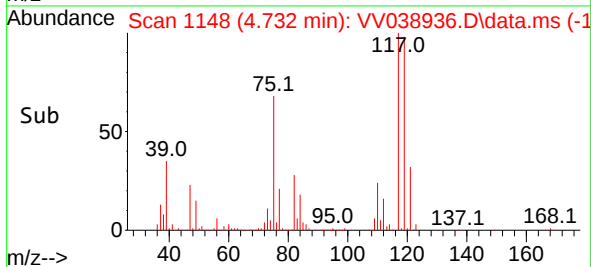
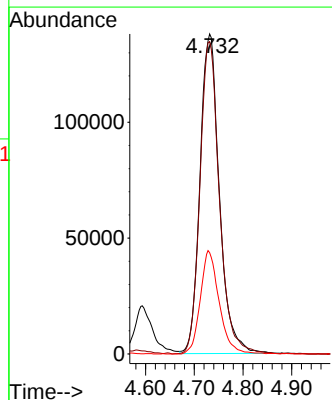
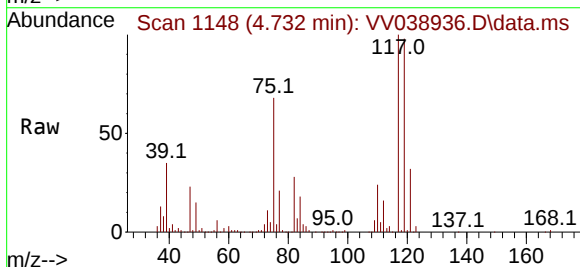
Tgt Ion: 117 Resp: 382011

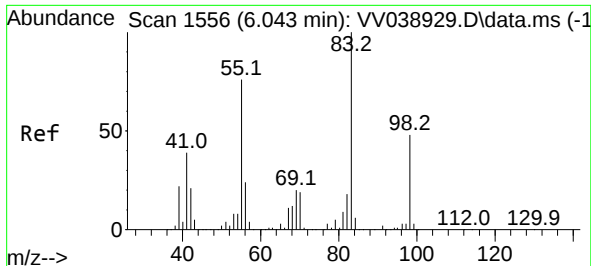
Ion Ratio Lower Upper

117 100

119 97.6 74.9 112.3

121 31.7 24.6 36.8





#39

Methylcyclohexane

Concen: 53.621 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

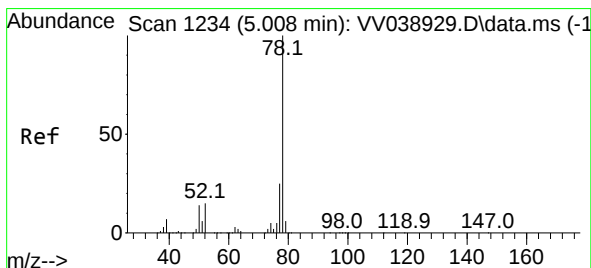
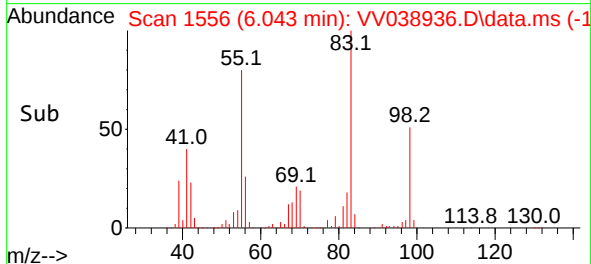
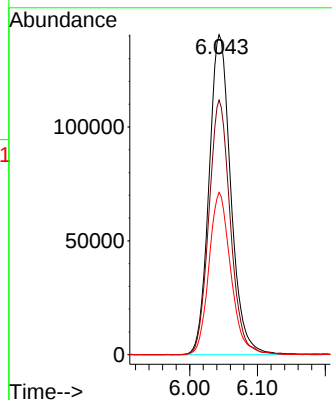
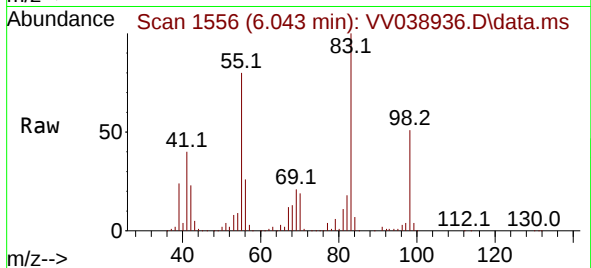
Tgt Ion: 83 Resp: 313857

Ion Ratio Lower Upper

83 100

55 79.5 60.8 91.2

98 50.7 38.6 57.8



#40

Benzene

Concen: 54.477 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038936.D

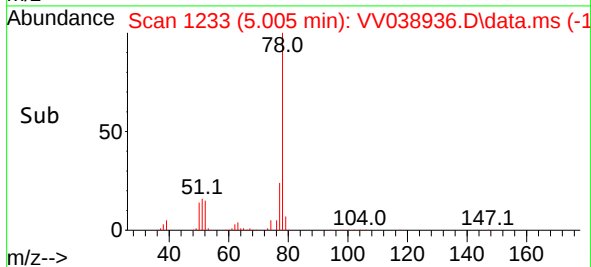
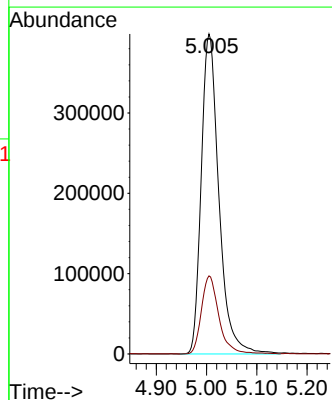
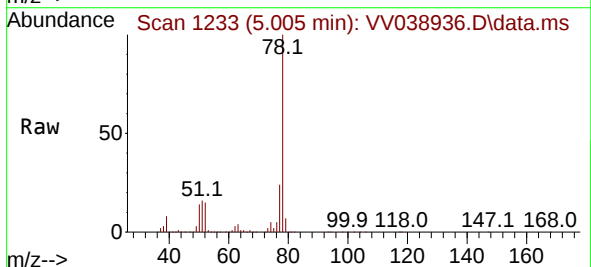
Acq: 11 Aug 2025 09:00

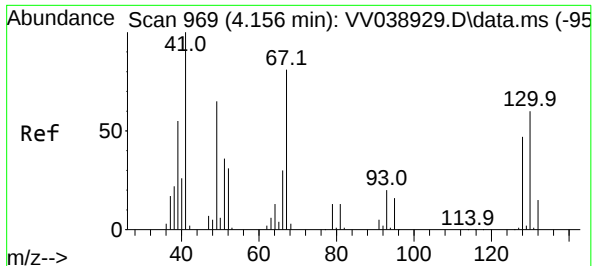
Tgt Ion: 78 Resp: 971447

Ion Ratio Lower Upper

78 100

77 24.4 19.6 29.4



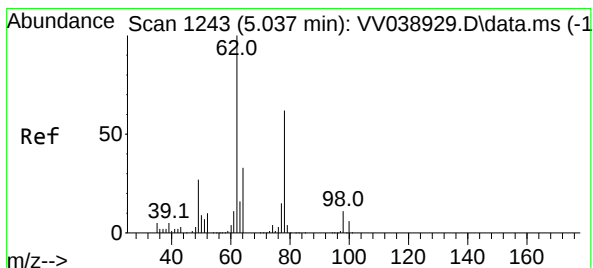
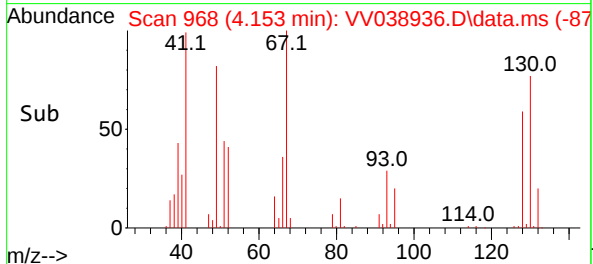
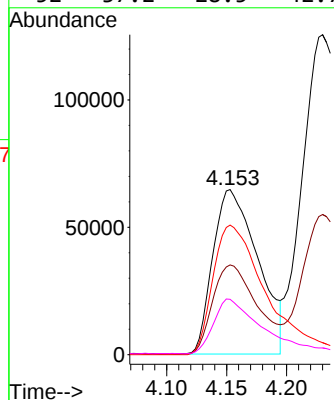
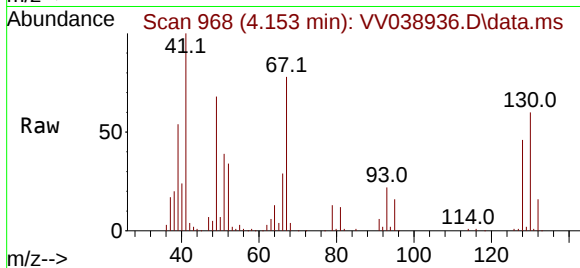


#41
Methacrylonitrile
Concen: 58.438 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 168853

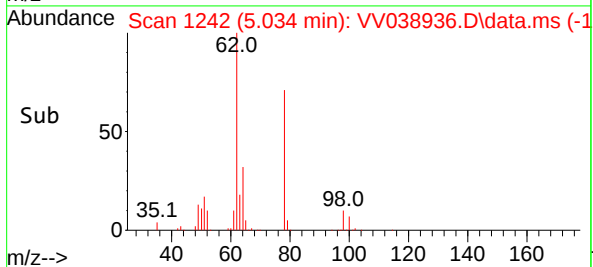
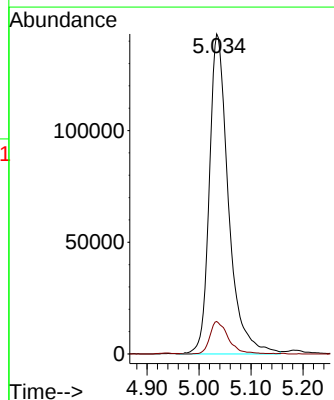
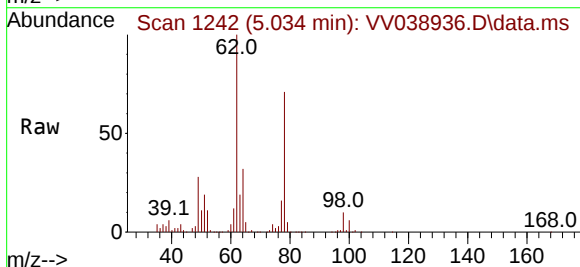
Ion	Ratio	Lower	Upper
41	100		
39	53.3	41.8	62.6
67	94.3	72.6	109.0
52	37.2	28.5	42.7

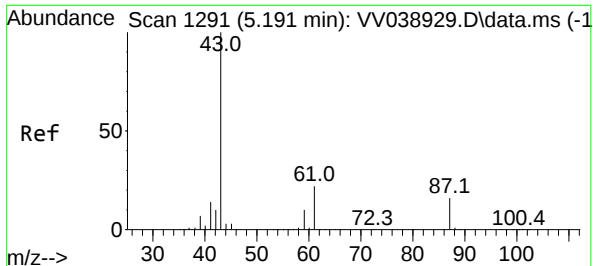


#42
1,2-Dichloroethane
Concen: 52.957 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 62 Resp: 366147

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6

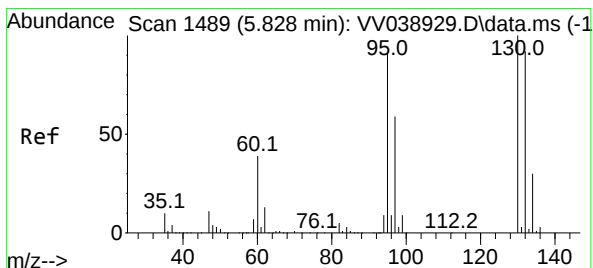
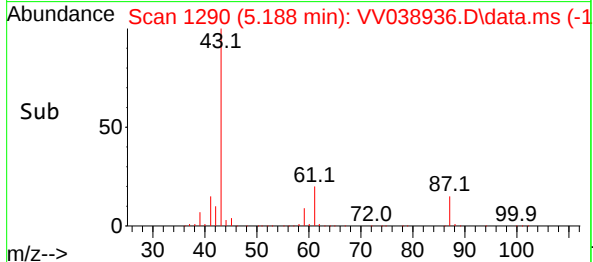
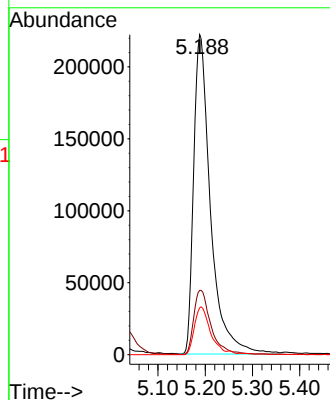
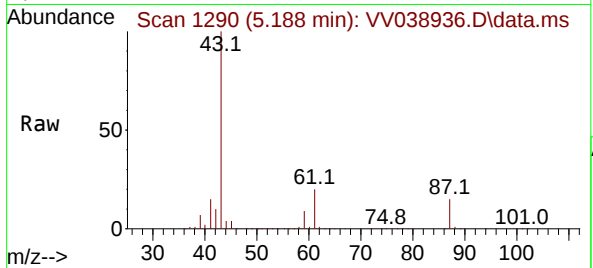




#43
Isopropyl Acetate
Concen: 55.404 ug/l
RT: 5.188 min Scan# 1290
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

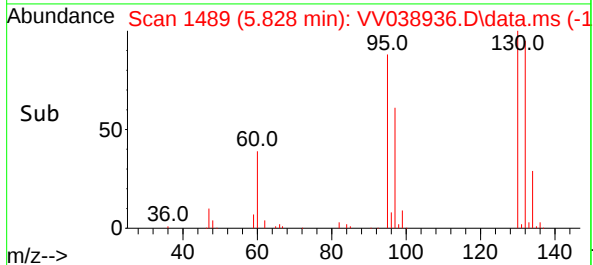
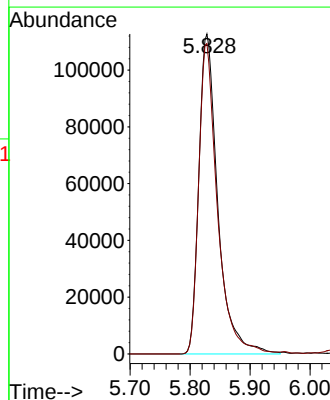
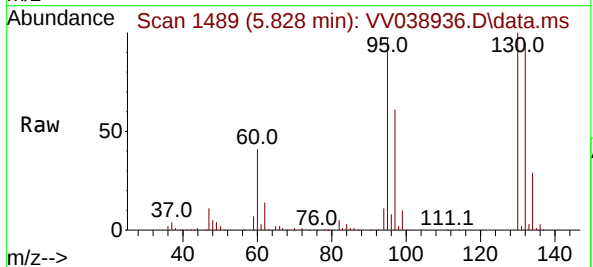
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

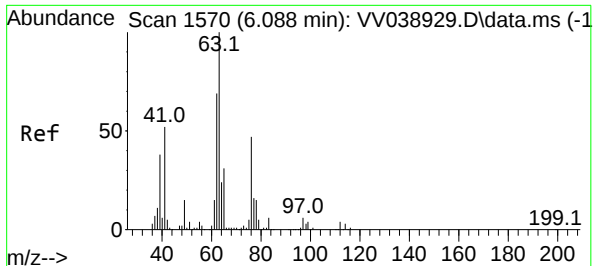
Tgt Ion: 43 Resp: 549963
Ion Ratio Lower Upper
43 100
61 20.3 17.0 25.6
87 14.1 12.2 18.4



#44
Trichloroethene
Concen: 52.282 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 130 Resp: 248454
Ion Ratio Lower Upper
130 100
95 97.0 0.0 181.2





#45

1,2-Dichloropropane

Concen: 53.698 ug/l

RT: 6.085 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

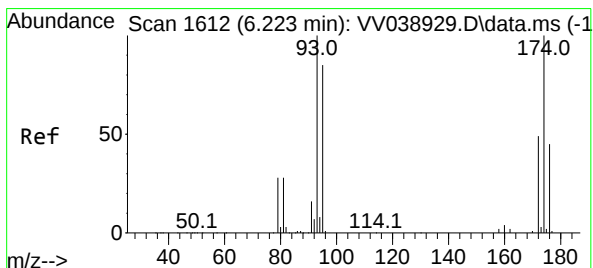
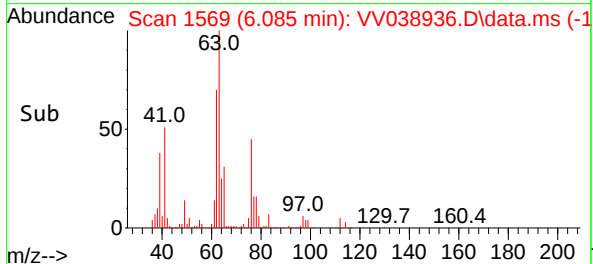
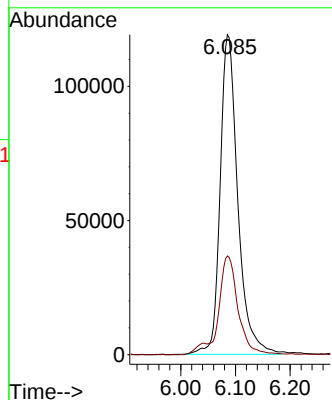
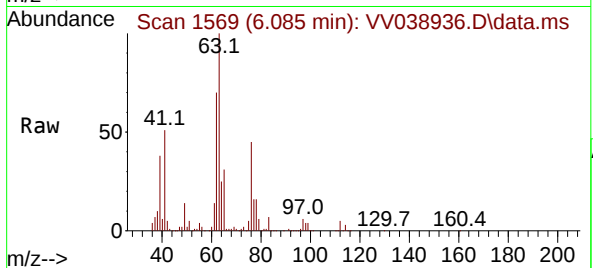
VSTDCCC050

Tgt Ion: 63 Resp: 266856

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.6



#46

Dibromomethane

Concen: 54.969 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

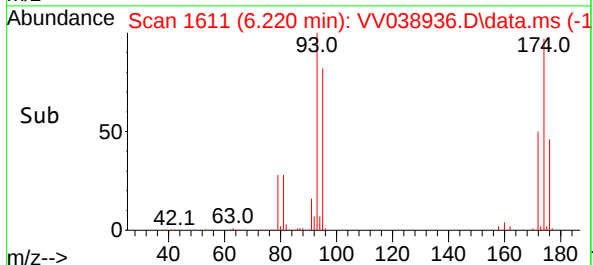
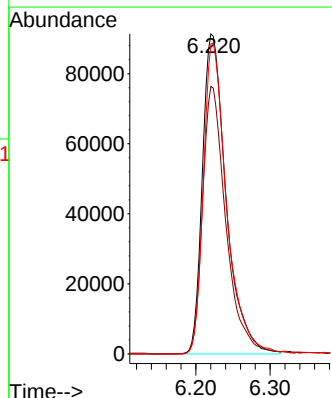
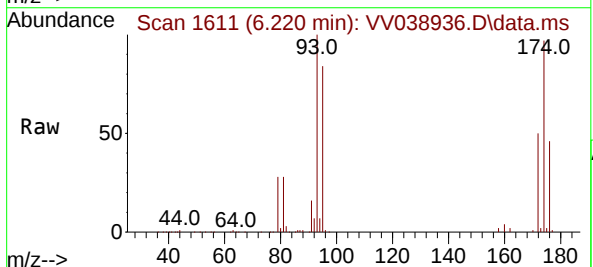
Tgt Ion: 93 Resp: 202218

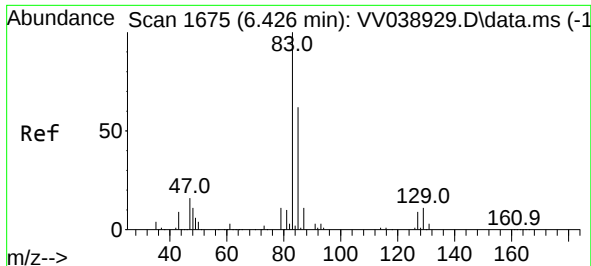
Ion Ratio Lower Upper

93 100

95 82.5 67.8 101.6

174 95.1 77.4 116.0





#47

Bromodichloromethane

Concen: 53.179 ug/l

RT: 6.423 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

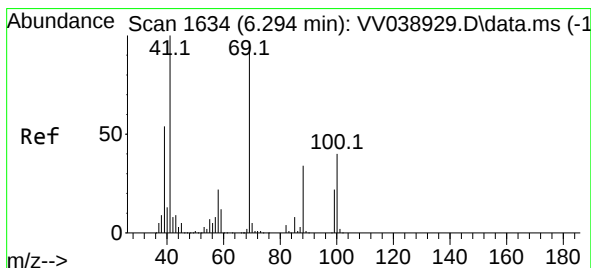
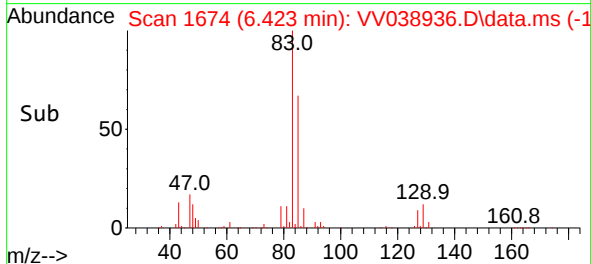
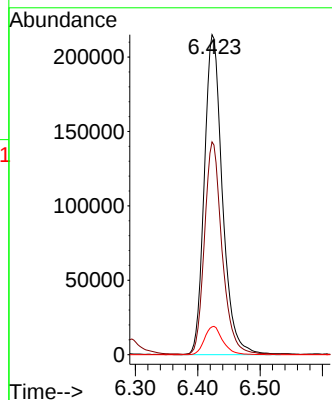
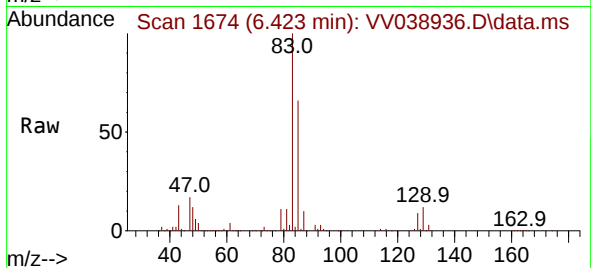
Tgt Ion: 83 Resp: 434636

Ion Ratio Lower Upper

83 100

85 66.3 49.8 74.6

127 8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 58.308 ug/l

RT: 6.294 min Scan# 1634

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

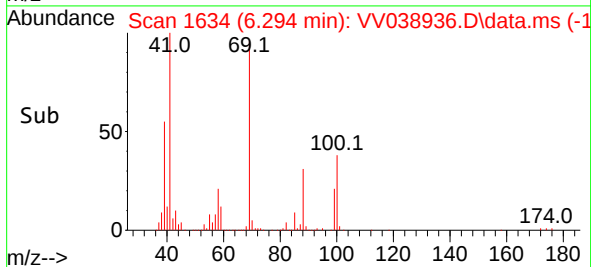
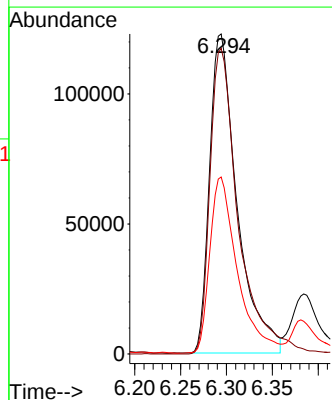
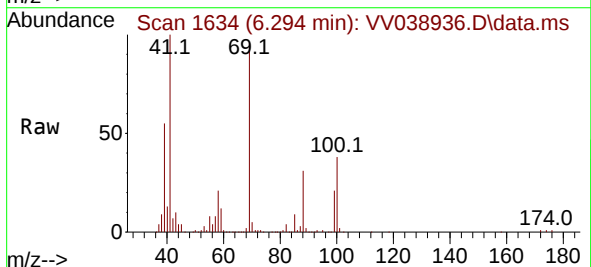
Tgt Ion: 41 Resp: 256288

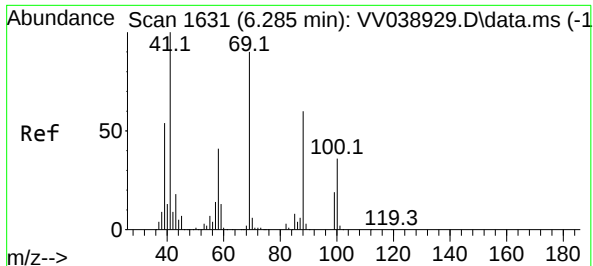
Ion Ratio Lower Upper

41 100

69 99.7 78.4 117.6

39 55.1 43.3 64.9





#49

1,4-Dioxane

Concen: 1120.401 ug/l

RT: 6.285 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

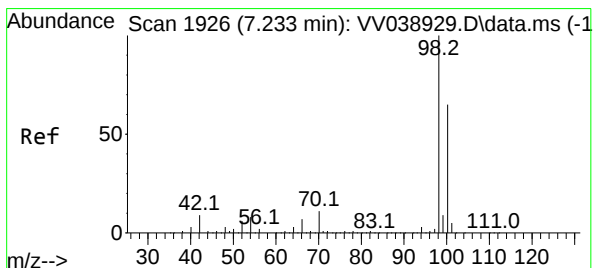
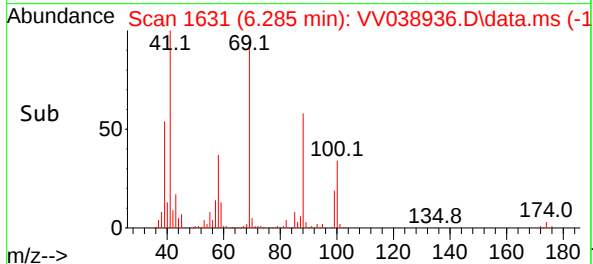
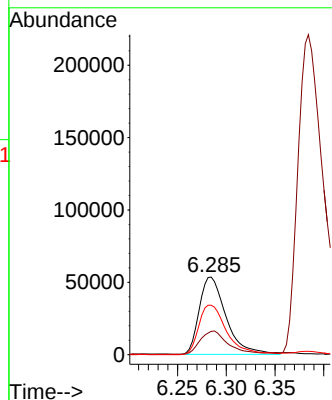
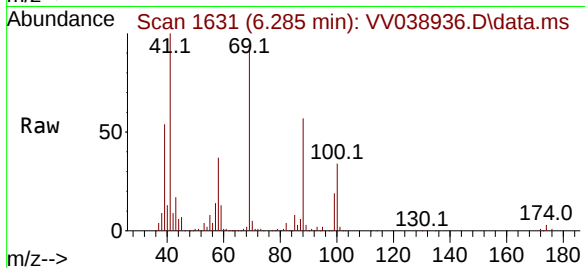
Tgt Ion: 88 Resp: 102642

Ion Ratio Lower Upper

88 100

43 32.8 24.2 36.2

58 66.7 55.4 83.2



#50

Toluene-d8

Concen: 50.012 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VV038936.D

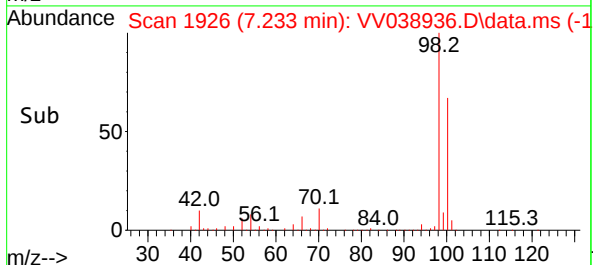
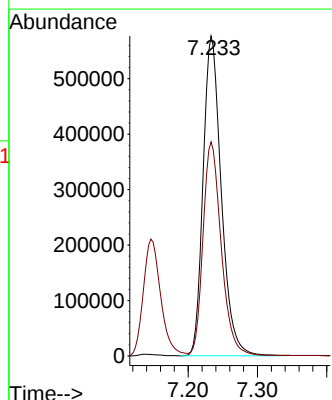
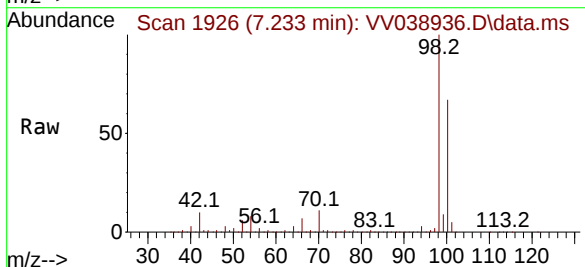
Acq: 11 Aug 2025 09:00

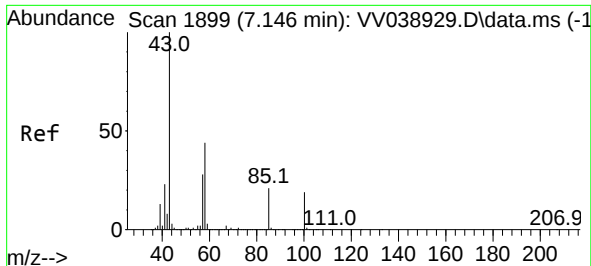
Tgt Ion: 98 Resp: 1050599

Ion Ratio Lower Upper

98 100

100 66.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 296.239 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

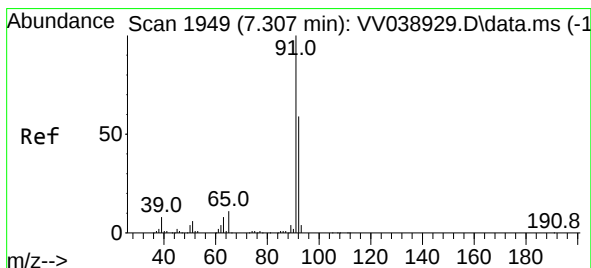
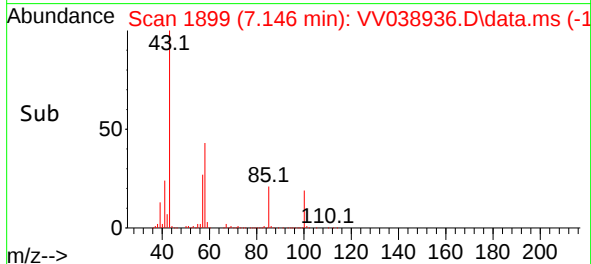
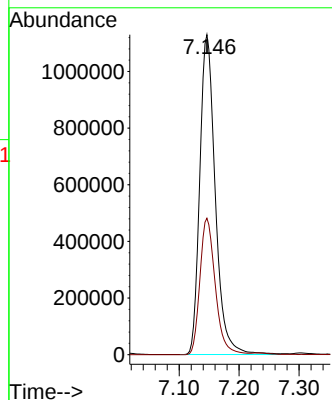
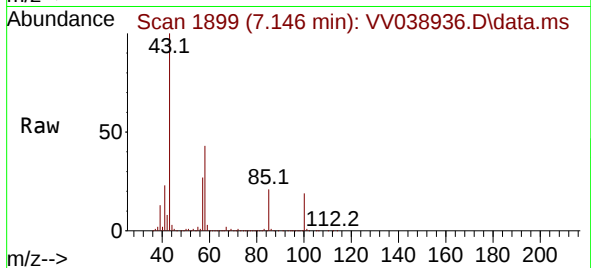
VSTDCCC050

Tgt Ion: 43 Resp: 2036905

Ion Ratio Lower Upper

43 100

58 42.2 34.2 51.2



#52

Toluene

Concen: 57.940 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV038936.D

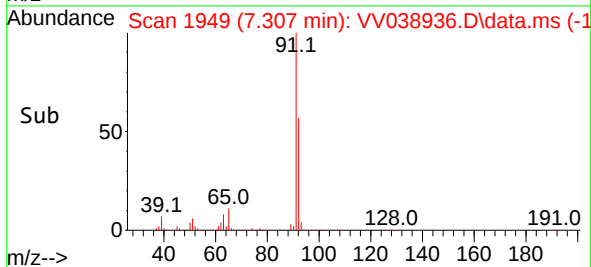
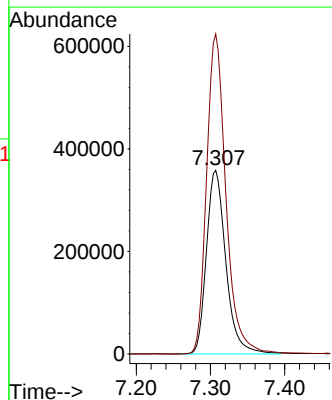
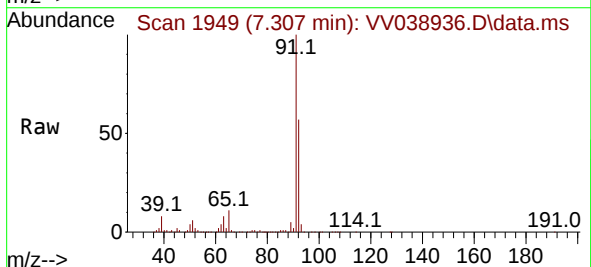
Acq: 11 Aug 2025 09:00

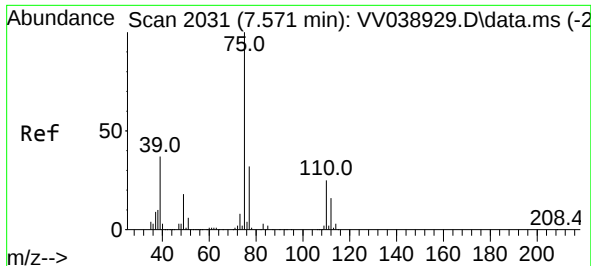
Tgt Ion: 92 Resp: 650961

Ion Ratio Lower Upper

92 100

91 173.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 55.995 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

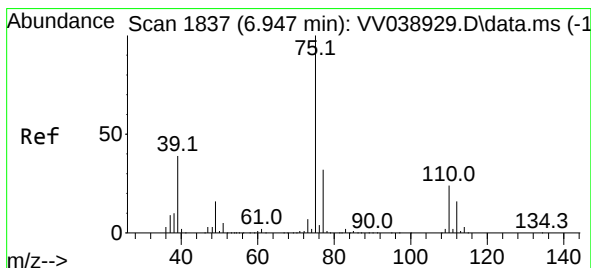
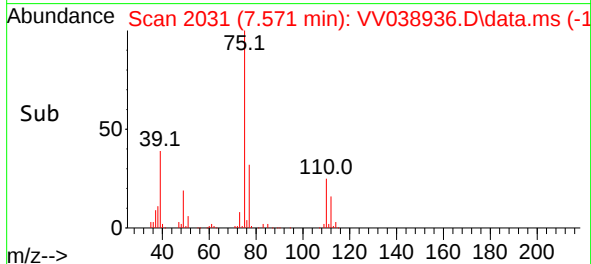
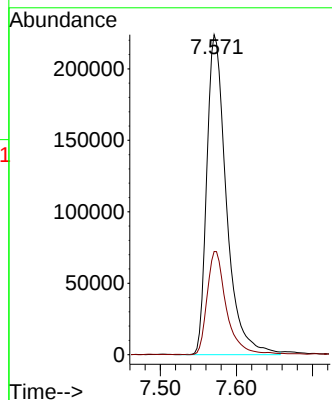
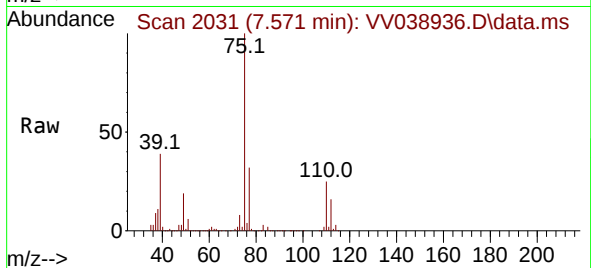
VSTDCCC050

Tgt Ion: 75 Resp: 400369

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 54.602 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

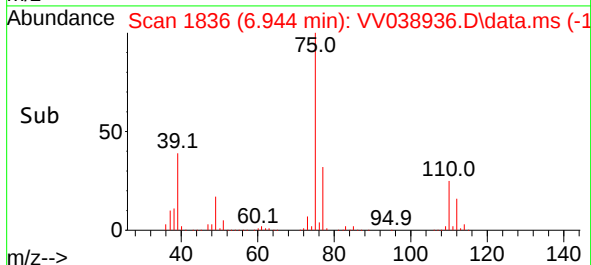
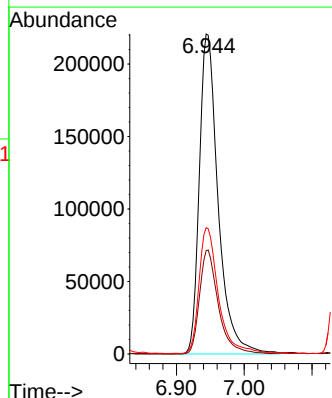
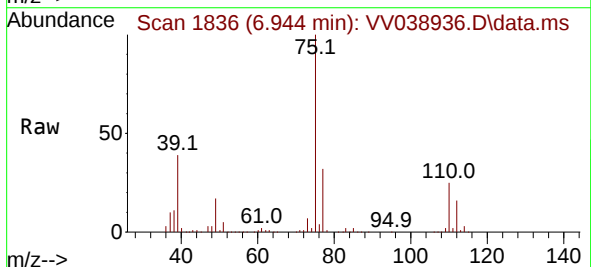
Tgt Ion: 75 Resp: 426225

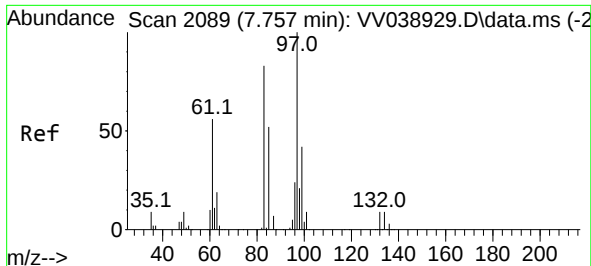
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

39 39.3 31.6 47.4

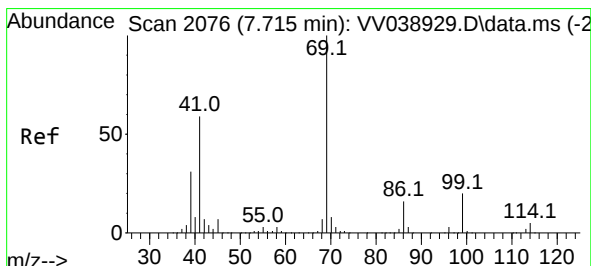
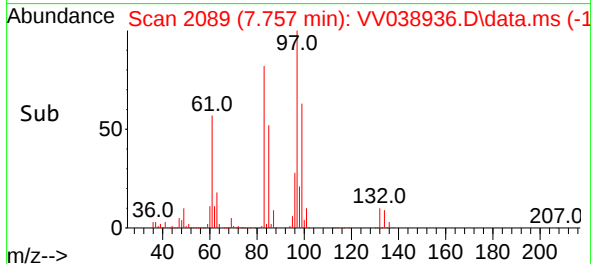
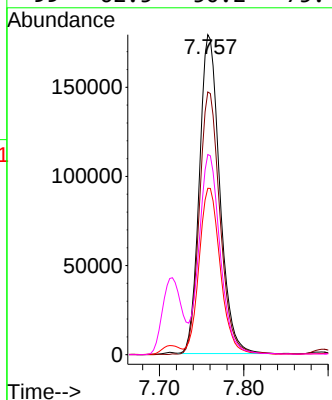
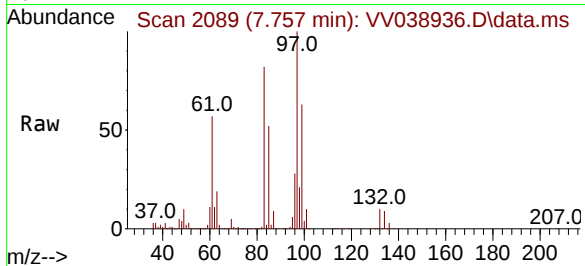




#55
1,1,2-Trichloroethane
Concen: 54.891 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

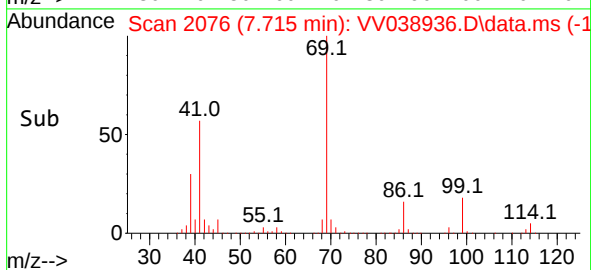
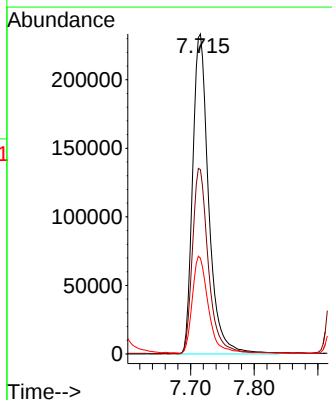
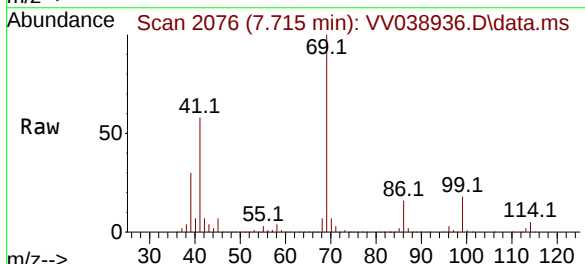
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

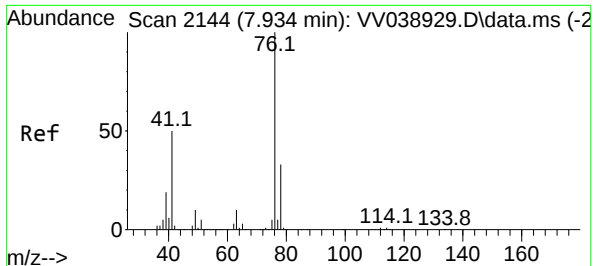
Tgt Ion:	97	Resp:	301787
Ion	Ratio	Lower	Upper
97	100		
83	82.2	66.2	99.4
85	52.0	42.9	64.3
99	62.5	50.2	75.4



#56
Ethyl methacrylate
Concen: 63.355 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion:	69	Resp:	408034
Ion	Ratio	Lower	Upper
69	100		
41	57.9	45.8	68.8
39	30.1	23.4	35.0

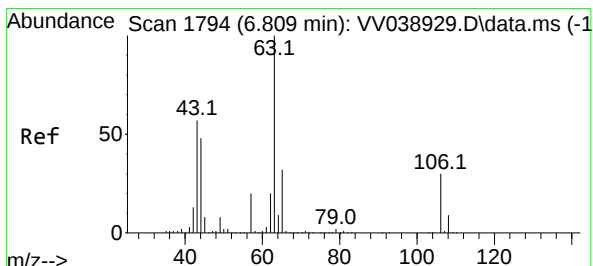
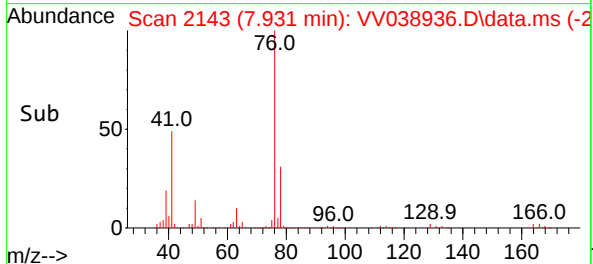
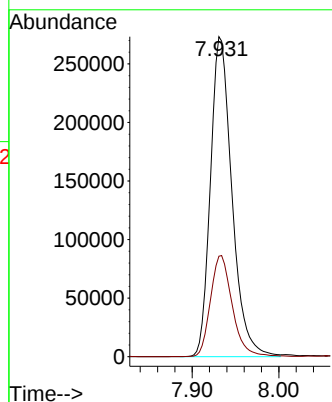
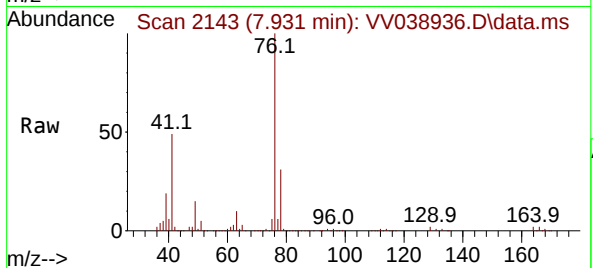




#57
1,3-Dichloropropane
Concen: 56.040 ug/l
RT: 7.931 min Scan# 2143
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

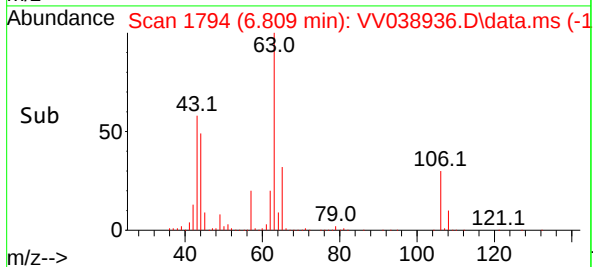
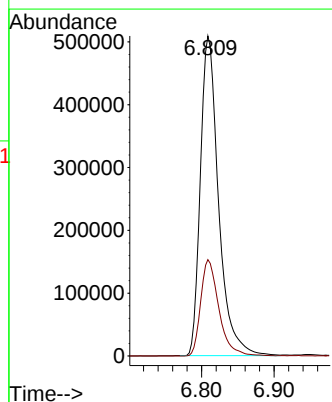
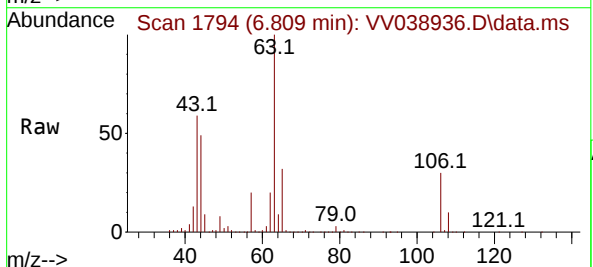
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

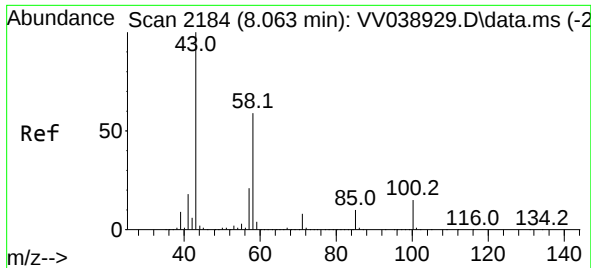
Tgt Ion: 76 Resp: 471291
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 275.497 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 63 Resp: 888765
Ion Ratio Lower Upper
63 100
106 30.1 24.1 36.1

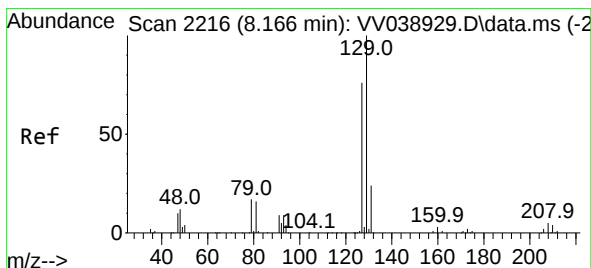
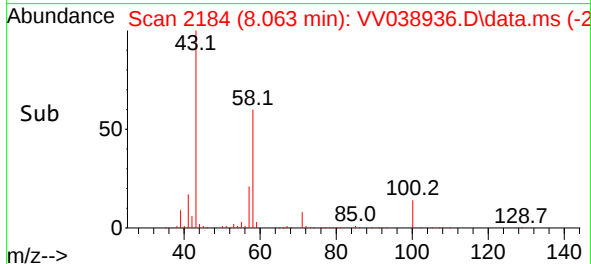
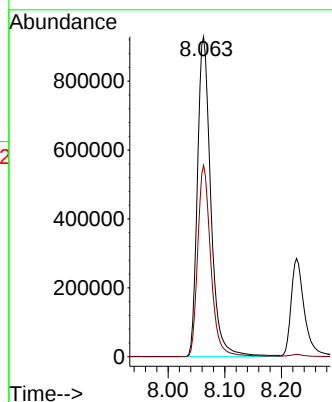
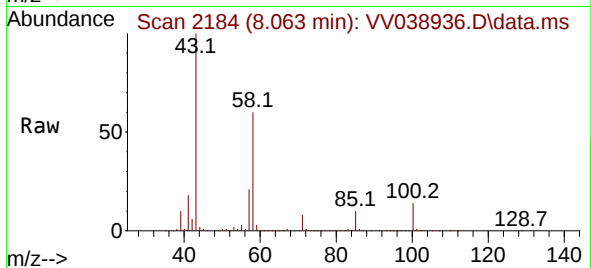




#59
2-Hexanone
Concen: 306.164 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

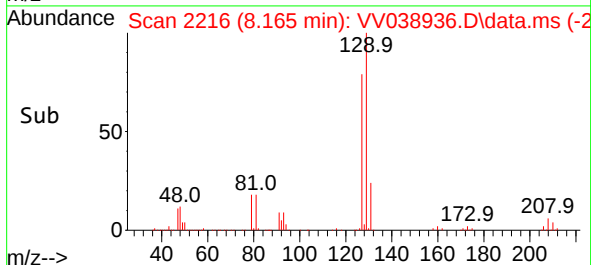
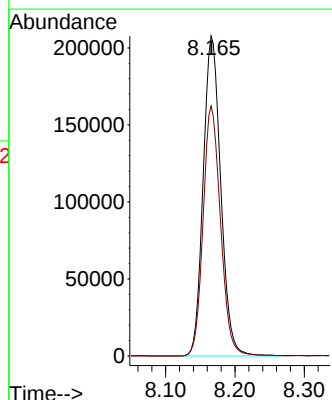
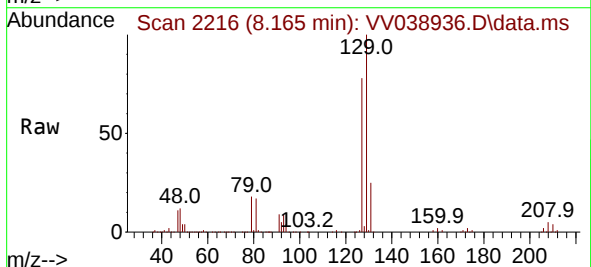
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

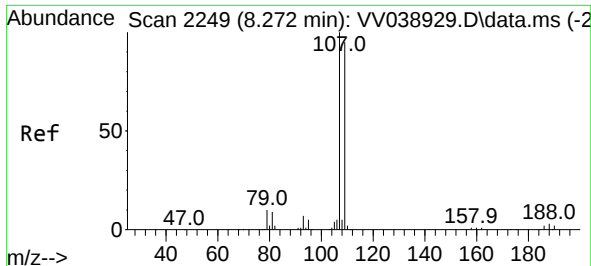
Tgt Ion: 43 Resp: 1519535
Ion Ratio Lower Upper
43 100
58 58.6 29.3 87.8



#60
Dibromochloromethane
Concen: 54.253 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 129 Resp: 365247
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6

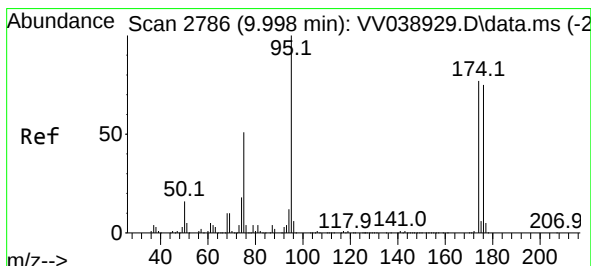
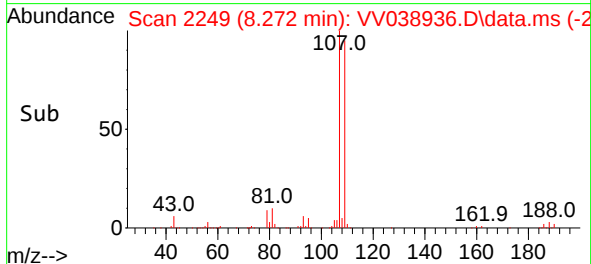
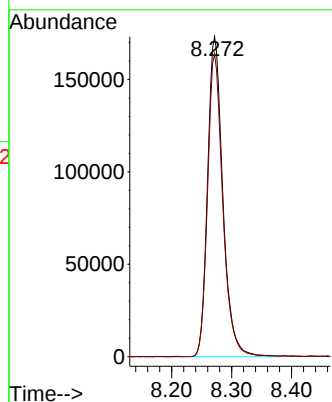
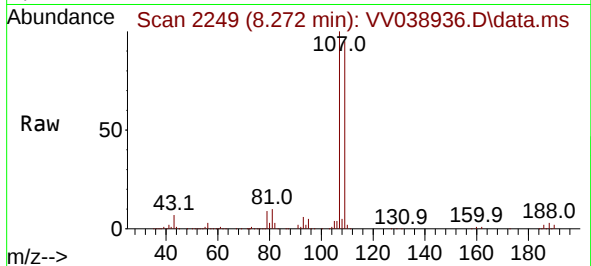




#61
1,2-Dibromoethane
Concen: 56.247 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

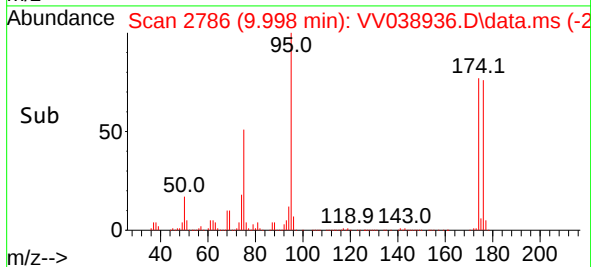
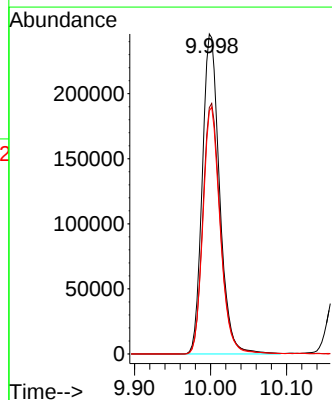
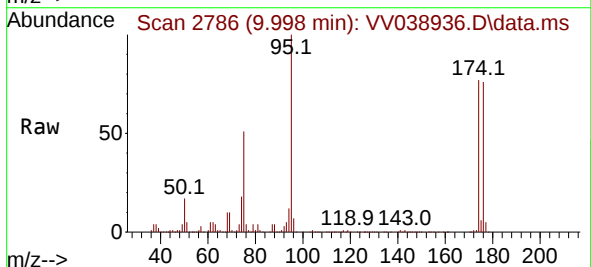
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

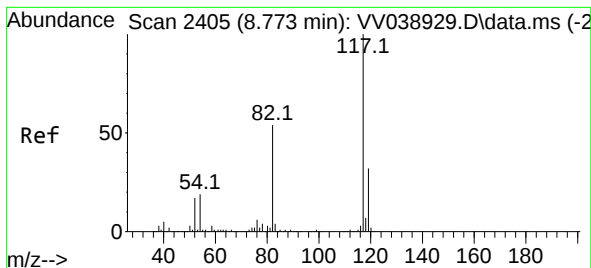
Tgt Ion:107 Resp: 306988
Ion Ratio Lower Upper
107 100
109 94.4 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 51.225 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 95 Resp: 387547
Ion Ratio Lower Upper
95 100
174 79.4 0.0 156.6
176 76.6 0.0 153.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

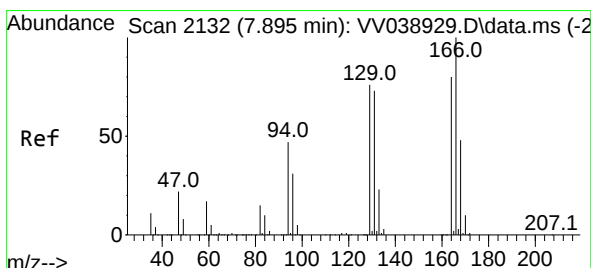
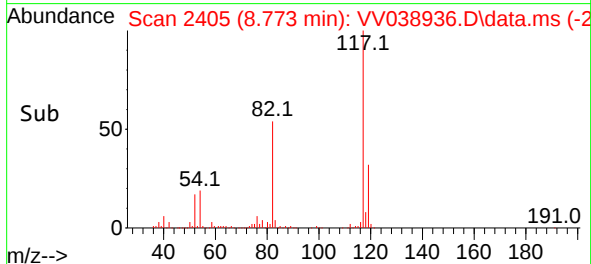
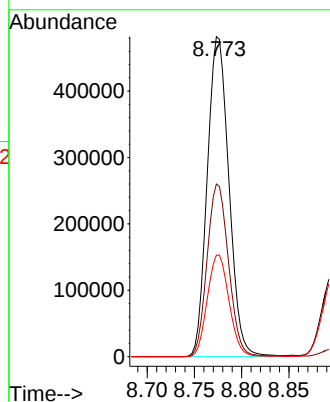
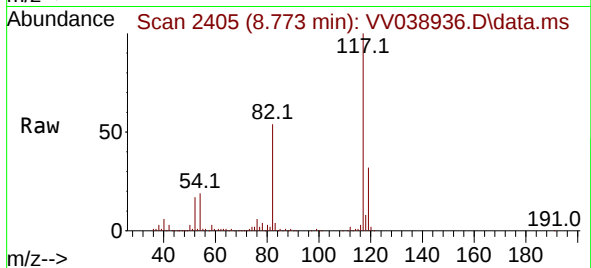
Tgt Ion:117 Resp: 768130

Ion Ratio Lower Upper

117 100

82 54.0 43.2 64.8

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 51.563 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Tgt Ion:164 Resp: 232454

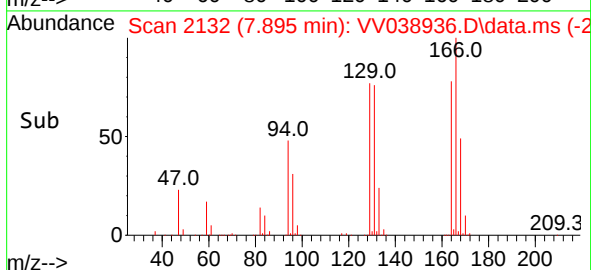
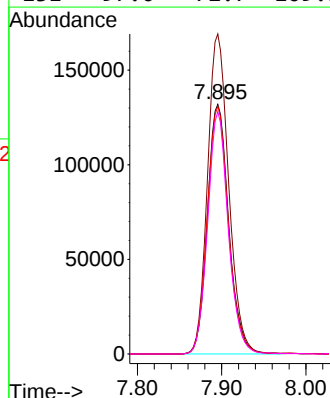
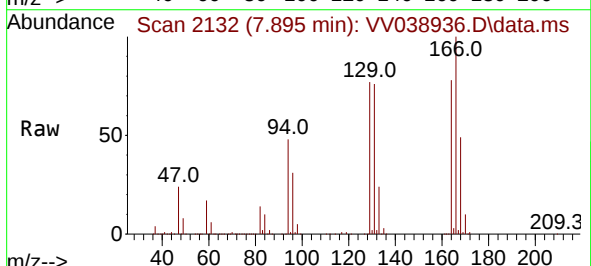
Ion Ratio Lower Upper

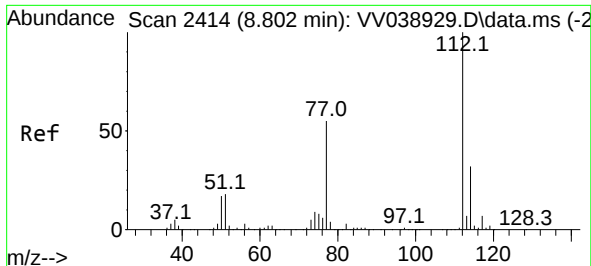
164 100

166 128.2 100.2 150.4

129 99.2 76.7 115.1

131 97.0 72.7 109.1

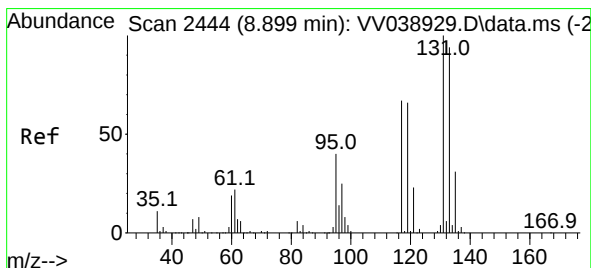
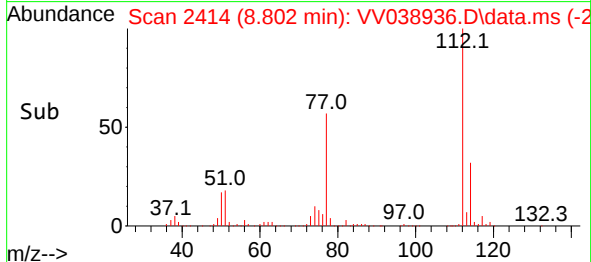
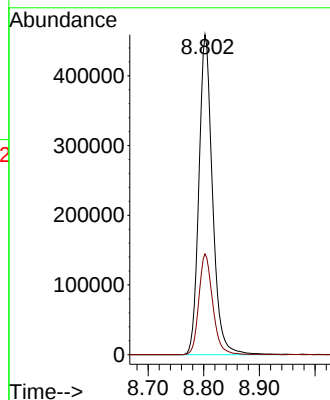
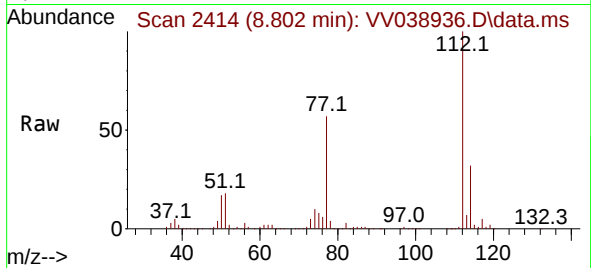




#65
Chlorobenzene
Concen: 51.900 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

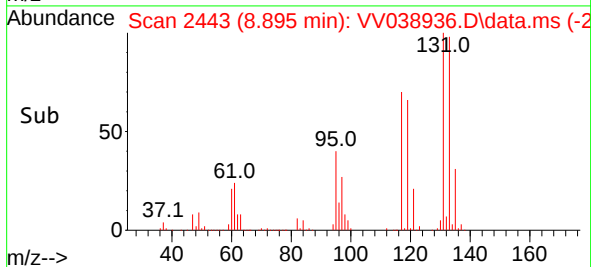
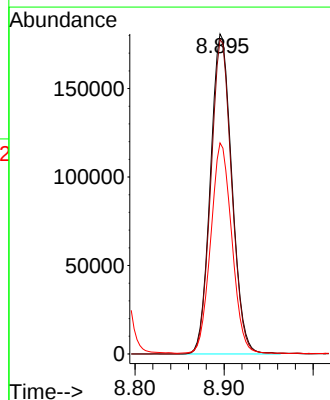
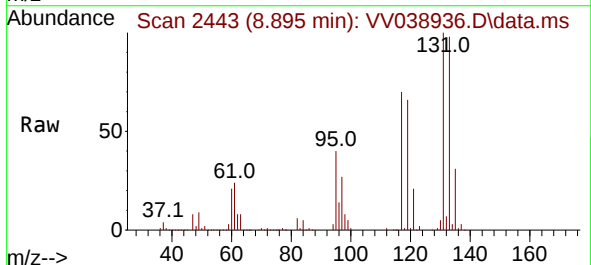
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

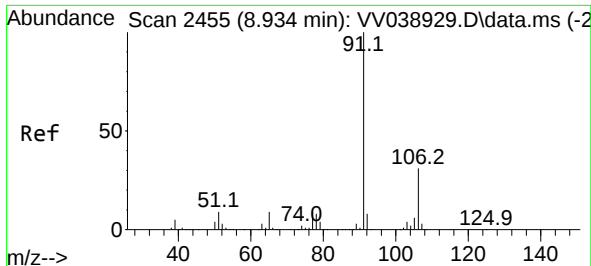
Tgt Ion:112 Resp: 779309
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.223 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion:131 Resp: 302528
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 64.5 32.8 98.3





#67

Ethyl Benzene

Concen: 57.219 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

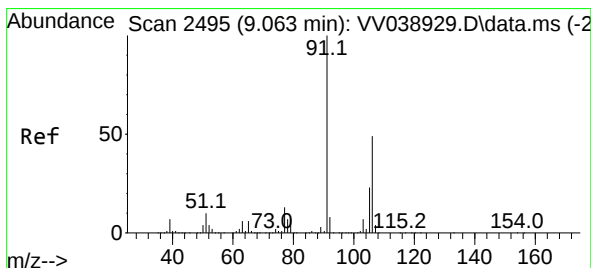
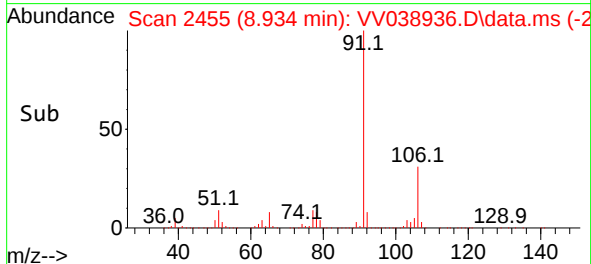
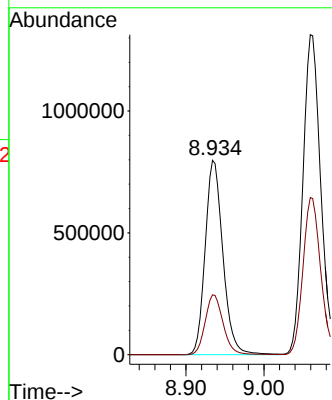
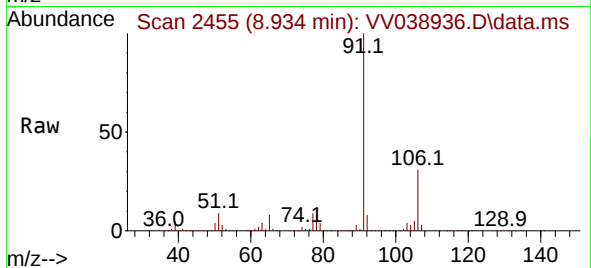
VSTDCCC050

Tgt Ion: 91 Resp: 1261954

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.6



#68

m/p-Xylenes

Concen: 120.875 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV038936.D

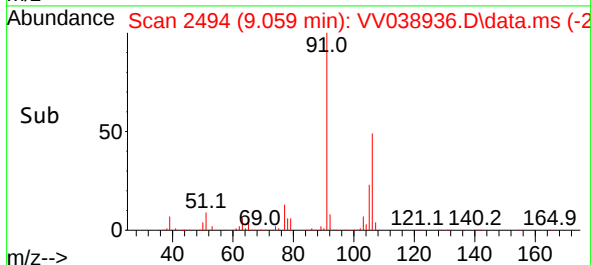
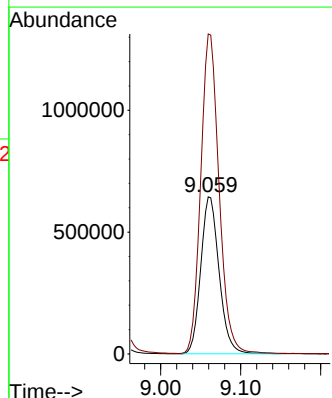
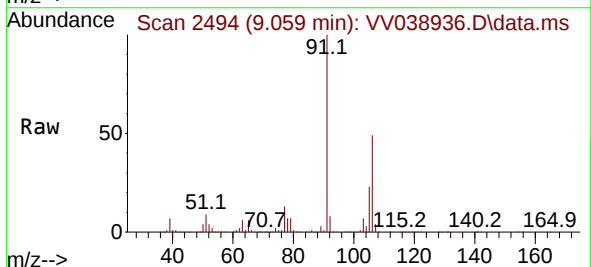
Acq: 11 Aug 2025 09:00

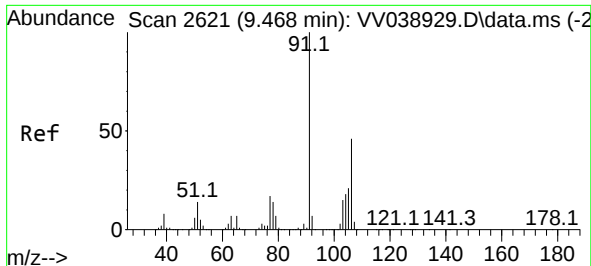
Tgt Ion: 106 Resp: 1027419

Ion Ratio Lower Upper

106 100

91 204.4 163.4 245.2

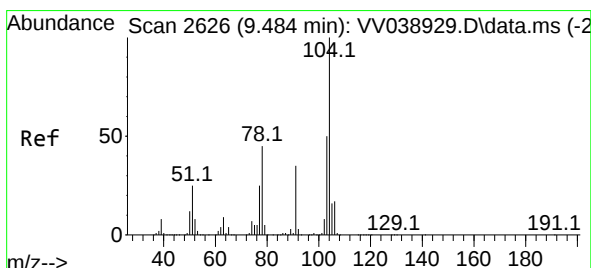
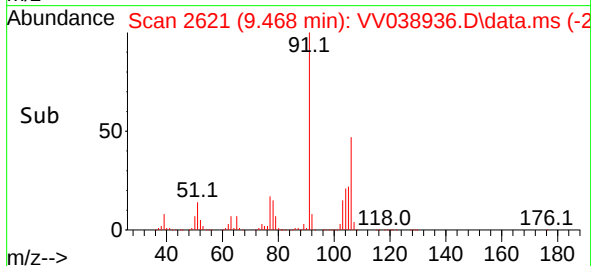
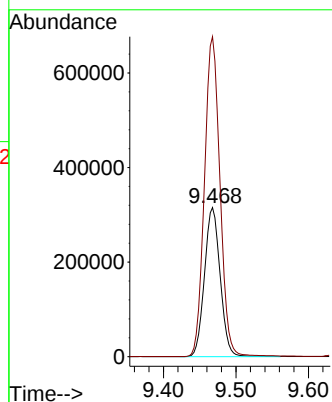
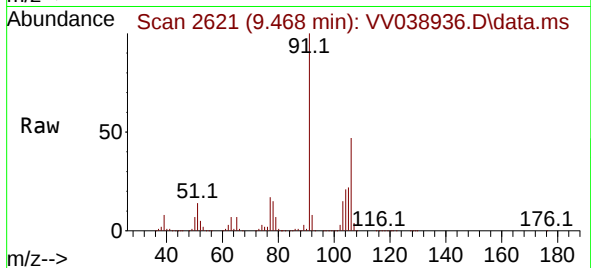




#69
o-Xylene
Concen: 59.334 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

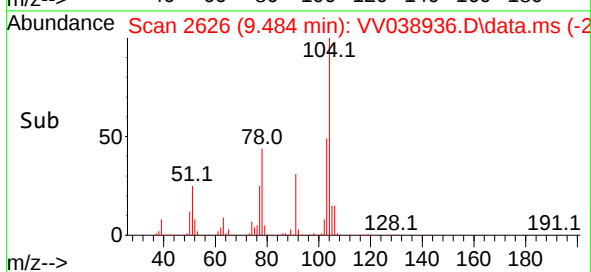
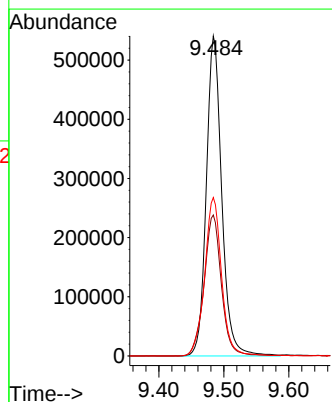
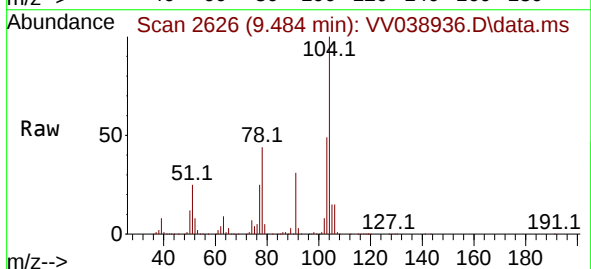
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

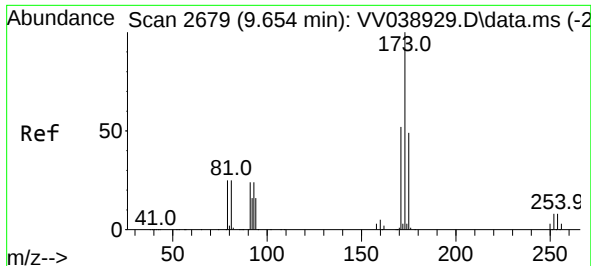
Tgt Ion:106 Resp: 474240
Ion Ratio Lower Upper
106 100
91 212.9 109.1 327.3



#70
Styrene
Concen: 62.346 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion:104 Resp: 897175
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.6
103 54.2 43.8 65.6

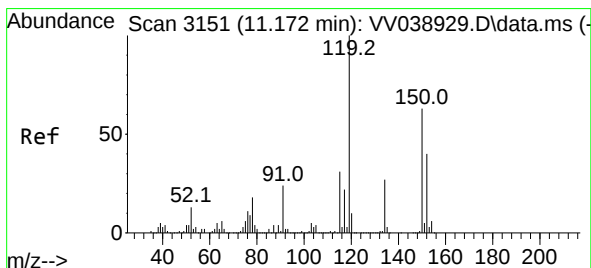
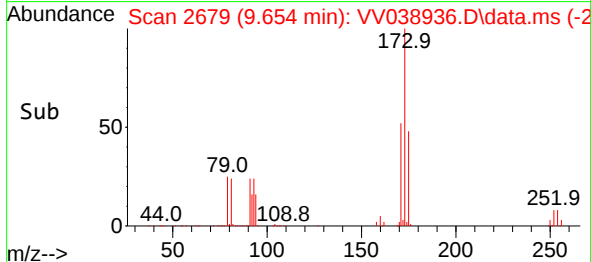
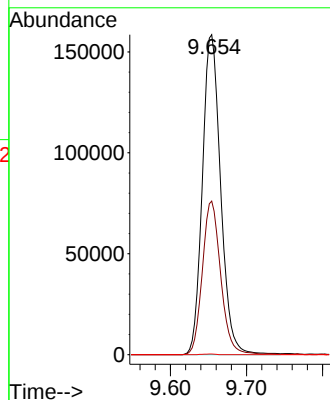
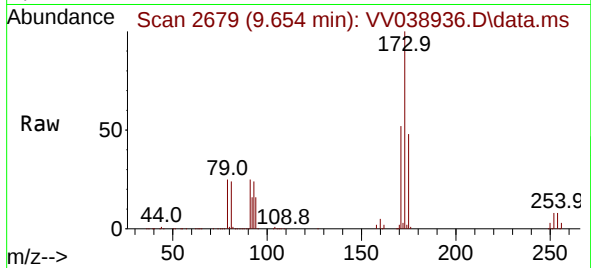




#71
Bromoform
Concen: 53.427 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

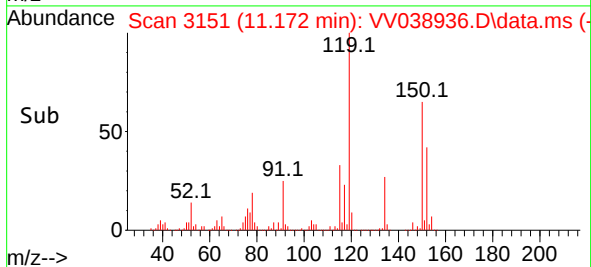
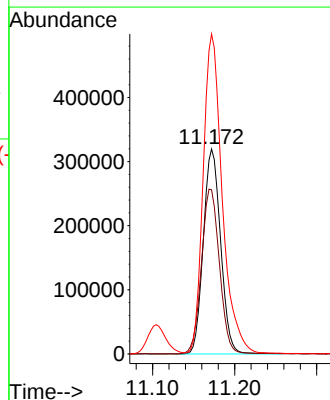
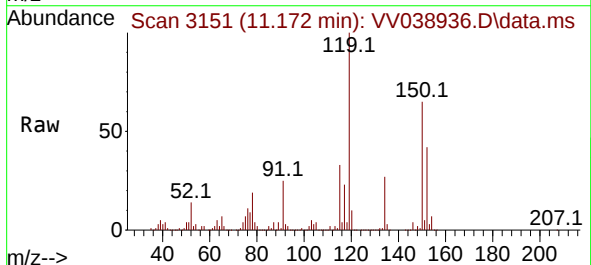
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

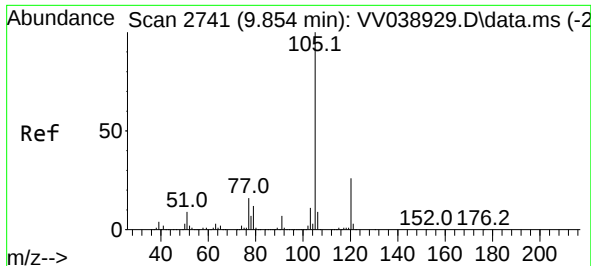
Tgt Ion:173 Resp: 265164
Ion Ratio Lower Upper
173 100
175 47.9 24.3 72.9
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion:152 Resp: 467269
Ion Ratio Lower Upper
152 100
115 83.3 41.0 123.2
150 172.5 0.0 345.4

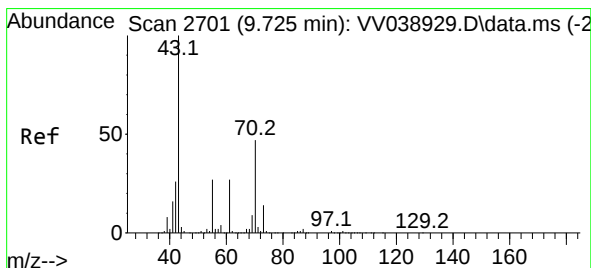
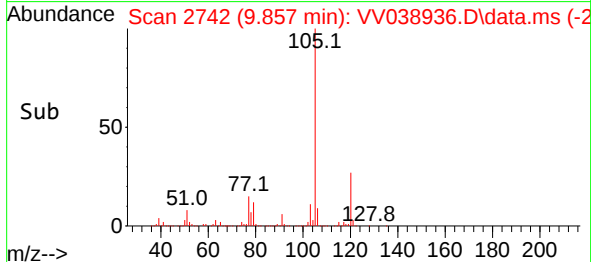
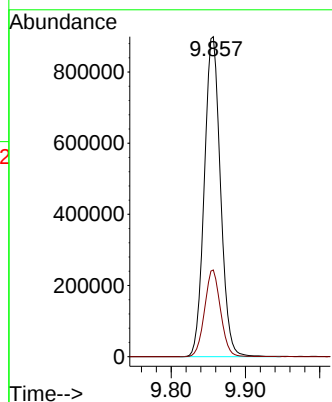
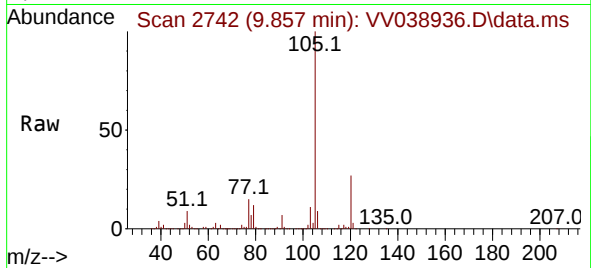




#73
Isopropylbenzene
Concen: 55.578 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

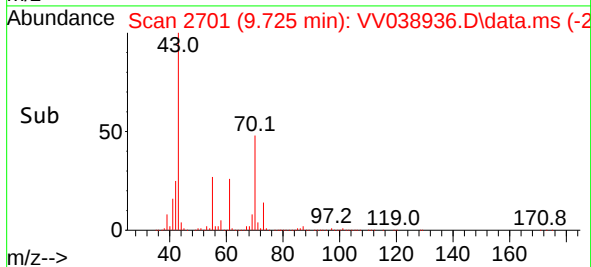
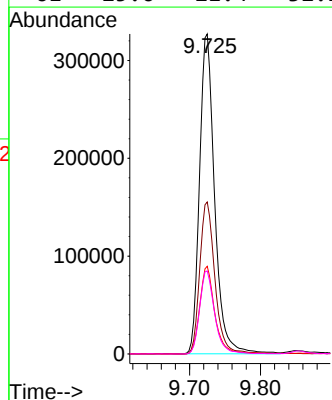
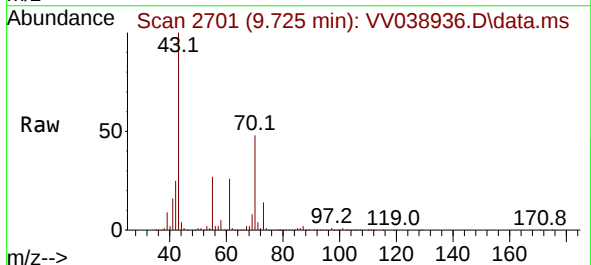
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

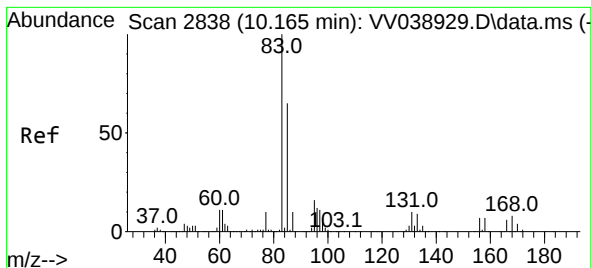
Tgt Ion:105 Resp: 1355515
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.8



#74
N-ethyl acetate
Concen: 56.528 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 43 Resp: 484495
Ion Ratio Lower Upper
43 100
70 47.8 37.4 56.0
55 27.4 22.1 33.1
61 25.6 21.4 32.2

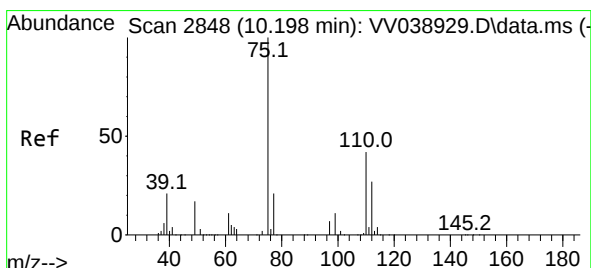
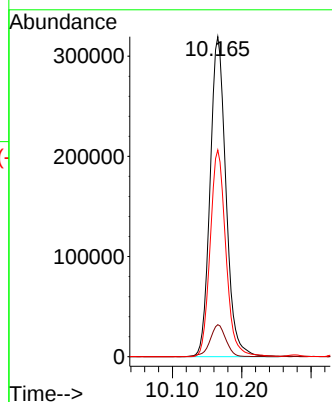
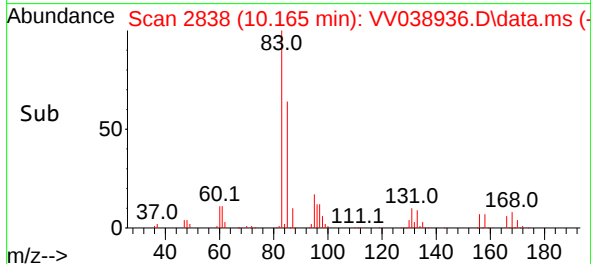
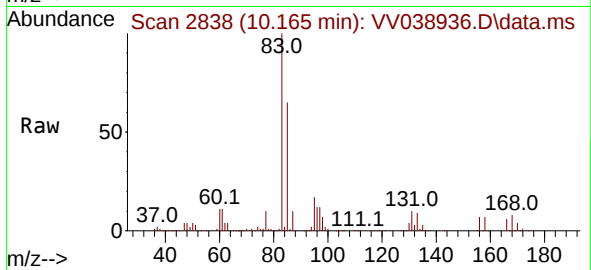




#75
1,1,2,2-Tetrachloroethane
Concen: 48.688 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

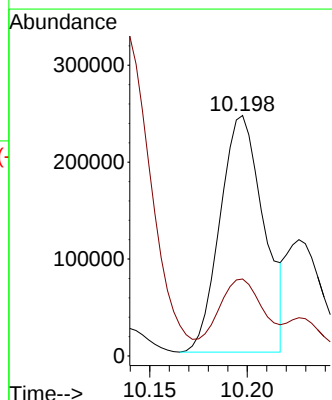
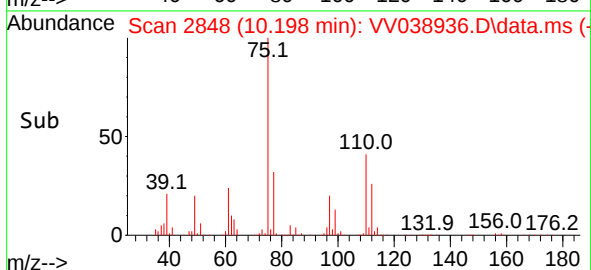
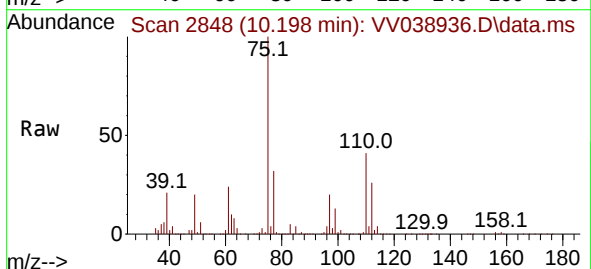
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

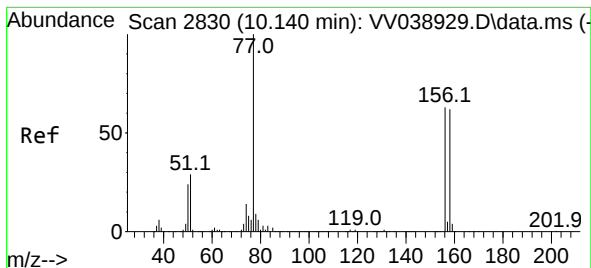
Tgt Ion: 83 Resp: 507716
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 63.8 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 49.945 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 75 Resp: 381313
Ion Ratio Lower Upper
75 100
77 23.4 11.9 35.9





#77

Bromobenzene

Concen: 51.562 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

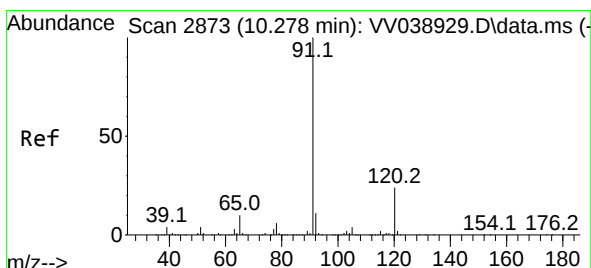
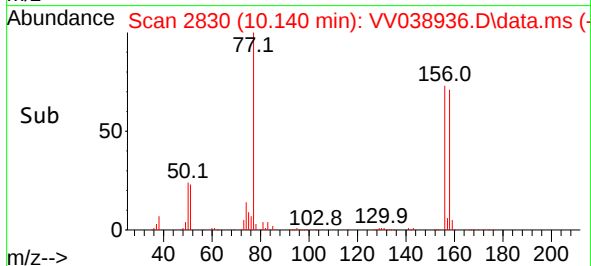
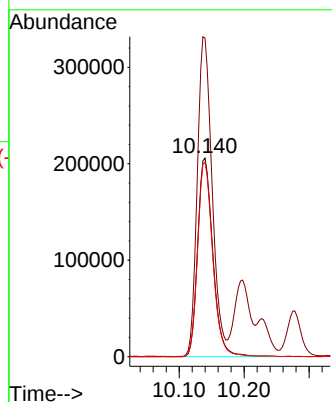
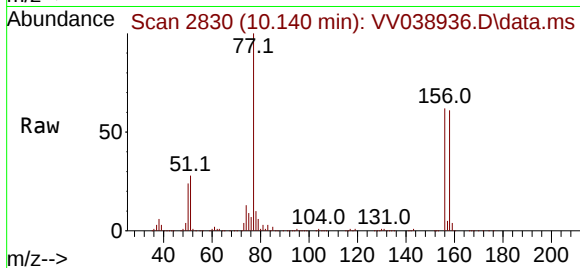
Tgt Ion:156 Resp: 337593

Ion Ratio Lower Upper

156 100

77 155.7 78.8 236.5

158 97.3 49.6 148.8



#78

n-propylbenzene

Concen: 57.821 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV038936.D

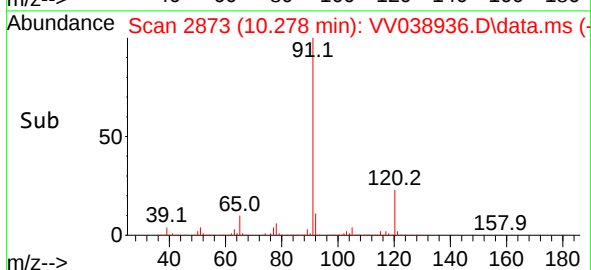
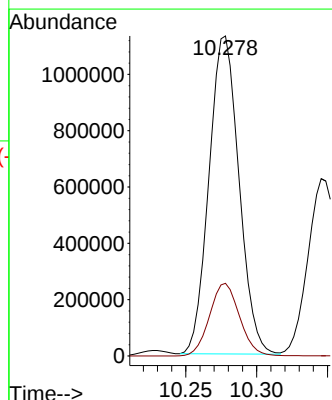
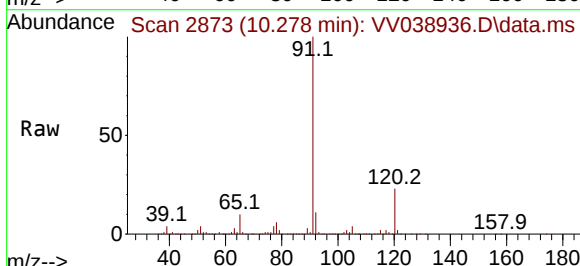
Acq: 11 Aug 2025 09:00

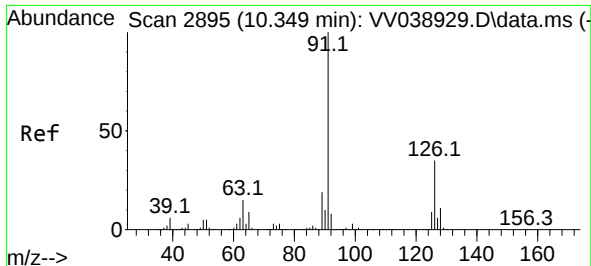
Tgt Ion: 91 Resp: 1663619

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.7

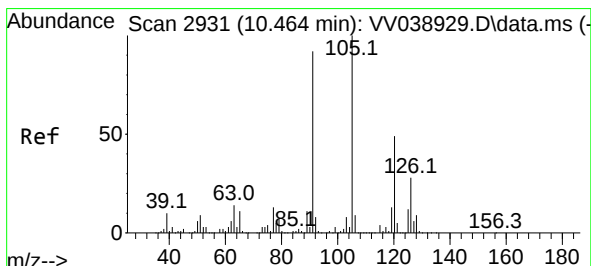
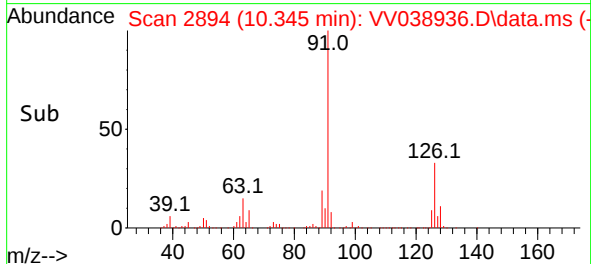
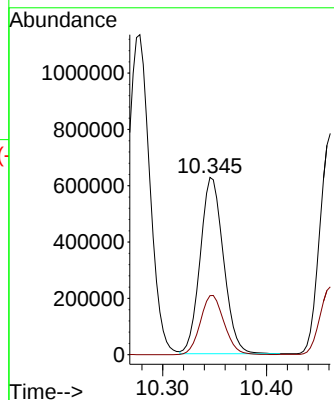
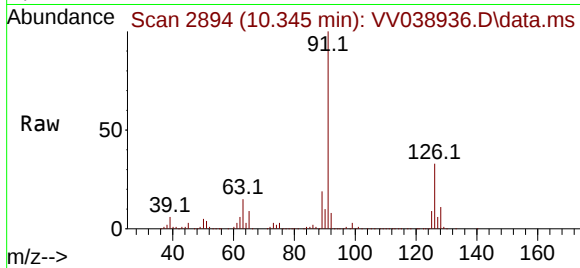




#79
2-Chlorotoluene
Concen: 55.247 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.003 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

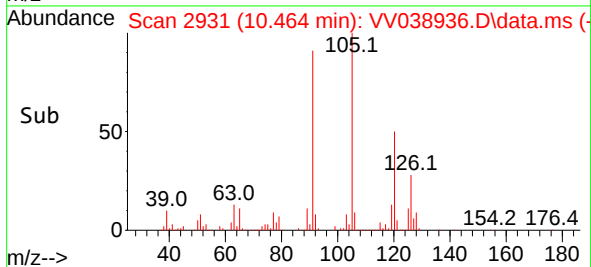
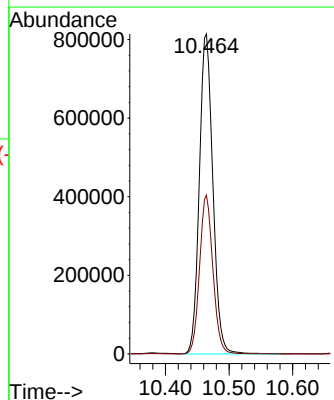
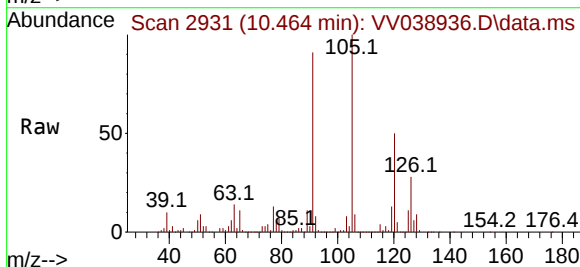
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

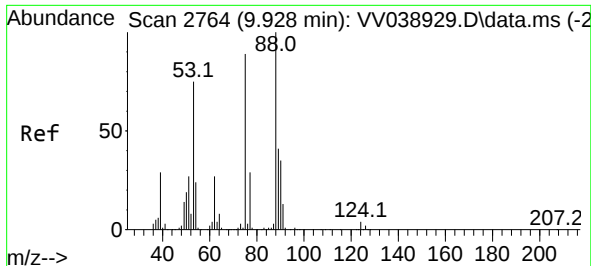
Tgt Ion: 91 Resp: 975651
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 58.333 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 105 Resp: 1200374
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6

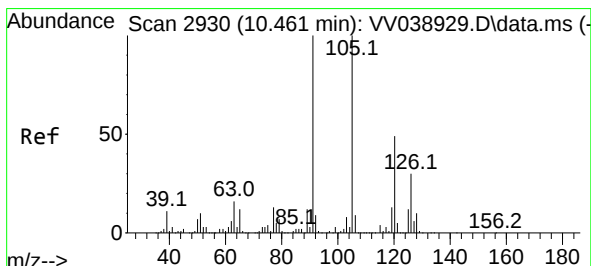
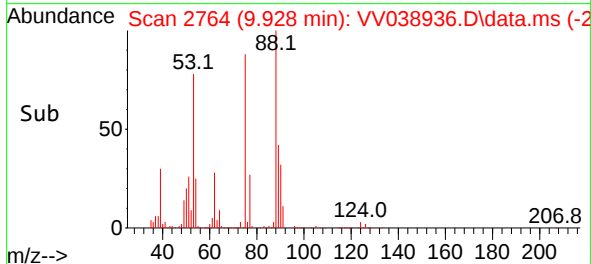
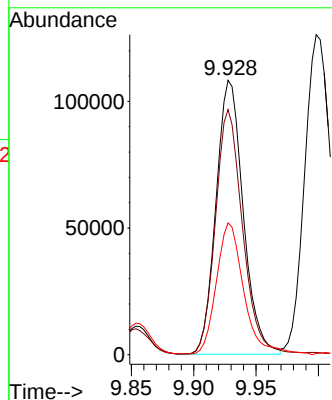
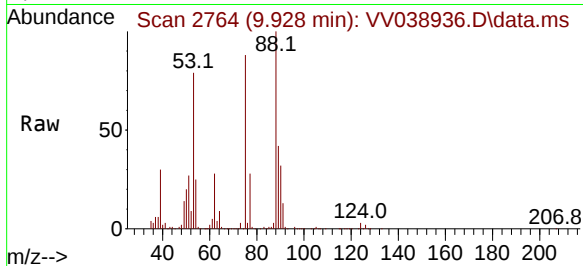




#81
trans-1,4-Dichloro-2-butene
Concen: 53.835 ug/l
RT: 9.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

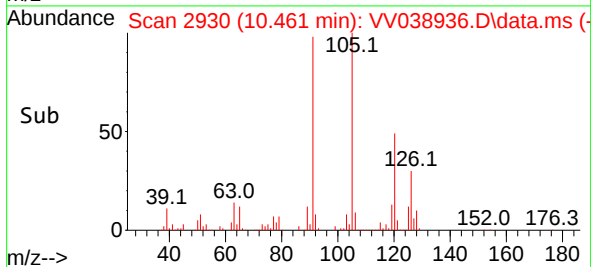
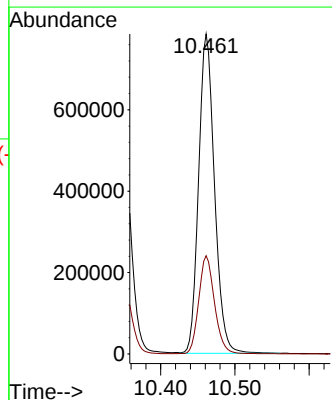
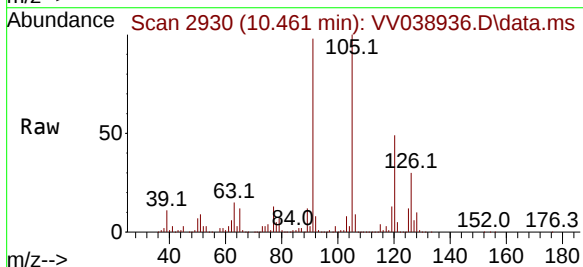
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

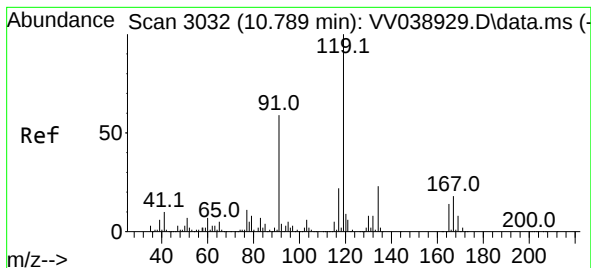
Tgt Ion: 75 Resp: 164164
Ion Ratio Lower Upper
75 100
53 88.9 69.0 103.4
89 48.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 56.517 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038936.D
Acq: 11 Aug 2025 09:00

Tgt Ion: 91 Resp: 1167294
Ion Ratio Lower Upper
91 100
126 30.7 15.0 45.0





#83

tert-Butylbenzene

Concen: 54.342 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

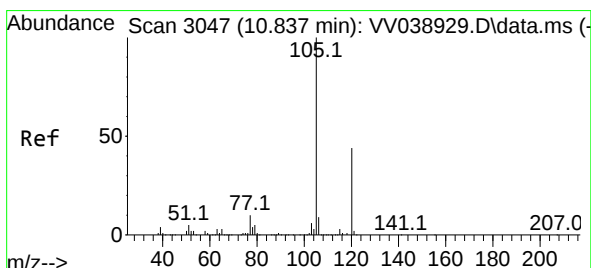
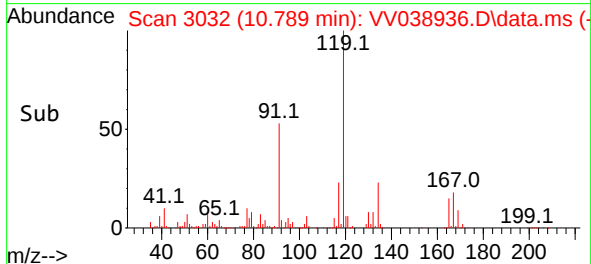
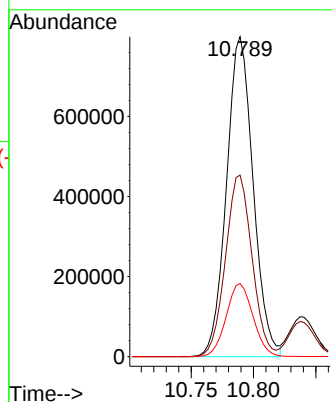
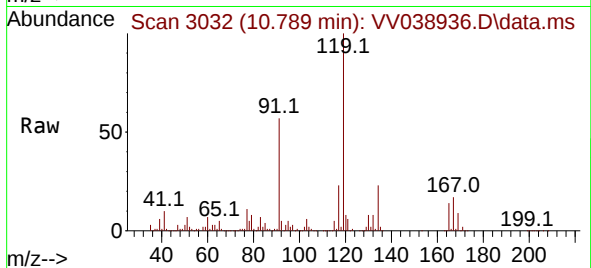
Tgt Ion:119 Resp: 1191238

Ion Ratio Lower Upper

119 100

91 56.5 28.5 85.5

134 23.1 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 58.741 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV038936.D

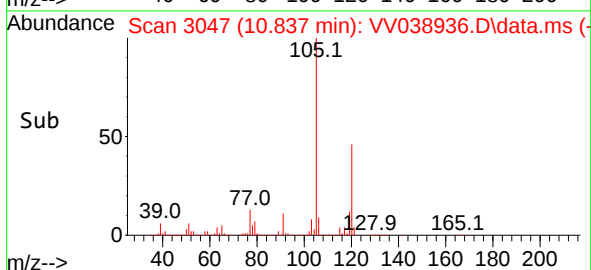
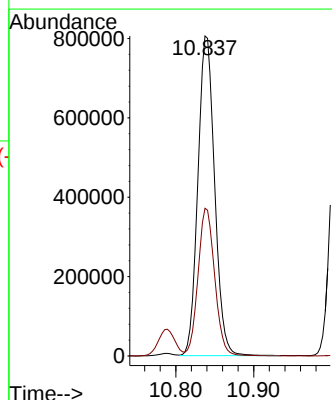
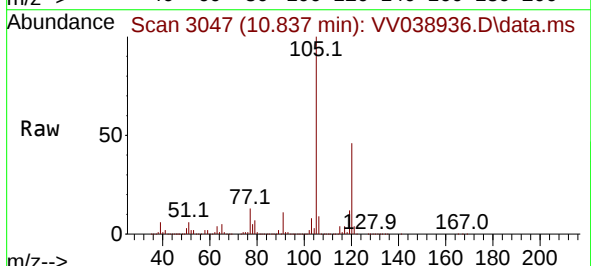
Acq: 11 Aug 2025 09:00

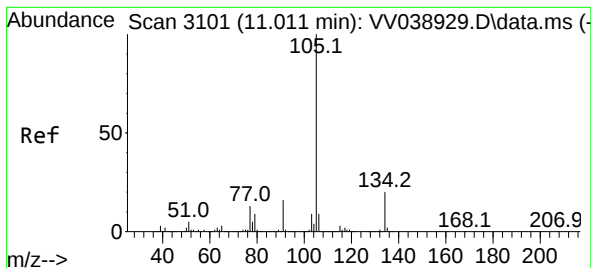
Tgt Ion:105 Resp: 1199650

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.5





#85

sec-Butylbenzene

Concen: 56.513 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

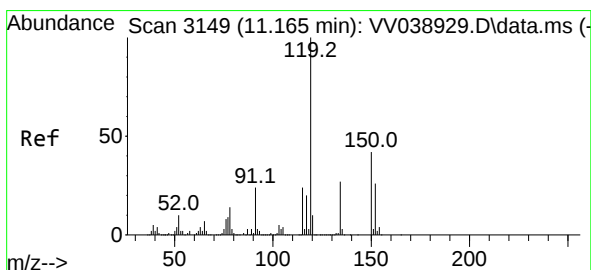
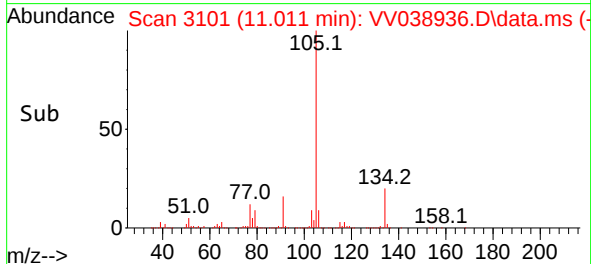
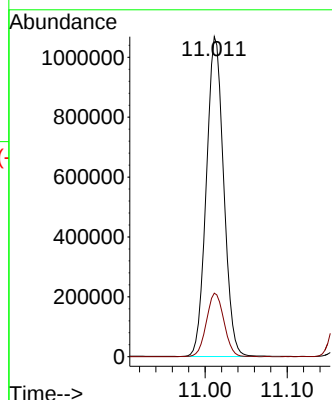
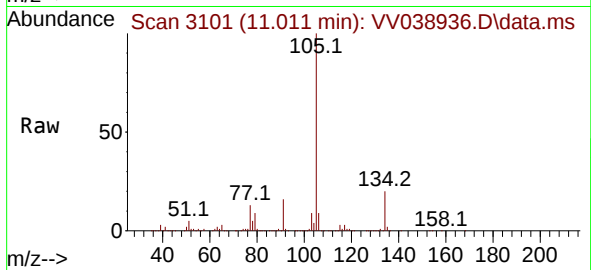
VSTDCCC050

Tgt Ion:105 Resp: 1565350

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.262 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

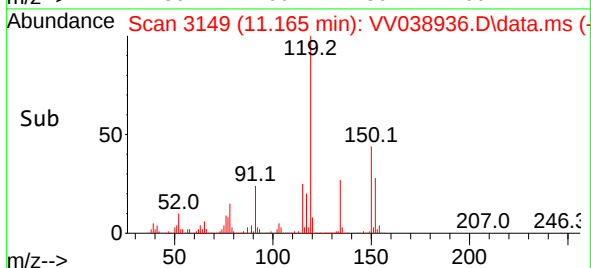
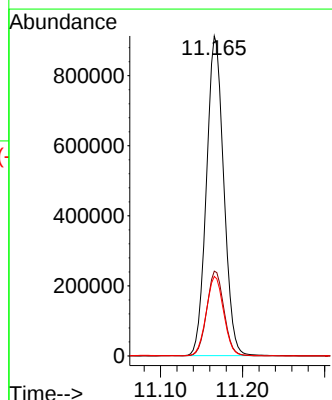
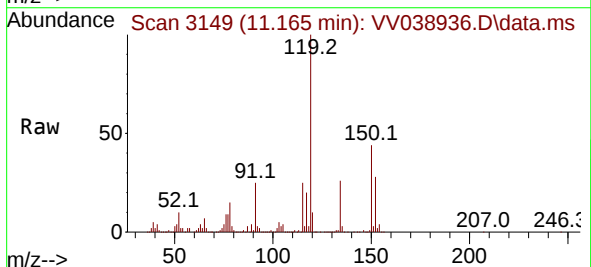
Tgt Ion:119 Resp: 1333439

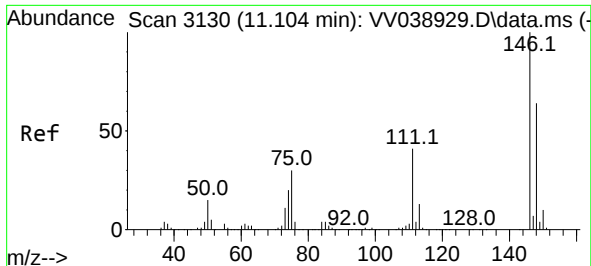
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

91 25.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 51.063 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

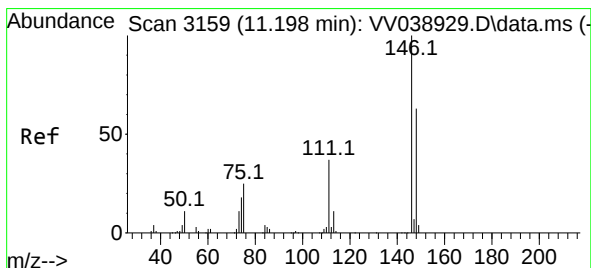
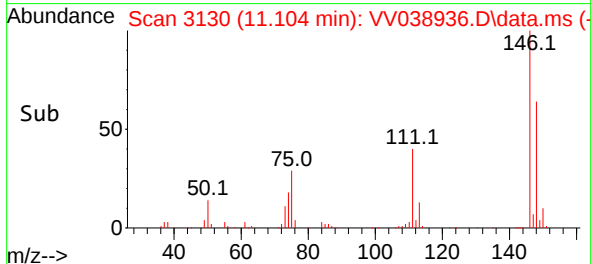
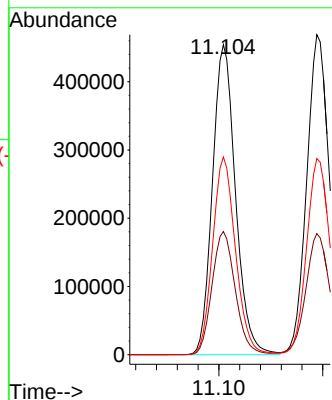
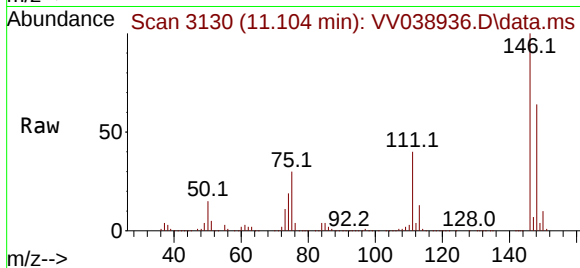
Tgt Ion:146 Resp: 698843

Ion Ratio Lower Upper

146 100

111 40.0 20.4 61.2

148 63.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 48.997 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.003 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

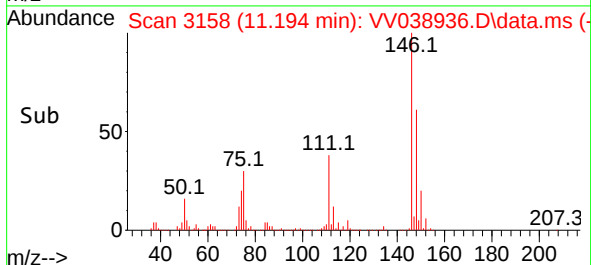
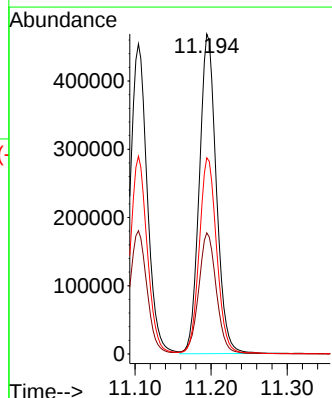
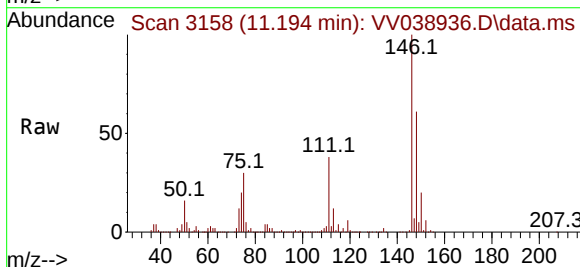
Tgt Ion:146 Resp: 729595

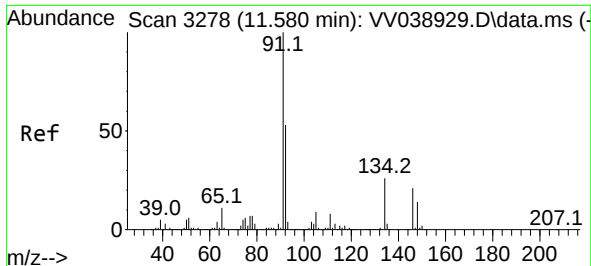
Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 62.0 31.4 94.2





#89

n-Butylbenzene

Concen: 57.231 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

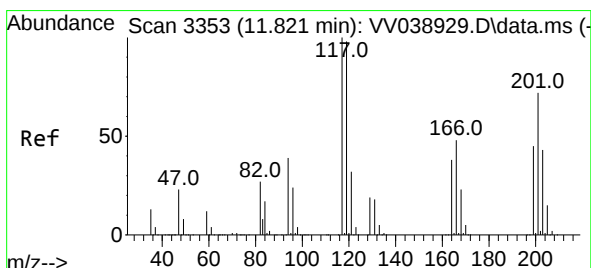
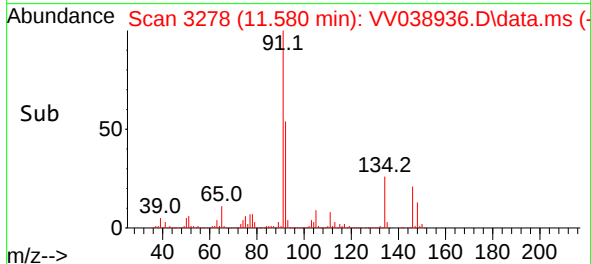
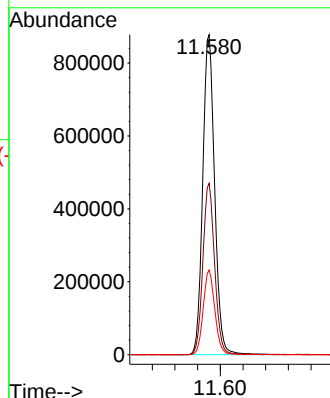
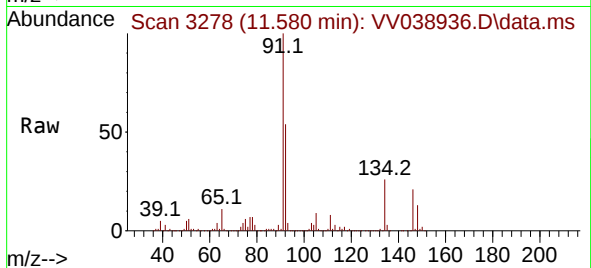
Tgt Ion: 91 Resp: 1276640

Ion Ratio Lower Upper

91 100

92 53.1 26.2 78.6

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 49.778 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038936.D

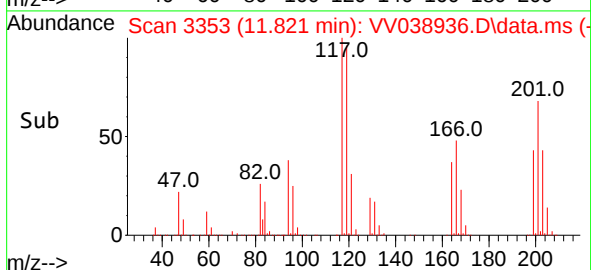
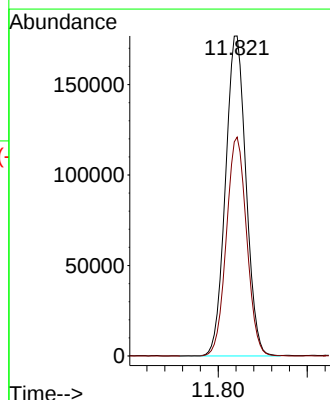
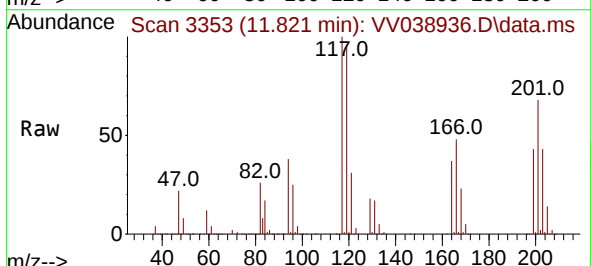
Acq: 11 Aug 2025 09:00

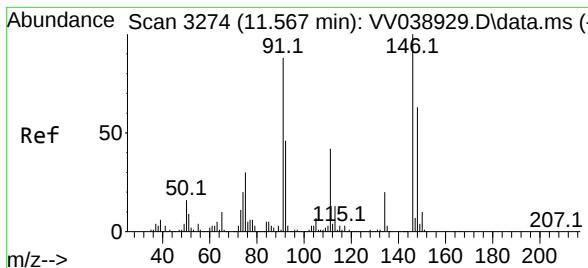
Tgt Ion: 117 Resp: 283335

Ion Ratio Lower Upper

117 100

201 67.6 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 51.484 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

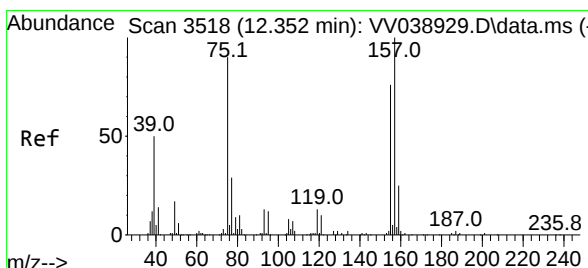
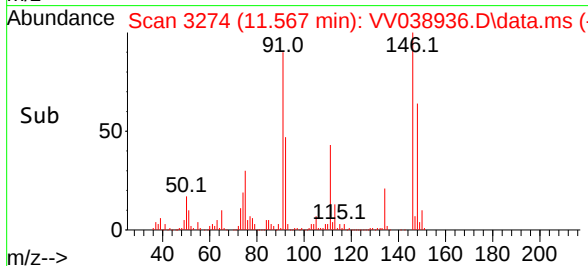
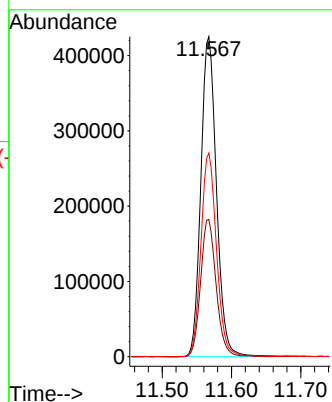
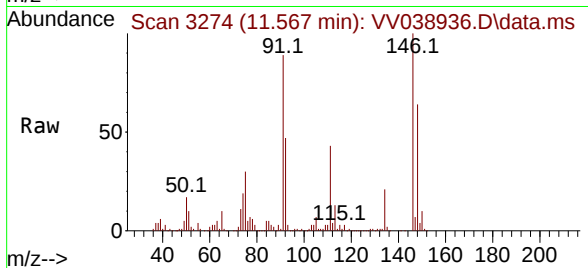
Tgt Ion:146 Resp: 666021

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.3

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.612 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

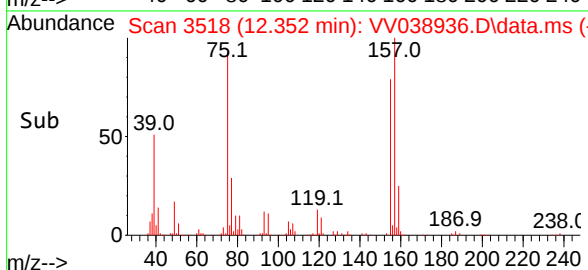
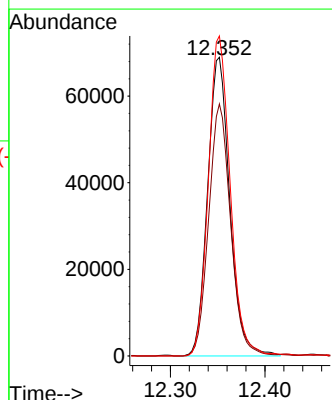
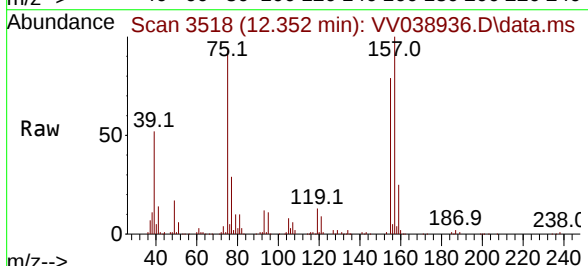
Tgt Ion: 75 Resp: 112560

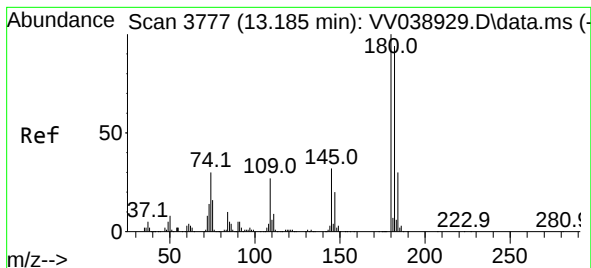
Ion Ratio Lower Upper

75 100

155 83.3 41.4 124.2

157 105.9 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 52.719 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

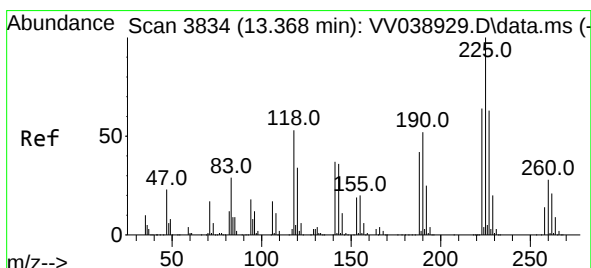
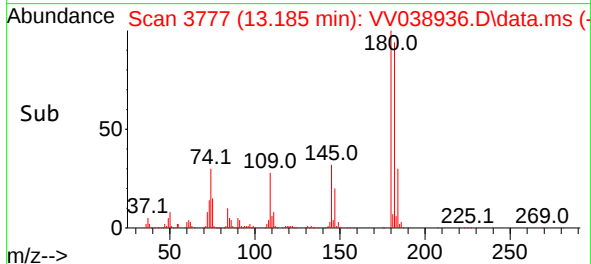
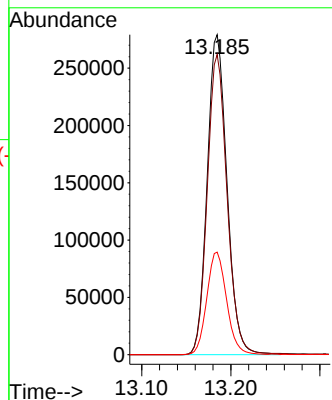
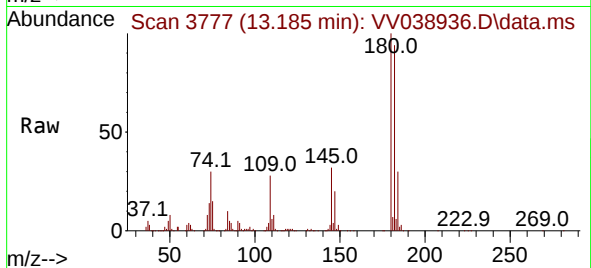
Tgt Ion:180 Resp: 430162

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 32.1 15.9 47.6



#94

Hexachlorobutadiene

Concen: 47.307 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

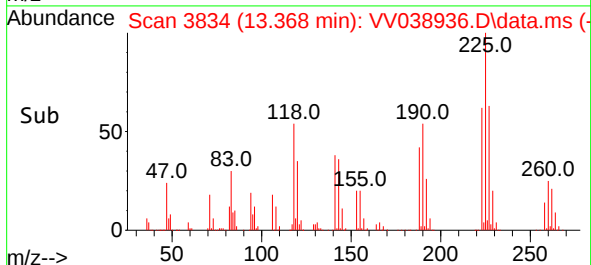
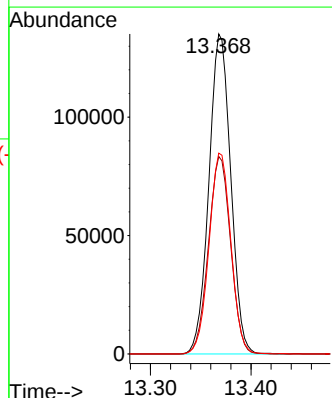
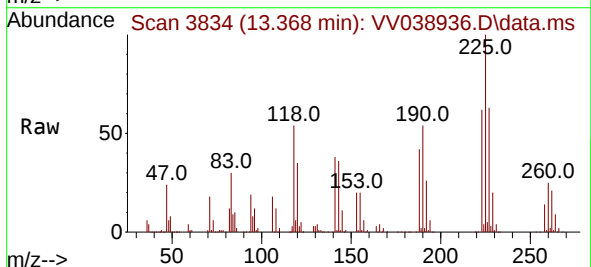
Tgt Ion:225 Resp: 203963

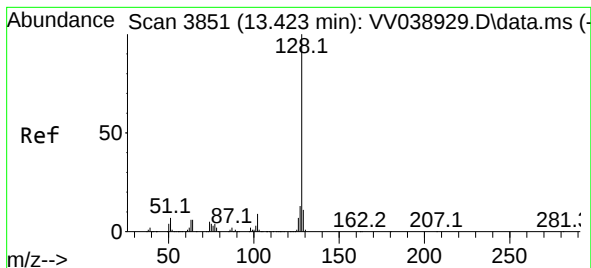
Ion Ratio Lower Upper

225 100

223 62.6 32.0 96.0

227 62.6 31.3 93.9





#95

Naphthalene

Concen: 57.114 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

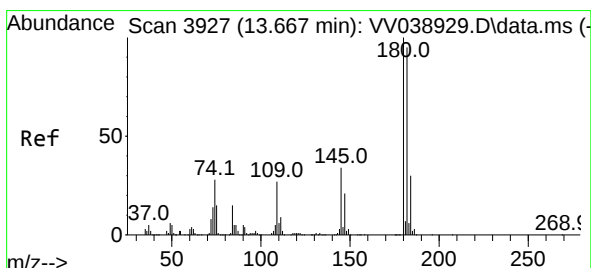
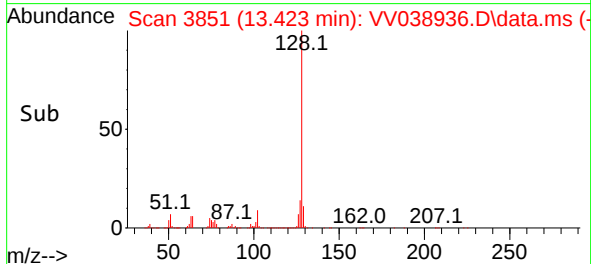
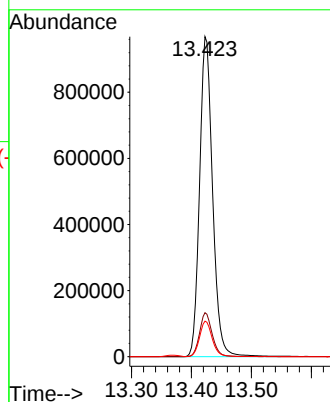
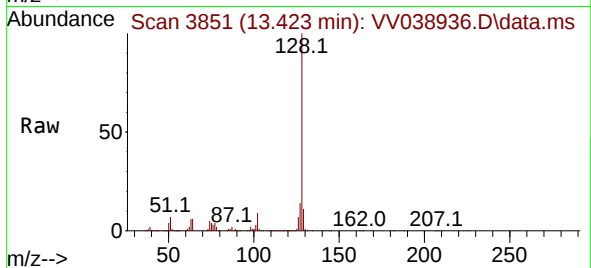
Tgt Ion:128 Resp: 1462327

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.071 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV038936.D

Acq: 11 Aug 2025 09:00

Tgt Ion:180 Resp: 443143

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.5

145 34.4 17.1 51.3

