

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038929.D
 Acq On : 08 Aug 2025 11:28
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 11 05:05:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	548175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	841488	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	801001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	483421	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.937	65	370115	46.949	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	93.900%
35) Dibromofluoromethane	4.497	113	311706	48.827	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.660%
50) Toluene-d8	7.233	98	1116404	50.494	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.980%
62) 4-Bromofluorobenzene	9.998	95	419773	52.718	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	105.440%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.118	85	186042	50.442	ug/l	100
3) Chloromethane	1.230	50	167443	47.582	ug/l	100
4) Vinyl Chloride	1.294	62	211763	48.973	ug/l	100
5) Bromomethane	1.487	94	156677	46.223	ug/l	100
6) Chloroethane	1.555	64	151816	48.813	ug/l	100
7) Trichlorofluoromethane	1.722	101	416901	48.685	ug/l	100
8) Diethyl Ether	1.915	74	153532	48.081	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	253687	46.376	ug/l	100
10) Methyl Iodide	2.195	142	300085	48.547	ug/l	100
11) Tert butyl alcohol	2.568	59	316495	237.378	ug/l	100
12) 1,1-Dichloroethene	2.079	96	213979	47.199	ug/l	100
13) Acrolein	2.005	56	217048	236.486	ug/l	100
14) Allyl chloride	2.355	41	370063	46.678	ug/l	100
15) Acrylonitrile	2.671	53	808983	229.826	ug/l	100
16) Acetone	2.118	43	641812	226.802	ug/l	100
17) Carbon Disulfide	2.249	76	360325	49.220	ug/l	100
18) Methyl Acetate	2.375	43	566131	49.134	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	890587	47.744	ug/l	100
20) Methylene Chloride	2.452	84	269665	49.954	ug/l	100
21) trans-1,2-Dichloroethene	2.700	96	228762	46.425	ug/l	100
22) Diisopropyl ether	3.214	45	818936	51.081	ug/l	100
23) Vinyl Acetate	3.185	43	2981723	250.366	ug/l	100
24) 1,1-Dichloroethane	3.114	63	481161	46.797	ug/l	100
25) 2-Butanone	3.863	43	932104	259.159	ug/l	100
26) 2,2-Dichloropropane	3.806	77	436145	47.873	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	291035	49.022	ug/l	100
28) Bromochloromethane	4.143	49	153971	51.009	ug/l	100
29) Tetrahydrofuran	4.233	42	597954	250.424	ug/l	100
30) Chloroform	4.275	83	535954	47.906	ug/l	100
31) Cyclohexane	4.584	56	294843	46.554	ug/l	100
32) 1,1,1-Trichloroethane	4.507	97	464497	48.274	ug/l	100
36) 1,1-Dichloropropene	4.741	75	286505	50.890	ug/l	100
37) Ethyl Acetate	3.973	43	341423	46.175	ug/l	100
38) Carbon Tetrachloride	4.732	117	390220	51.929	ug/l	100
39) Methylcyclohexane	6.043	83	332359	53.952	ug/l	100
40) Benzene	5.008	78	987210	52.709	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	175424	57.804	ug/l	100
42) 1,2-Dichloroethane	5.037	62	363953	50.015	ug/l	100
43) Isopropyl Acetate	5.191	43	553283	52.995	ug/l	100
44) Trichloroethene	5.828	130	257519	52.253	ug/l	100
45) 1,2-Dichloropropane	6.088	63	267695	52.854	ug/l	100
46) Dibromomethane	6.223	93	199245	51.460	ug/l	100
47) Bromodichloromethane	6.426	83	438252	50.947	ug/l	100
48) Methyl methacrylate	6.294	41	262910	59.030	ug/l	100
49) 1,4-Dioxane	6.285	88	102879	1041.551	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	2000656	276.456	ug/l	100
52) Toluene	7.307	92	660546	55.861	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	413816	54.989	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	436050	53.075	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	295621	51.088	ug/l	100
56) Ethyl methacrylate	7.715	69	418518	50.479	ug/l	100
57) 1,3-Dichloropropane	7.934	76	469660	53.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	954473	281.113	ug/l	100
59) 2-Hexanone	8.063	43	1506110	288.326	ug/l	100
60) Dibromochloromethane	8.166	129	370817	52.333	ug/l	100
61) 1,2-Dibromoethane	8.272	107	301999	52.574	ug/l	100
64) Tetrachloroethene	7.895	164	234446	49.870	ug/l	100
65) Chlorobenzene	8.802	112	795656	50.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	306675	49.794	ug/l	100
67) Ethyl Benzene	8.934	91	1284470	55.850	ug/l	100
68) m/p-Xylenes	9.063	106	1034493	116.713	ug/l	100
69) o-Xylene	9.468	106	477138	57.247	ug/l	100
70) Styrene	9.484	104	891782	59.428	ug/l	100
71) Bromoform	9.654	173	266100	51.415	ug/l #	100
73) Isopropylbenzene	9.854	105	1379296	54.664	ug/l	100
74) N-amyl acetate	9.725	43	492549	55.548	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	499926	46.339	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	379820	48.053	ug/l	100
77) Bromobenzene	10.140	156	338321	49.947	ug/l	100
78) n-propylbenzene	10.278	91	1658390	55.713	ug/l	100
79) 2-Chlorotoluene	10.349	91	988277	54.092	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1203686	56.540	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	168986	53.565	ug/l	100
82) 4-Chlorotoluene	10.461	91	1177395	55.101	ug/l	100
83) tert-Butylbenzene	10.789	119	1215717	53.606	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1210004	57.269	ug/l	100
85) sec-Butylbenzene	11.011	105	1587231	55.388	ug/l	100
86) p-Isopropyltoluene	11.165	119	1376863	55.155	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	704381	49.748	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	735407	47.694	ug/l	100
89) n-Butylbenzene	11.580	91	1301806	56.409	ug/l	100
90) Hexachloroethane	11.821	117	281975	47.884	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	674037	50.363	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	114756	48.566	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	447722	53.038	ug/l	100
94) Hexachlorobutadiene	13.368	225	210960	47.295	ug/l	100
95) Naphthalene	13.423	128	1509967	57.004	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	463361	53.638	ug/l	100

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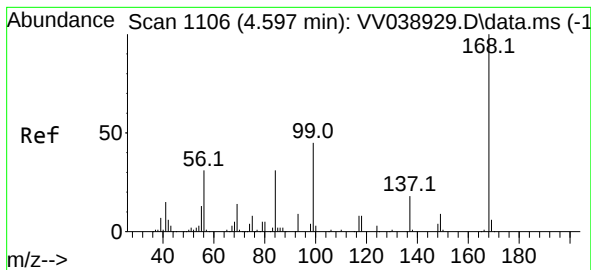
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

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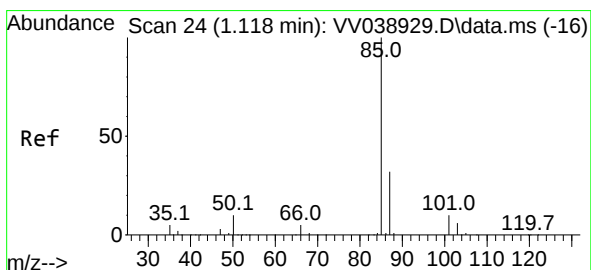
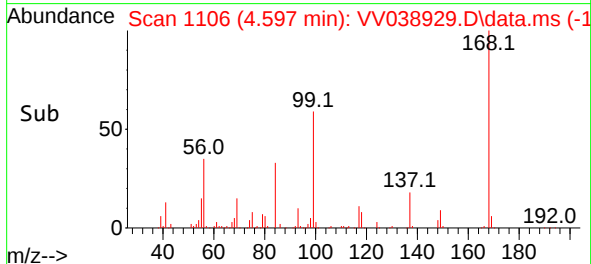
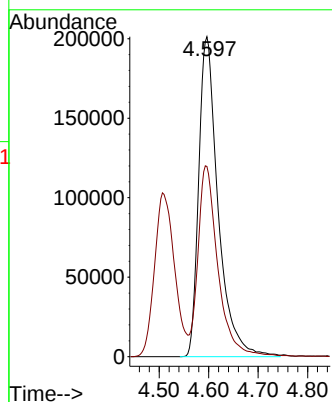
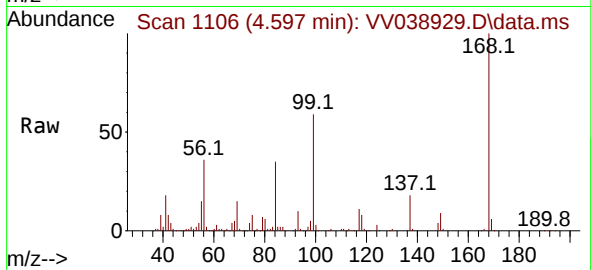
VSTDICCC050

Tgt Ion:168 Resp: 548175

Ion Ratio Lower Upper

168 100

99 59.1 47.3 70.9



#2

Dichlorodifluoromethane

Concen: 50.442 ug/l

RT: 1.118 min Scan# 24

Delta R.T. 0.000 min

Lab File: VV038929.D

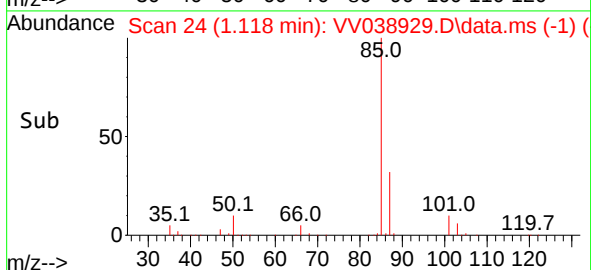
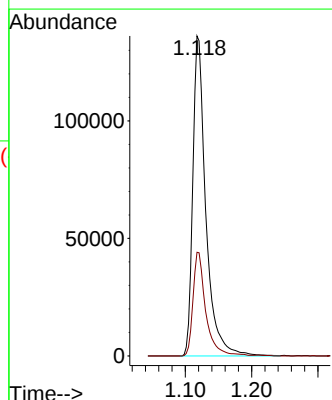
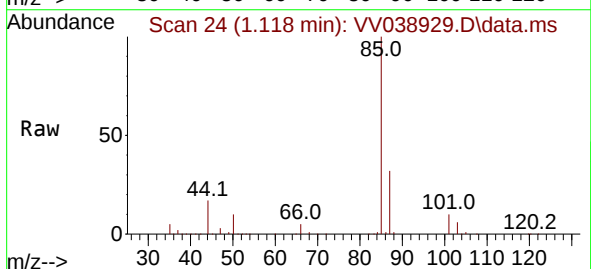
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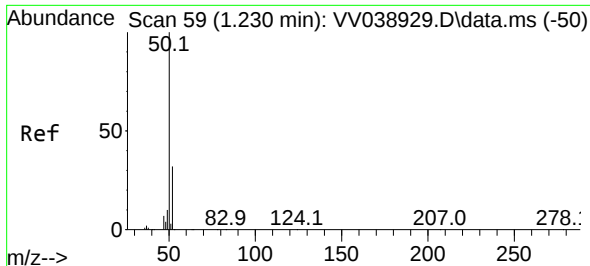
Tgt Ion: 85 Resp: 186042

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6

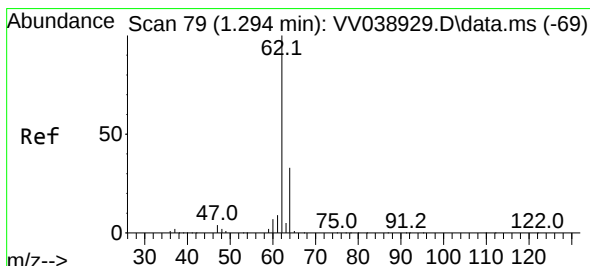
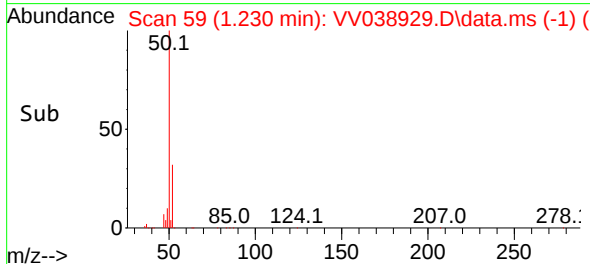
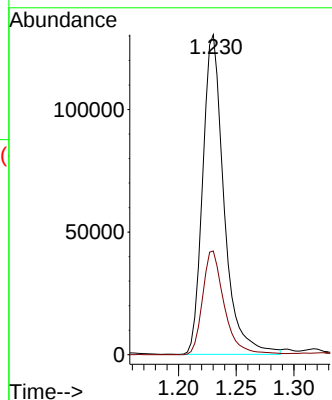
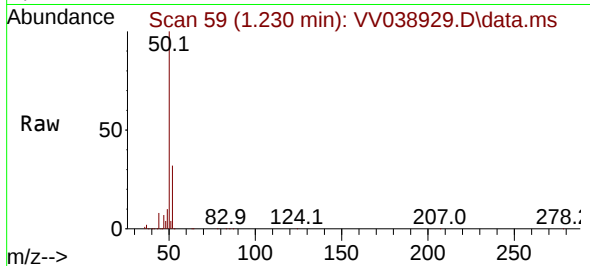




#3
Chloromethane
Concen: 47.582 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038929.D
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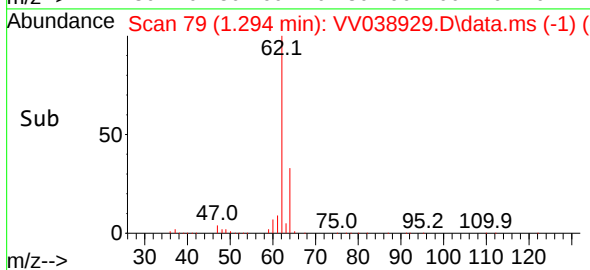
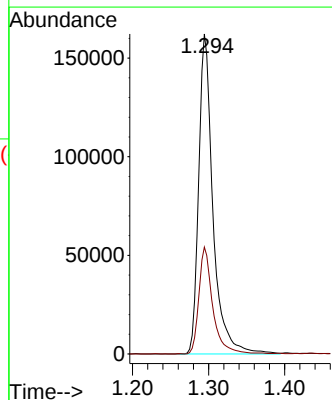
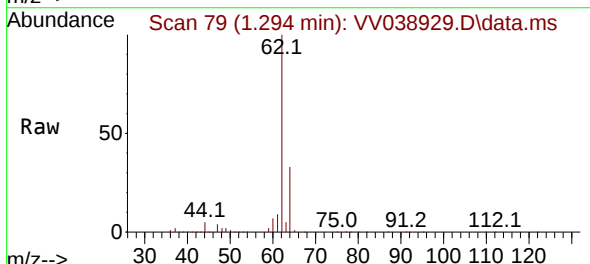
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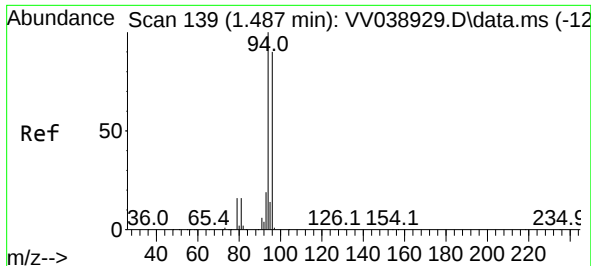
Tgt Ion: 50 Resp: 167443
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 48.973 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 62 Resp: 211763
Ion Ratio Lower Upper
62 100
64 33.3 26.6 40.0

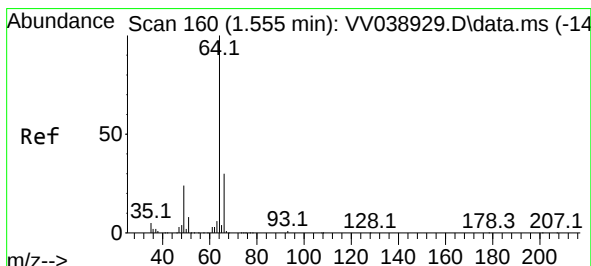
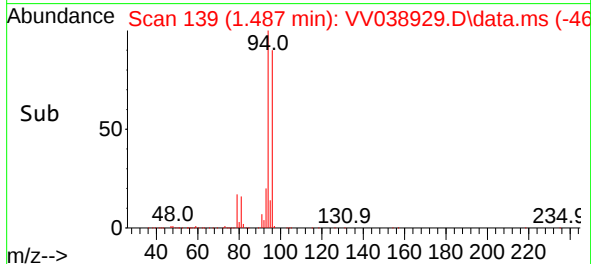
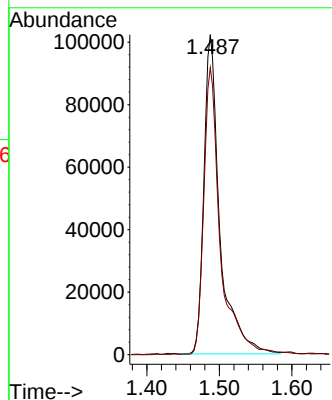
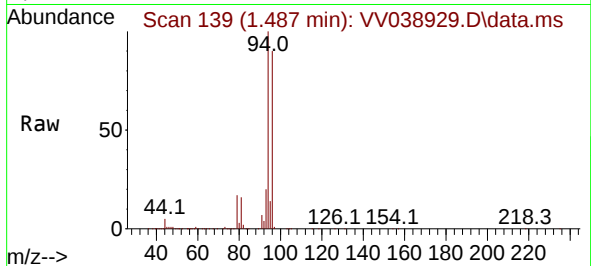




#5
Bromomethane
Concen: 46.223 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

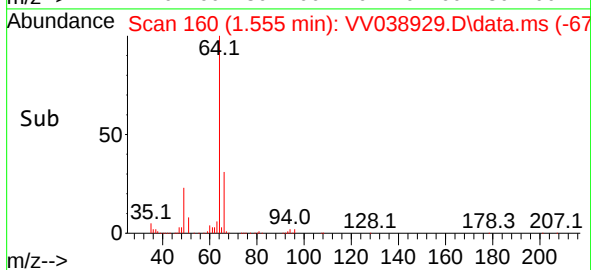
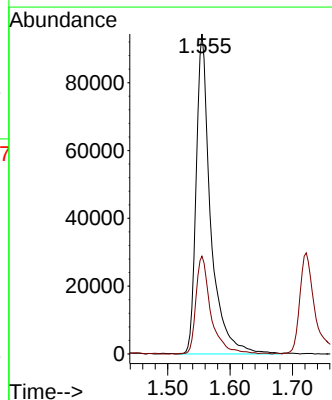
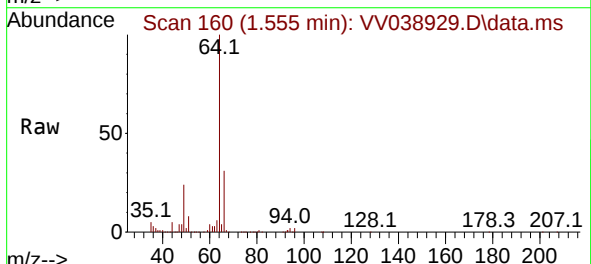
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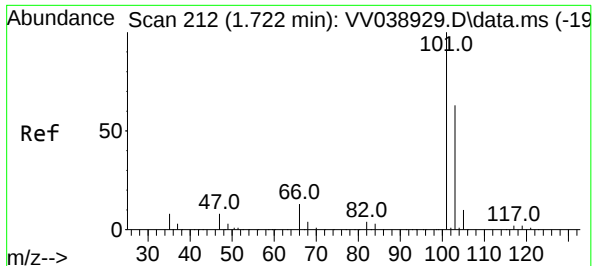
Tgt Ion: 94 Resp: 156677
Ion Ratio Lower Upper
94 100
96 89.8 71.8 107.8



#6
Chloroethane
Concen: 48.813 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 64 Resp: 151816
Ion Ratio Lower Upper
64 100
66 30.4 24.3 36.5

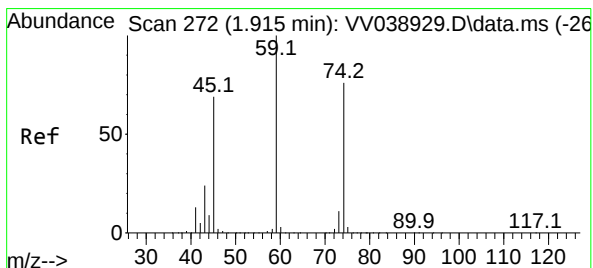
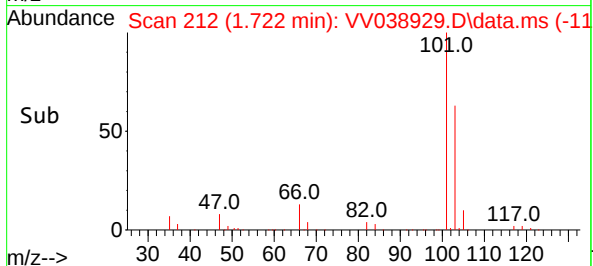
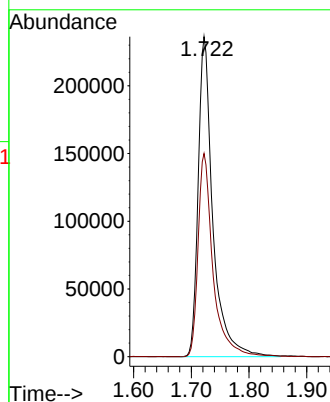
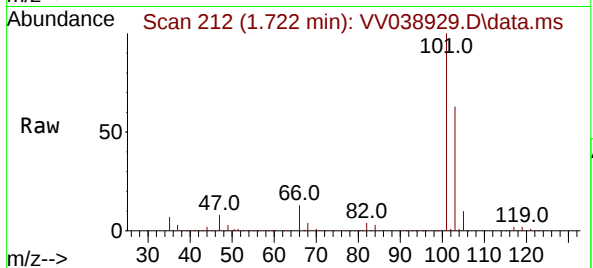




#7
 Trichlorofluoromethane
 Concen: 48.685 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038929.D
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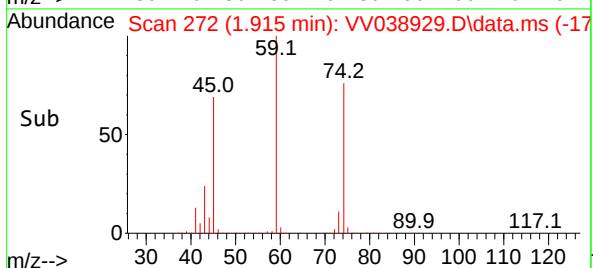
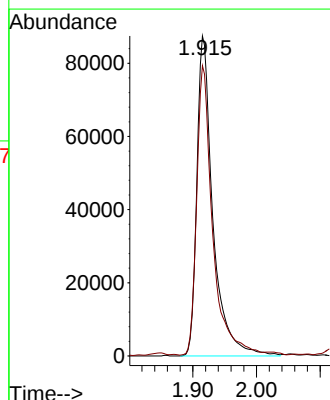
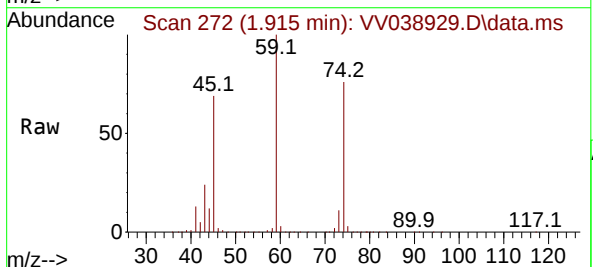
Instrument :
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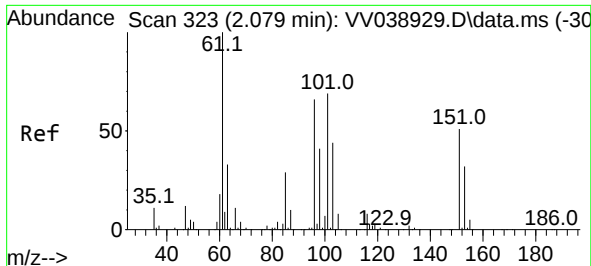
Tgt Ion:101 Resp: 416901
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.8 76.2



#8
 Diethyl Ether
 Concen: 48.081 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. 0.000 min
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 Acq: 08 Aug 2025 11:28

Tgt Ion: 74 Resp: 153532
 Ion Ratio Lower Upper
 74 100
 45 89.6 44.8 134.4

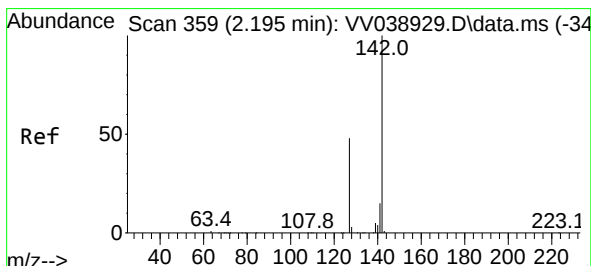
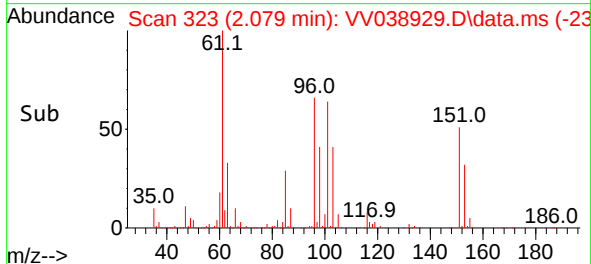
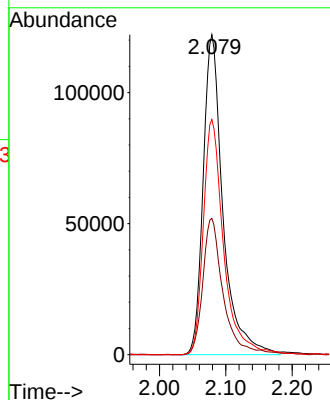
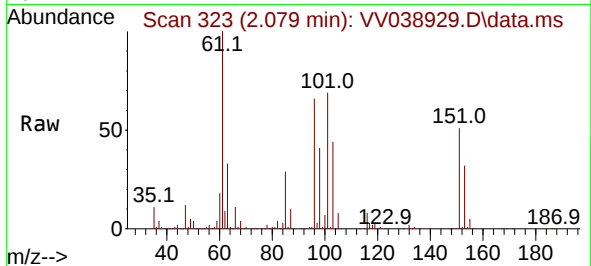




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.376 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

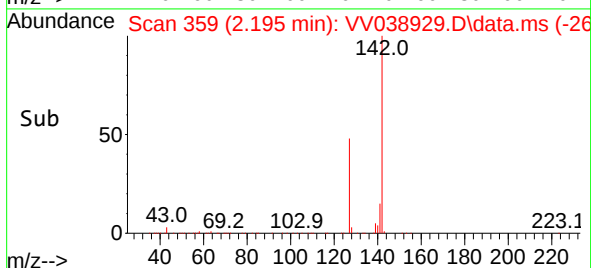
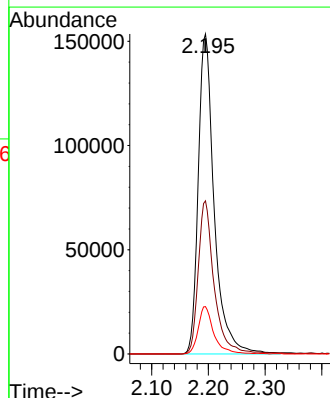
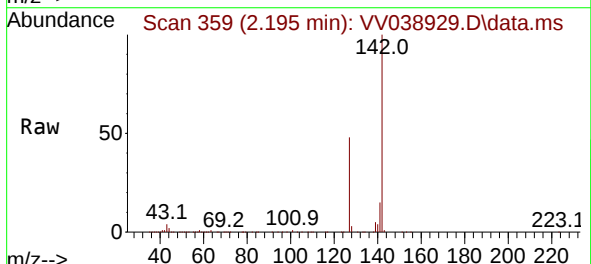
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

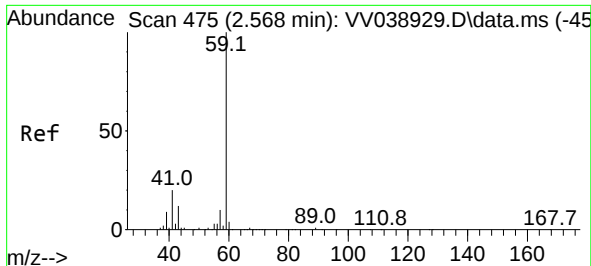
Tgt Ion:101 Resp: 253687
Ion Ratio Lower Upper
101 100
85 43.9 35.1 52.7
151 75.8 60.6 91.0



#10
Methyl Iodide
Concen: 48.547 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion:142 Resp: 300085
Ion Ratio Lower Upper
142 100
127 47.7 38.2 57.2
141 14.5 11.6 17.4

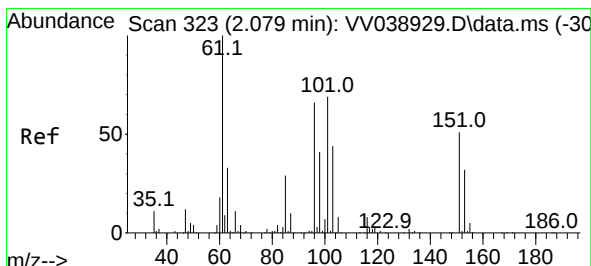
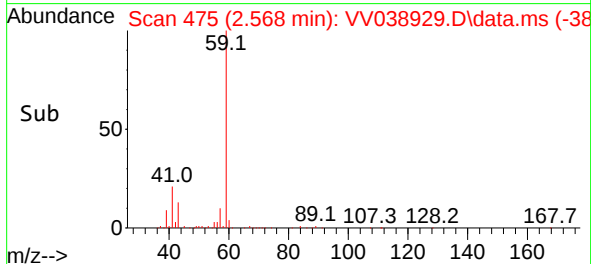
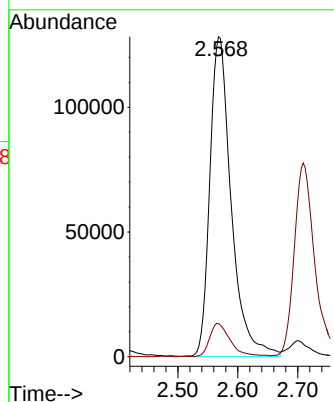
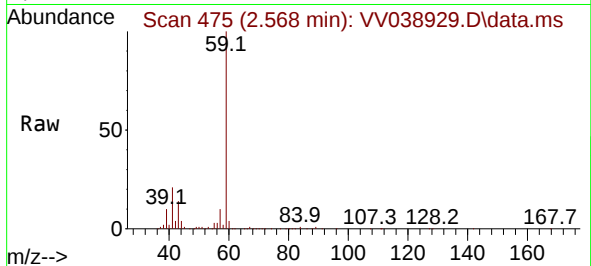




#11
Tert butyl alcohol
Concen: 237.378 ug/l
RT: 2.568 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

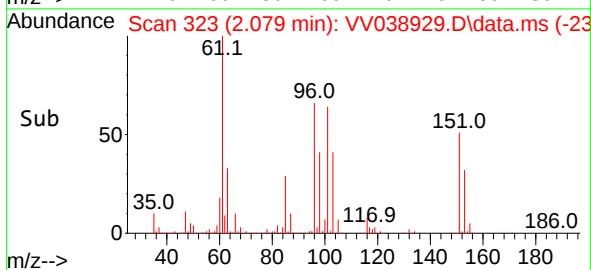
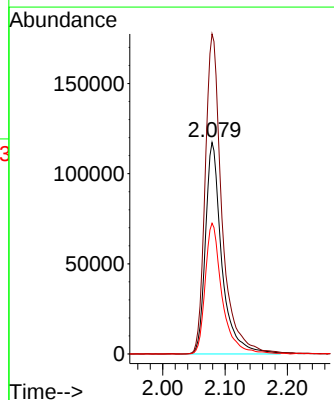
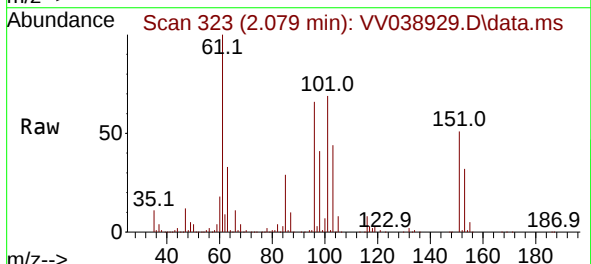
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

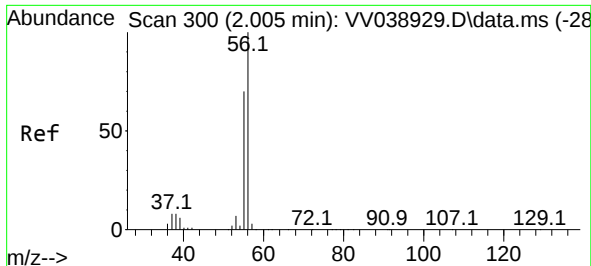
Tgt Ion: 59 Resp: 316495
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.199 ug/l
RT: 2.079 min Scan# 323
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 96 Resp: 213979
Ion Ratio Lower Upper
96 100
61 151.2 121.0 181.4
98 61.8 49.4 74.2

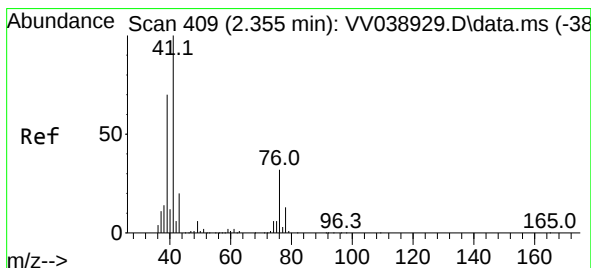
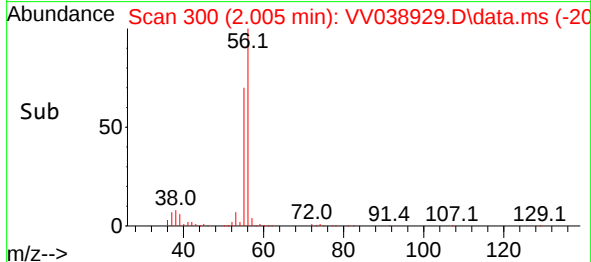
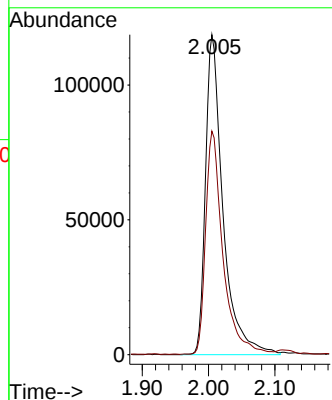
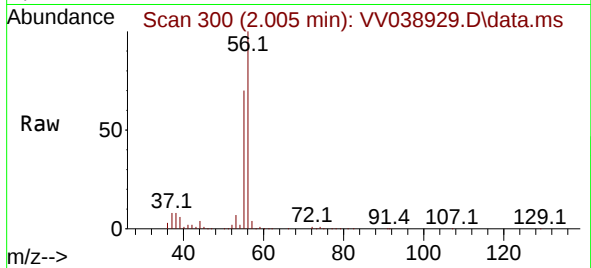




#13
Acrolein
Concen: 236.486 ug/l
RT: 2.005 min Scan# 300
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

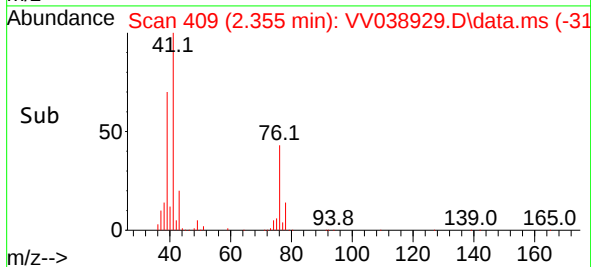
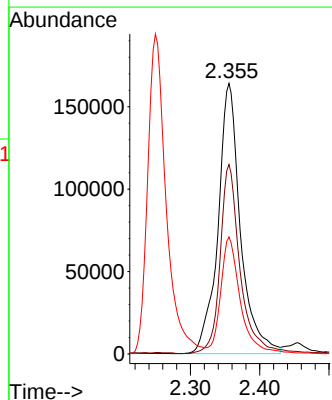
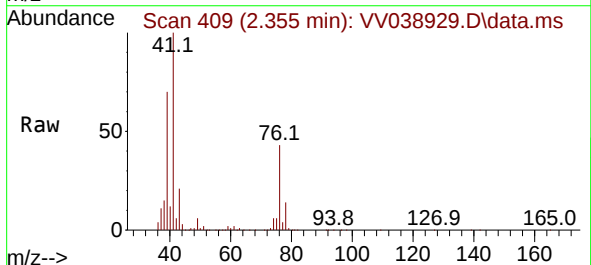
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

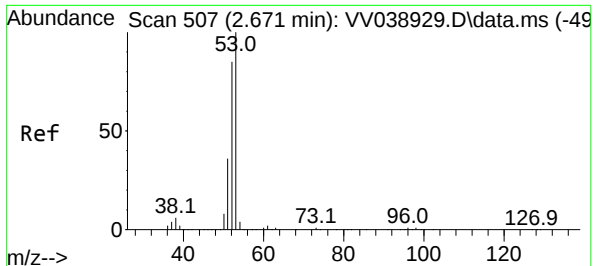
Tgt Ion: 56 Resp: 217048
Ion Ratio Lower Upper
56 100
55 68.9 55.1 82.7



#14
Allyl chloride
Concen: 46.678 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 41 Resp: 370063
Ion Ratio Lower Upper
41 100
39 62.4 49.9 74.9
76 37.1 29.7 44.5

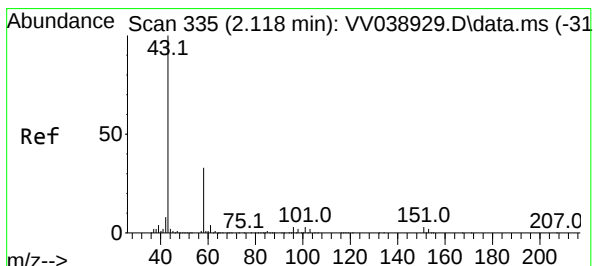
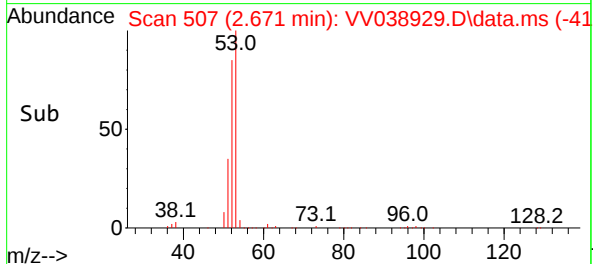
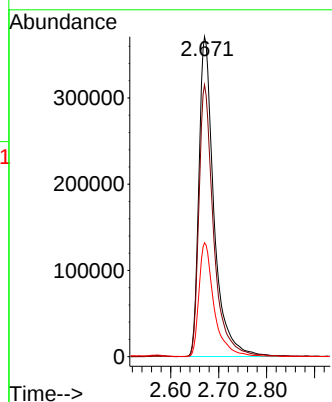
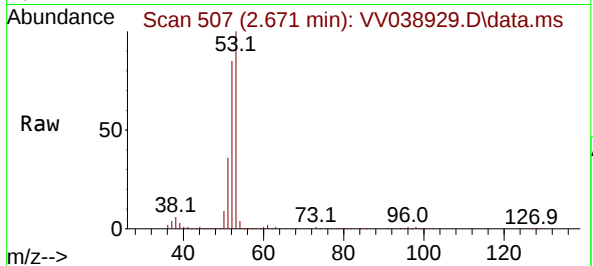




#15
Acrylonitrile
Concen: 229.826 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

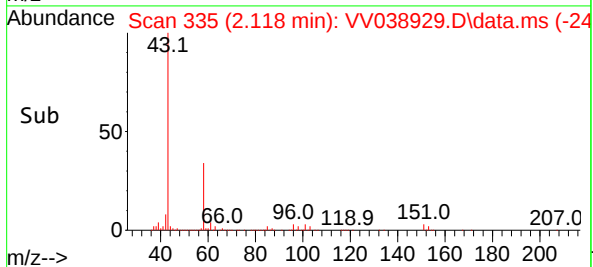
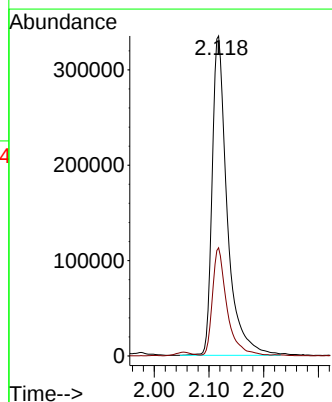
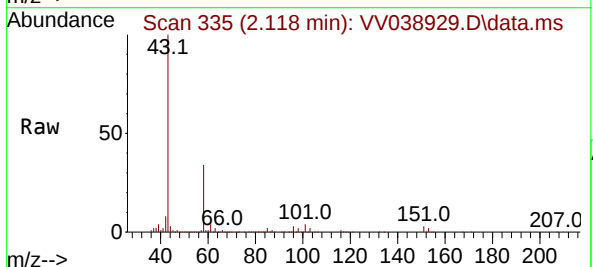
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

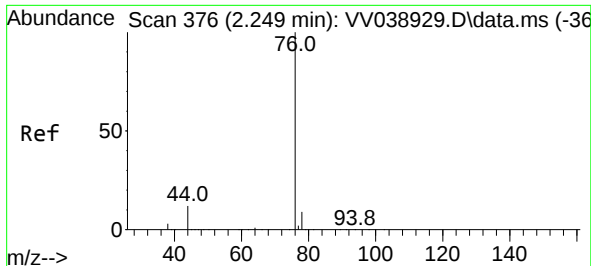
Tgt Ion: 53 Resp: 808983
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 35.8 28.6 43.0



#16
Acetone
Concen: 226.802 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 43 Resp: 641812
Ion Ratio Lower Upper
43 100
58 33.5 26.8 40.2

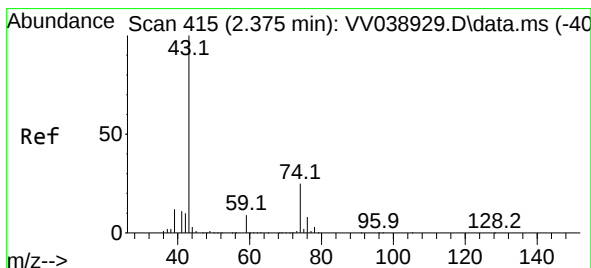
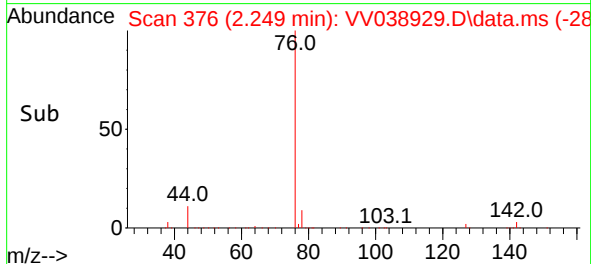
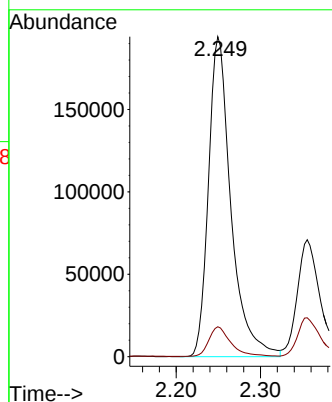
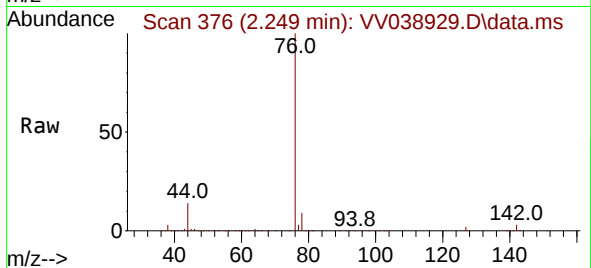




#17
Carbon Disulfide
Concen: 49.220 ug/l
RT: 2.249 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

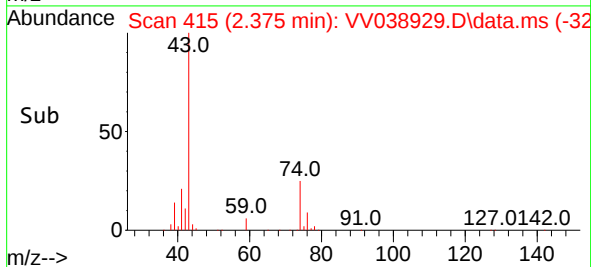
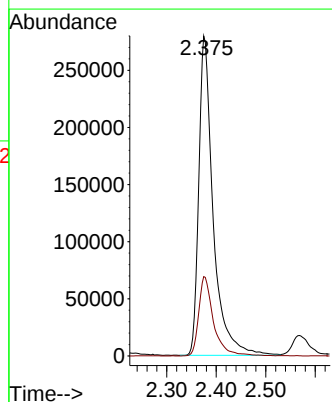
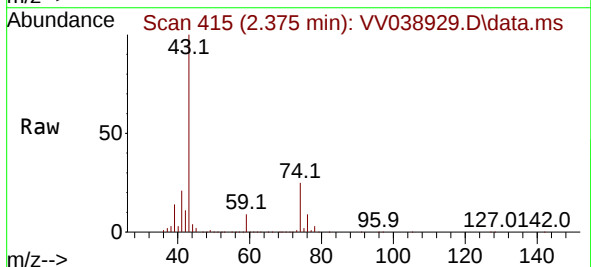
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

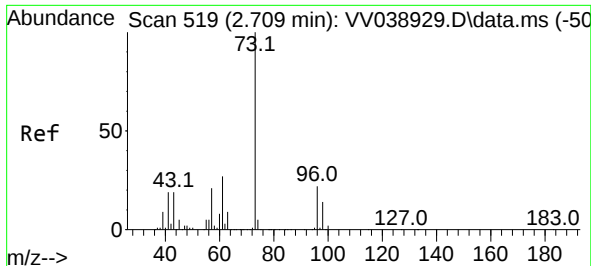
Tgt Ion: 76 Resp: 360325
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 49.134 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 43 Resp: 566131
Ion Ratio Lower Upper
43 100
74 25.7 20.6 30.8

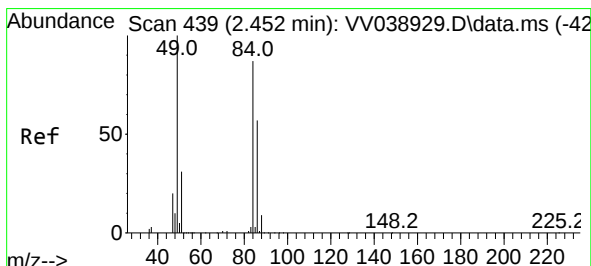
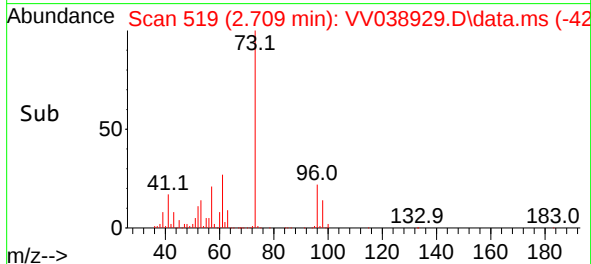
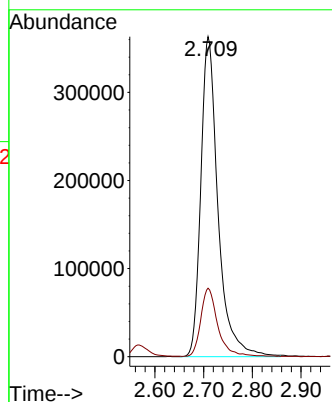
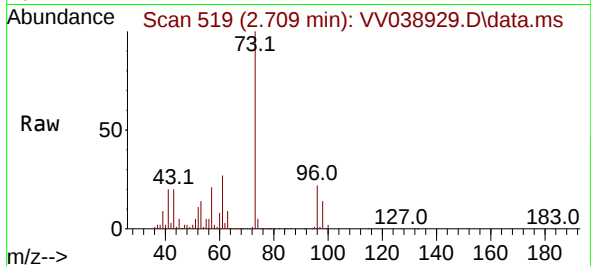




#19
Methyl tert-butyl Ether
Concen: 47.744 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

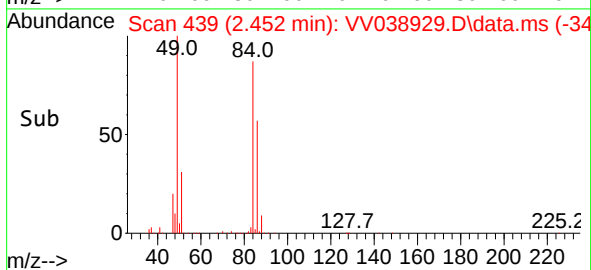
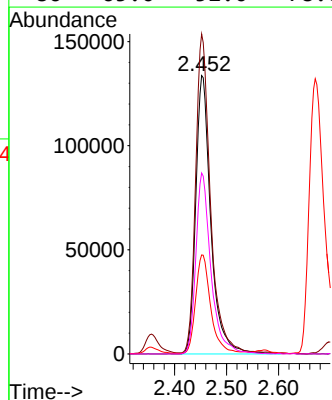
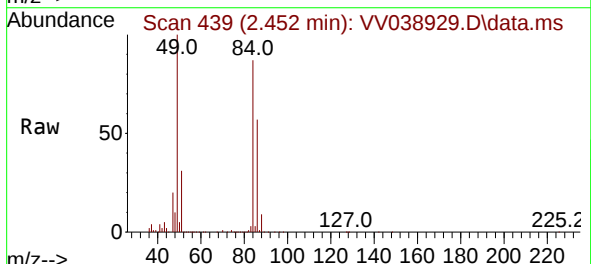
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

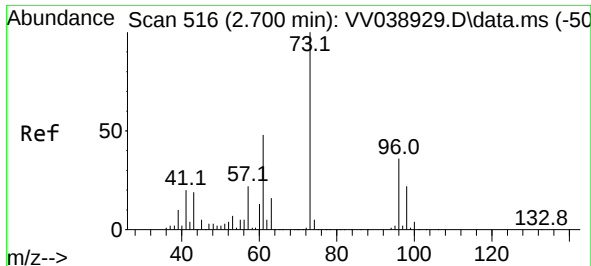
Tgt Ion: 73 Resp: 890587
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 49.954 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 84 Resp: 269665
Ion Ratio Lower Upper
84 100
49 114.6 91.7 137.5
51 35.4 28.3 42.5
86 65.0 52.0 78.0

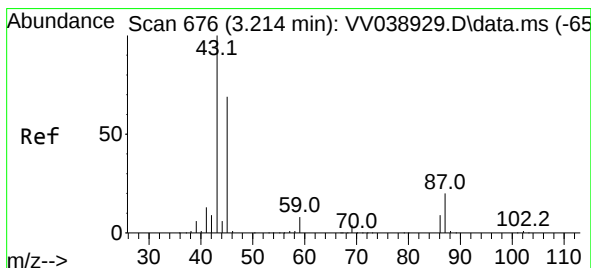
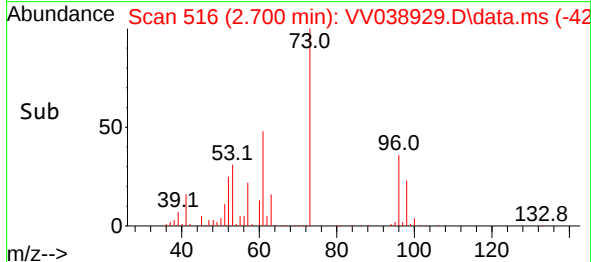
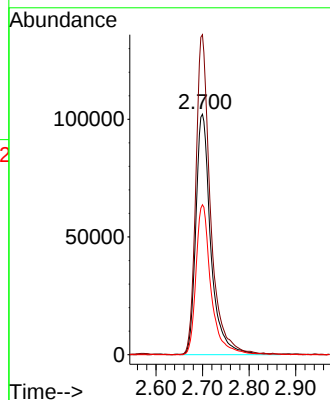
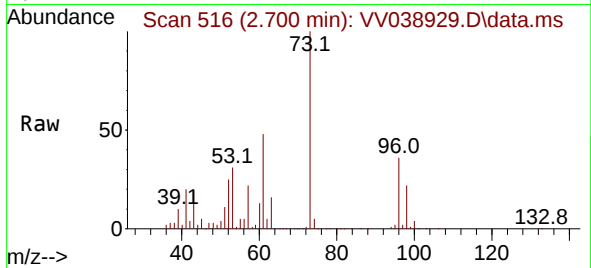




#21
trans-1,2-Dichloroethene
Concen: 46.425 ug/l
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

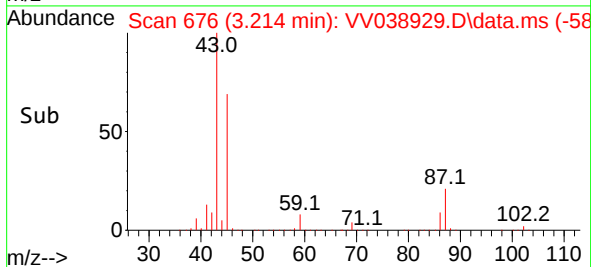
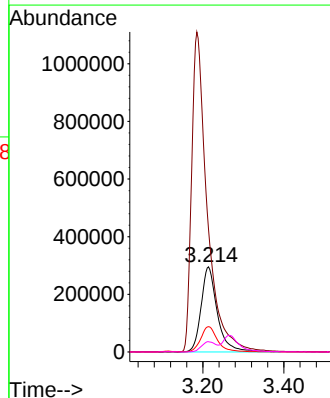
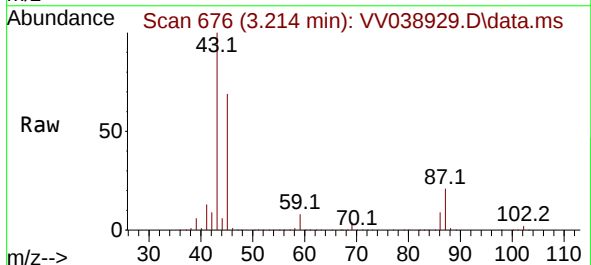
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

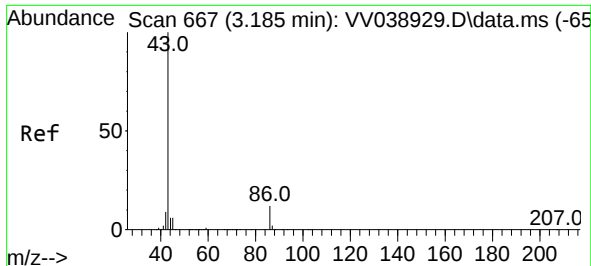
Tgt Ion: 96 Resp: 228762
Ion Ratio Lower Upper
96 100
61 132.8 106.2 159.4
98 62.3 49.8 74.8



#22
Diisopropyl ether
Concen: 51.081 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 45 Resp: 818936
Ion Ratio Lower Upper
45 100
43 144.1 115.3 172.9
87 29.7 23.8 35.6
59 11.9 9.5 14.3

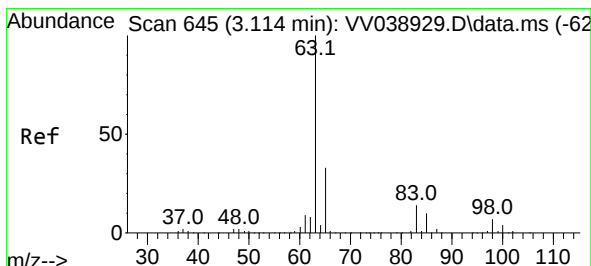
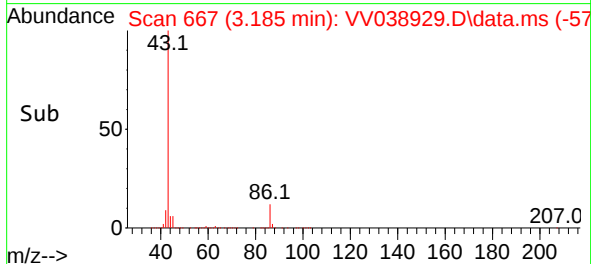
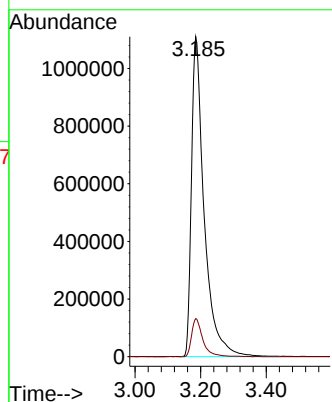
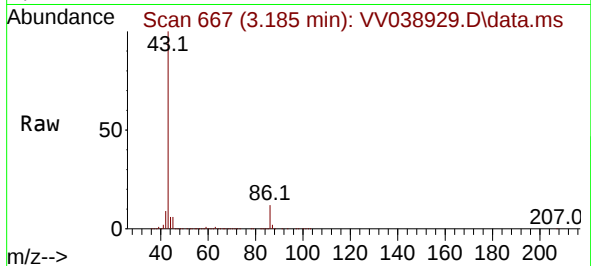




#23
 Vinyl Acetate
 Concen: 250.366 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV038929.D
 Acq: 08 Aug 2025 11:28

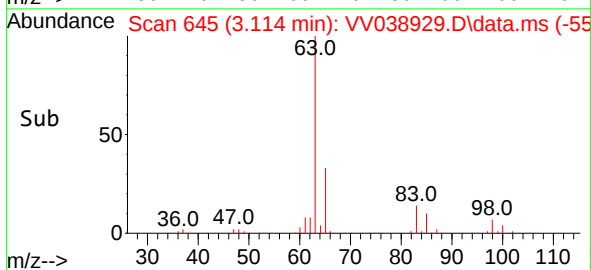
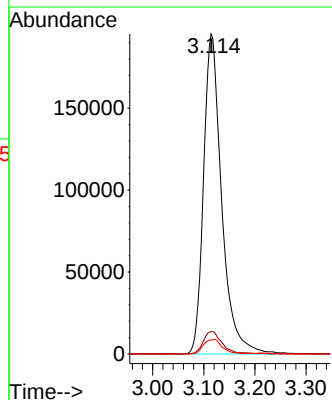
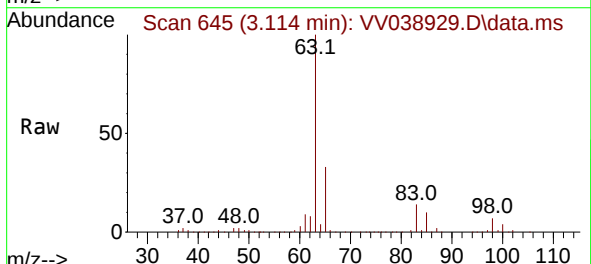
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

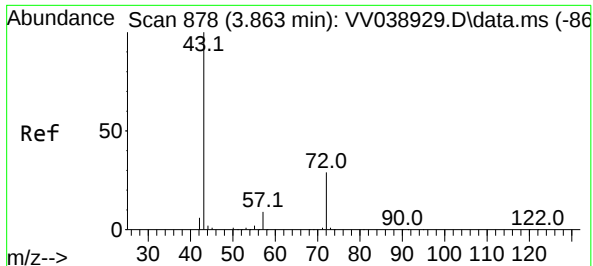
Tgt Ion: 43 Resp: 2981723
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 46.797 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV038929.D
 Acq: 08 Aug 2025 11:28

Tgt Ion: 63 Resp: 481161
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.4 2.2 6.6

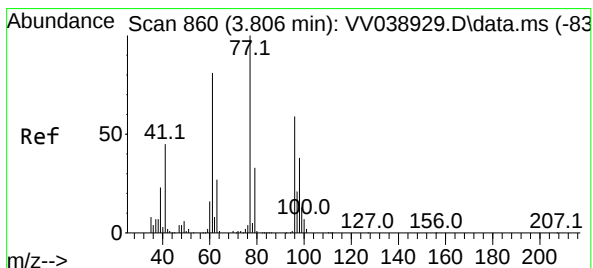
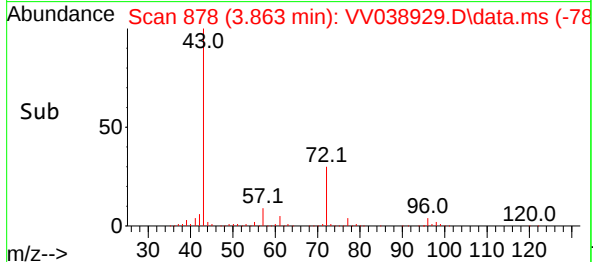
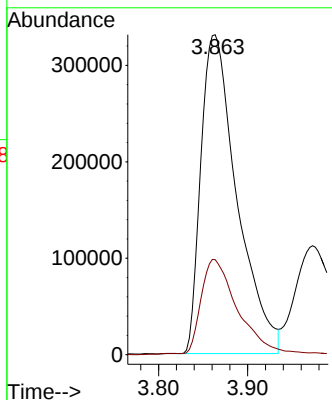
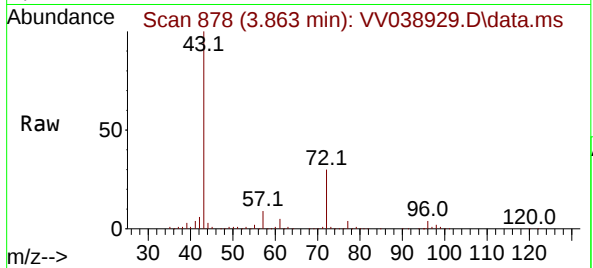




#25
2-Butanone
Concen: 259.159 ug/l
RT: 3.863 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

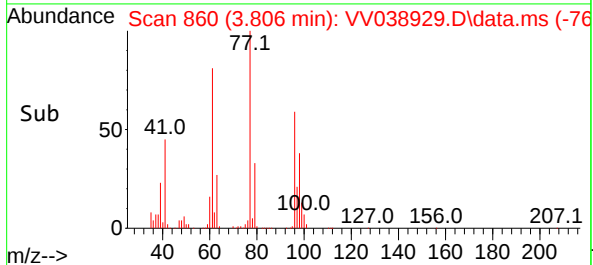
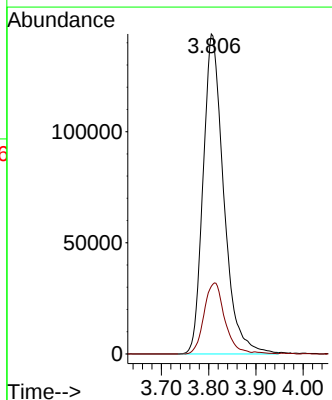
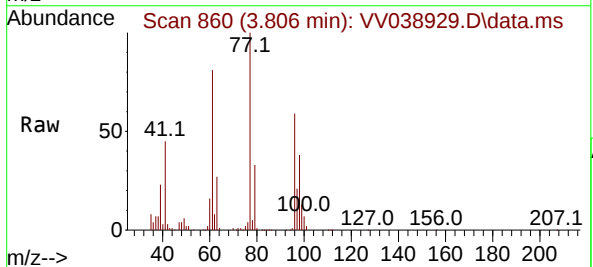
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

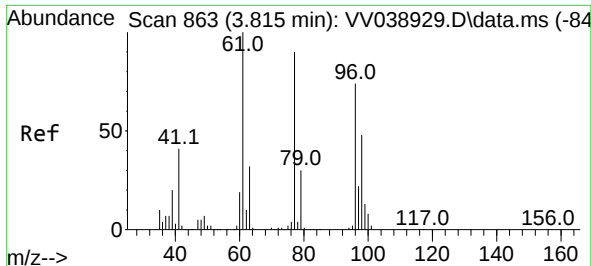
Tgt Ion: 43 Resp: 932104
Ion Ratio Lower Upper
43 100
72 29.4 23.5 35.3



#26
2,2-Dichloropropane
Concen: 47.873 ug/l
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 77 Resp: 436145
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.022 ug/l

RT: 3.815 min Scan# 863

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

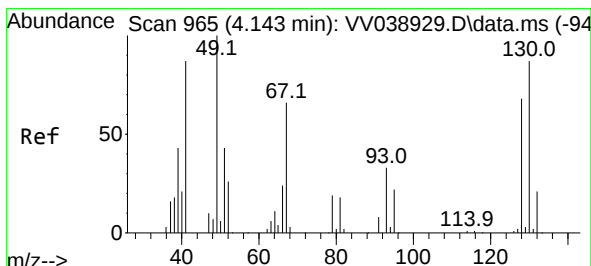
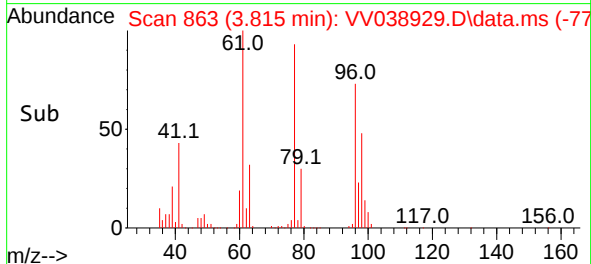
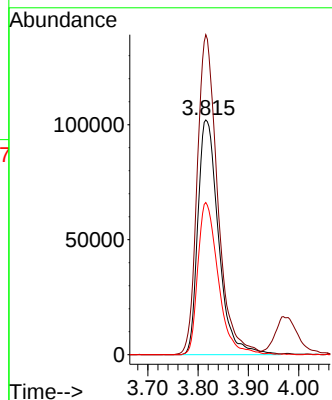
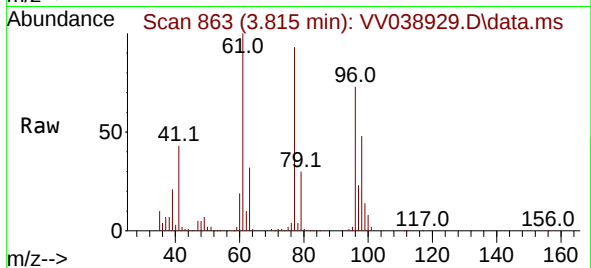
Tgt Ion: 96 Resp: 291035

Ion Ratio Lower Upper

96 100

61 135.2 0.0 270.4

98 64.0 0.0 128.0



#28

Bromochloromethane

Concen: 51.009 ug/l

RT: 4.143 min Scan# 965

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

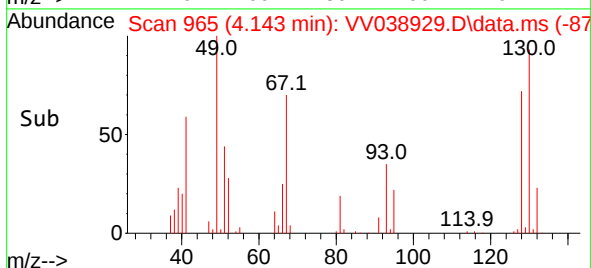
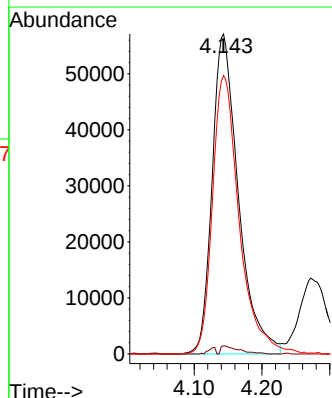
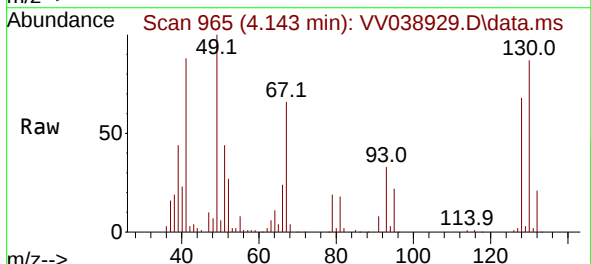
Tgt Ion: 49 Resp: 153971

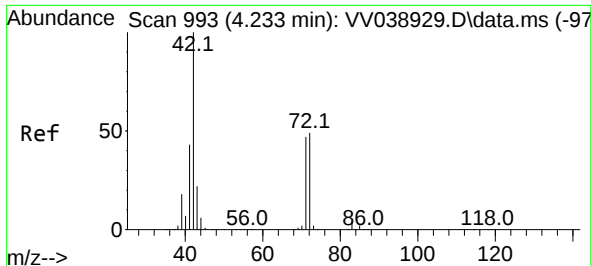
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 88.6 70.9 106.3





#29

Tetrahydrofuran

Concen: 250.424 ug/l

RT: 4.233 min Scan# 993

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

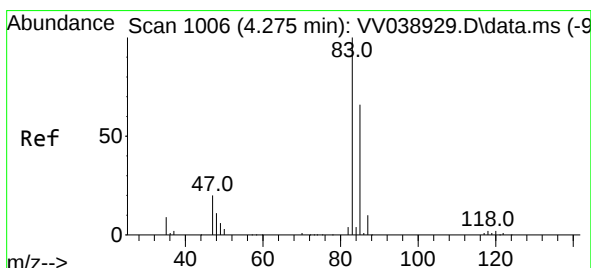
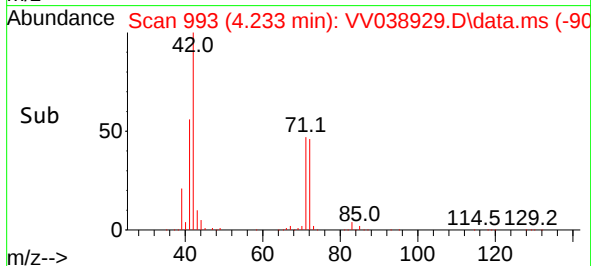
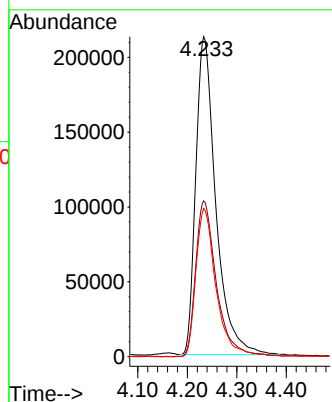
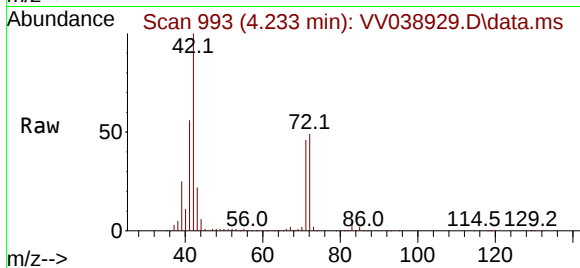
Tgt Ion: 42 Resp: 597954

Ion Ratio Lower Upper

42 100

72 49.9 39.9 59.9

71 46.7 37.4 56.0



#30

Chloroform

Concen: 47.906 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV038929.D

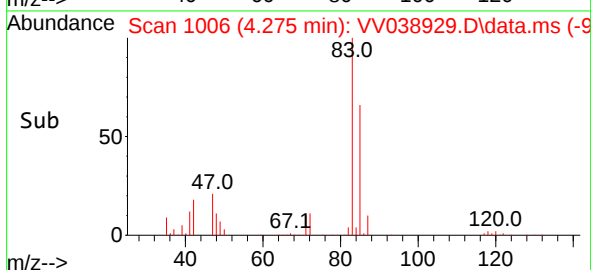
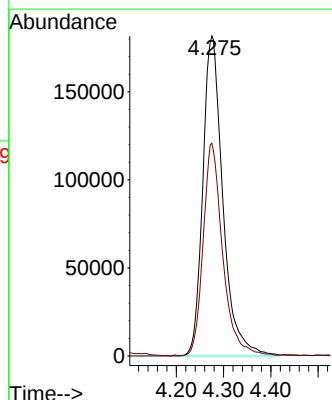
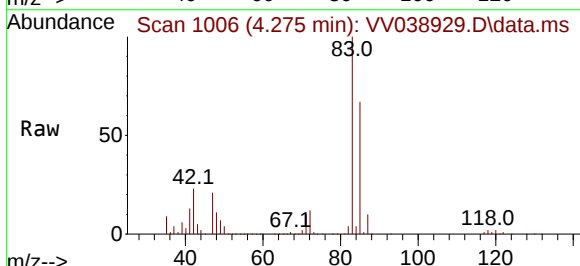
Acq: 08 Aug 2025 11:28

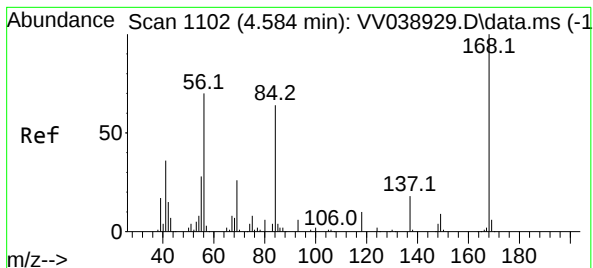
Tgt Ion: 83 Resp: 535954

Ion Ratio Lower Upper

83 100

85 66.3 53.0 79.6





#31

Cyclohexane

Concen: 46.554 ug/l

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

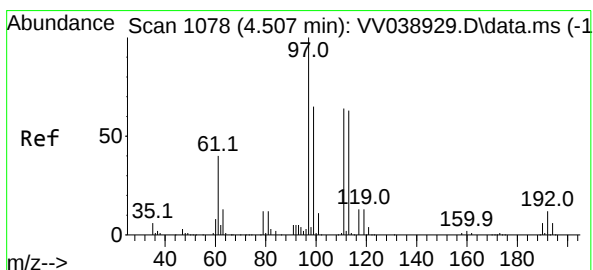
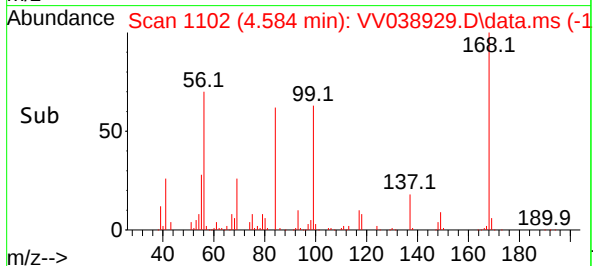
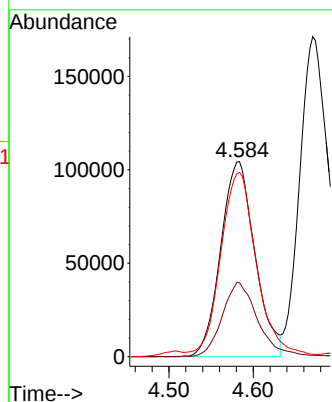
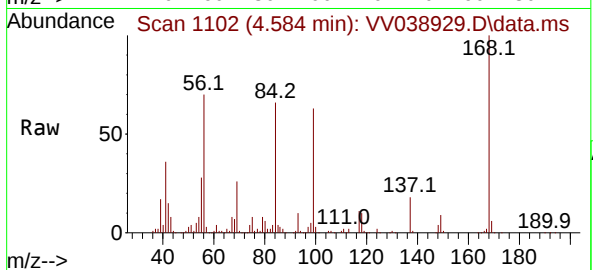
Tgt Ion: 56 Resp: 294843

Ion Ratio Lower Upper

56 100

69 37.7 30.2 45.2

84 92.0 73.6 110.4



#32

1,1,1-Trichloroethane

Concen: 48.274 ug/l

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

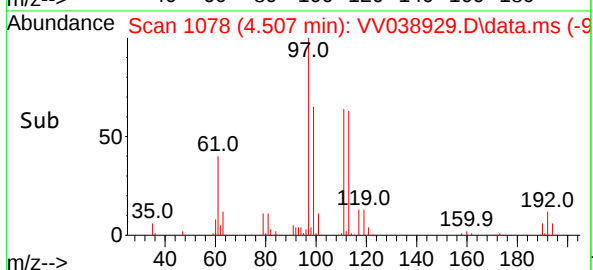
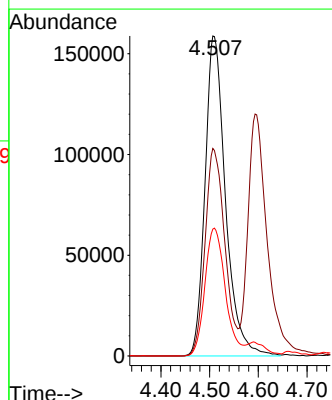
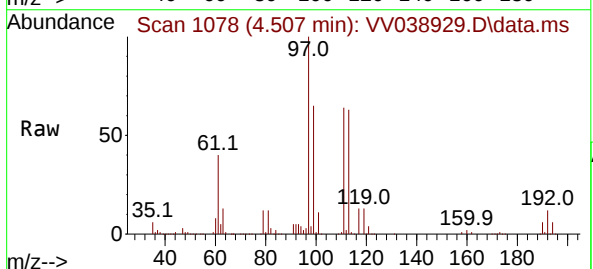
Tgt Ion: 97 Resp: 464497

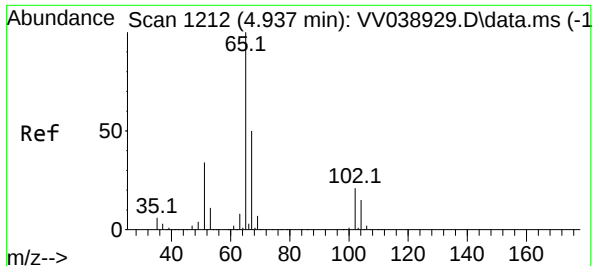
Ion Ratio Lower Upper

97 100

99 62.2 49.8 74.6

61 39.8 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 46.949 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

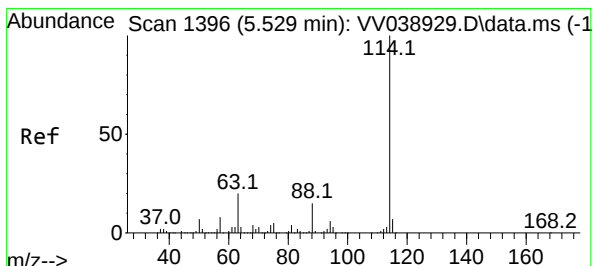
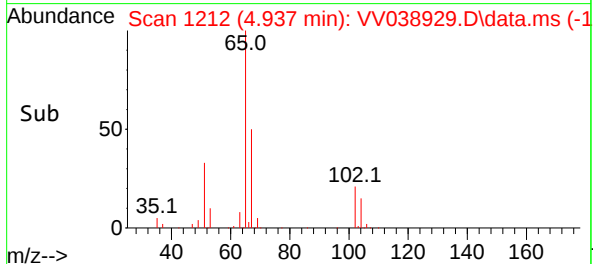
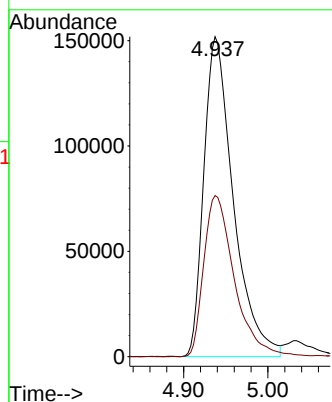
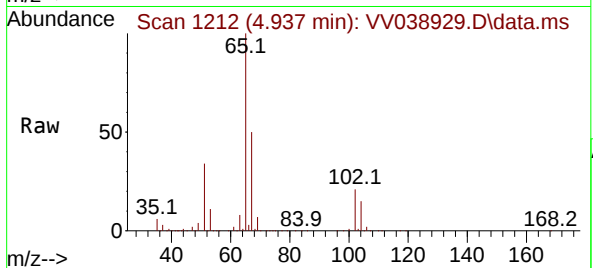
VSTDICCC050

Tgt Ion: 65 Resp: 370115

Ion Ratio Lower Upper

65 100

67 52.2 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: VV038929.D

Acq: 08 Aug 2025 11:28

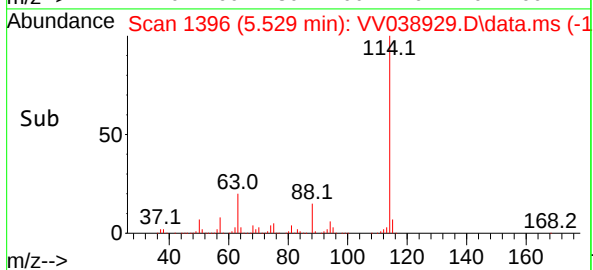
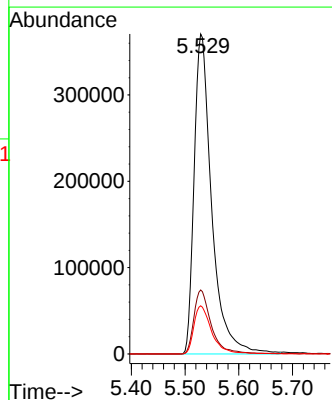
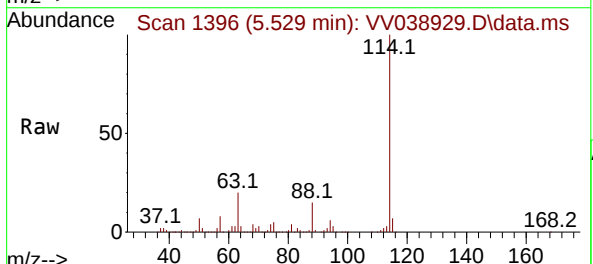
Tgt Ion: 114 Resp: 841488

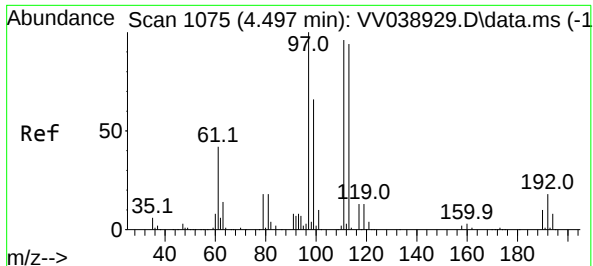
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.827 ug/l

RT: 4.497 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

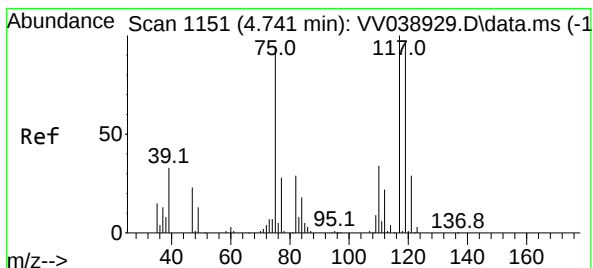
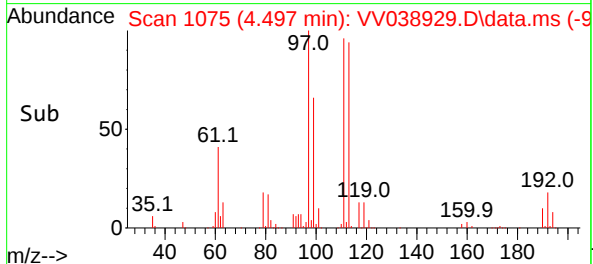
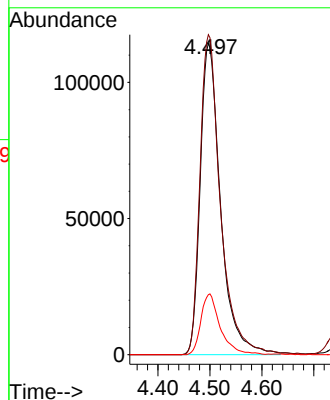
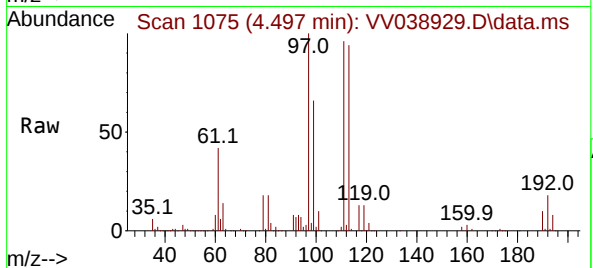
Tgt Ion:113 Resp: 311706

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 18.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 50.890 ug/l

RT: 4.741 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

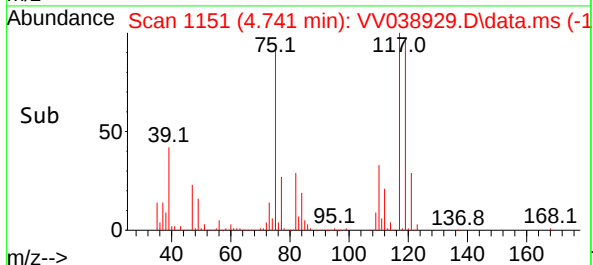
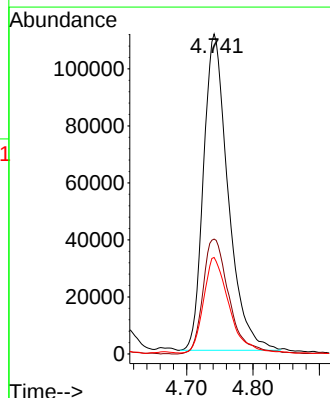
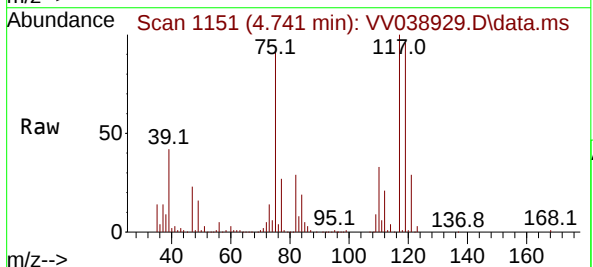
Tgt Ion: 75 Resp: 286505

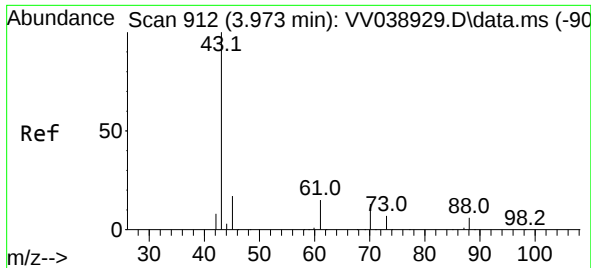
Ion Ratio Lower Upper

75 100

110 39.0 19.5 58.5

77 31.3 25.0 37.6

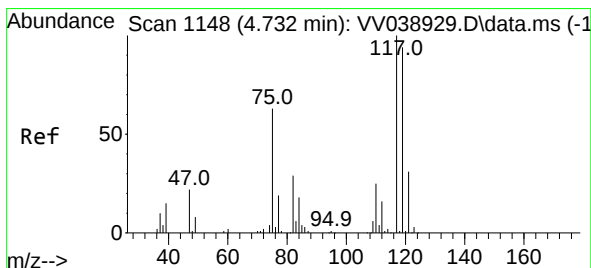
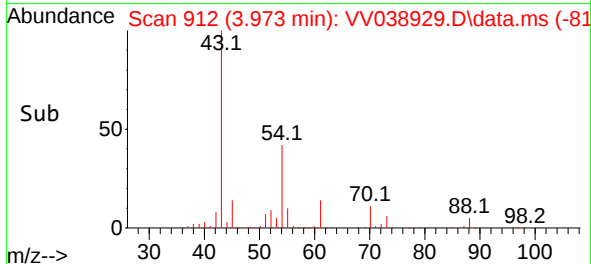
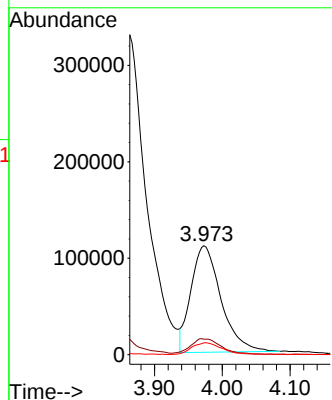
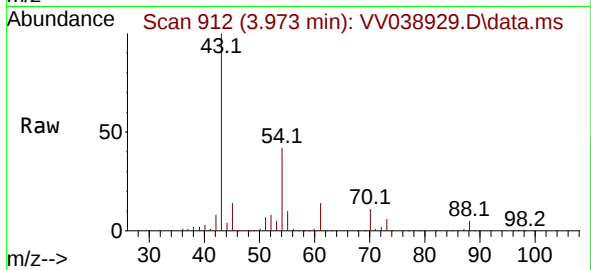




#37
Ethyl Acetate
Concen: 46.175 ug/l
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

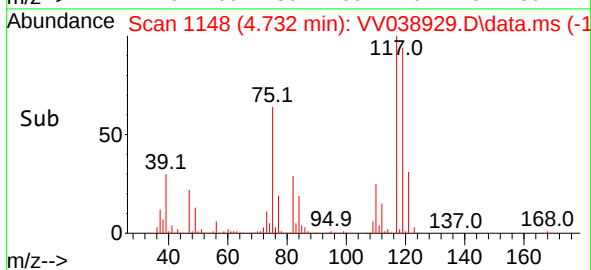
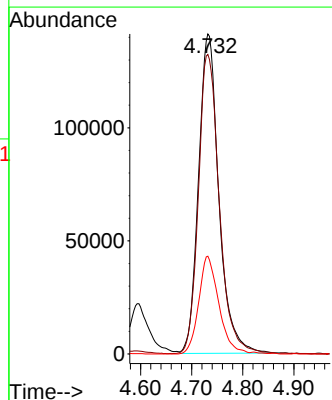
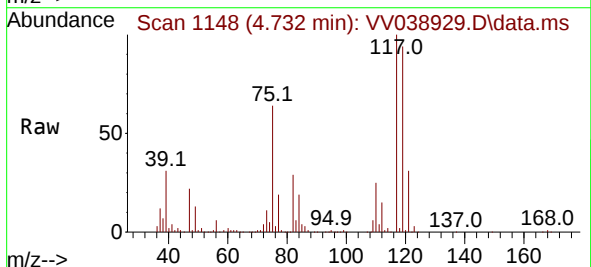
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

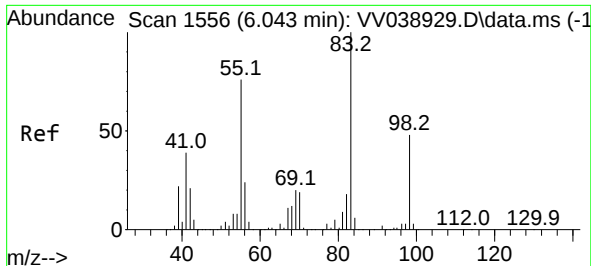
Tgt Ion: 43 Resp: 341423
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 51.929 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 117 Resp: 390220
Ion Ratio Lower Upper
117 100
119 93.6 74.9 112.3
121 30.7 24.6 36.8

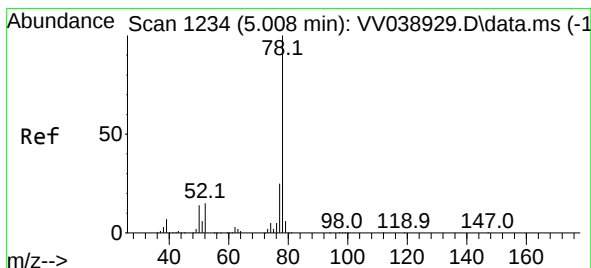
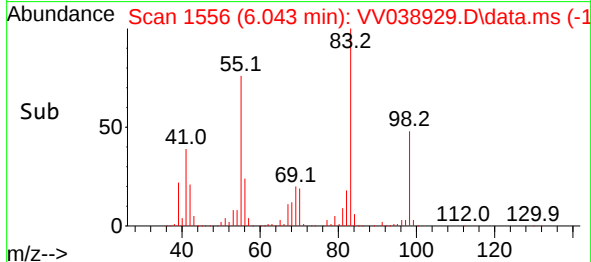
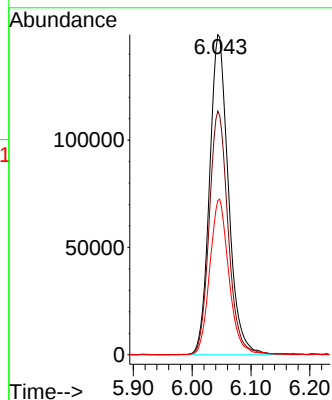
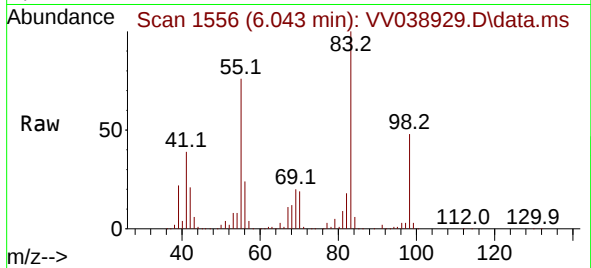




#39
Methylcyclohexane
Concen: 53.952 ug/l
RT: 6.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

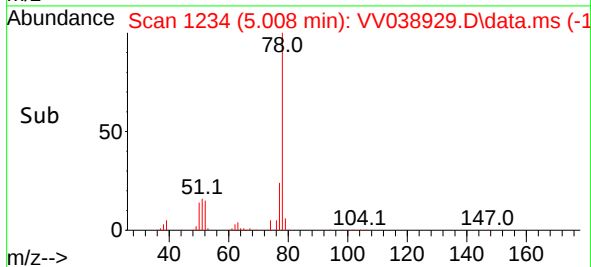
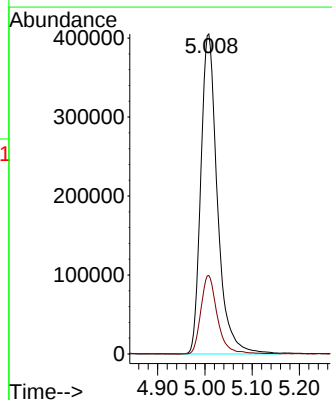
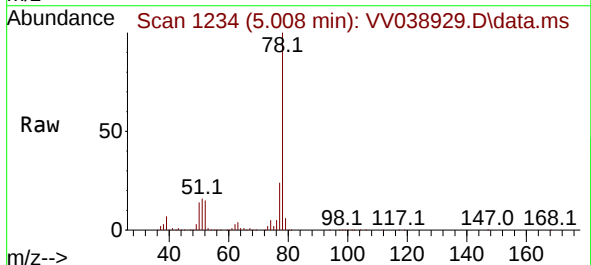
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

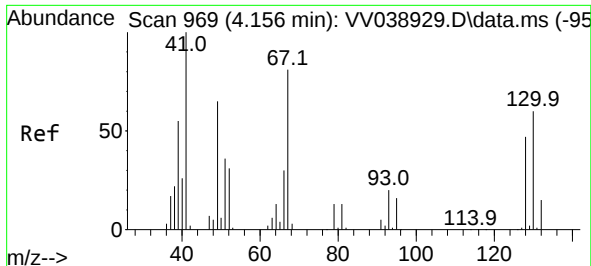
Tgt Ion: 83 Resp: 332359
Ion Ratio Lower Upper
83 100
55 76.0 60.8 91.2
98 48.2 38.6 57.8



#40
Benzene
Concen: 52.709 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 78 Resp: 987210
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4



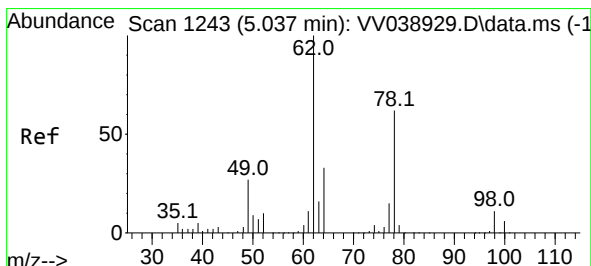
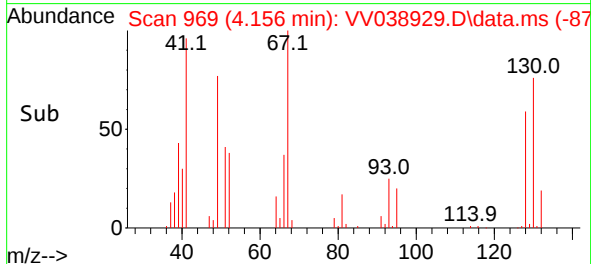
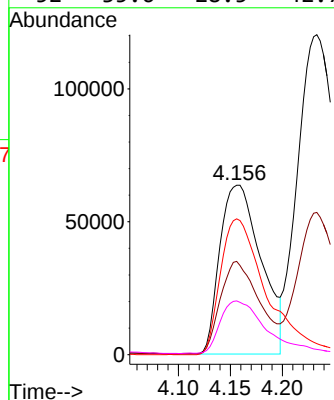
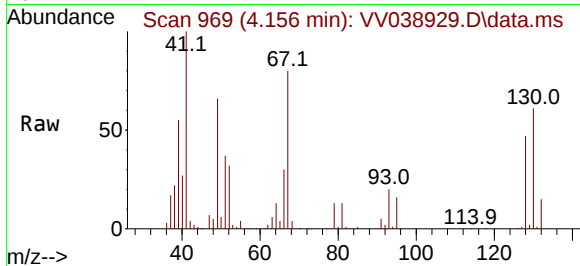


#41
Methacrylonitrile
Concen: 57.804 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 175424

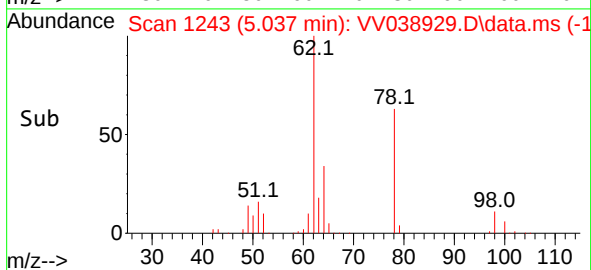
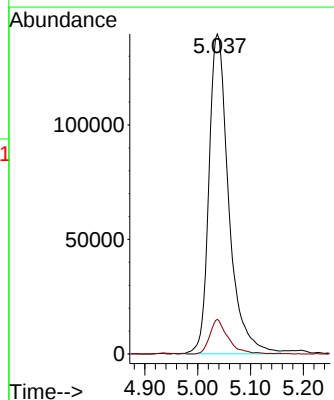
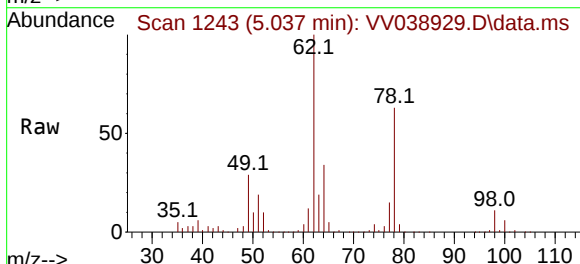
Ion	Ratio	Lower	Upper
41	100		
39	52.2	41.8	62.6
67	90.8	72.6	109.0
52	35.6	28.5	42.7

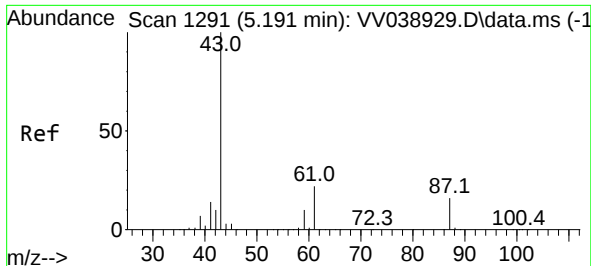


#42
1,2-Dichloroethane
Concen: 50.015 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 62 Resp: 363953

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6

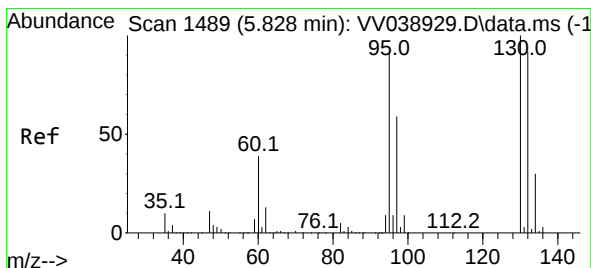
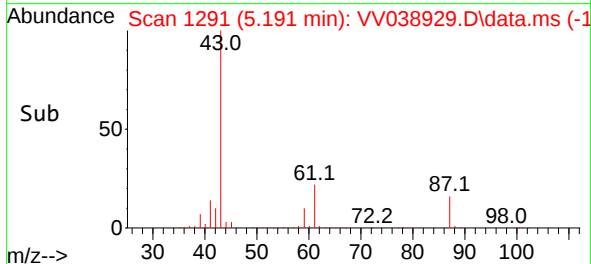
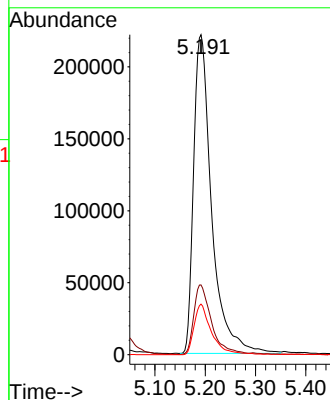
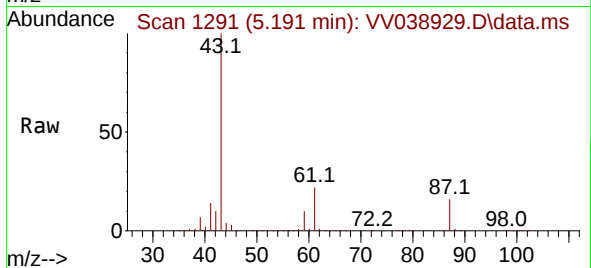




#43
Isopropyl Acetate
Concen: 52.995 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

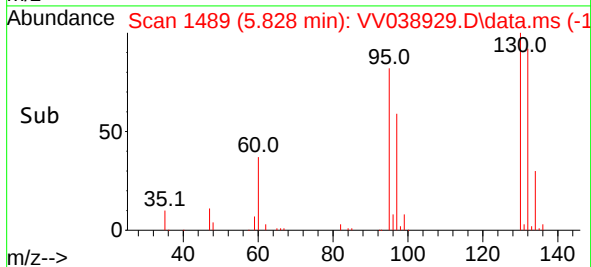
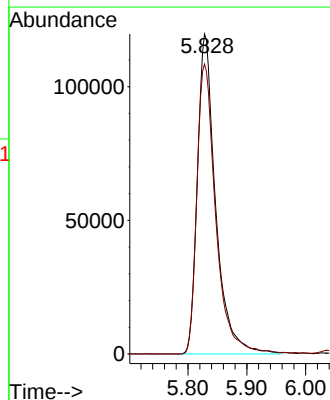
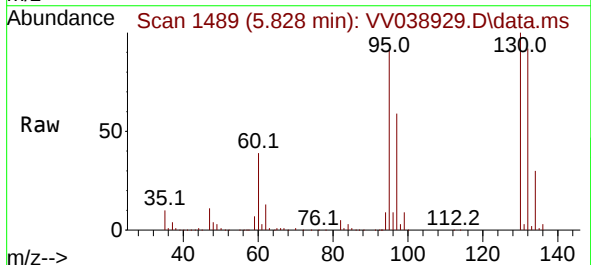
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

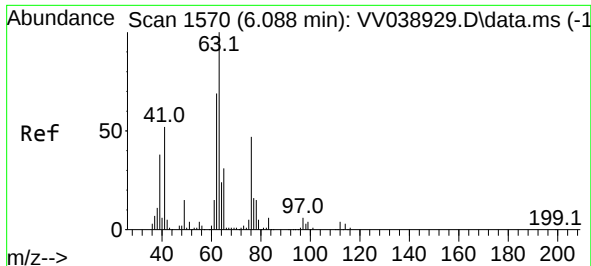
Tgt Ion: 43 Resp: 553283
Ion Ratio Lower Upper
43 100
61 21.3 17.0 25.6
87 15.3 12.2 18.4



#44
Trichloroethene
Concen: 52.253 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 130 Resp: 257519
Ion Ratio Lower Upper
130 100
95 90.6 0.0 181.2





#45

1,2-Dichloropropane

Concen: 52.854 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

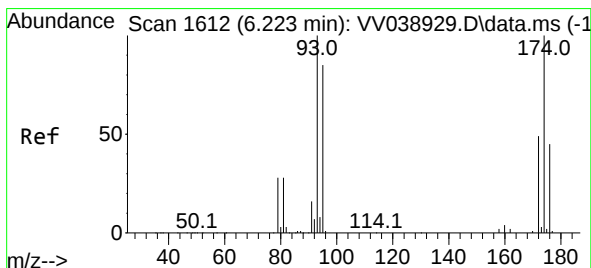
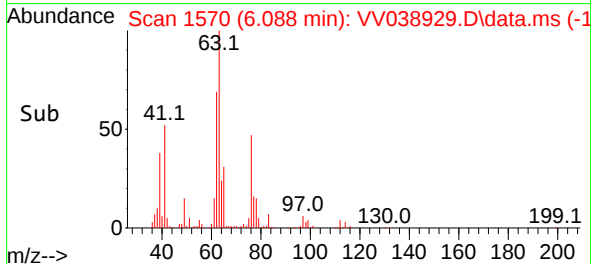
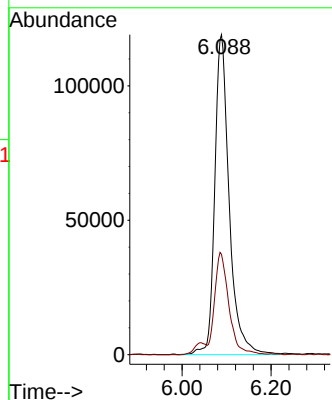
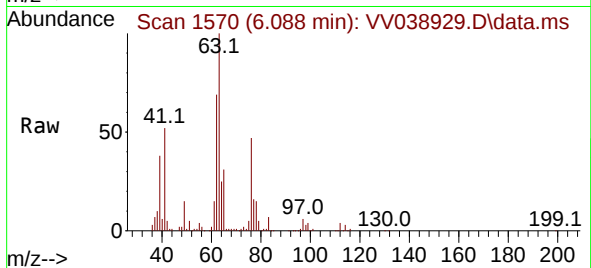
VSTDICCC050

Tgt Ion: 63 Resp: 267695

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



#46

Dibromomethane

Concen: 51.460 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

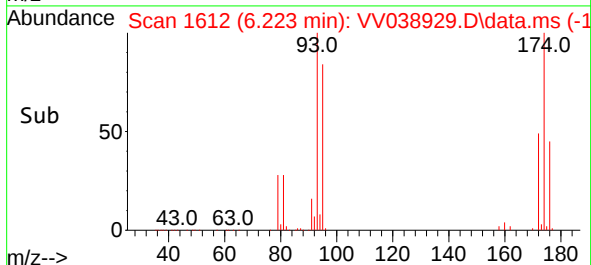
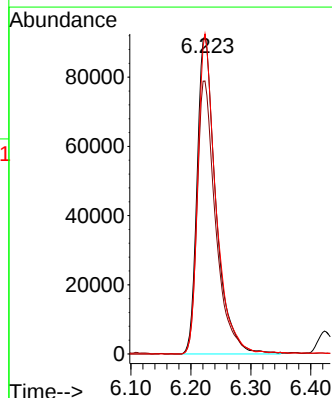
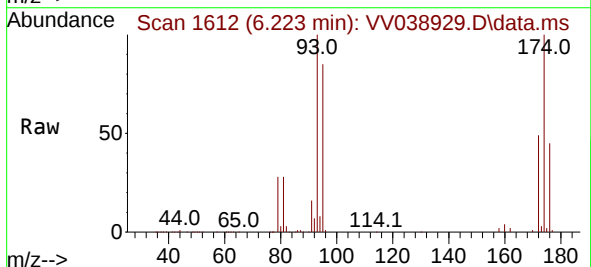
Tgt Ion: 93 Resp: 199245

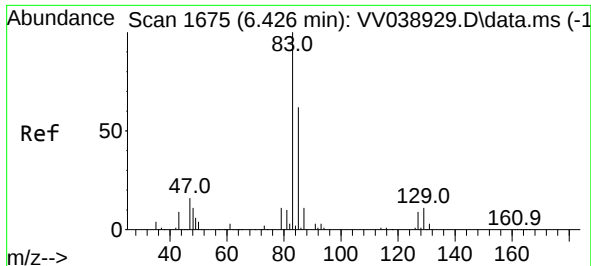
Ion Ratio Lower Upper

93 100

95 84.7 67.8 101.6

174 96.7 77.4 116.0

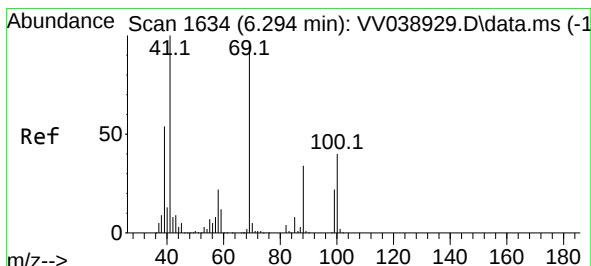
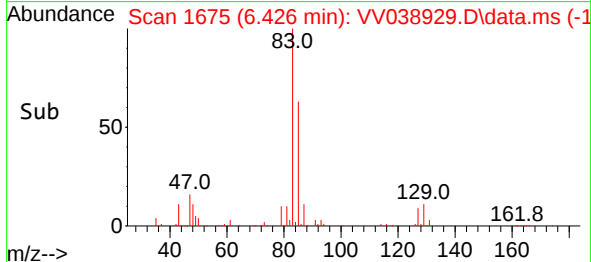
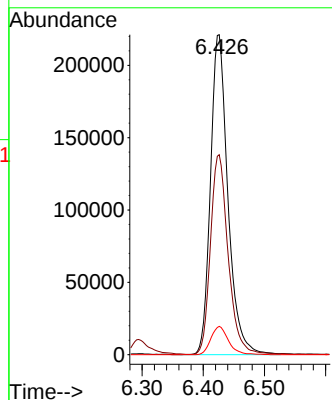
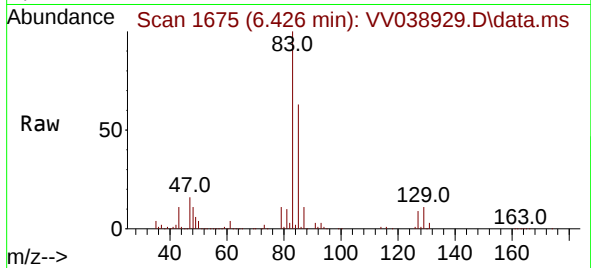




#47
Bromodichloromethane
Concen: 50.947 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

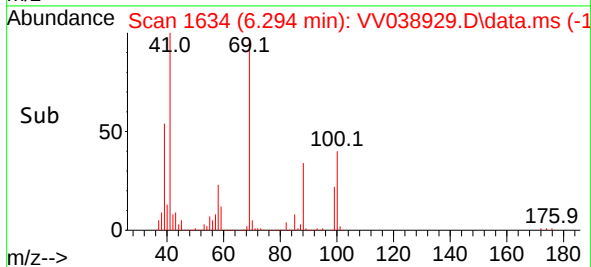
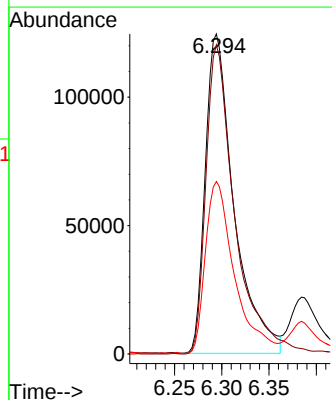
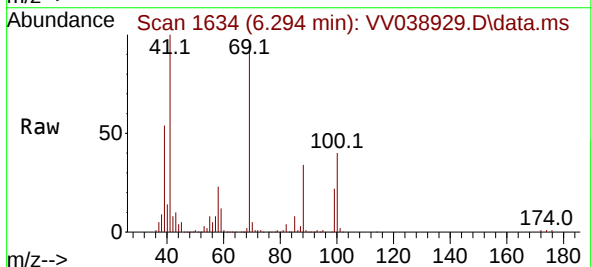
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

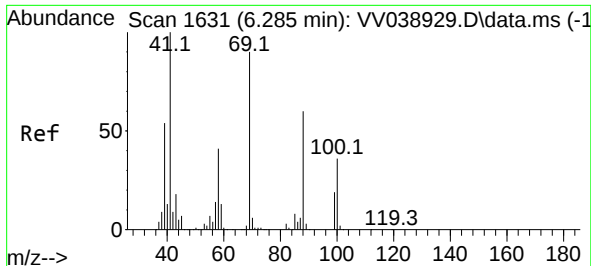
Tgt Ion: 83 Resp: 438252
Ion Ratio Lower Upper
83 100
85 62.2 49.8 74.6
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 59.030 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 41 Resp: 262910
Ion Ratio Lower Upper
41 100
69 98.0 78.4 117.6
39 54.1 43.3 64.9





#49

1,4-Dioxane

Concen: 1041.551 ug/l

RT: 6.285 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

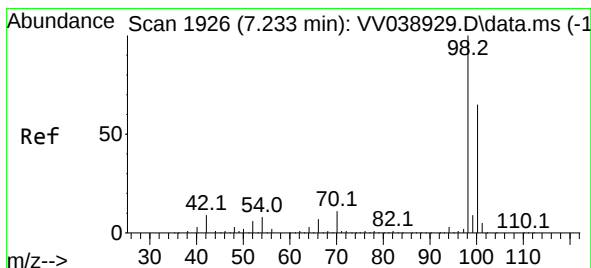
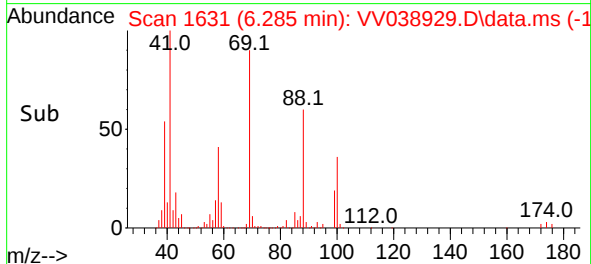
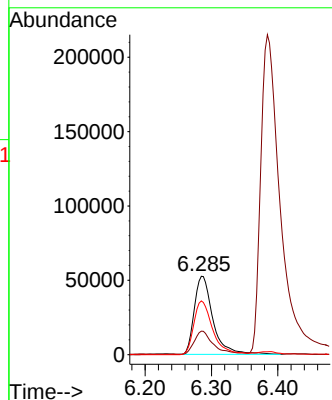
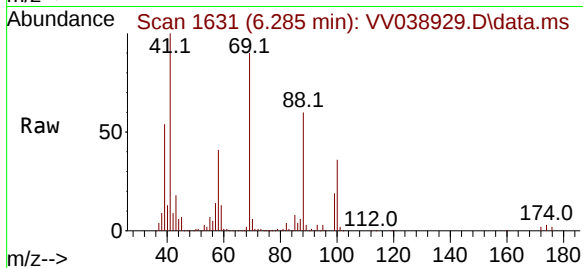
Tgt Ion: 88 Resp: 102879

Ion Ratio Lower Upper

88 100

43 30.2 24.2 36.2

58 69.3 55.4 83.2



#50

Toluene-d8

Concen: 50.494 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VV038929.D

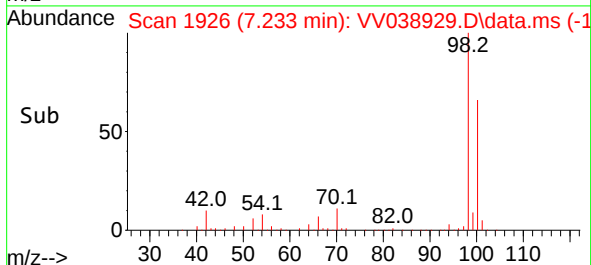
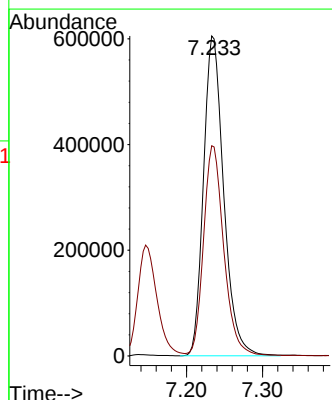
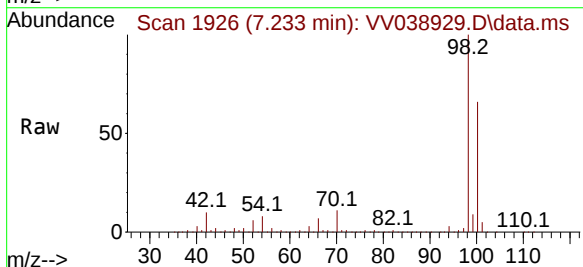
Acq: 08 Aug 2025 11:28

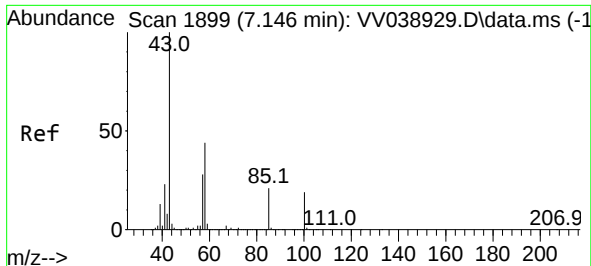
Tgt Ion: 98 Resp: 1116404

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 276.456 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

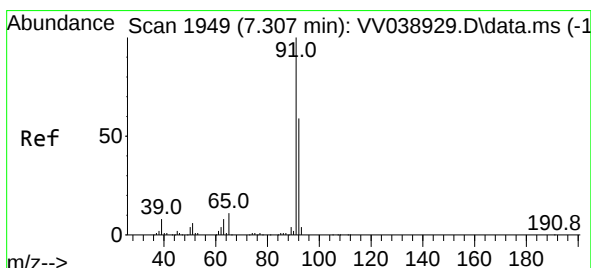
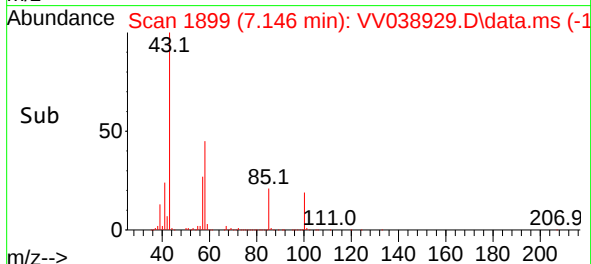
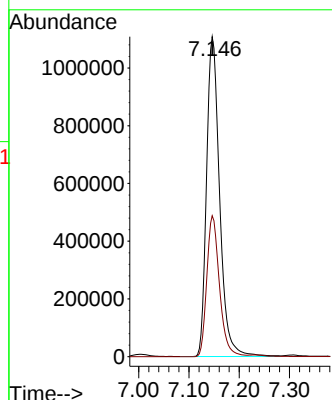
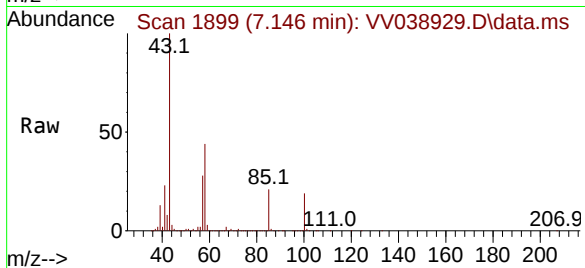
VSTDICCC050

Tgt Ion: 43 Resp: 2000656

Ion Ratio Lower Upper

43 100

58 42.7 34.2 51.2



#52

Toluene

Concen: 55.861 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038929.D

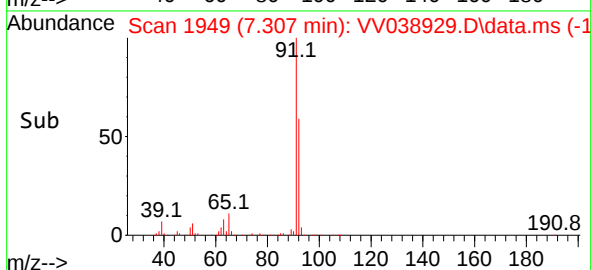
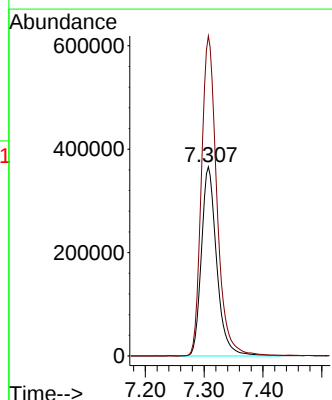
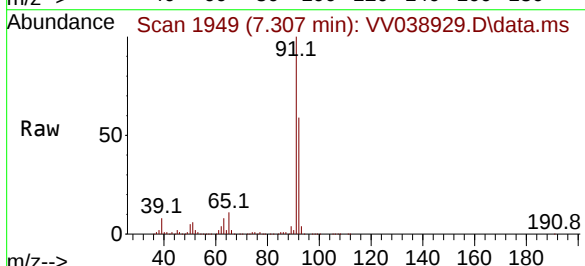
Acq: 08 Aug 2025 11:28

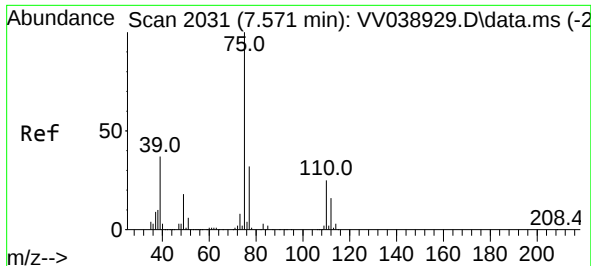
Tgt Ion: 92 Resp: 660546

Ion Ratio Lower Upper

92 100

91 171.0 136.8 205.2

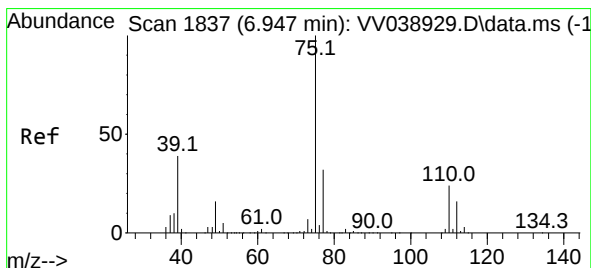
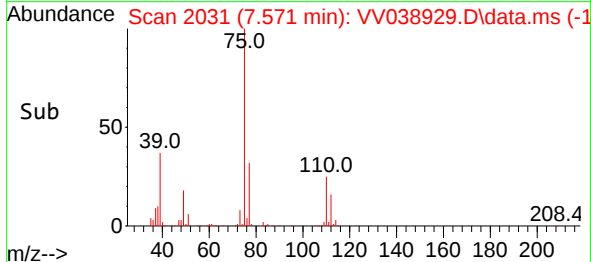
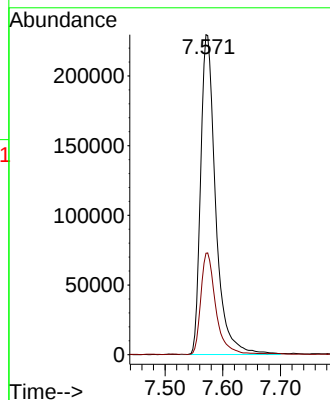
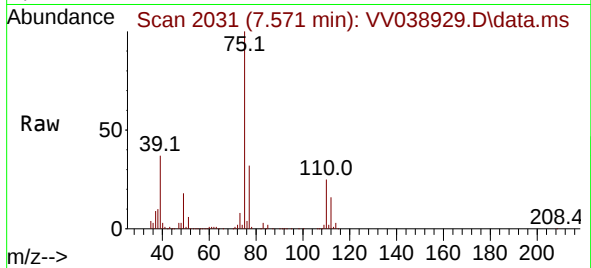




#53
 t-1,3-Dichloropropene
 Concen: 54.989 ug/l
 RT: 7.571 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VV038929.D
 Acq: 08 Aug 2025 11:28

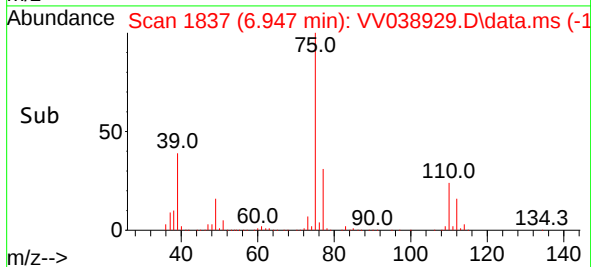
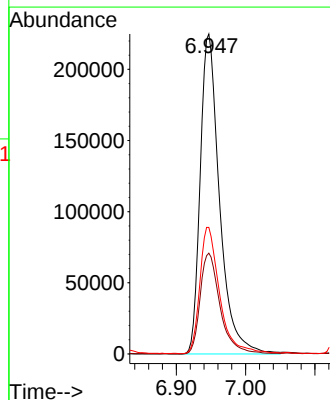
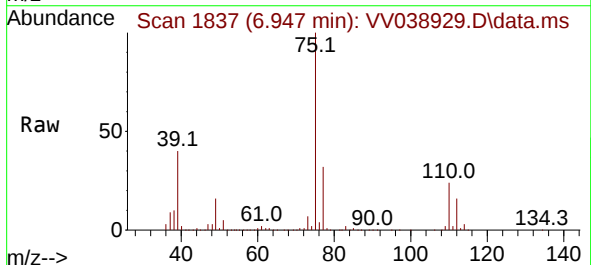
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

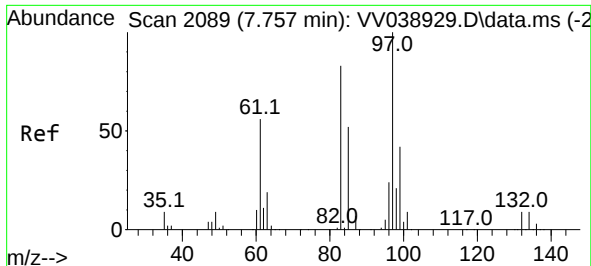
Tgt Ion: 75 Resp: 413816
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.075 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV038929.D
 Acq: 08 Aug 2025 11:28

Tgt Ion: 75 Resp: 436050
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 39.5 31.6 47.4

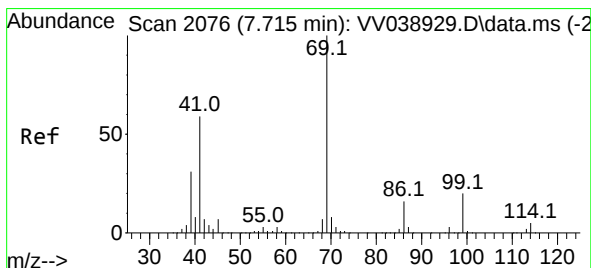
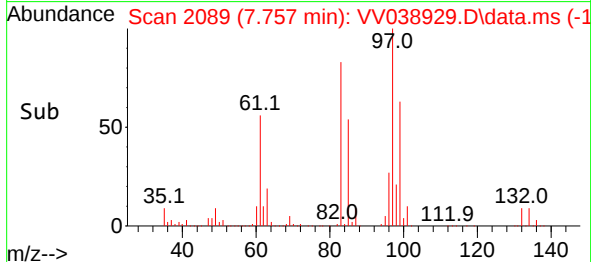
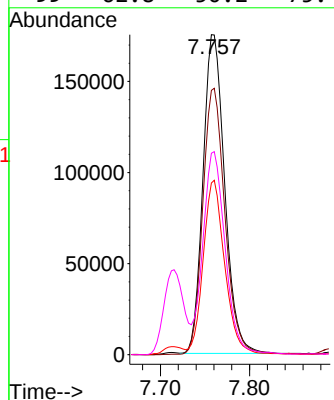
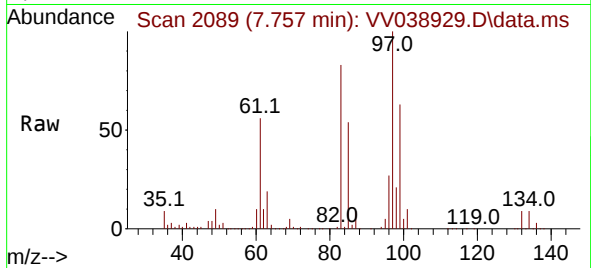




#55
 1,1,2-Trichloroethane
 Concen: 51.088 ug/l
 RT: 7.757 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VV038929.D
 Acq: 08 Aug 2025 11:28

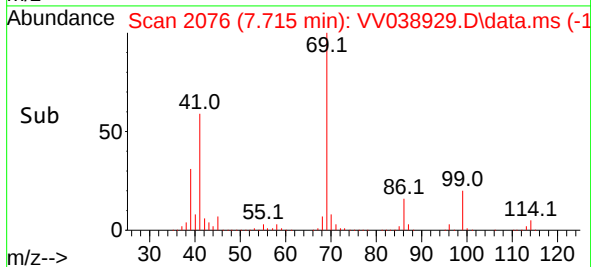
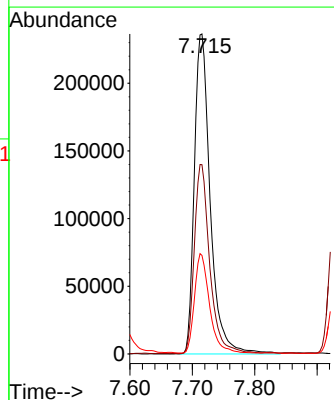
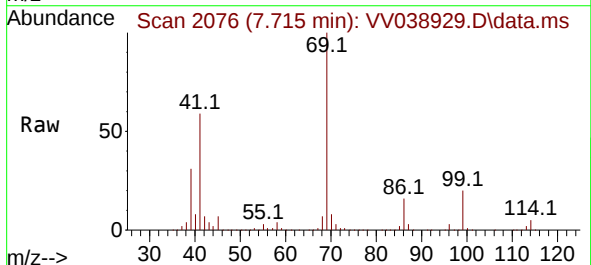
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

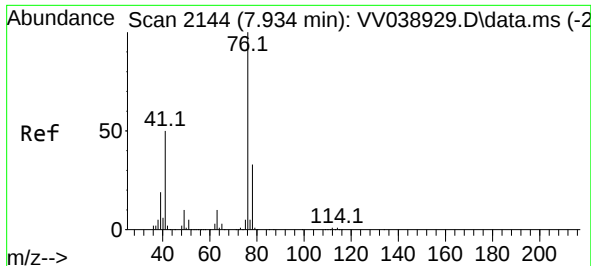
Tgt Ion:	97	Resp:	295621
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.2	99.4
85	53.6	42.9	64.3
99	62.8	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 50.479 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV038929.D
 Acq: 08 Aug 2025 11:28

Tgt Ion:	69	Resp:	418518
Ion	Ratio	Lower	Upper
69	100		
41	57.3	45.8	68.8
39	29.2	23.4	35.0





#57

1,3-Dichloropropane

Concen: 53.061 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

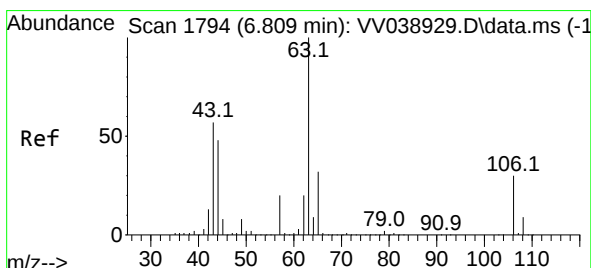
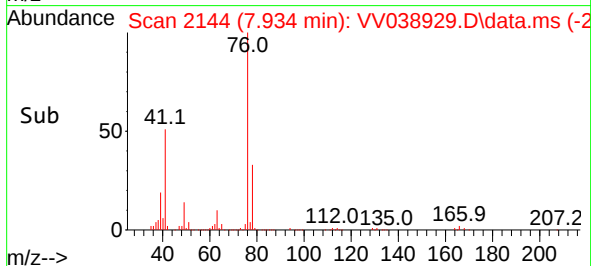
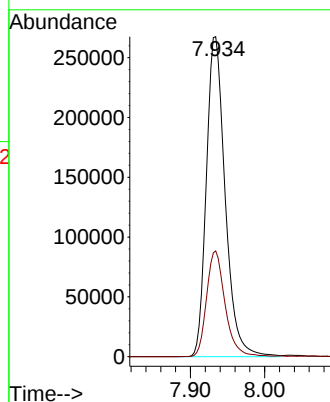
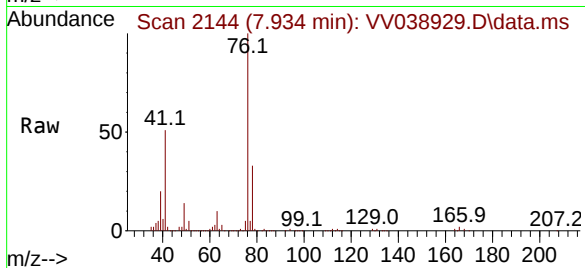
VSTDICCC050

Tgt Ion: 76 Resp: 469660

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 281.113 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VV038929.D

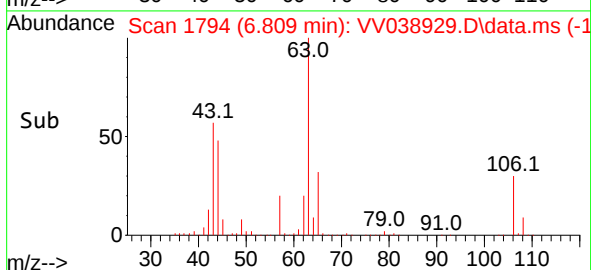
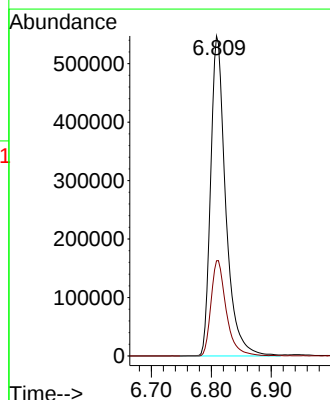
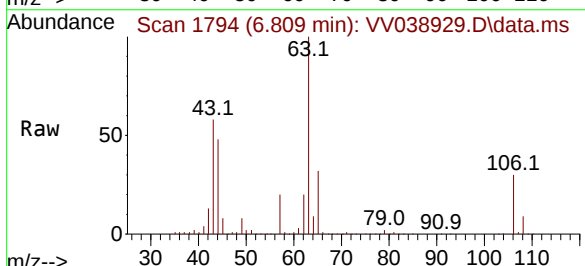
Acq: 08 Aug 2025 11:28

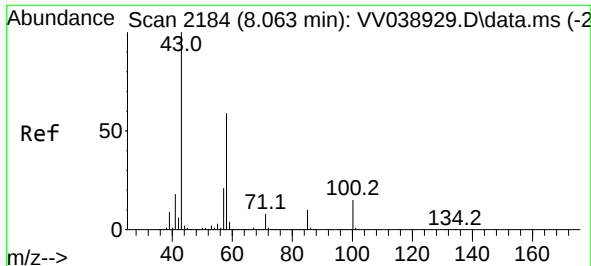
Tgt Ion: 63 Resp: 954473

Ion Ratio Lower Upper

63 100

106 30.1 24.1 36.1

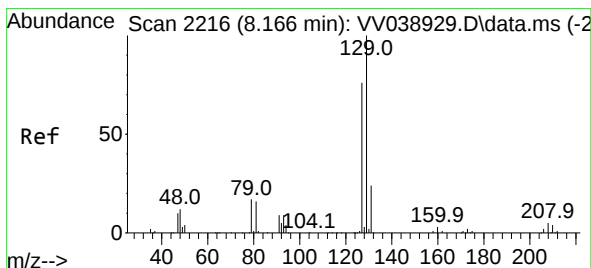
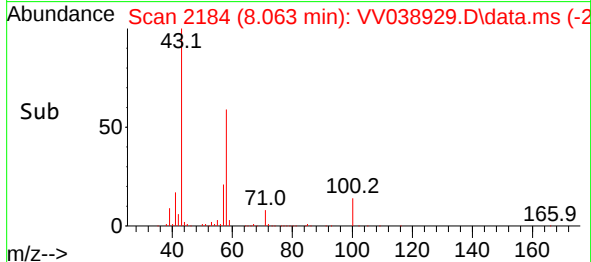
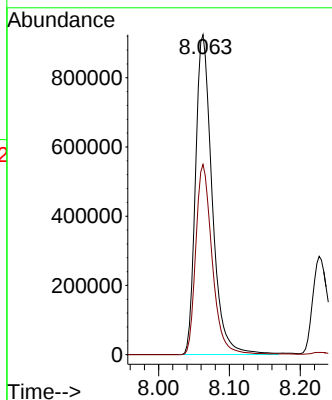
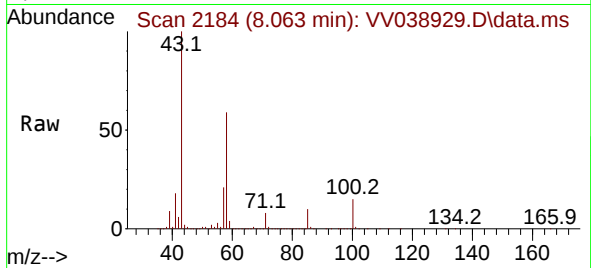




#59
2-Hexanone
Concen: 288.326 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

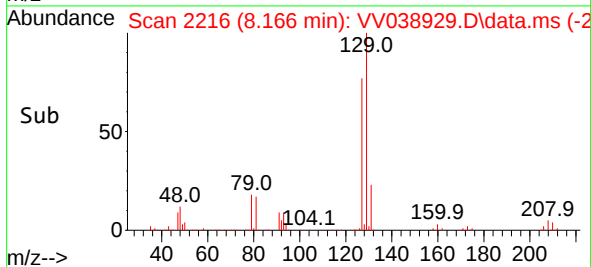
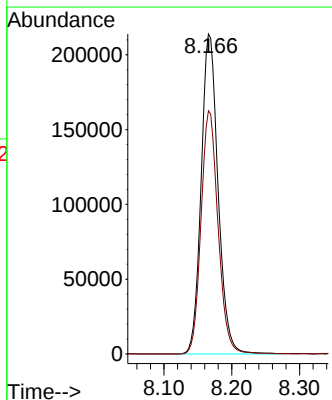
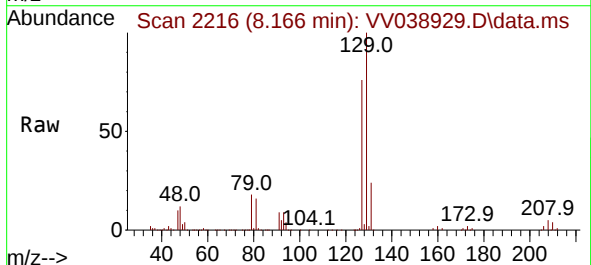
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

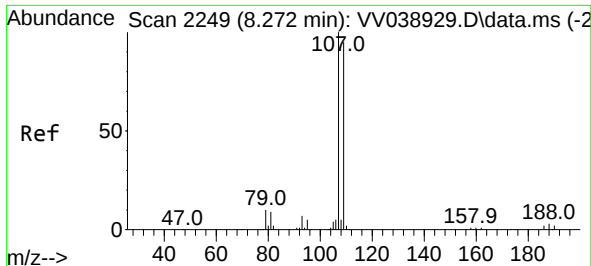
Tgt Ion: 43 Resp: 1506110
Ion Ratio Lower Upper
43 100
58 58.5 29.3 87.8



#60
Dibromochloromethane
Concen: 52.333 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion:129 Resp: 370817
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

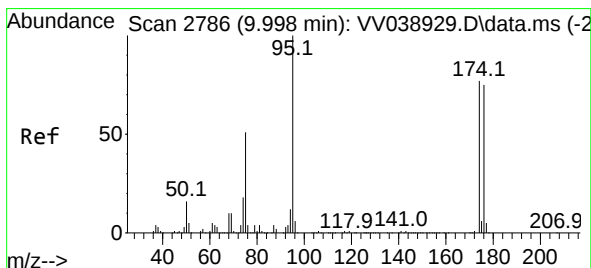
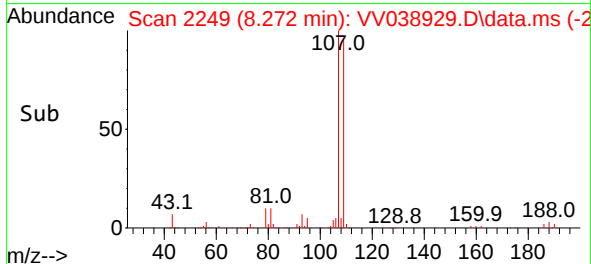
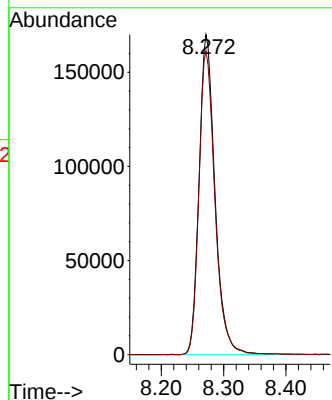
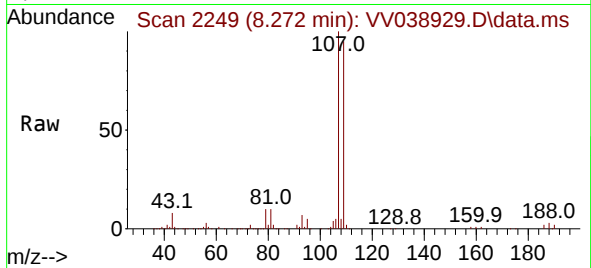




#61
1,2-Dibromoethane
Concen: 52.574 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

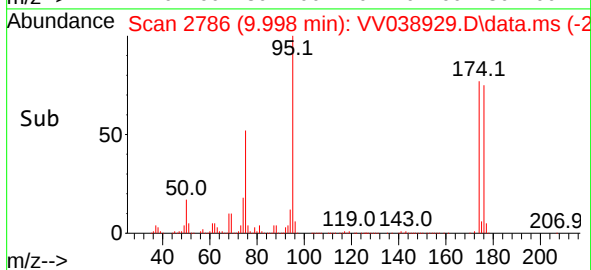
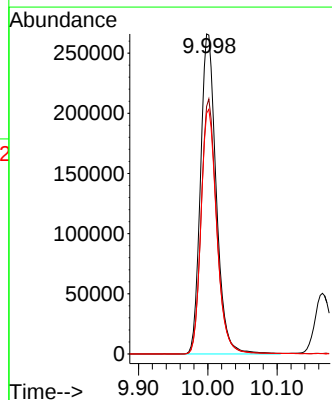
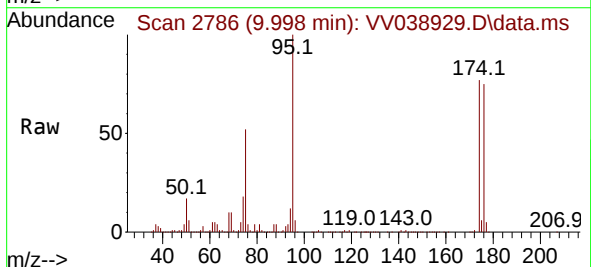
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

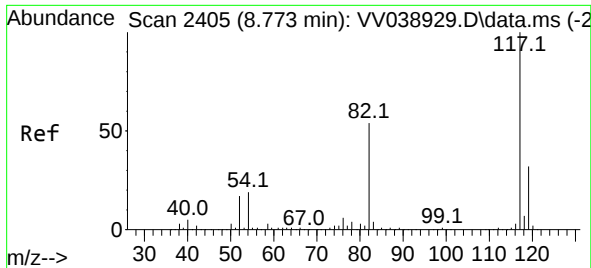
Tgt Ion:107 Resp: 301999
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 52.718 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 95 Resp: 419773
Ion Ratio Lower Upper
95 100
174 78.3 0.0 156.6
176 76.5 0.0 153.0

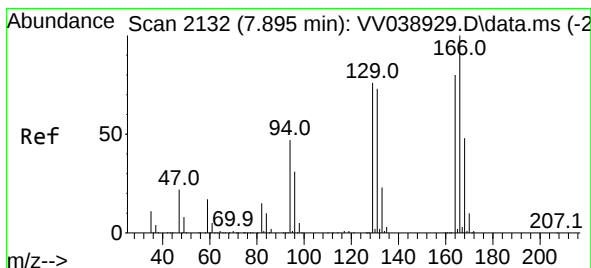
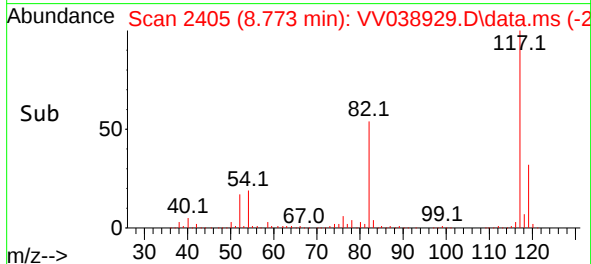
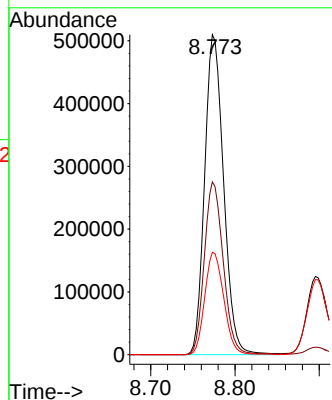
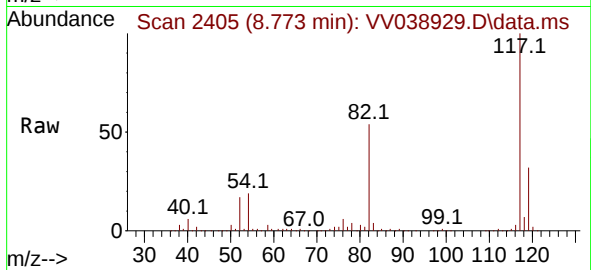




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

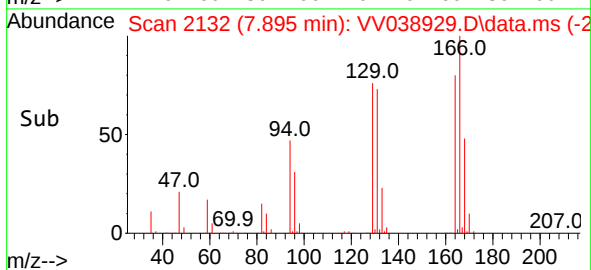
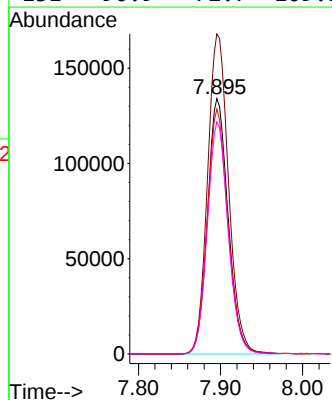
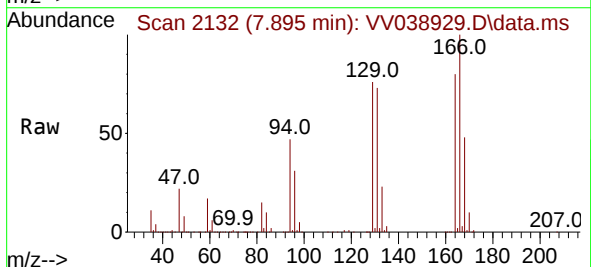
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

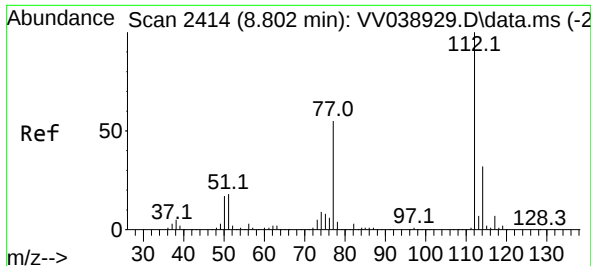
Tgt Ion:117 Resp: 801001
Ion Ratio Lower Upper
117 100
82 54.0 43.2 64.8
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 49.870 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion:164 Resp: 234446
Ion Ratio Lower Upper
164 100
166 125.3 100.2 150.4
129 95.9 76.7 115.1
131 90.9 72.7 109.1





#65

Chlorobenzene

Concen: 50.814 ug/l

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

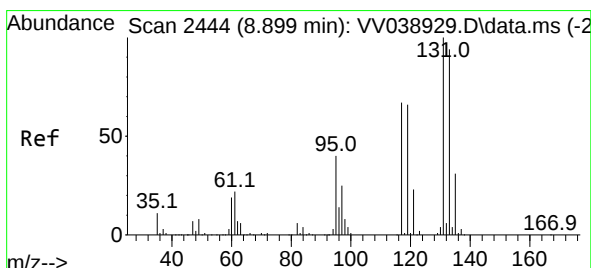
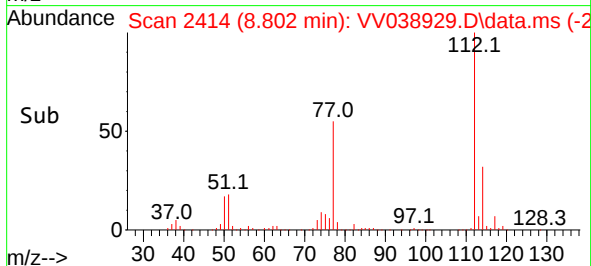
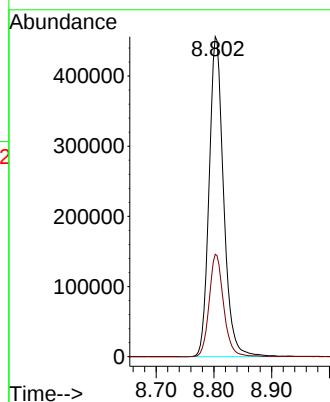
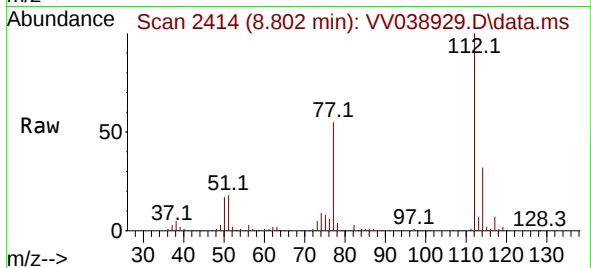
VSTDICCC050

Tgt Ion:112 Resp: 795656

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.794 ug/l

RT: 8.899 min Scan# 2444

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

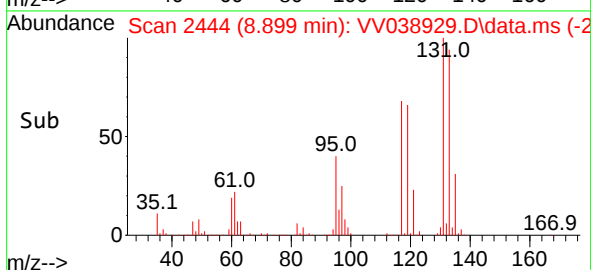
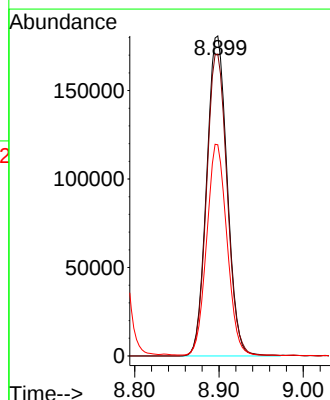
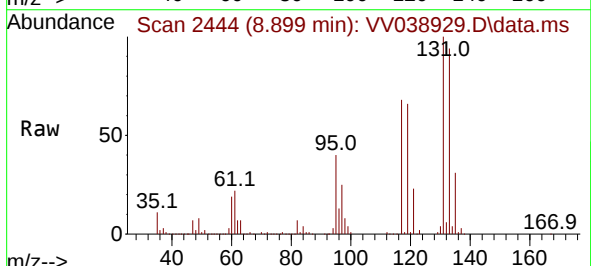
Tgt Ion:131 Resp: 306675

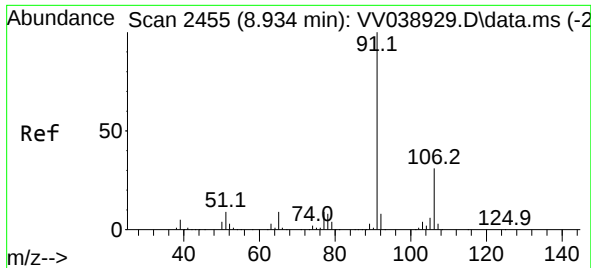
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.5

119 65.5 32.8 98.3





#67

Ethyl Benzene

Concen: 55.850 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

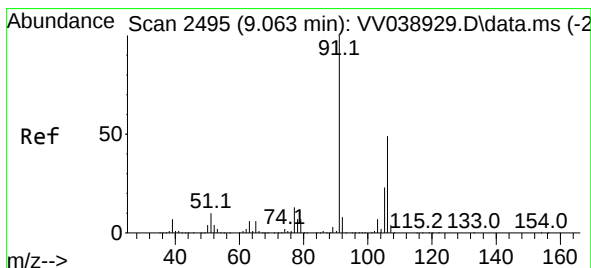
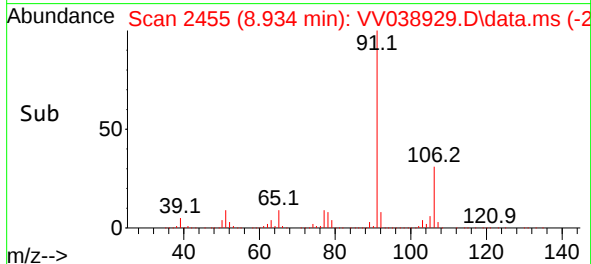
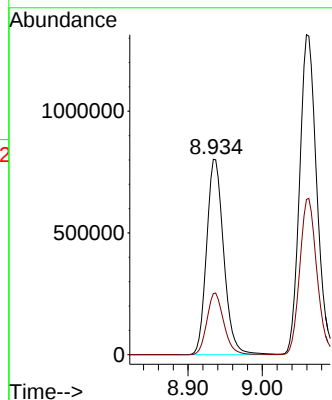
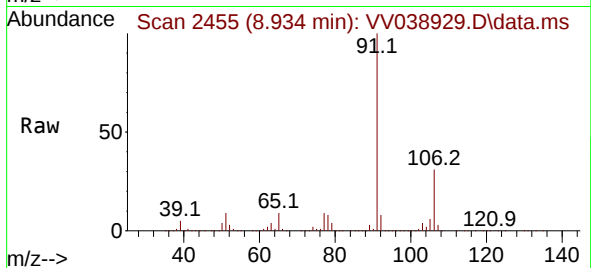
VSTDICCC050

Tgt Ion: 91 Resp: 1284470

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 116.713 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038929.D

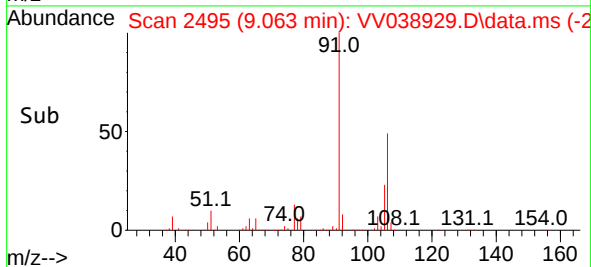
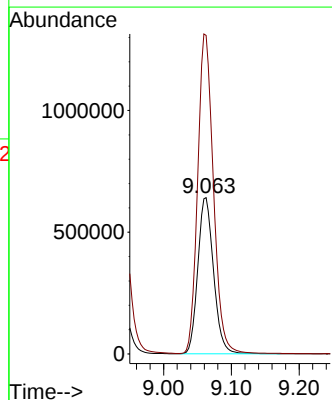
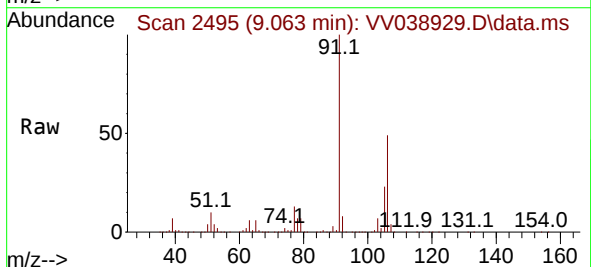
Acq: 08 Aug 2025 11:28

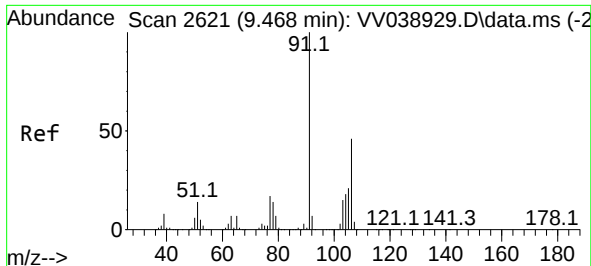
Tgt Ion:106 Resp: 1034493

Ion Ratio Lower Upper

106 100

91 204.3 163.4 245.2

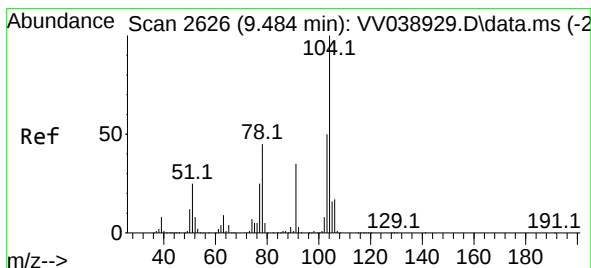
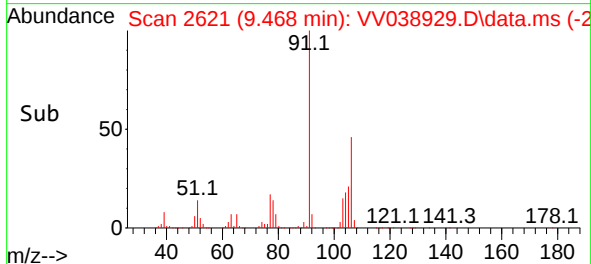
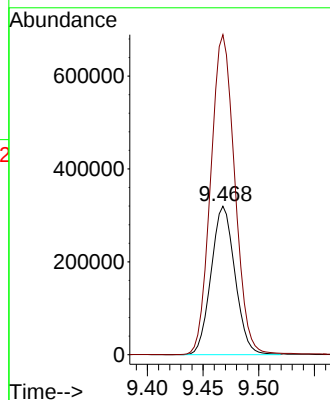
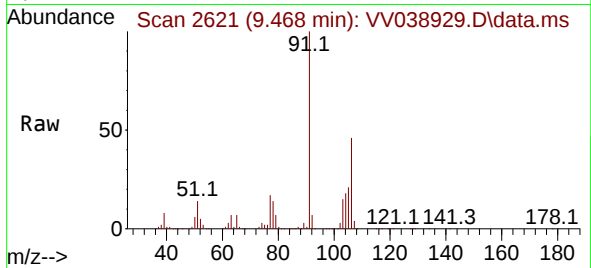




#69
o-Xylene
Concen: 57.247 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

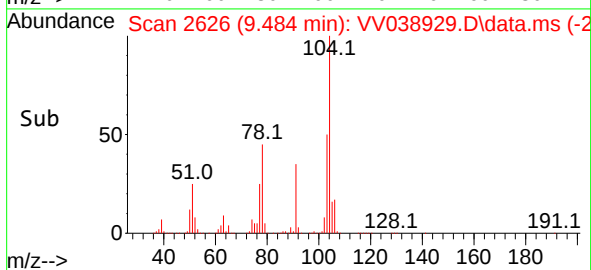
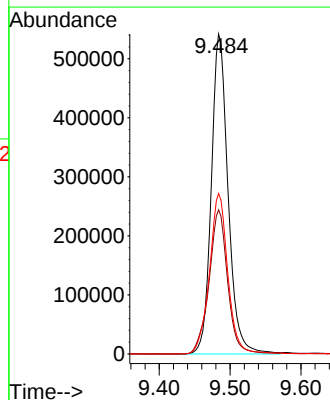
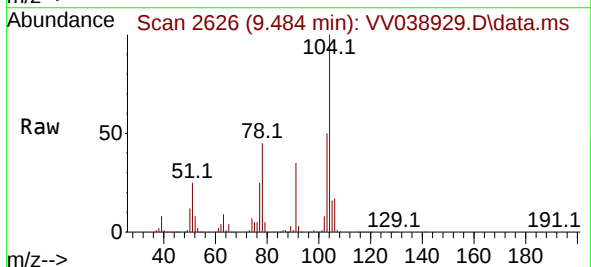
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

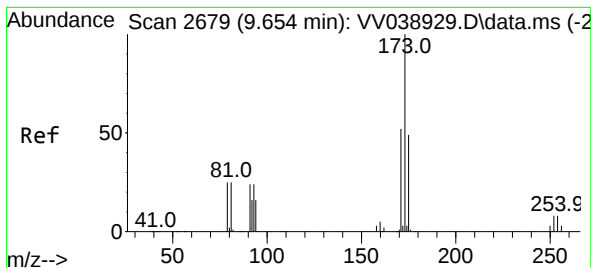
Tgt Ion:106 Resp: 477138
Ion Ratio Lower Upper
106 100
91 218.2 109.1 327.3



#70
Styrene
Concen: 59.428 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion:104 Resp: 891782
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 54.7 43.8 65.6





#71

Bromoform

Concen: 51.415 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

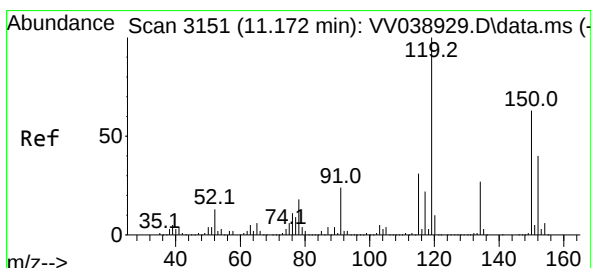
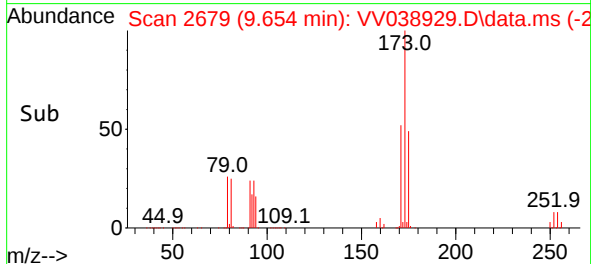
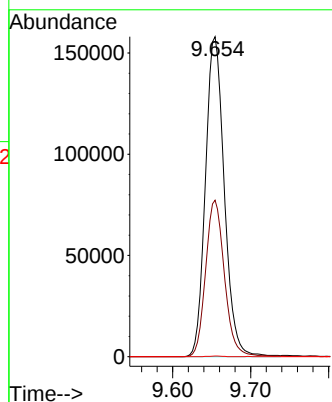
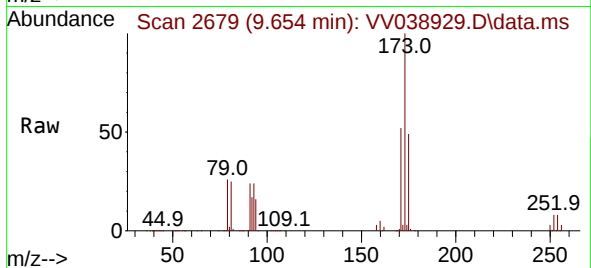
Tgt Ion:173 Resp: 266100

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

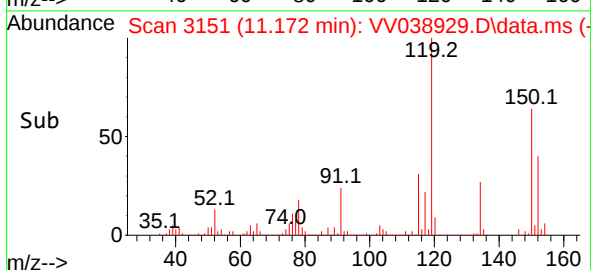
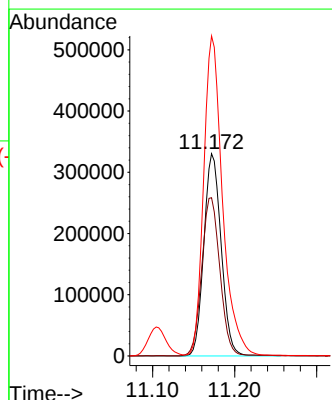
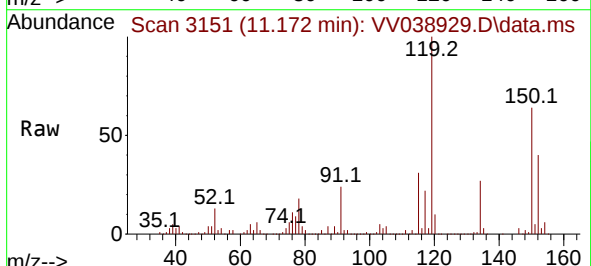
Tgt Ion:152 Resp: 483421

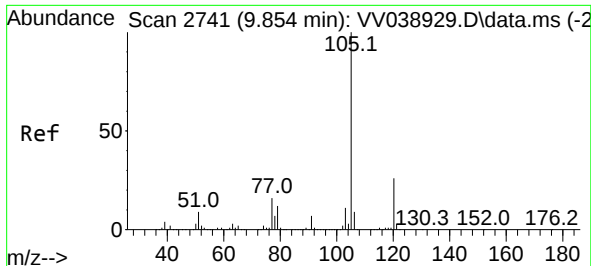
Ion Ratio Lower Upper

152 100

115 82.1 41.0 123.2

150 172.7 0.0 345.4

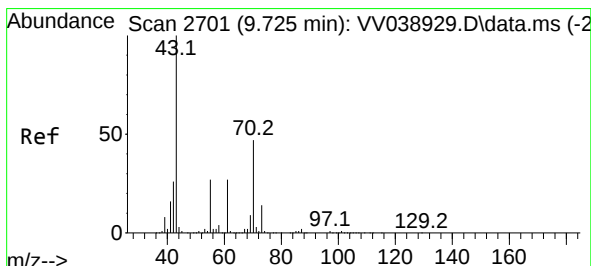
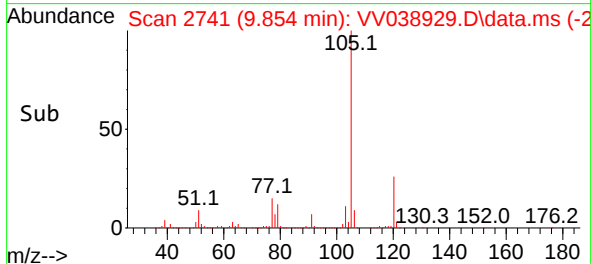
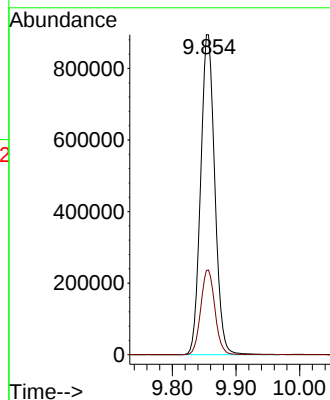
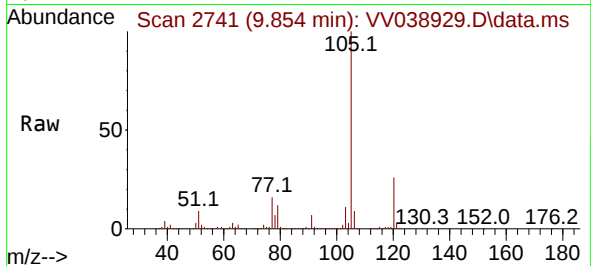




#73
Isopropylbenzene
Concen: 54.664 ug/l
RT: 9.854 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

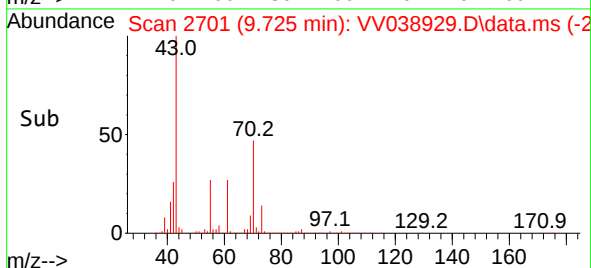
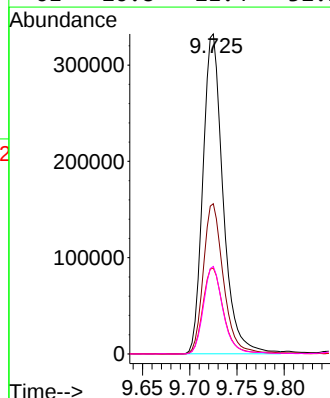
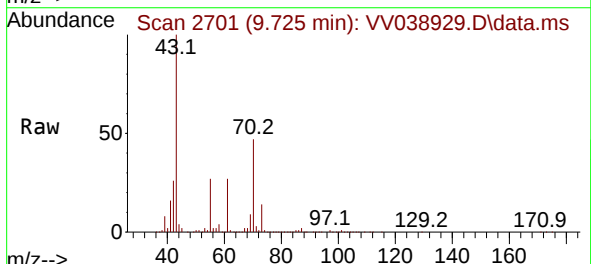
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

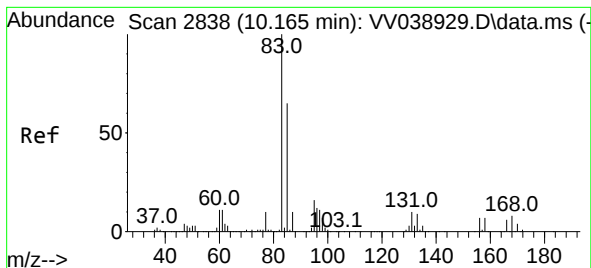
Tgt Ion:105 Resp: 1379296
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 55.548 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 43 Resp: 492549
Ion Ratio Lower Upper
43 100
70 46.7 37.4 56.0
55 27.6 22.1 33.1
61 26.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.339 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

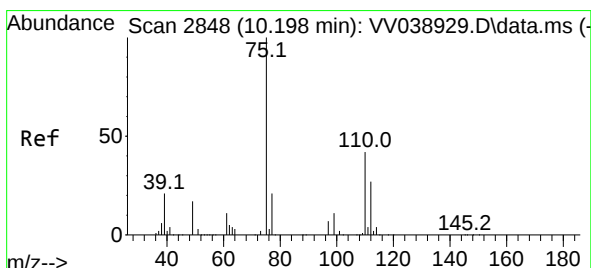
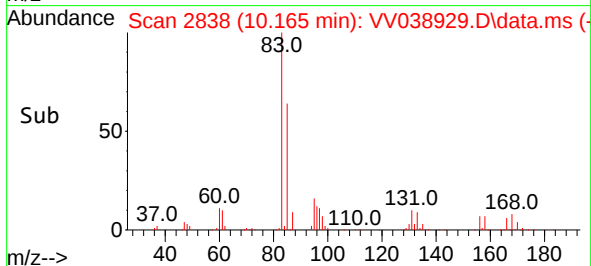
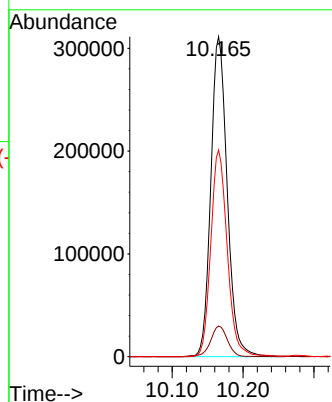
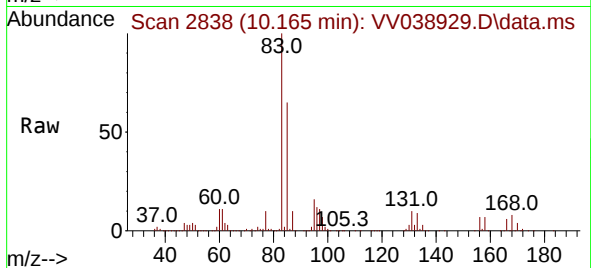
Tgt Ion: 83 Resp: 499926

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 64.9 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 48.053 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038929.D

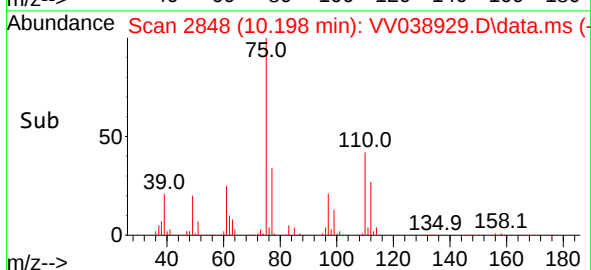
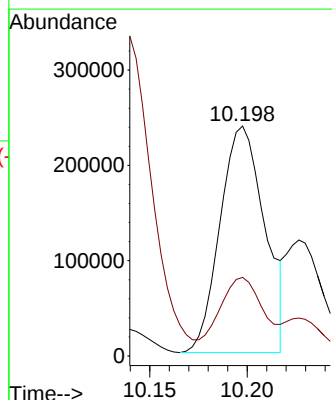
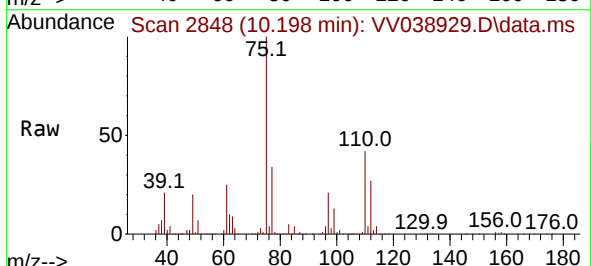
Acq: 08 Aug 2025 11:28

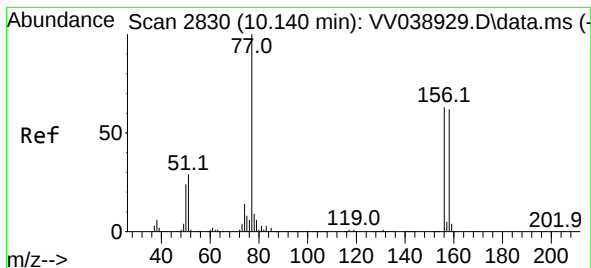
Tgt Ion: 75 Resp: 379820

Ion Ratio Lower Upper

75 100

77 23.9 11.9 35.9





#77

Bromobenzene

Concen: 49.947 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

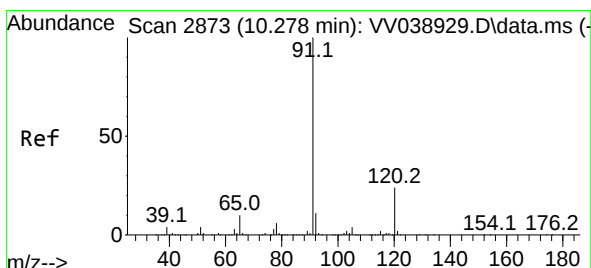
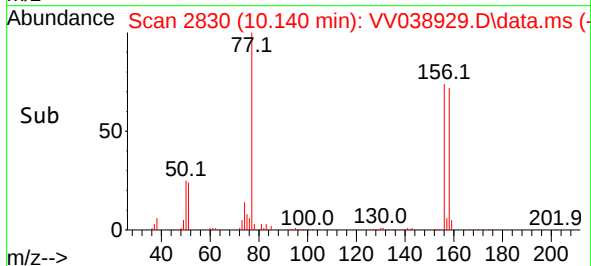
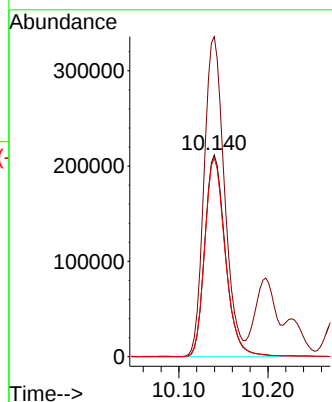
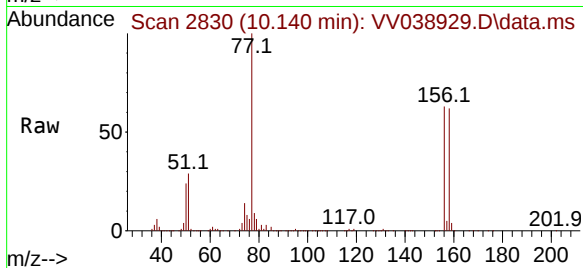
Tgt Ion:156 Resp: 338321

Ion Ratio Lower Upper

156 100

77 157.7 78.8 236.5

158 99.2 49.6 148.8



#78

n-propylbenzene

Concen: 55.713 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038929.D

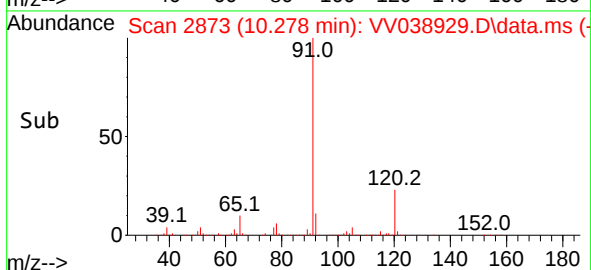
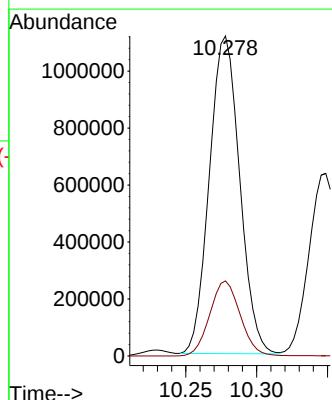
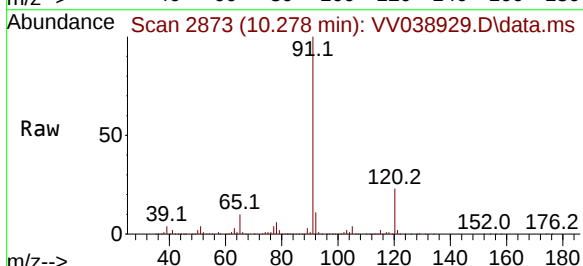
Acq: 08 Aug 2025 11:28

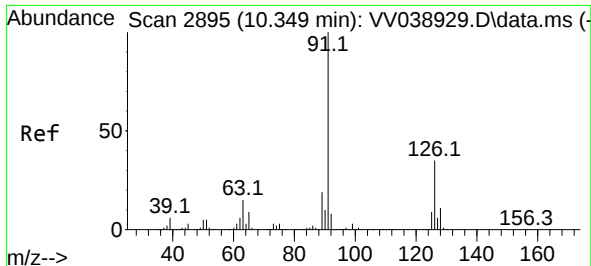
Tgt Ion: 91 Resp: 1658390

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.7

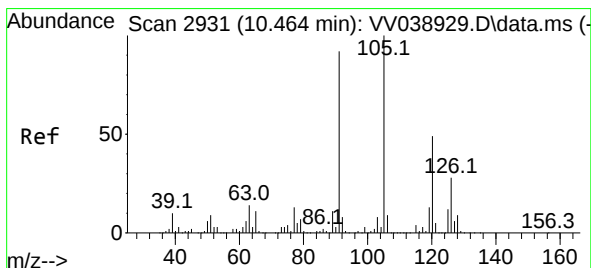
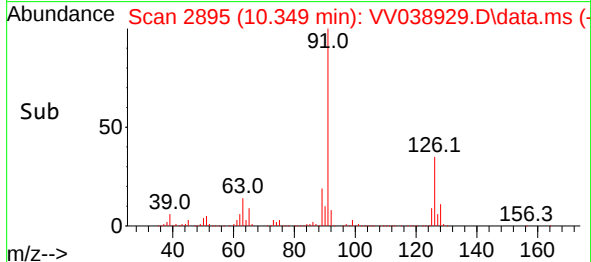
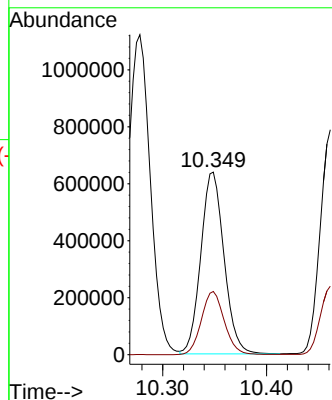
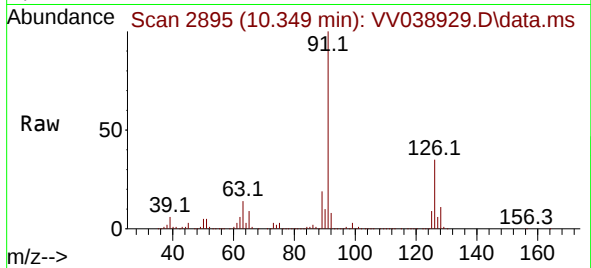




#79
2-Chlorotoluene
Concen: 54.092 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

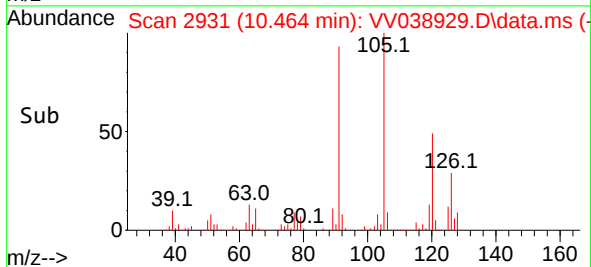
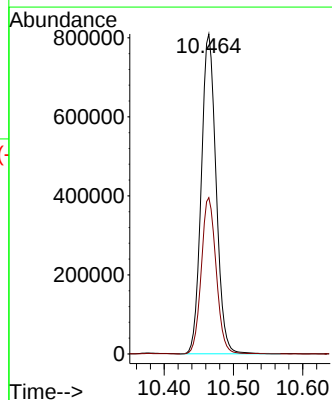
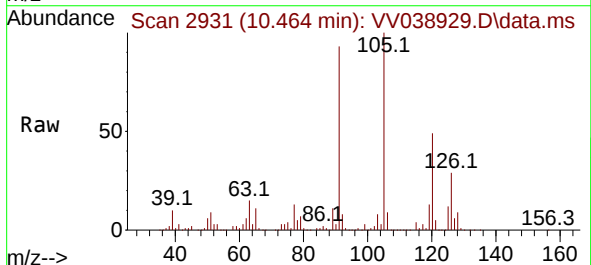
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

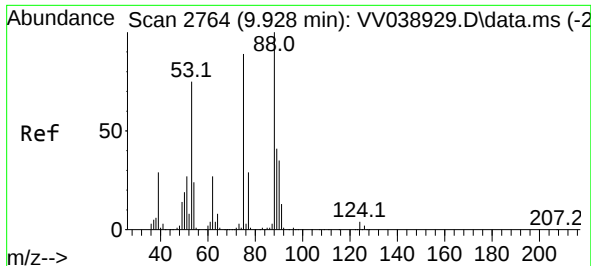
Tgt Ion: 91 Resp: 988277
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 56.540 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 105 Resp: 1203686
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.6

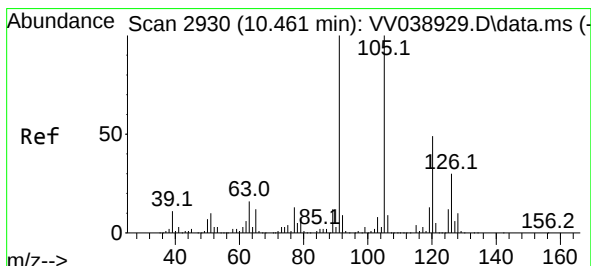
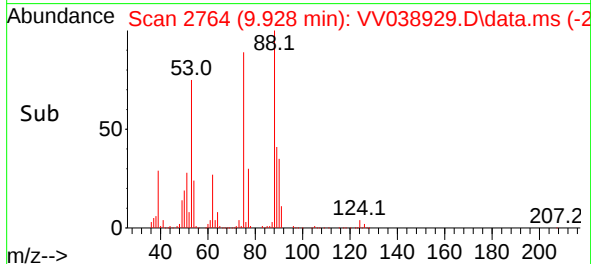
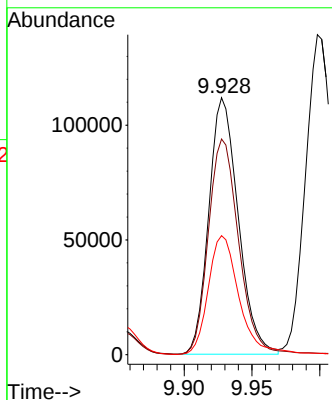
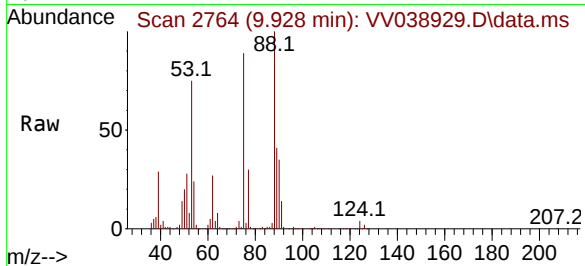




#81
trans-1,4-Dichloro-2-butene
Concen: 53.565 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

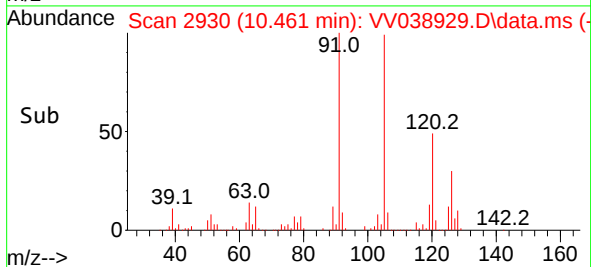
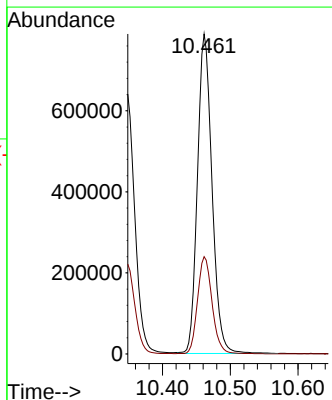
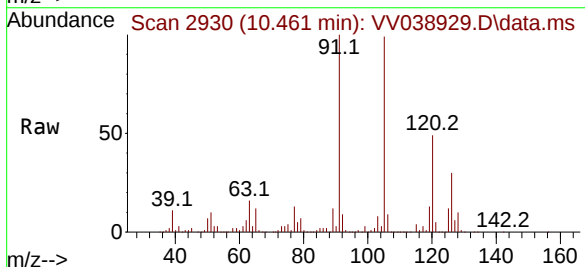
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

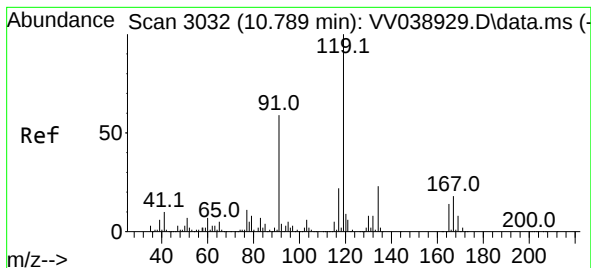
Tgt Ion: 75 Resp: 168986
Ion Ratio Lower Upper
75 100
53 86.2 69.0 103.4
89 48.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 55.101 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038929.D
Acq: 08 Aug 2025 11:28

Tgt Ion: 91 Resp: 1177395
Ion Ratio Lower Upper
91 100
126 30.0 15.0 45.0





#83

tert-Butylbenzene

Concen: 53.606 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

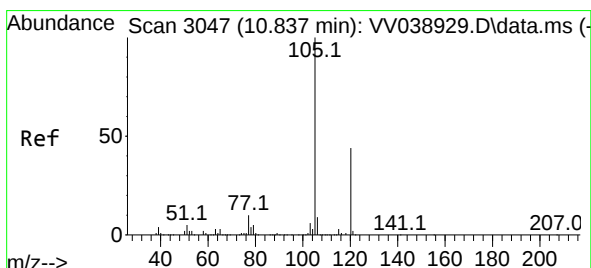
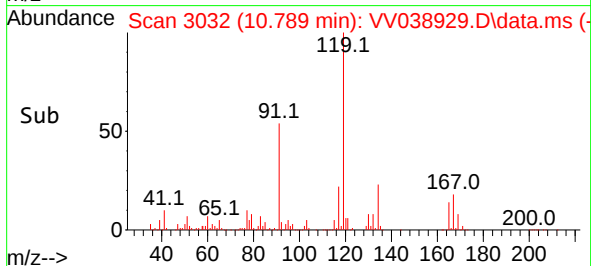
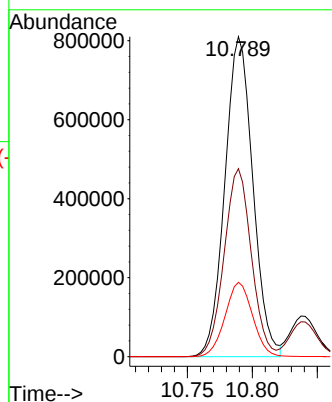
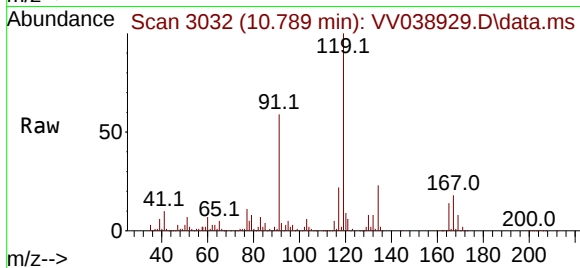
Tgt Ion:119 Resp: 1215717

Ion Ratio Lower Upper

119 100

91 57.0 28.5 85.5

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 57.269 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038929.D

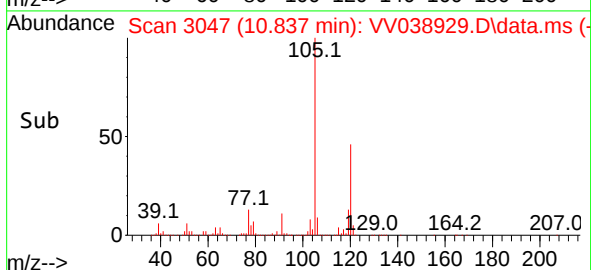
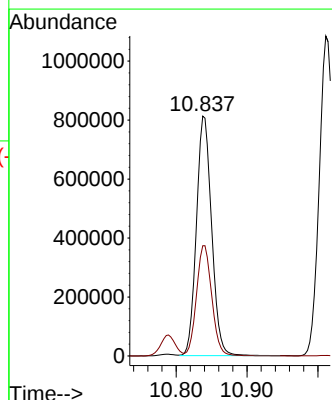
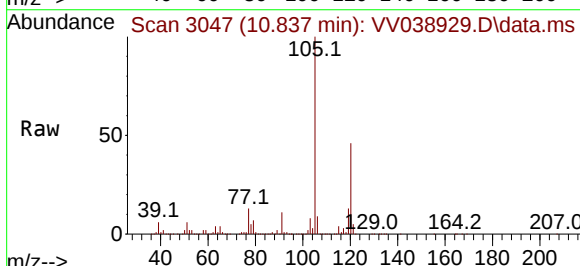
Acq: 08 Aug 2025 11:28

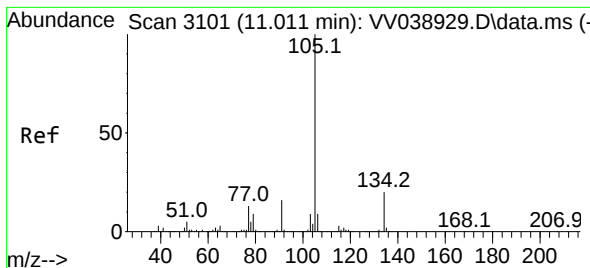
Tgt Ion:105 Resp: 1210004

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 55.388 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

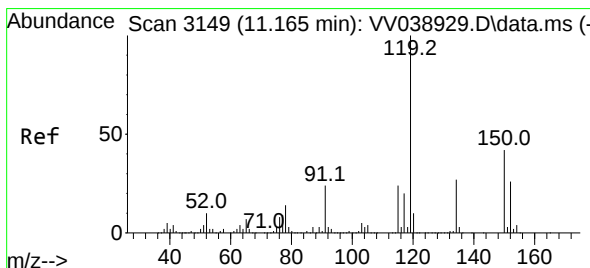
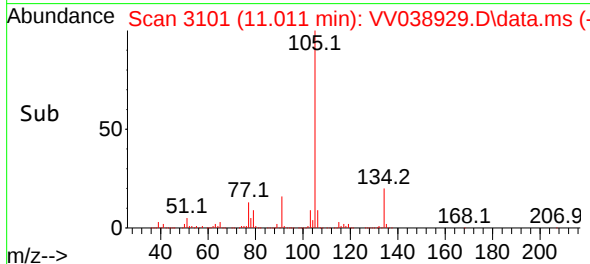
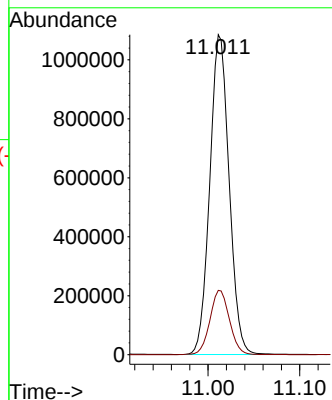
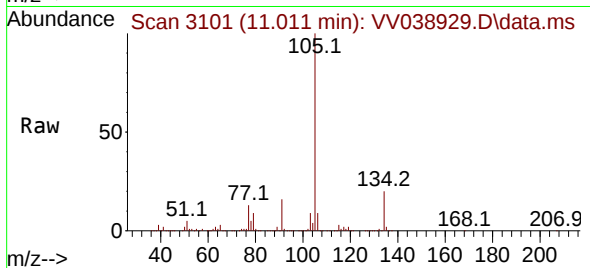
VSTDICCC050

Tgt Ion:105 Resp: 1587231

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.155 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

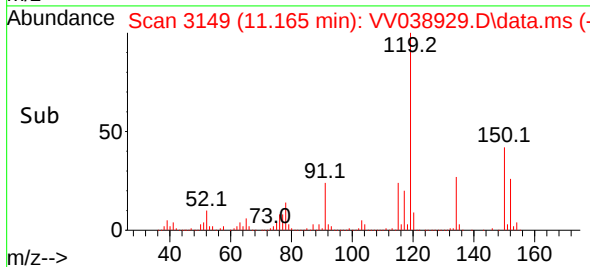
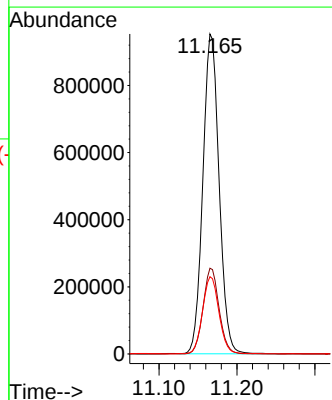
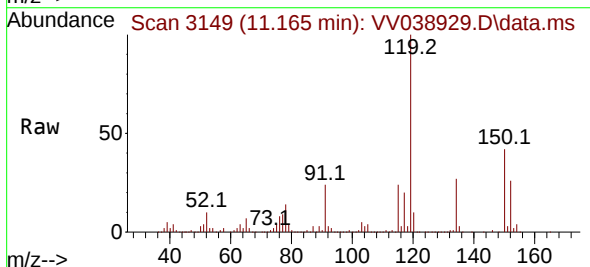
Tgt Ion:119 Resp: 1376863

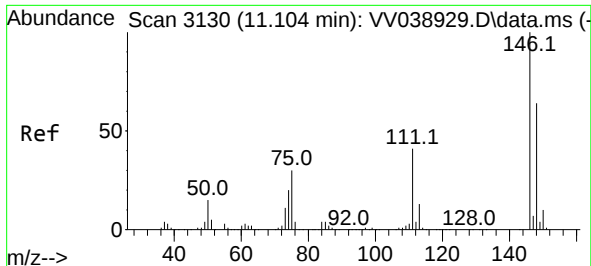
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 49.748 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

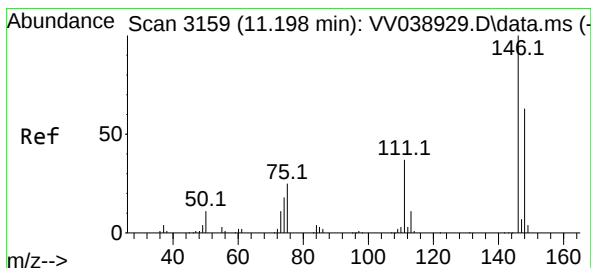
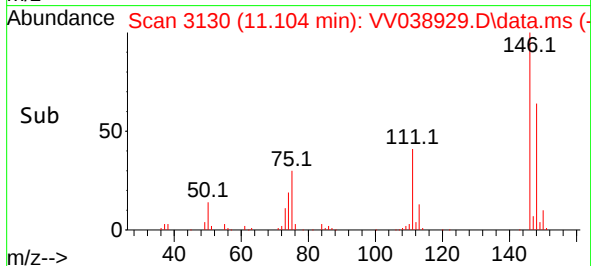
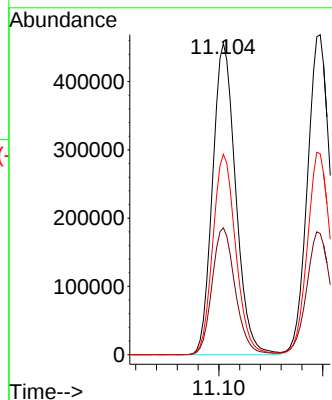
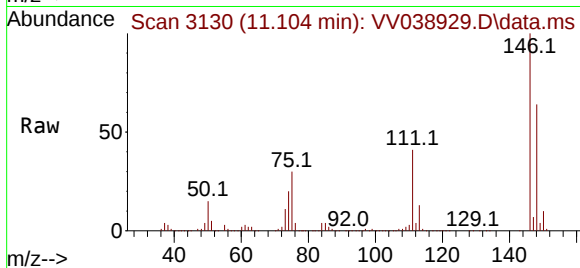
Tgt Ion:146 Resp: 704381

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 47.694 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

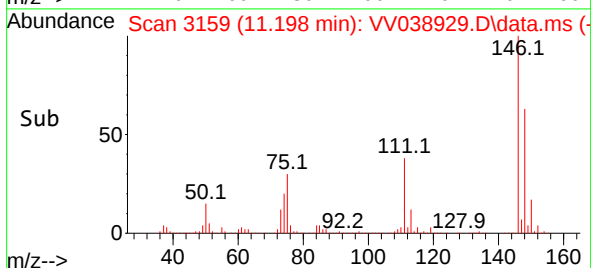
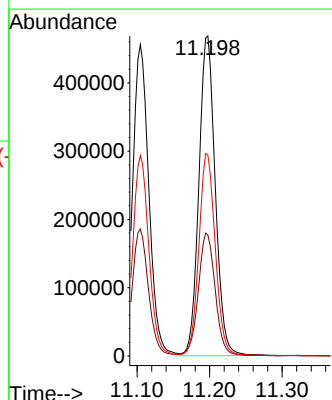
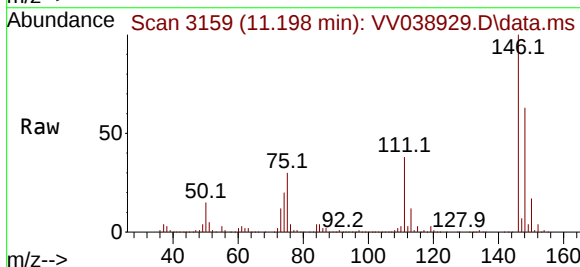
Tgt Ion:146 Resp: 735407

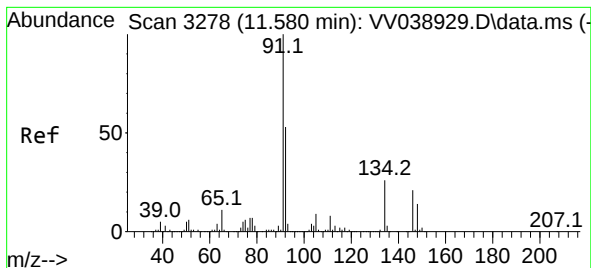
Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

148 62.8 31.4 94.2





#89

n-Butylbenzene

Concen: 56.409 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

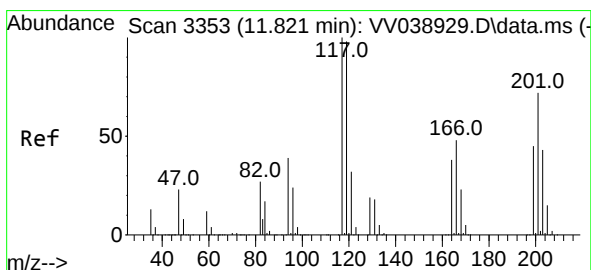
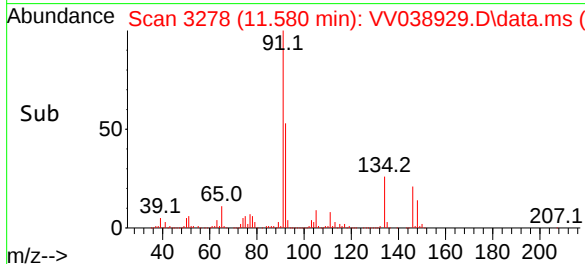
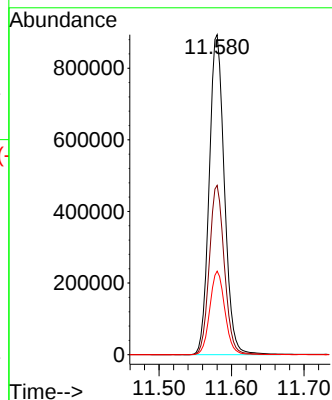
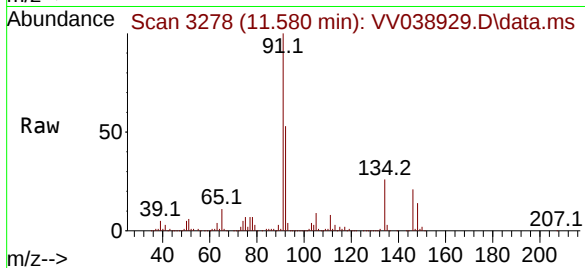
MSVOA_V

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1301806

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.6
134	25.9	13.0	38.9



#90

Hexachloroethane

Concen: 47.884 ug/l

RT: 11.821 min Scan# 3353

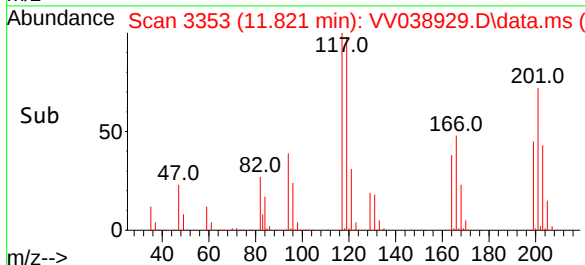
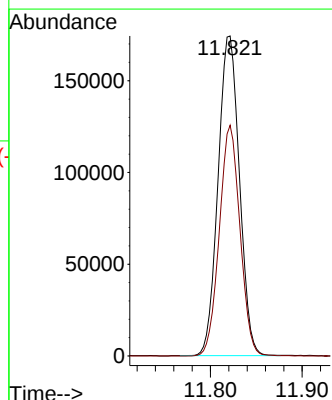
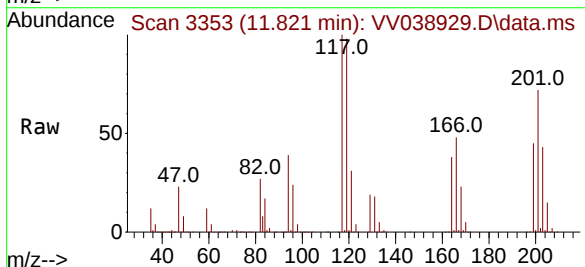
Delta R.T. 0.000 min

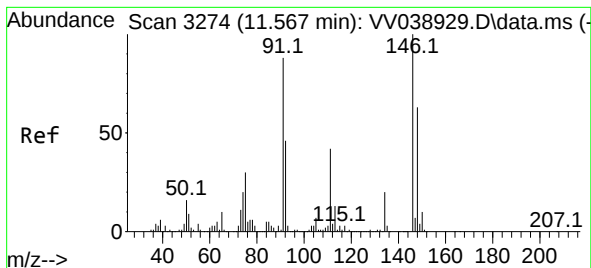
Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Tgt Ion: 117 Resp: 281975

Ion	Ratio	Lower	Upper
117	100		
201	69.7	34.8	104.5





#91

1,2-Dichlorobenzene

Concen: 50.363 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

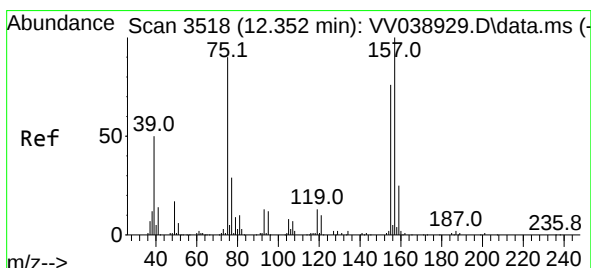
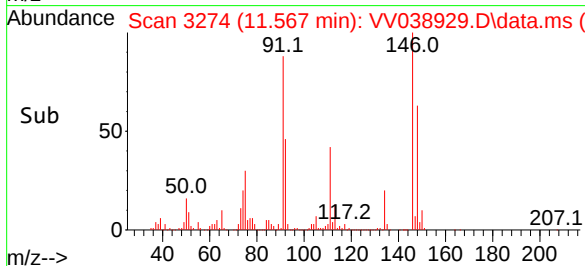
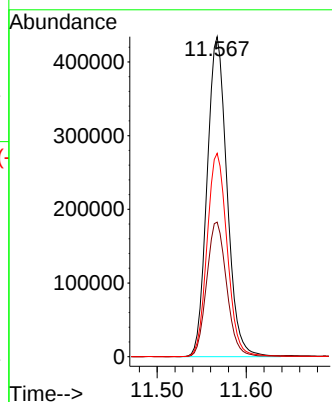
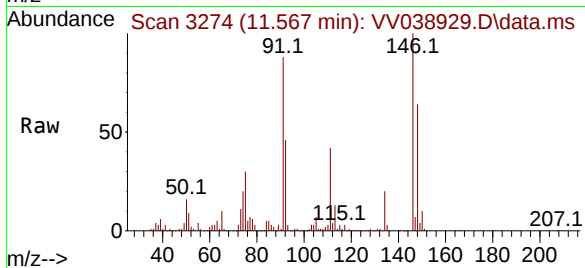
Tgt Ion:146 Resp: 674037

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.3

148 64.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.566 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

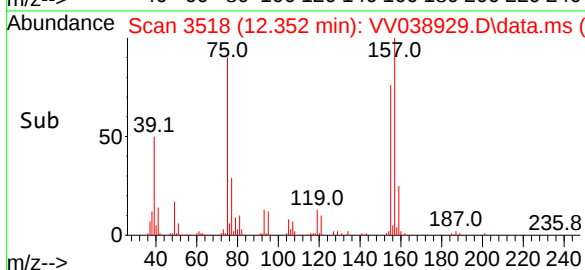
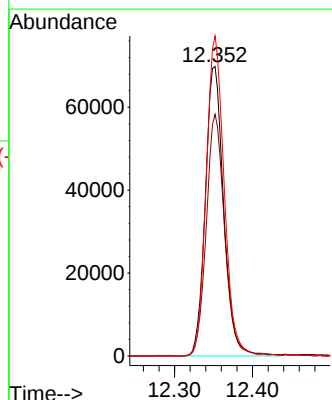
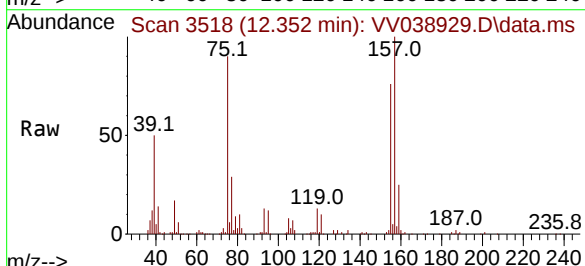
Tgt Ion: 75 Resp: 114756

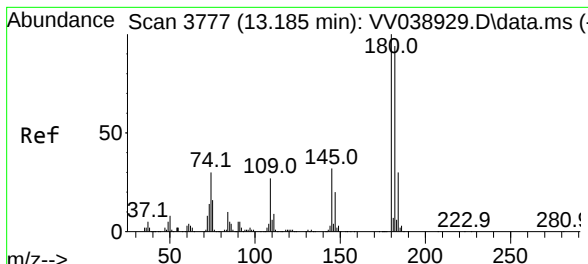
Ion Ratio Lower Upper

75 100

155 82.8 41.4 124.2

157 107.2 53.6 160.8

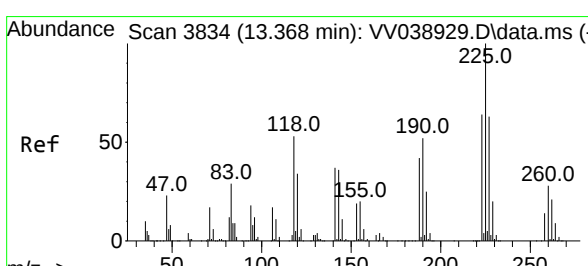
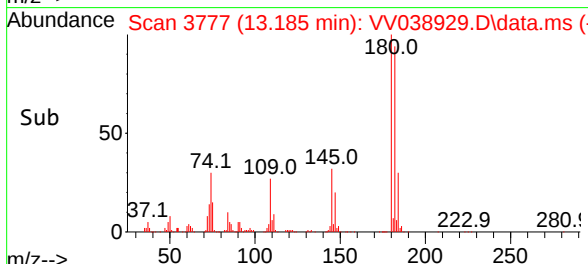
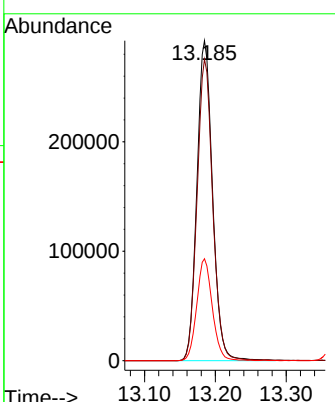
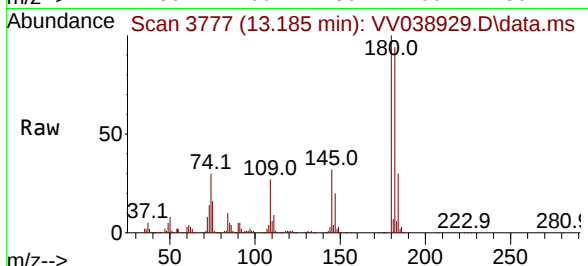




#93
 1,2,4-Trichlorobenzene
 Concen: 53.038 ug/l
 RT: 13.185 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV038929.D
 Acq: 08 Aug 2025 11:28

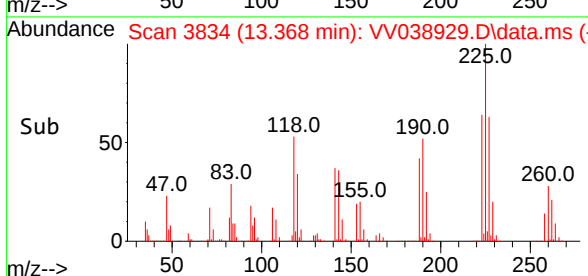
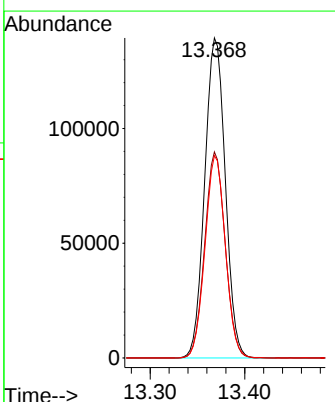
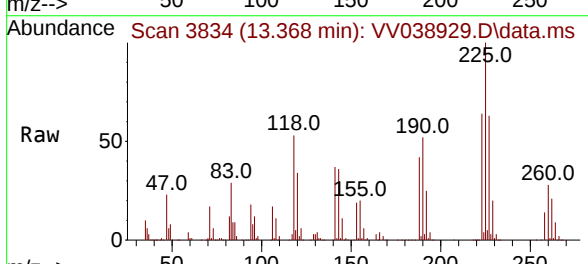
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

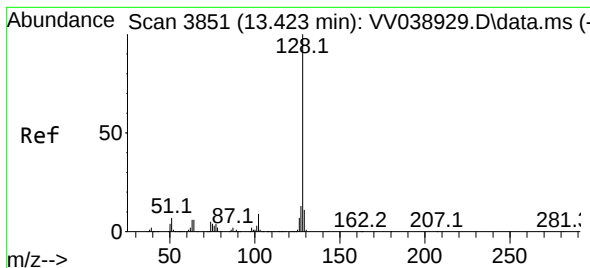
Tgt Ion:	180	Resp:	447722
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.1	141.3
145	31.7	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 47.295 ug/l
 RT: 13.368 min Scan# 3834
 Delta R.T. 0.000 min
 Lab File: VV038929.D
 Acq: 08 Aug 2025 11:28

Tgt Ion:	225	Resp:	210960
Ion Ratio	Lower	Upper	
225	100		
223	64.0	32.0	96.0
227	62.6	31.3	93.9





#95

Naphthalene

Concen: 57.004 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

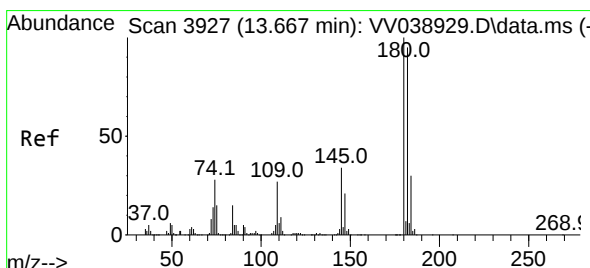
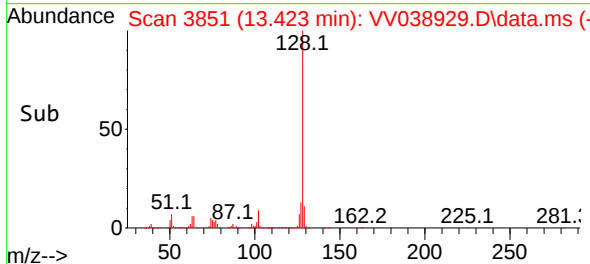
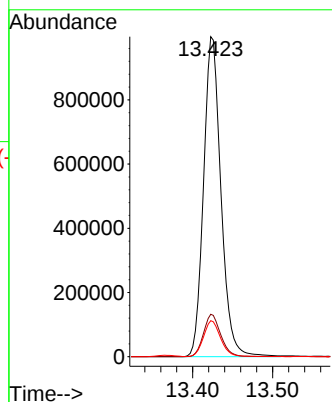
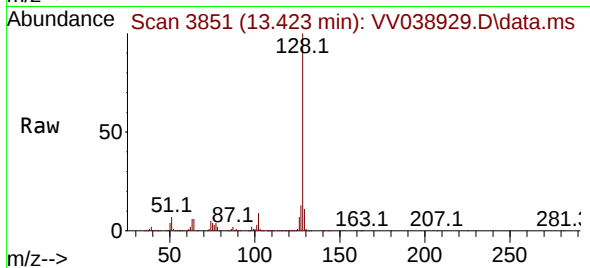
Tgt Ion:128 Resp: 1509967

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.638 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038929.D

Acq: 08 Aug 2025 11:28

Tgt Ion:180 Resp: 463361

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 34.2 17.1 51.3

