

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038943.D
 Acq On : 11 Aug 2025 15:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 12 01:50:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	555774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	851975	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	809623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	486359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	369335	46.209	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	92.420%
35) Dibromofluoromethane	4.494	113	317523	49.126	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	98.260%
50) Toluene-d8	7.233	98	1122029	50.124	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	100.240%
62) 4-Bromofluorobenzene	9.998	95	422336	52.387	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	187652	50.183	ug/l	99
3) Chloromethane	1.230	50	170068	47.667	ug/l	100
4) Vinyl Chloride	1.294	62	217074	49.515	ug/l	96
5) Bromomethane	1.487	94	156954	45.672	ug/l	94
6) Chloroethane	1.555	64	151092	47.916	ug/l	94
7) Trichlorofluoromethane	1.722	101	402550	46.367	ug/l	99
8) Diethyl Ether	1.915	74	130270	40.239	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	212635	38.340	ug/l	97
10) Methyl Iodide	2.191	142	240902	45.590	ug/l	96
11) Tert butyl alcohol	2.568	59	313699	232.064	ug/l	99
12) 1,1-Dichloroethene	2.079	96	179983	39.158	ug/l	97
13) Acrolein	2.005	56	165326	158.911	ug/l	97
14) Allyl chloride	2.355	41	279068	34.719	ug/l	94
15) Acrylonitrile	2.671	53	847107	237.366	ug/l	99
16) Acetone	2.114	43	402862	140.416	ug/l	99
17) Carbon Disulfide	2.249	76	258111	34.776	ug/l	98
18) Methyl Acetate	2.375	43	425905	41.400	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	931940	49.277	ug/l	99
20) Methylene Chloride	2.452	84	227928	34.524	ug/l	95
21) trans-1,2-Dichloroethene	2.696	96	231201	46.279	ug/l	97
22) Diisopropyl ether	3.211	45	875602	53.869	ug/l	94
23) Vinyl Acetate	3.185	43	3159119	261.634	ug/l	99
24) 1,1-Dichloroethane	3.114	63	514610	49.366	ug/l	99
25) 2-Butanone	3.860	43	976140	268.151	ug/l	99
26) 2,2-Dichloropropane	3.806	77	451721	48.904	ug/l	98
27) cis-1,2-Dichloroethene	3.815	96	304800	50.881	ug/l	100
28) Bromochloromethane	4.140	49	162433	46.387	ug/l	96
29) Tetrahydrofuran	4.230	42	636224	266.944	ug/l	98
30) Chloroform	4.272	83	555705	48.992	ug/l	100
31) Cyclohexane	4.577	56	308998	48.122	ug/l	97
32) 1,1,1-Trichloroethane	4.506	97	482841	49.494	ug/l	99
36) 1,1-Dichloropropene	4.741	75	300097	52.221	ug/l	98
37) Ethyl Acetate	3.970	43	360996	47.416	ug/l	98
38) Carbon Tetrachloride	4.728	117	384427	50.646	ug/l	99
39) Methylcyclohexane	6.043	83	337178	54.059	ug/l	99
40) Benzene	5.005	78	1019870	53.672	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	181795	59.044	ug/l	99
42) 1,2-Dichloroethane	5.034	62	371896	50.477	ug/l	99
43) Isopropyl Acetate	5.188	43	578460	54.688	ug/l	98
44) Trichloroethene	5.828	130	258209	50.989	ug/l	92
45) 1,2-Dichloropropane	6.085	63	278653	52.620	ug/l	99
46) Dibromomethane	6.220	93	209562	53.458	ug/l	98
47) Bromodichloromethane	6.423	83	454852	52.226	ug/l	97
48) Methyl methacrylate	6.294	41	273392	58.370	ug/l	100
49) 1,4-Dioxane	6.285	88	104570	1071.173	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	2119654	289.294	ug/l	99
52) Toluene	7.304	92	683343	57.078	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	425115	55.795	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	450668	54.179	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	309521	52.832	ug/l	98
56) Ethyl methacrylate	7.712	69	429551	62.589	ug/l	98
57) 1,3-Dichloropropane	7.931	76	487908	54.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	911412	265.124	ug/l	99
59) 2-Hexanone	8.059	43	1578780	298.517	ug/l	99
60) Dibromochloromethane	8.165	129	370759	51.681	ug/l	99
61) 1,2-Dibromoethane	8.272	107	317237	54.547	ug/l	99
64) Tetrachloroethene	7.892	164	240967	50.712	ug/l	95
65) Chlorobenzene	8.802	112	813127	51.377	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	315240	50.640	ug/l	99
67) Ethyl Benzene	8.934	91	1318178	56.705	ug/l	100
68) m/p-Xylenes	9.059	106	1060898	118.417	ug/l	99
69) o-Xylene	9.468	106	499192	59.255	ug/l	98
70) Styrene	9.484	104	924795	60.972	ug/l	99
71) Bromoform	9.651	173	270822	51.770	ug/l #	99
73) Isopropylbenzene	9.854	105	1411511	55.602	ug/l	100
74) N-amyl acetate	9.722	43	520504	58.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	517834	47.709	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	395911	49.822	ug/l	99
77) Bromobenzene	10.140	156	352972	51.795	ug/l	97
78) n-propylbenzene	10.275	91	1709704	57.090	ug/l	99
79) 2-Chlorotoluene	10.345	91	1025885	55.811	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1240699	57.926	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	172060	54.210	ug/l	97
82) 4-Chlorotoluene	10.461	91	1209633	56.268	ug/l	100
83) tert-Butylbenzene	10.789	119	1233685	54.070	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1242778	58.464	ug/l	98
85) sec-Butylbenzene	11.011	105	1644606	57.043	ug/l	99
86) p-Isopropyltoluene	11.165	119	1390088	55.348	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	712376	50.009	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	738835	47.670	ug/l	98
89) n-Butylbenzene	11.580	91	1342988	57.842	ug/l	99
90) Hexachloroethane	11.821	117	286493	48.357	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	685229	50.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	114797	48.612	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	445586	52.466	ug/l	98
94) Hexachlorobutadiene	13.368	225	206114	45.929	ug/l	99
95) Naphthalene	13.423	128	1545263	57.984	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	465693	53.582	ug/l	99

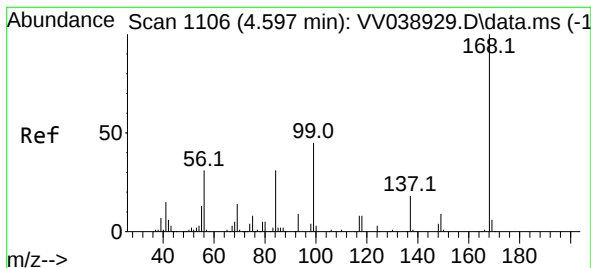
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.593 min Scan# 11

Delta R.T. -0.004 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

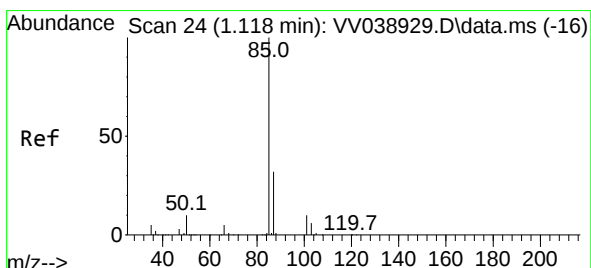
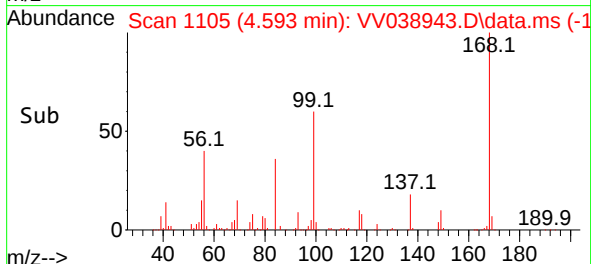
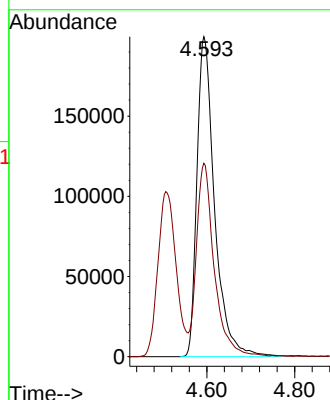
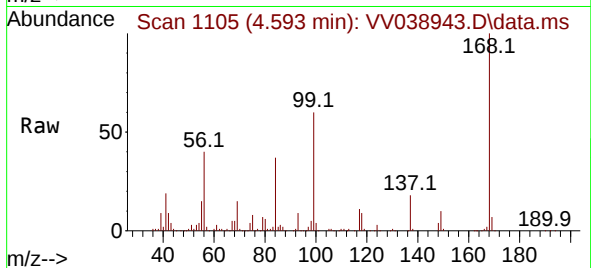
VSTDC0050EC

Tgt Ion:168 Resp: 555774

Ion Ratio Lower Upper

168 100

99 60.1 47.3 70.9



#2

Dichlorodifluoromethane

Concen: 50.183 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV038943.D

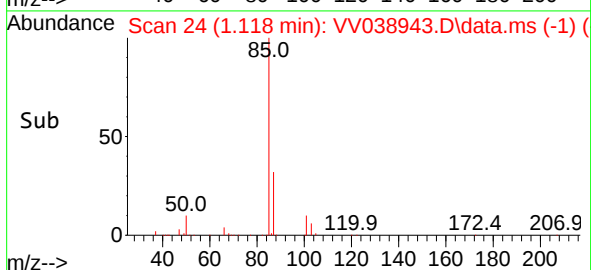
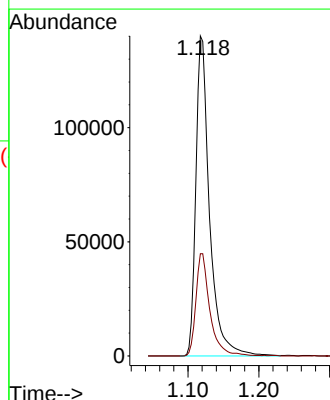
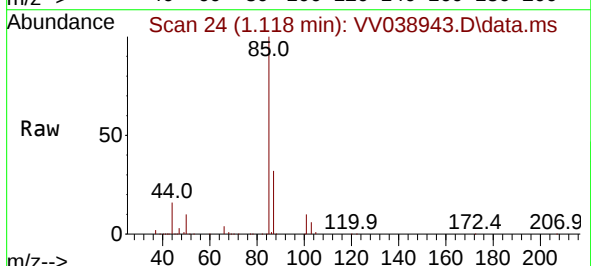
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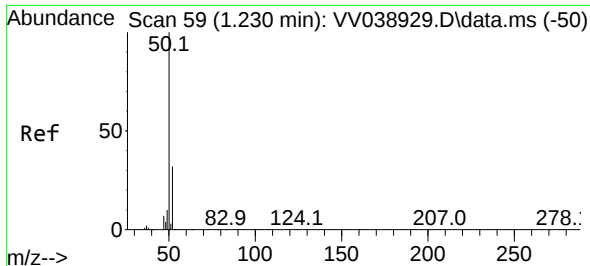
Tgt Ion: 85 Resp: 187652

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6

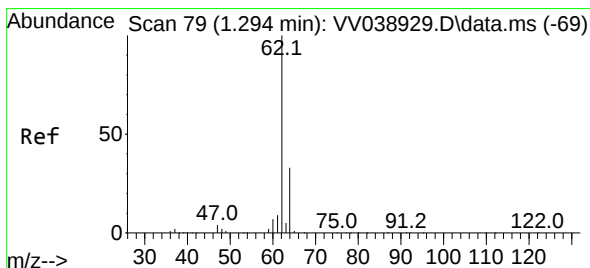
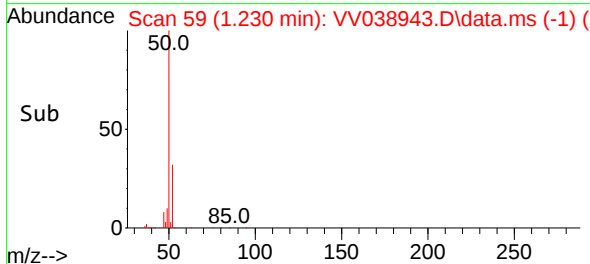
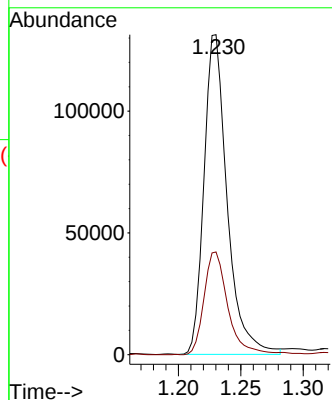
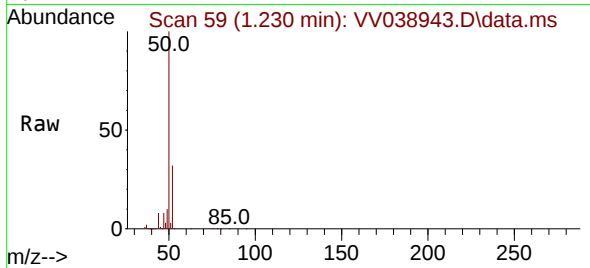




#3
Chloromethane
Concen: 47.667 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

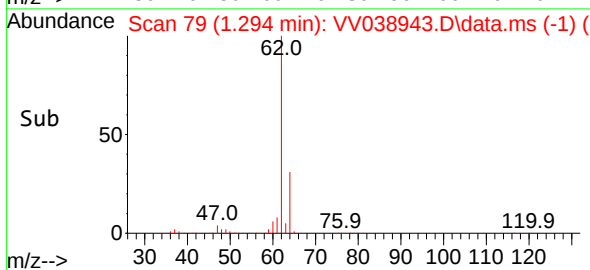
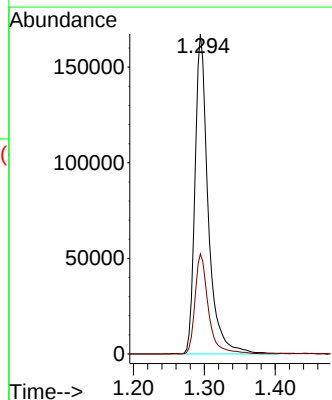
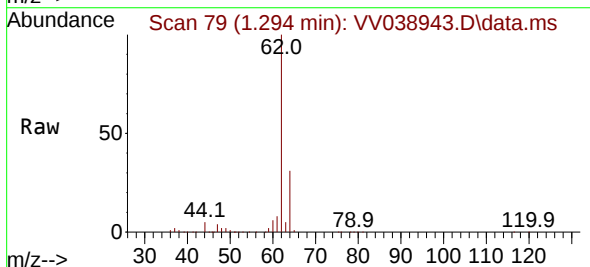
Instrument :
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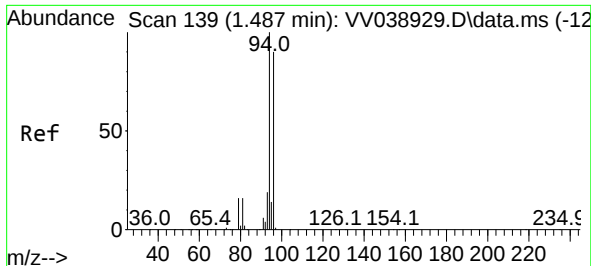
Tgt Ion: 50 Resp: 170068
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9



#4
Vinyl Chloride
Concen: 49.515 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 62 Resp: 217074
Ion Ratio Lower Upper
62 100
64 31.2 26.6 40.0

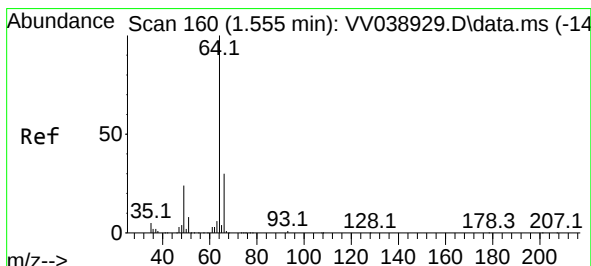
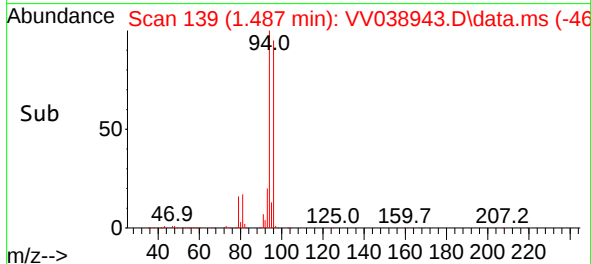
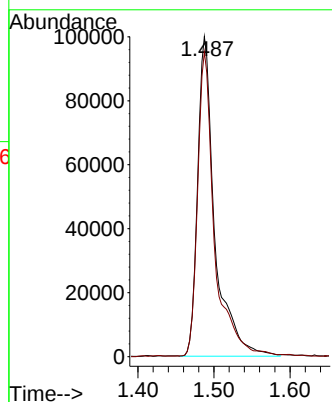
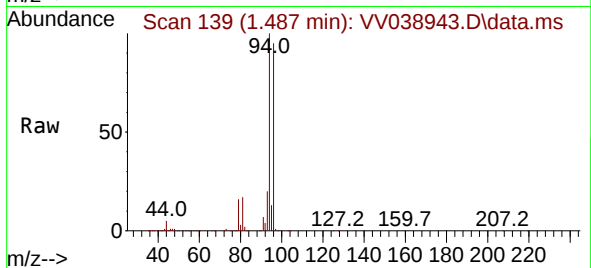




#5
Bromomethane
Concen: 45.672 ug/l
RT: 1.487 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

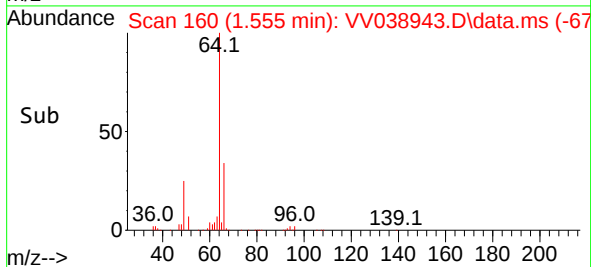
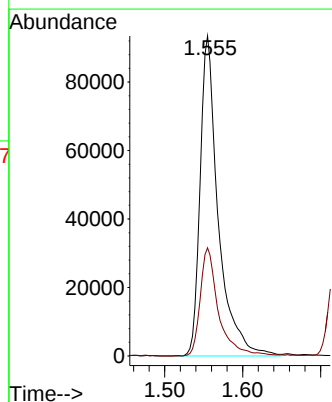
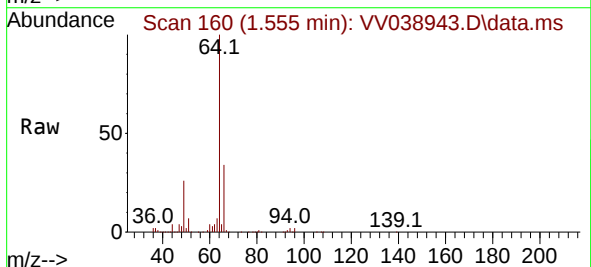
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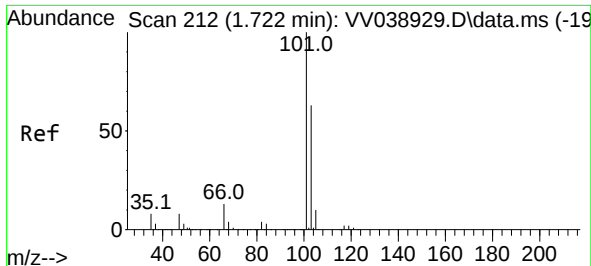
Tgt Ion: 94 Resp: 156954
Ion Ratio Lower Upper
94 100
96 95.2 71.8 107.8



#6
Chloroethane
Concen: 47.916 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 64 Resp: 151092
Ion Ratio Lower Upper
64 100
66 33.7 24.3 36.5

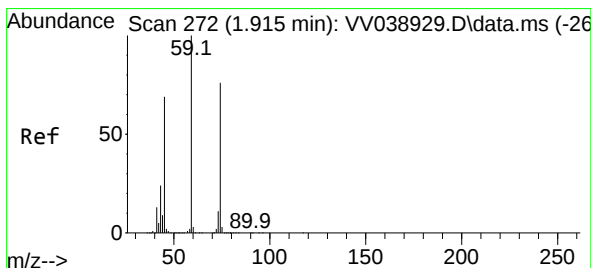
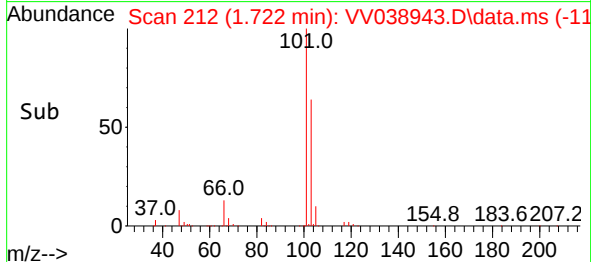
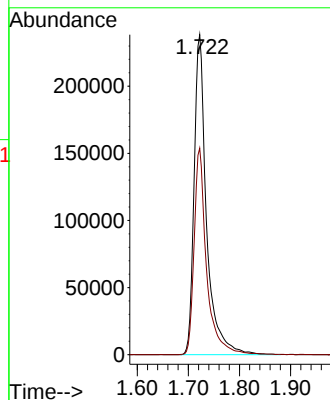
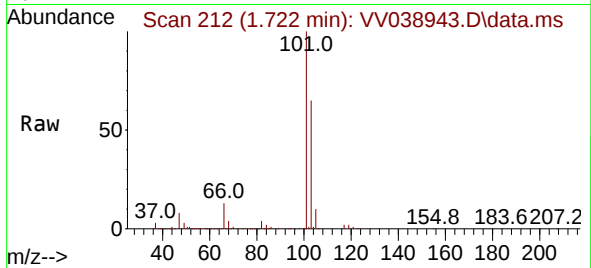




#7
 Trichlorofluoromethane
 Concen: 46.367 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

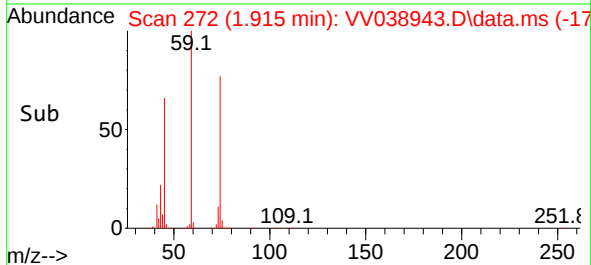
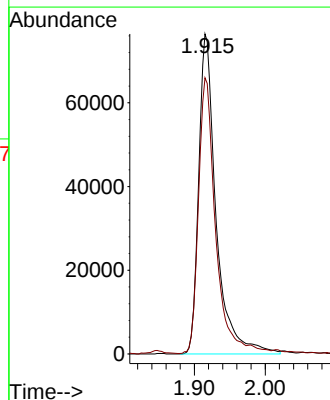
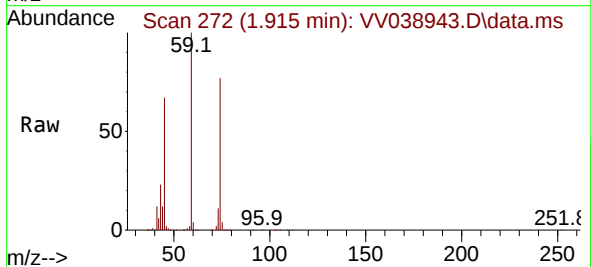
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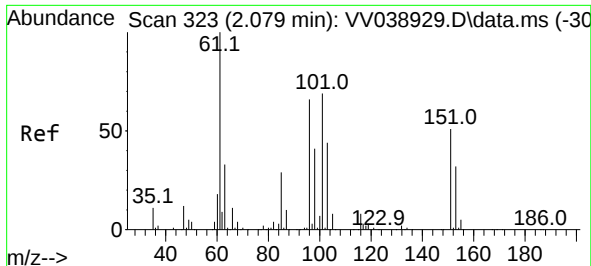
Tgt Ion:101 Resp: 402550
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.8 76.2



#8
 Diethyl Ether
 Concen: 40.239 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.000 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

Tgt Ion: 74 Resp: 130270
 Ion Ratio Lower Upper
 74 100
 45 85.0 44.8 134.4

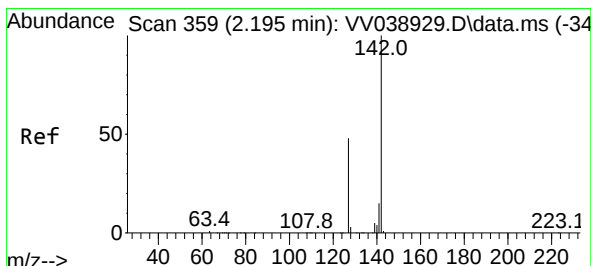
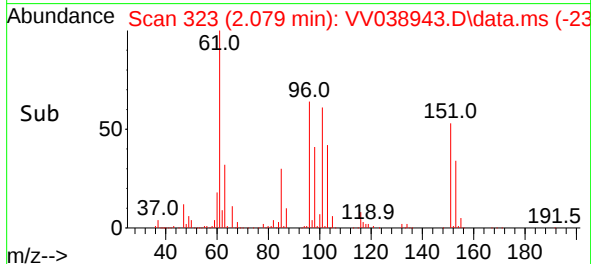
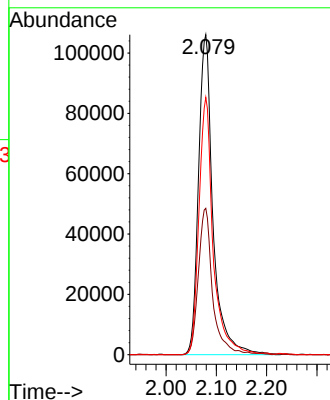
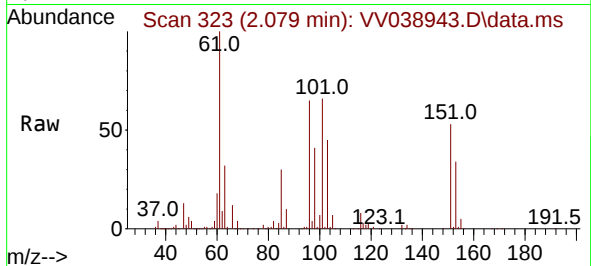




#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.340 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038943.D
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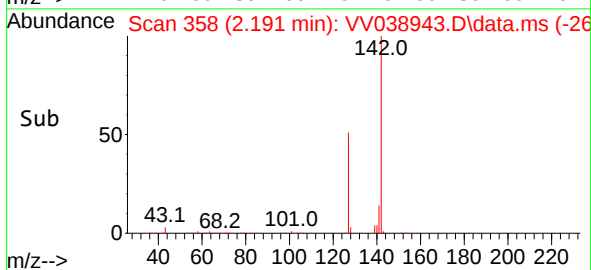
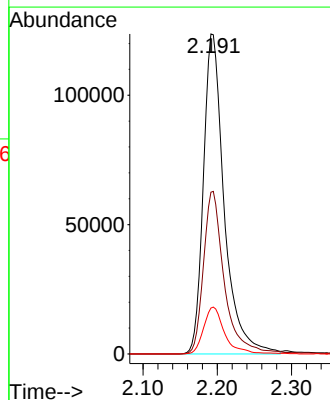
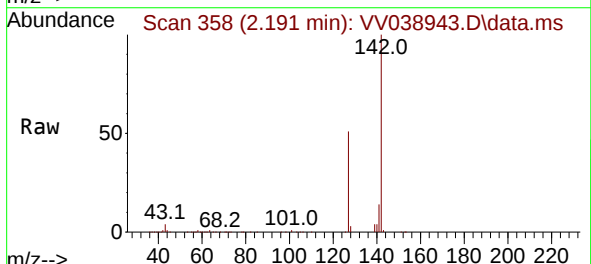
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

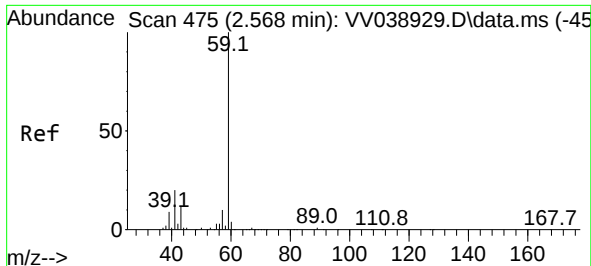
Tgt Ion:101 Resp: 212635
Ion Ratio Lower Upper
101 100
85 44.6 35.1 52.7
151 78.9 60.6 91.0



#10
Methyl Iodide
Concen: 45.590 ug/l
RT: 2.191 min Scan# 358
Delta R.T. -0.004 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion:142 Resp: 240902
Ion Ratio Lower Upper
142 100
127 51.1 38.2 57.2
141 15.0 11.6 17.4

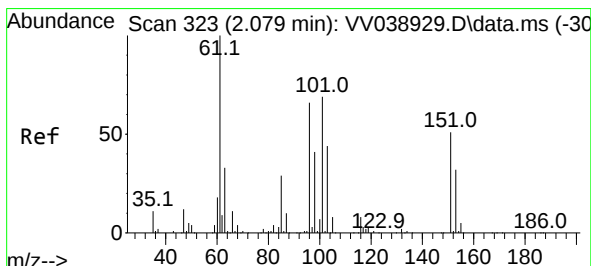
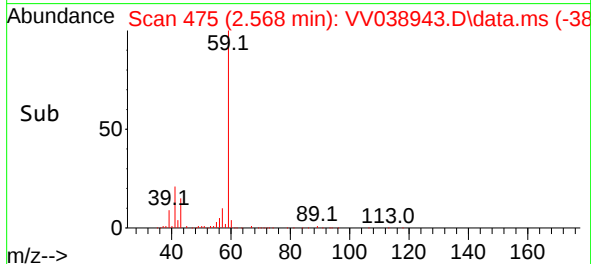
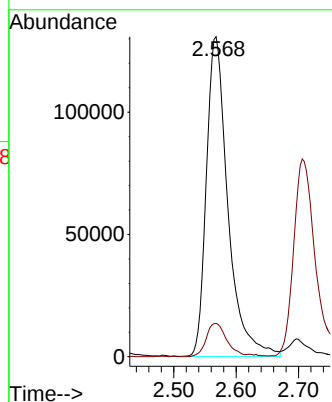
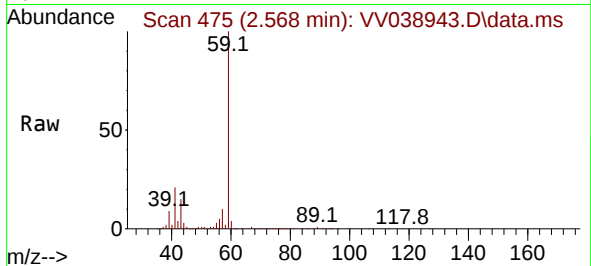




#11
Tert butyl alcohol
Concen: 232.064 ug/l
RT: 2.568 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

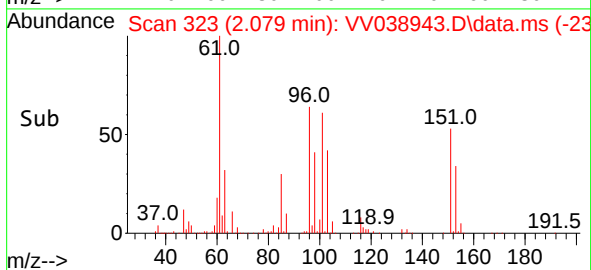
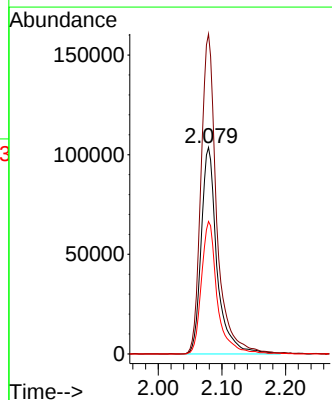
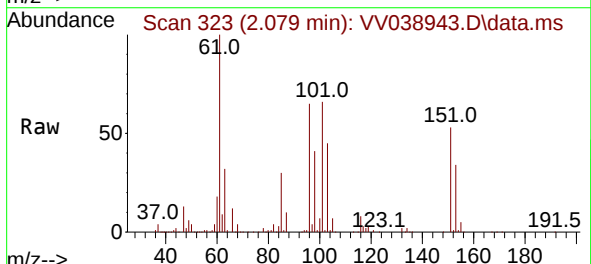
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

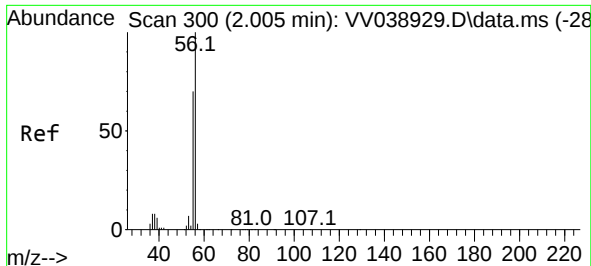
Tgt Ion: 59 Resp: 313699
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 39.158 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 96 Resp: 179983
Ion Ratio Lower Upper
96 100
61 155.0 121.0 181.4
98 64.2 49.4 74.2

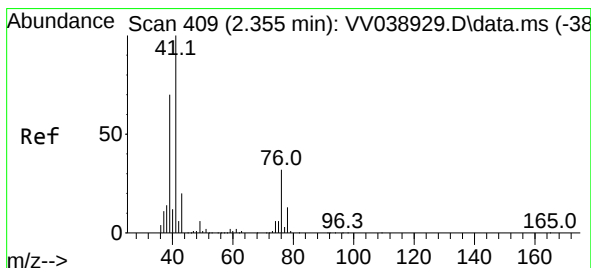
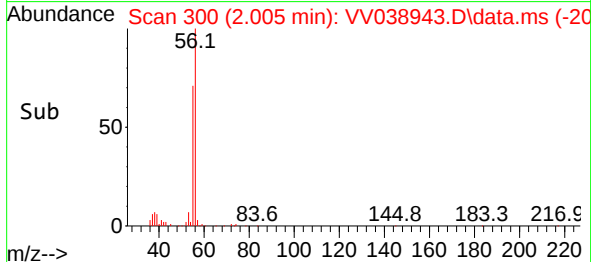
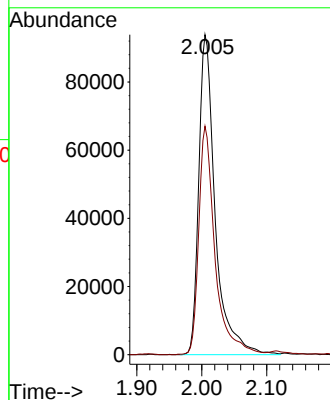
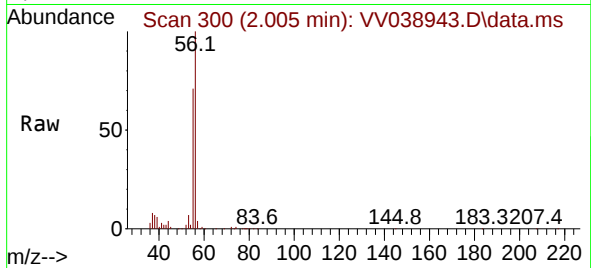




#13
Acrolein
Concen: 158.911 ug/l
RT: 2.005 min Scan# 300
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

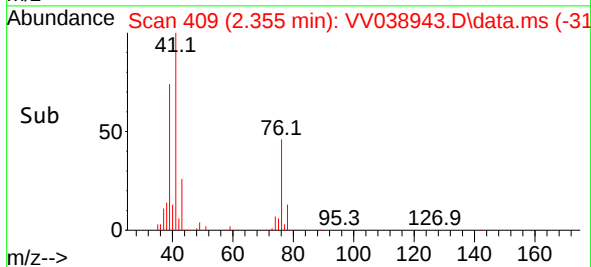
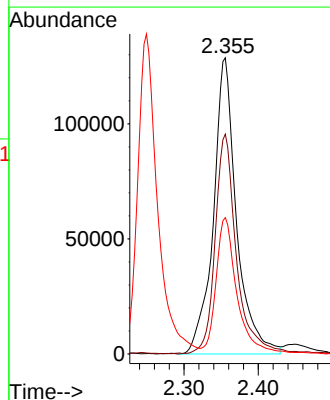
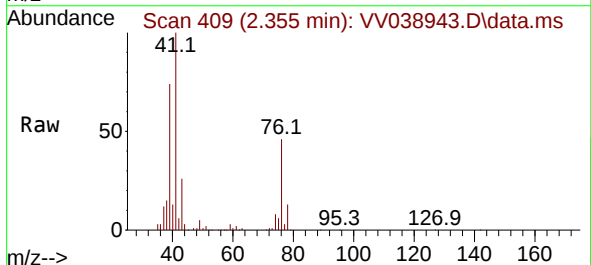
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

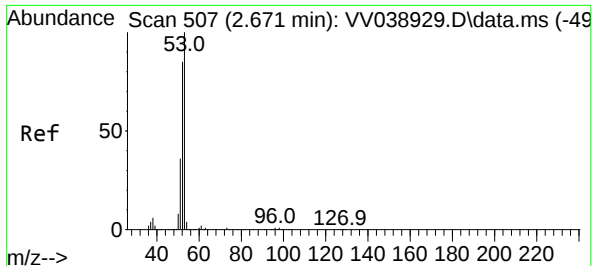
Tgt Ion: 56 Resp: 165326
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7



#14
Allyl chloride
Concen: 34.719 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 41 Resp: 279068
Ion Ratio Lower Upper
41 100
39 67.8 49.9 74.9
76 40.5 29.7 44.5

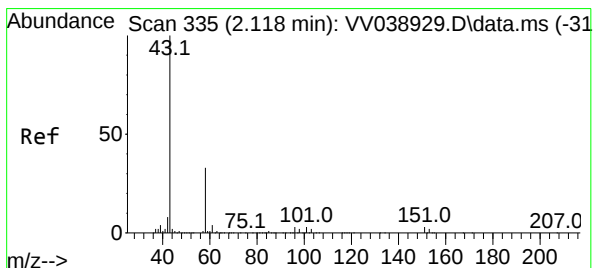
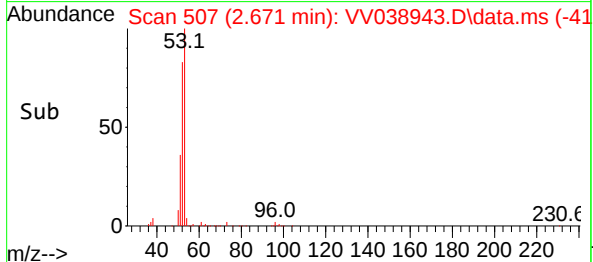
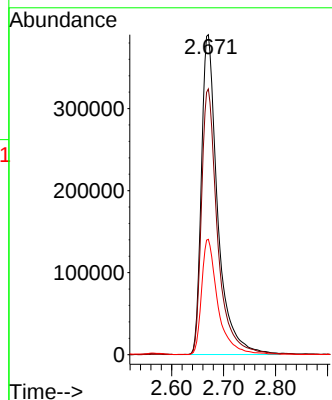
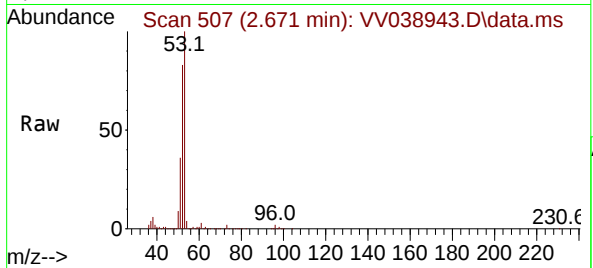




#15
Acrylonitrile
Concen: 237.366 ug/l
RT: 2.671 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

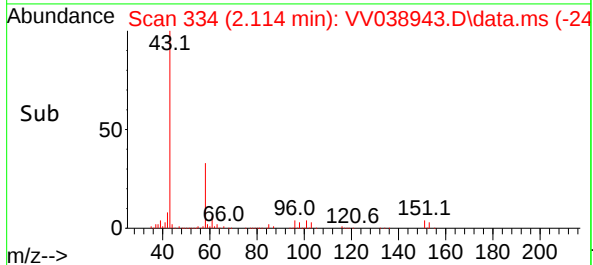
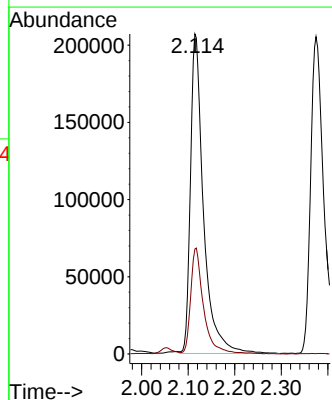
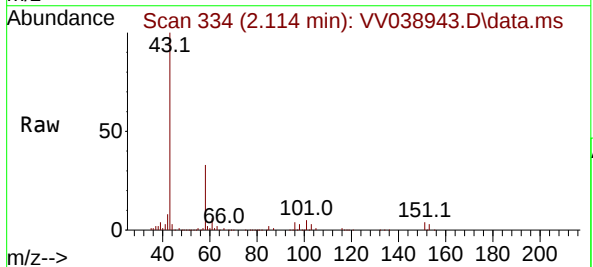
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

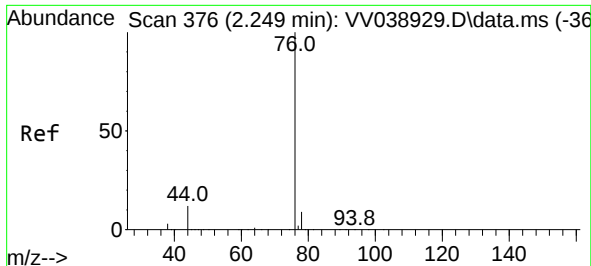
Tgt Ion: 53 Resp: 847107
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.1 28.6 43.0



#16
Acetone
Concen: 140.416 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 43 Resp: 402862
Ion Ratio Lower Upper
43 100
58 32.9 26.8 40.2

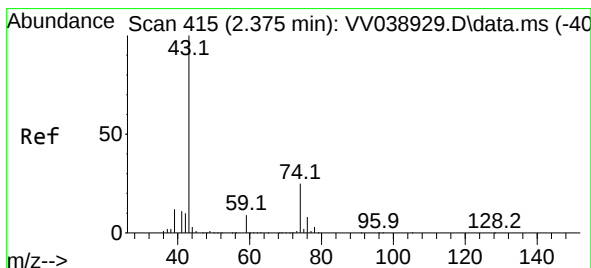
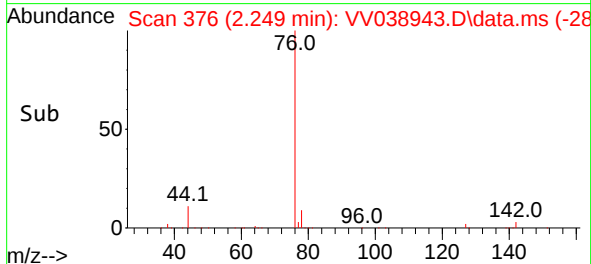
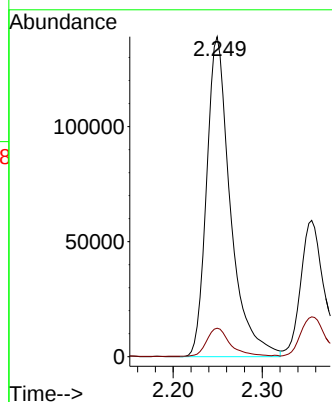
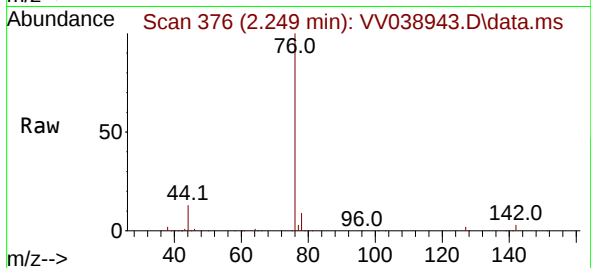




#17
Carbon Disulfide
Concen: 34.776 ug/l
RT: 2.249 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

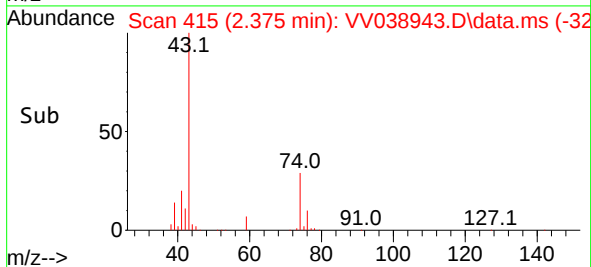
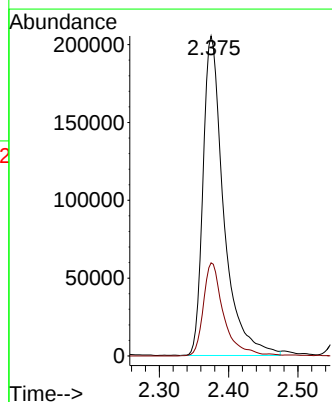
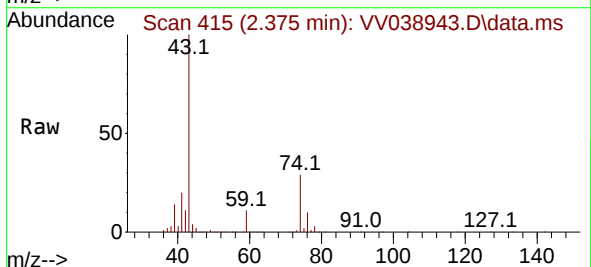
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

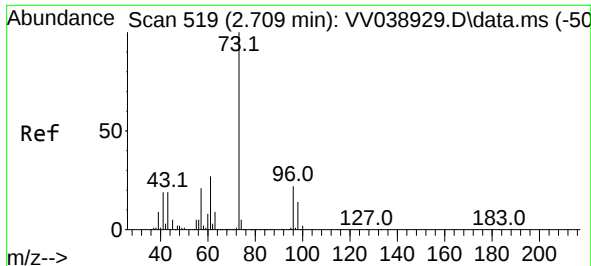
Tgt Ion: 76 Resp: 258111
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 41.400 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 43 Resp: 425905
Ion Ratio Lower Upper
43 100
74 28.4 20.6 30.8

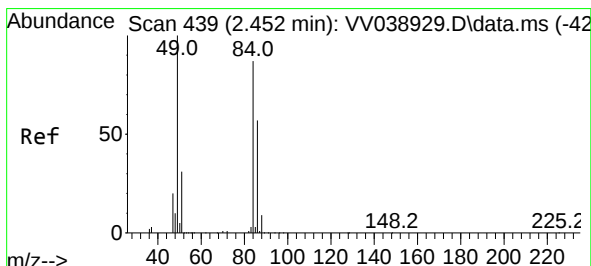
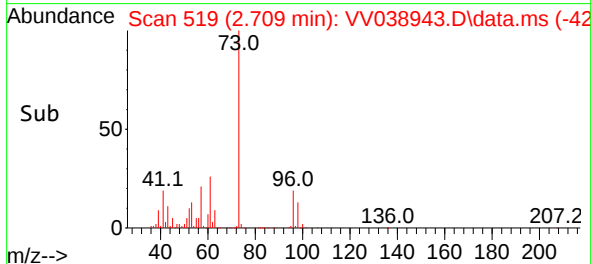
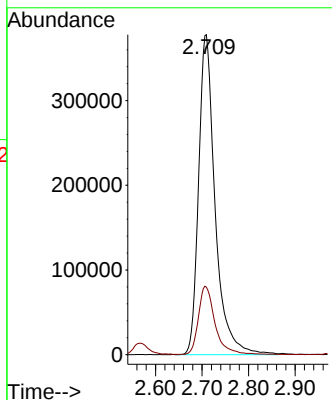
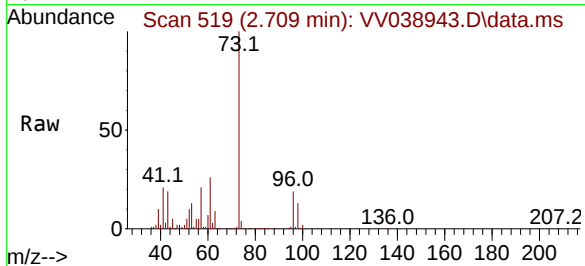




#19
Methyl tert-butyl Ether
Concen: 49.277 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

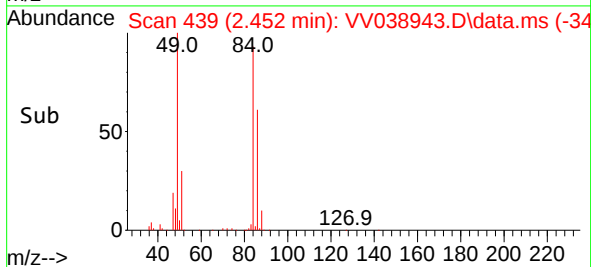
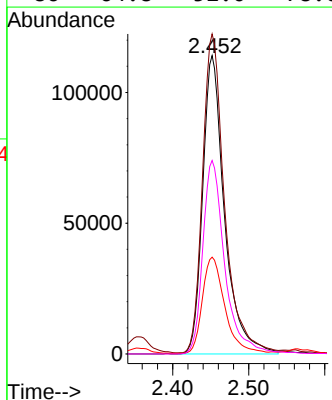
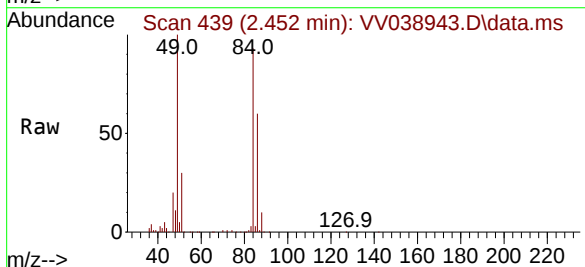
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

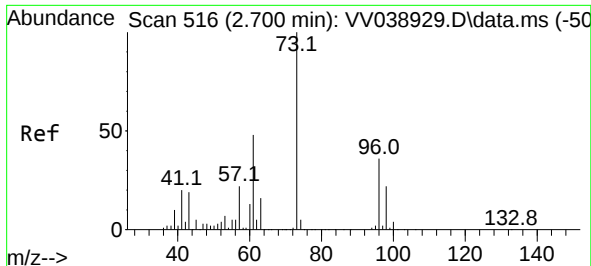
Tgt Ion: 73 Resp: 931940
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6



#20
Methylene Chloride
Concen: 34.524 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 84 Resp: 227928
Ion Ratio Lower Upper
84 100
49 106.9 91.7 137.5
51 32.2 28.3 42.5
86 64.8 52.0 78.0

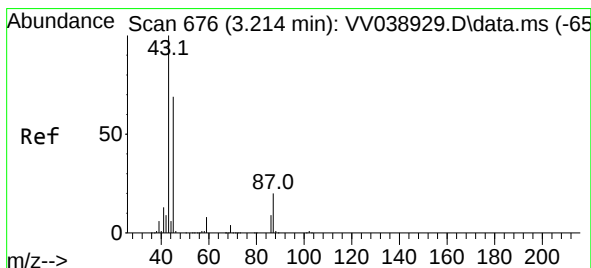
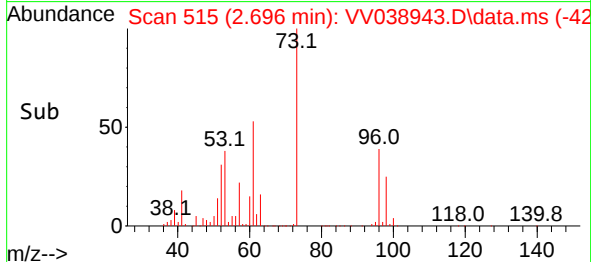
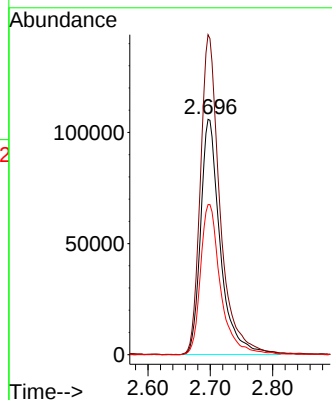
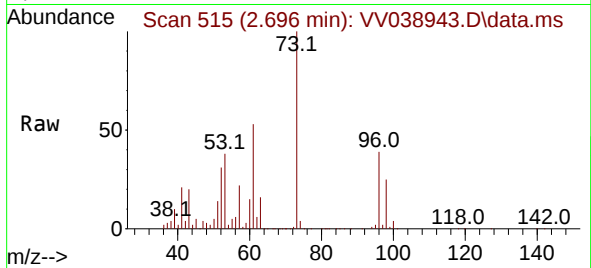




#21
trans-1,2-Dichloroethene
Concen: 46.279 ug/l
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

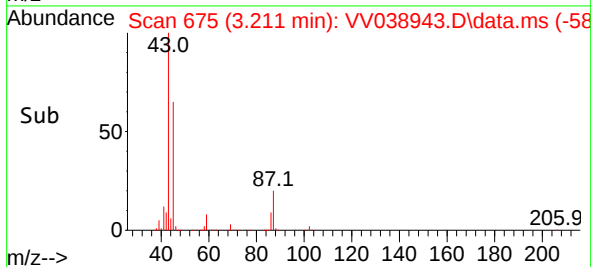
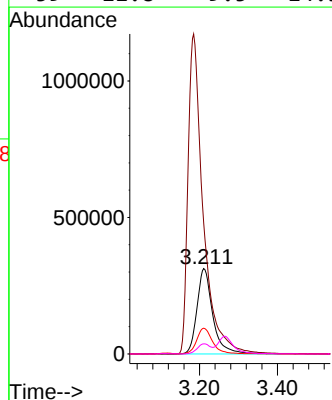
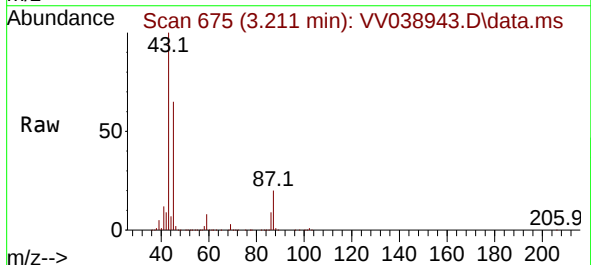
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

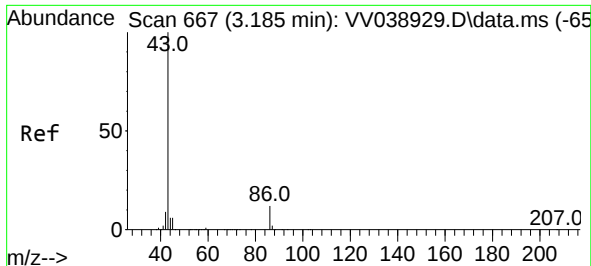
Tgt Ion: 96 Resp: 231201
Ion Ratio Lower Upper
96 100
61 136.1 106.2 159.4
98 63.8 49.8 74.8



#22
Diisopropyl ether
Concen: 53.869 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 45 Resp: 875602
Ion Ratio Lower Upper
45 100
43 152.6 115.3 172.9
87 30.2 23.8 35.6
59 11.8 9.5 14.3

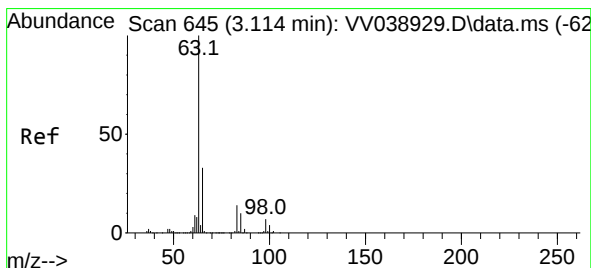
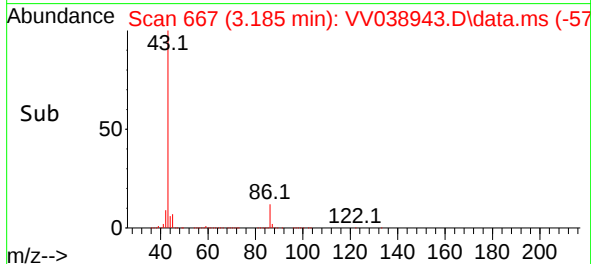
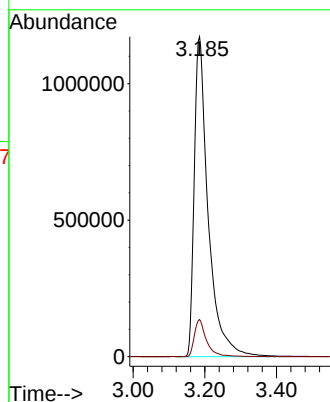
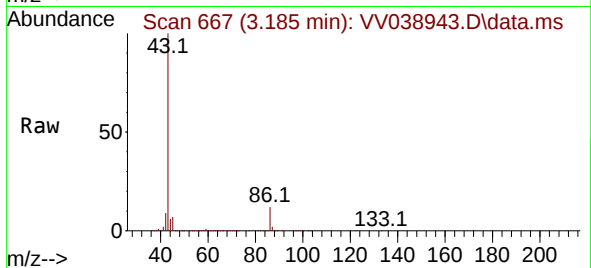




#23
 Vinyl Acetate
 Concen: 261.634 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

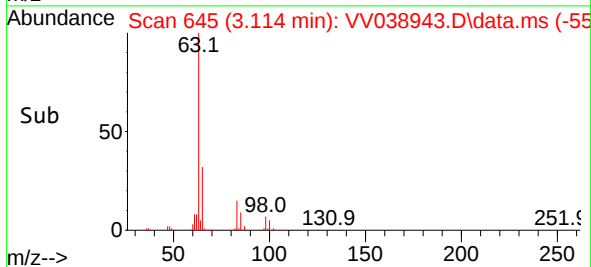
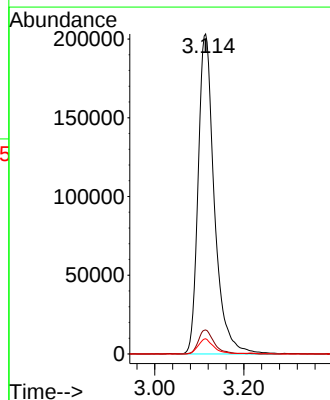
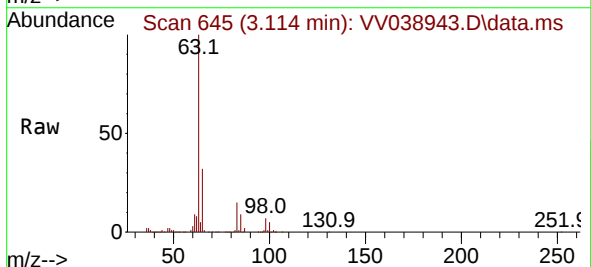
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

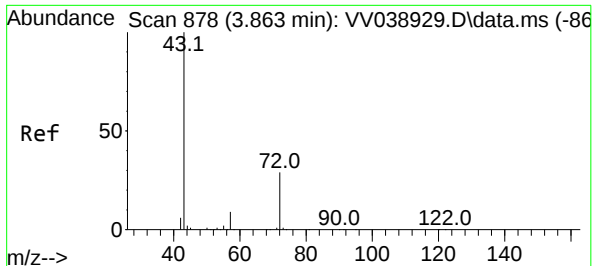
Tgt Ion: 43 Resp: 3159119
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 49.366 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

Tgt Ion: 63 Resp: 514610
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.7 2.2 6.6

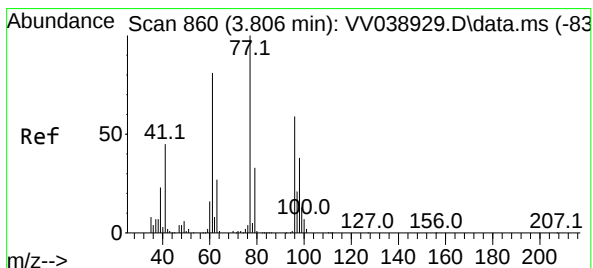
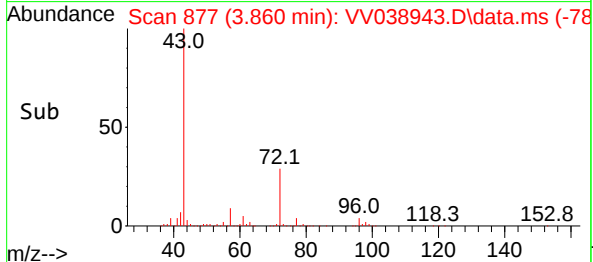
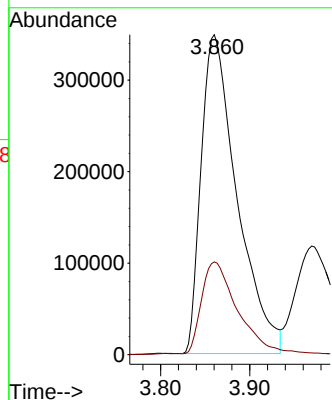
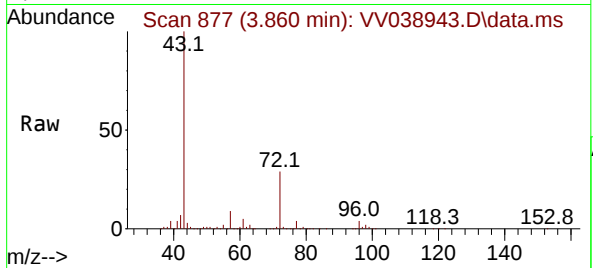




#25
2-Butanone
Concen: 268.151 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

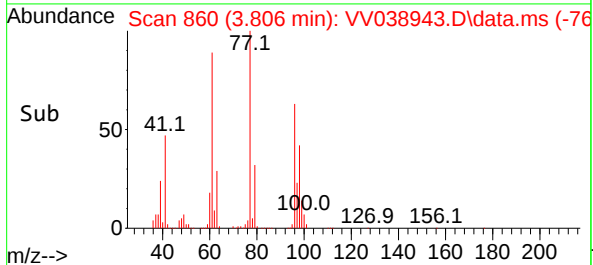
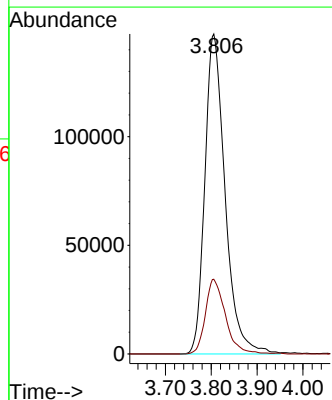
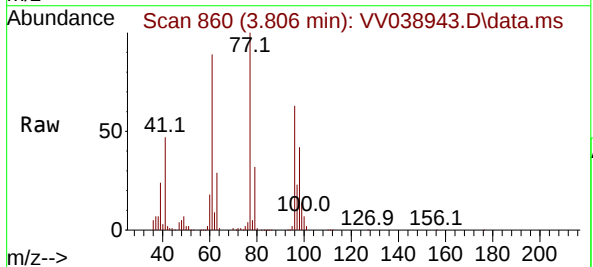
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

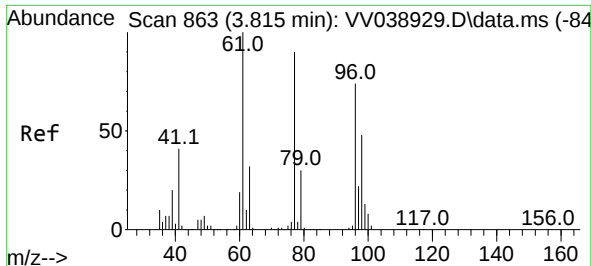
Tgt Ion: 43 Resp: 976140
Ion Ratio Lower Upper
43 100
72 28.7 23.5 35.3



#26
2,2-Dichloropropane
Concen: 48.904 ug/l
RT: 3.806 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 77 Resp: 451721
Ion Ratio Lower Upper
77 100
97 23.1 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 50.881 ug/l

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

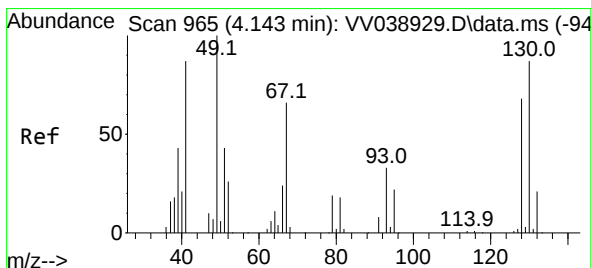
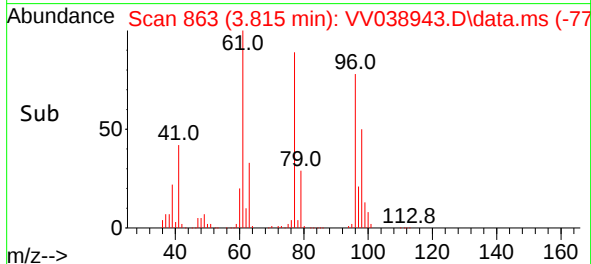
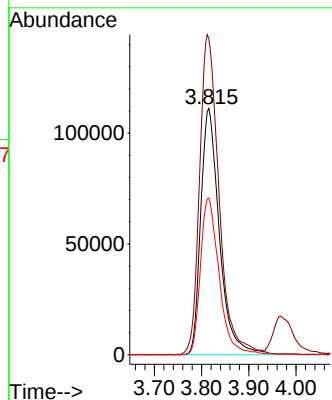
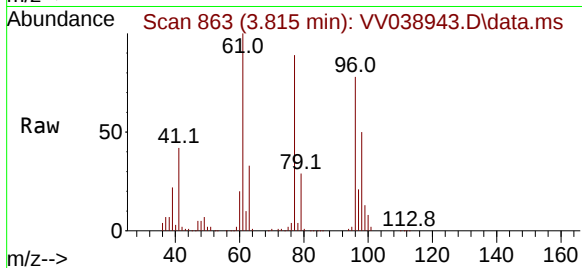
Tgt Ion: 96 Resp: 304800

Ion Ratio Lower Upper

96 100

61 135.1 0.0 270.4

98 63.5 0.0 128.0



#28

Bromochloromethane

Concen: 46.387 ug/l

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

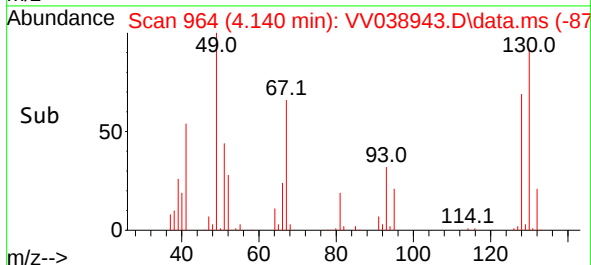
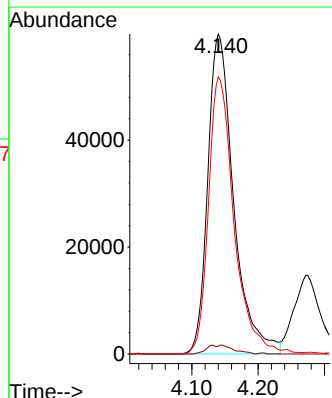
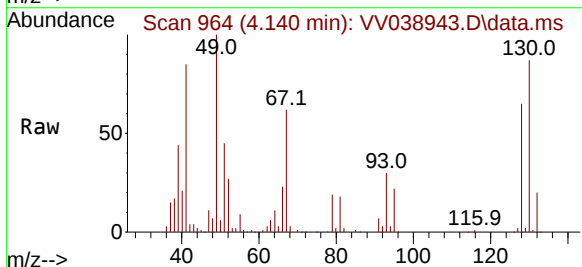
Tgt Ion: 49 Resp: 162433

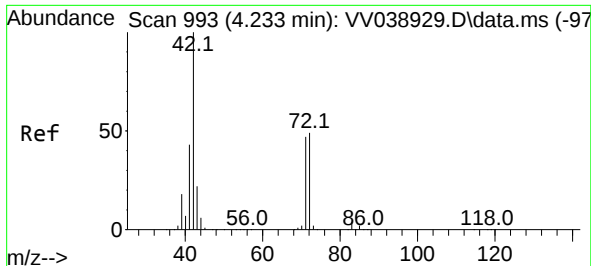
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.4

130 84.9 70.9 106.3





#29

Tetrahydrofuran

Concen: 266.944 ug/l

RT: 4.230 min Scan# 993

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

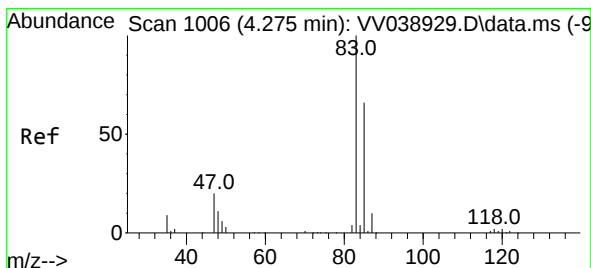
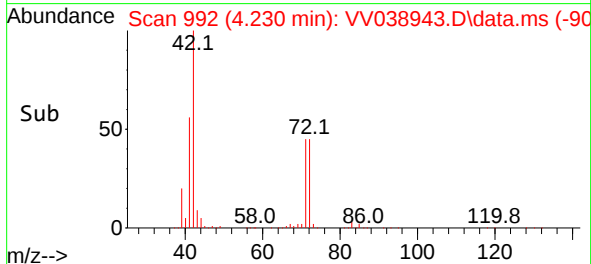
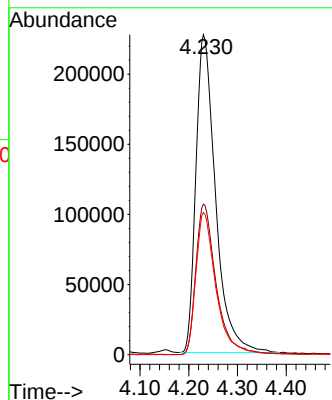
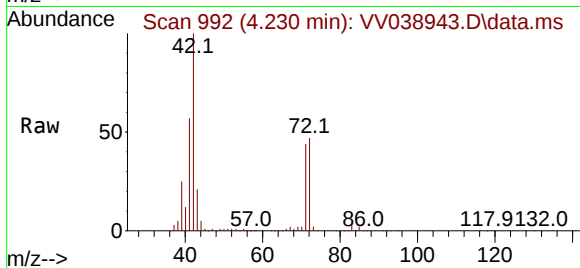
Tgt Ion: 42 Resp: 636224

Ion Ratio Lower Upper

42 100

72 48.7 39.9 59.9

71 45.6 37.4 56.0



#30

Chloroform

Concen: 48.992 ug/l

RT: 4.272 min Scan# 1005

Delta R.T. -0.003 min

Lab File: VV038943.D

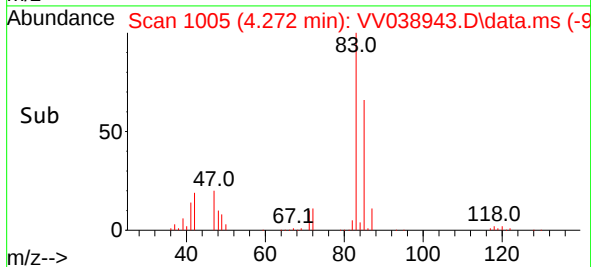
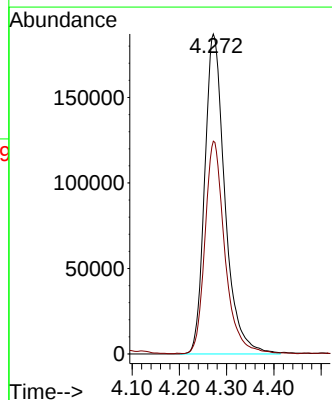
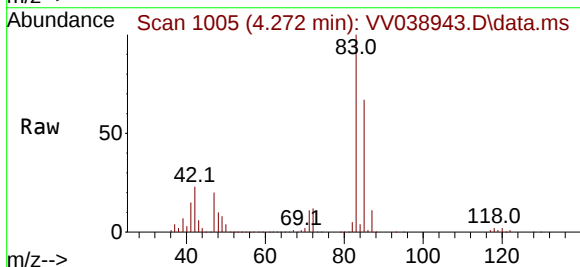
Acq: 11 Aug 2025 15:48

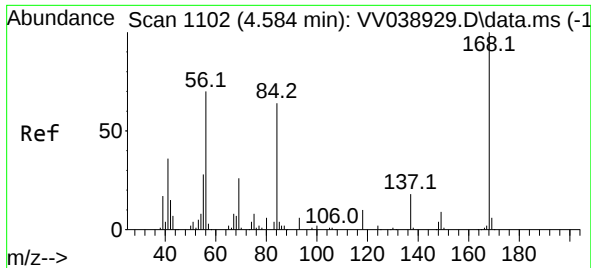
Tgt Ion: 83 Resp: 555705

Ion Ratio Lower Upper

83 100

85 66.3 53.0 79.6

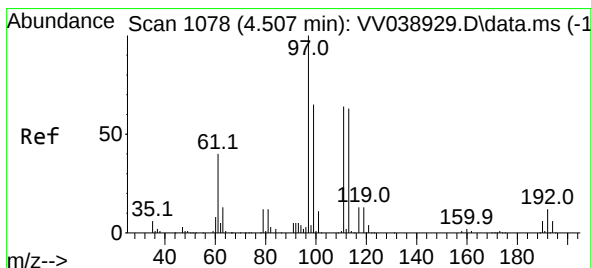
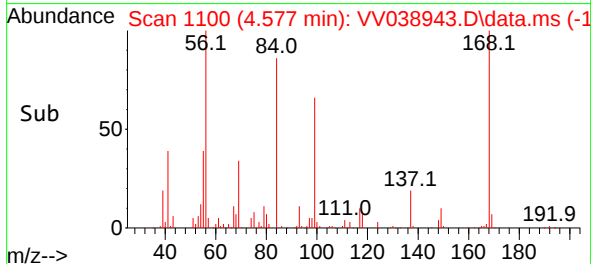
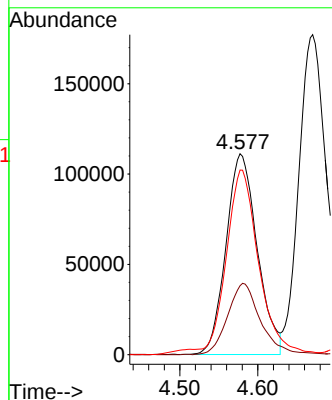
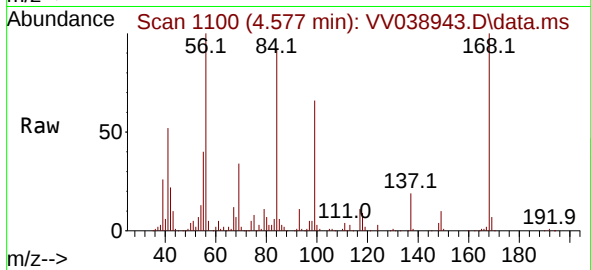




#31
Cyclohexane
Concen: 48.122 ug/l
RT: 4.577 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

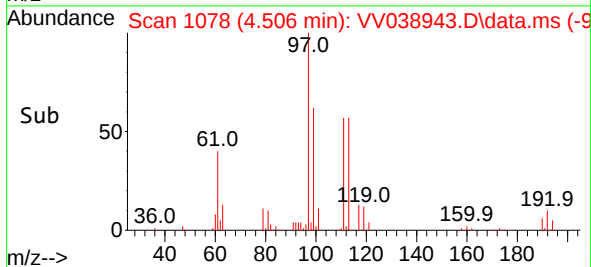
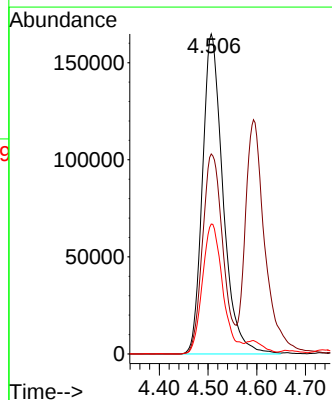
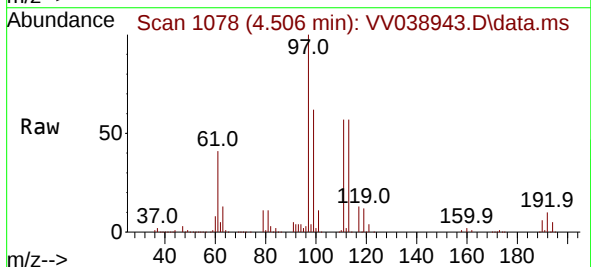
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

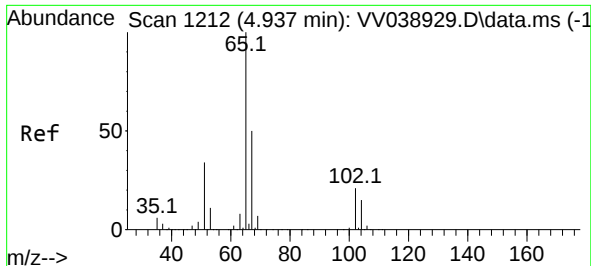
Tgt Ion: 56 Resp: 308998
Ion Ratio Lower Upper
56 100
69 34.3 30.2 45.2
84 89.7 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 49.494 ug/l
RT: 4.506 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 97 Resp: 482841
Ion Ratio Lower Upper
97 100
99 61.8 49.8 74.6
61 40.6 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 46.209 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

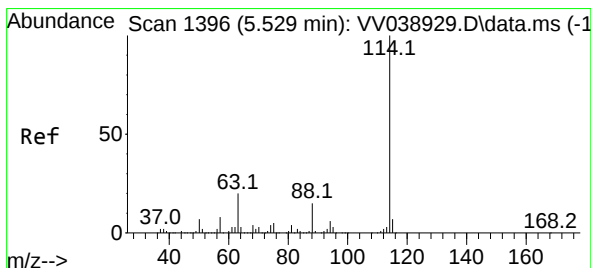
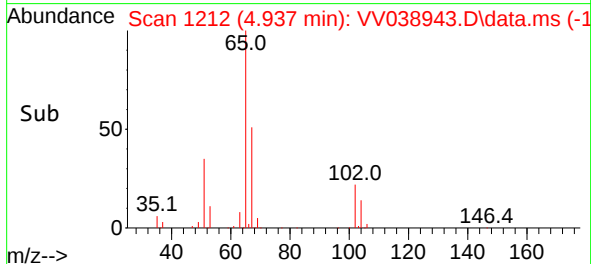
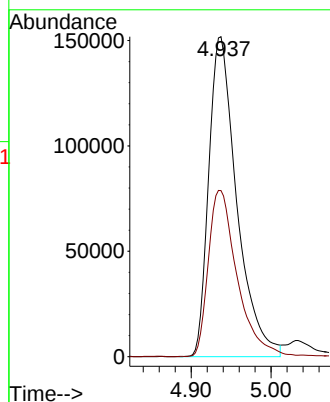
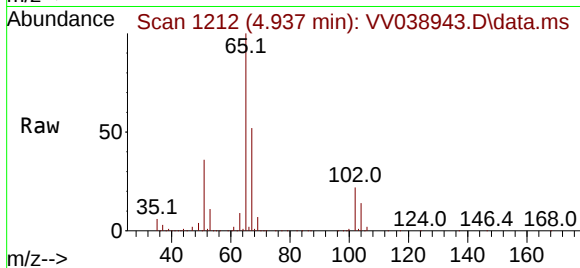
VSTDCCC050EC

Tgt Ion: 65 Resp: 369335

Ion Ratio Lower Upper

65 100

67 53.6 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: VV038943.D

Acq: 11 Aug 2025 15:48

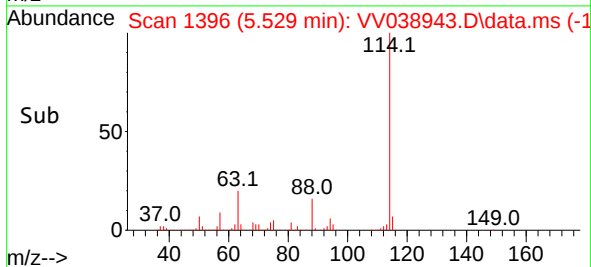
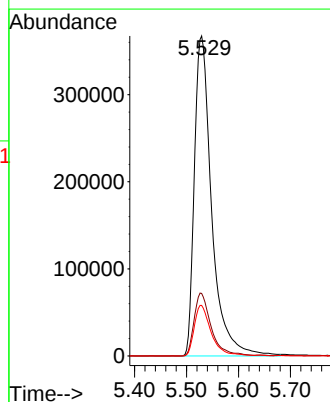
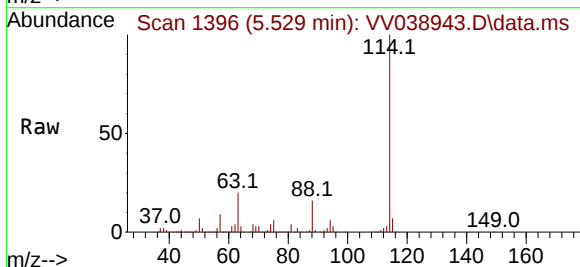
Tgt Ion: 114 Resp: 851975

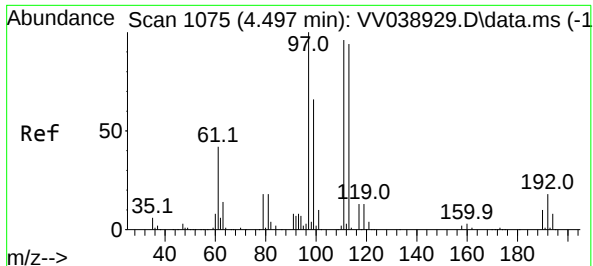
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.8 0.0 30.0

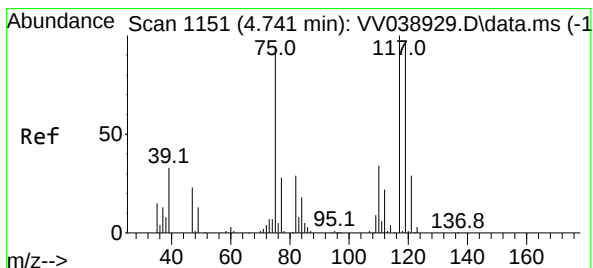
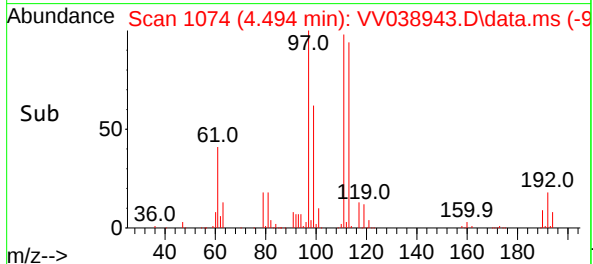
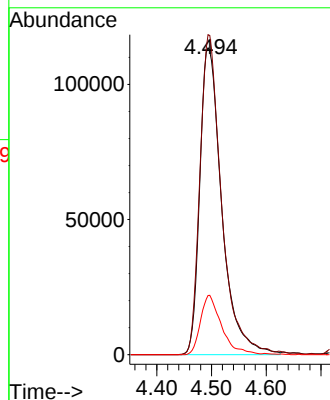
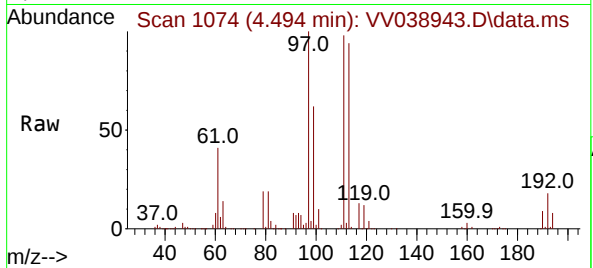




#35
 Dibromofluoromethane
 Concen: 49.126 ug/l
 RT: 4.494 min Scan# 1075
 Delta R.T. -0.003 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

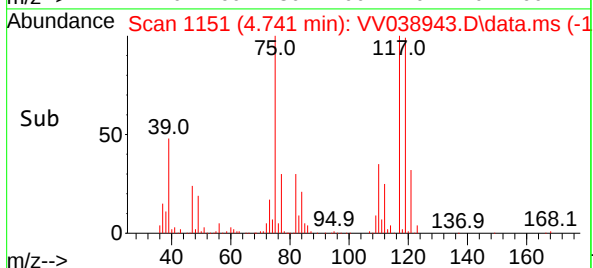
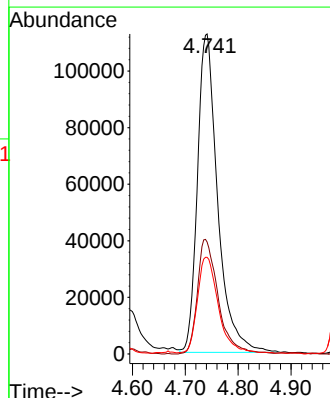
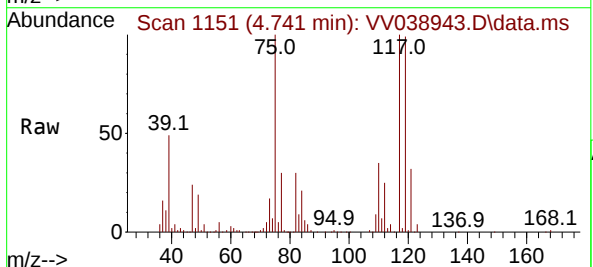
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

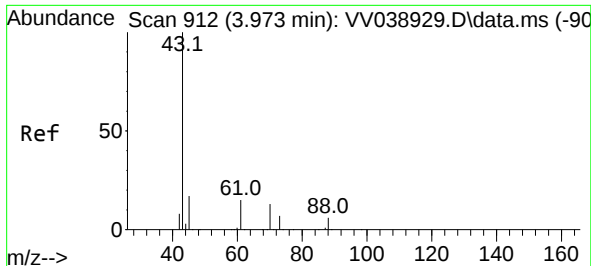
Tgt Ion:113 Resp: 317523
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 18.5 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 52.221 ug/l
 RT: 4.741 min Scan# 1151
 Delta R.T. -0.000 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

Tgt Ion: 75 Resp: 300097
 Ion Ratio Lower Upper
 75 100
 110 37.1 19.5 58.5
 77 30.5 25.0 37.6





#37

Ethyl Acetate

Concen: 47.416 ug/l

RT: 3.970 min Scan# 911

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

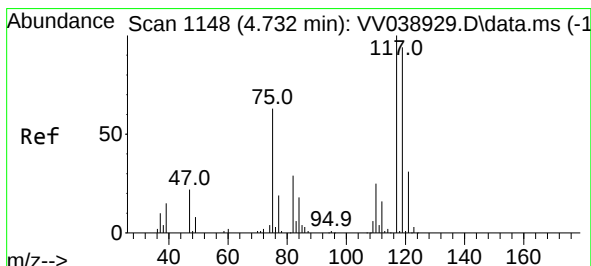
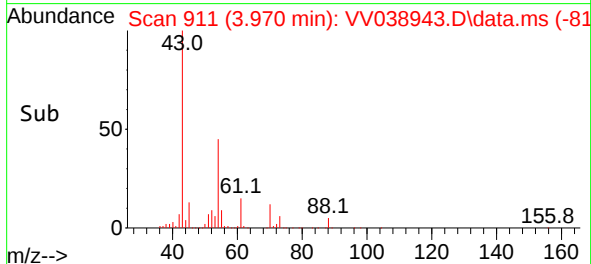
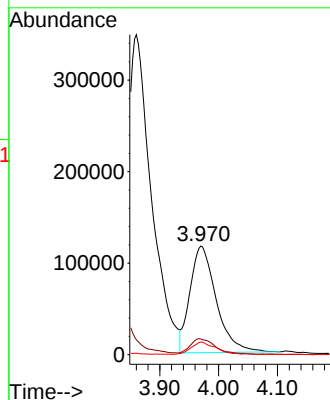
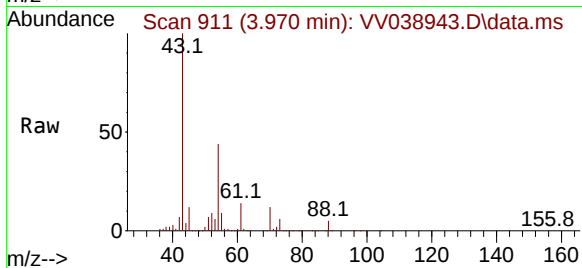
Tgt Ion: 43 Resp: 360996

Ion Ratio Lower Upper

43 100

61 14.0 12.0 18.0

70 10.4 8.6 13.0



#38

Carbon Tetrachloride

Concen: 50.646 ug/l

RT: 4.728 min Scan# 1147

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

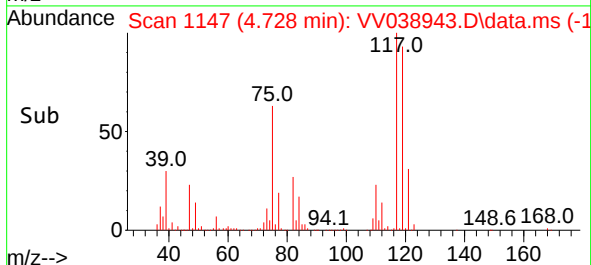
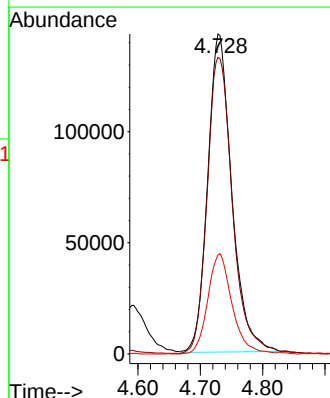
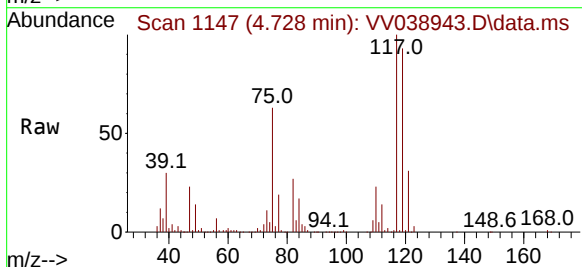
Tgt Ion: 117 Resp: 384427

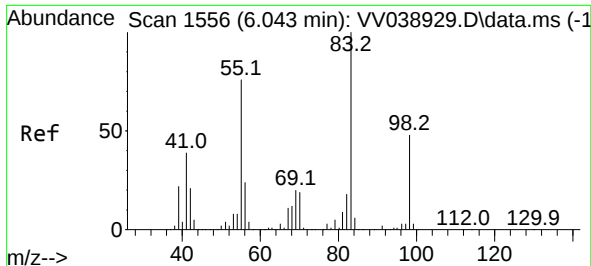
Ion Ratio Lower Upper

117 100

119 93.2 74.9 112.3

121 31.2 24.6 36.8





#39

Methylcyclohexane

Concen: 54.059 ug/l

RT: 6.043 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

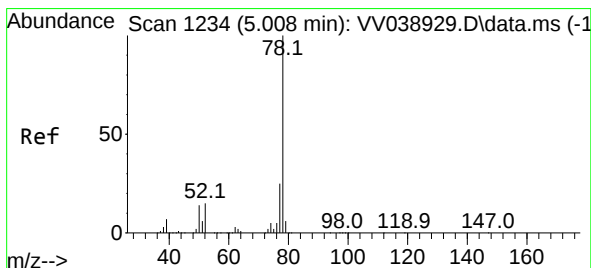
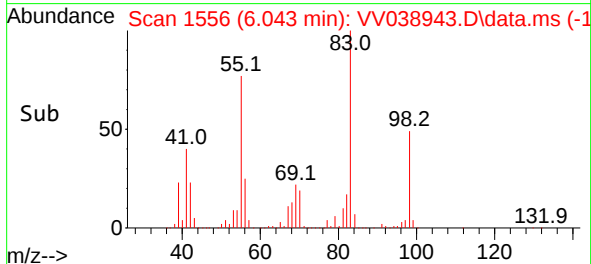
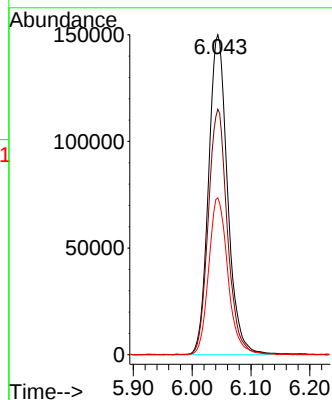
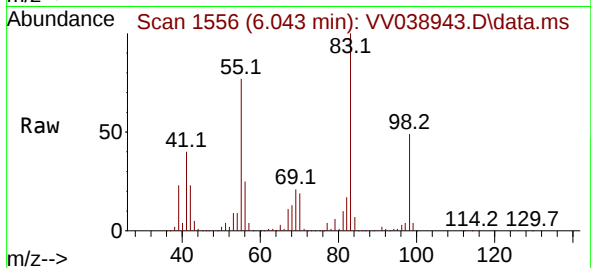
Tgt Ion: 83 Resp: 337178

Ion Ratio Lower Upper

83 100

55 76.6 60.8 91.2

98 49.0 38.6 57.8



#40

Benzene

Concen: 53.672 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038943.D

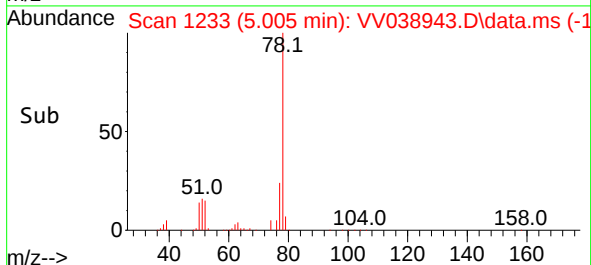
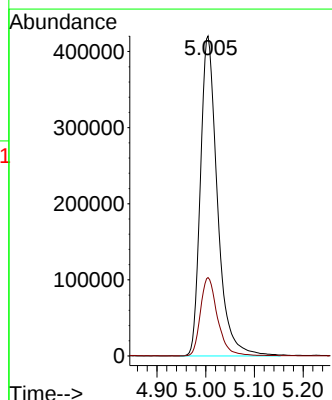
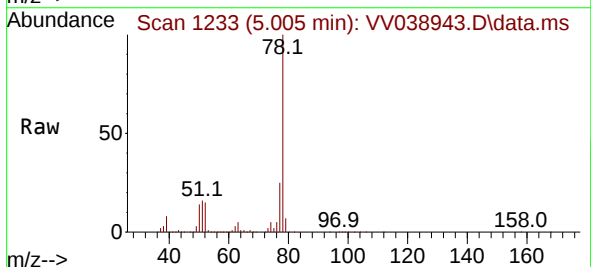
Acq: 11 Aug 2025 15:48

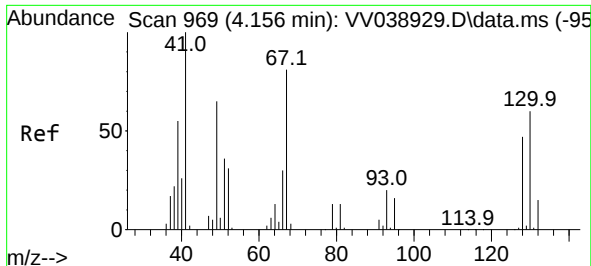
Tgt Ion: 78 Resp: 1019870

Ion Ratio Lower Upper

78 100

77 24.5 19.6 29.4

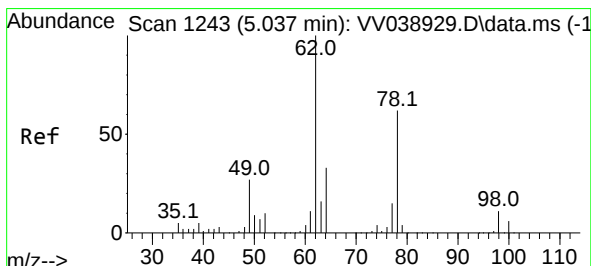
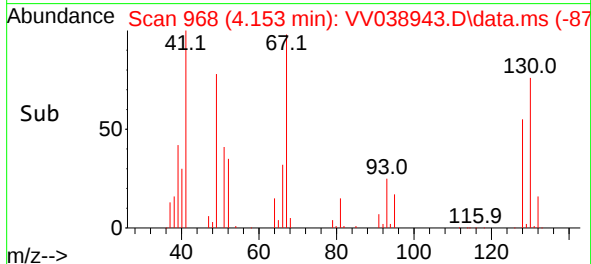
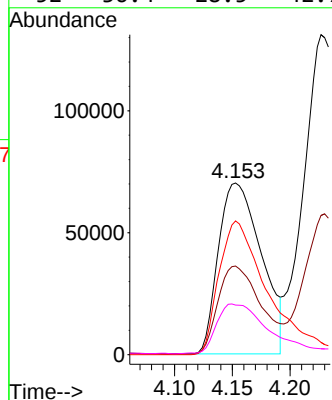
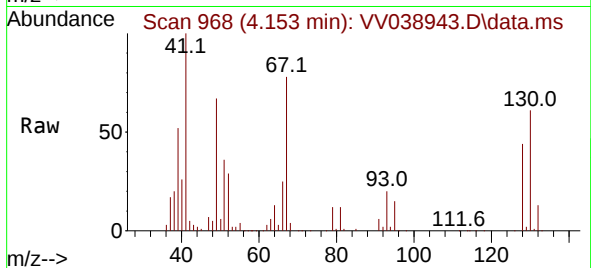




#41
Methacrylonitrile
Concen: 59.044 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

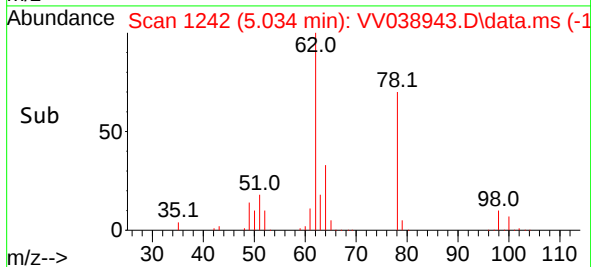
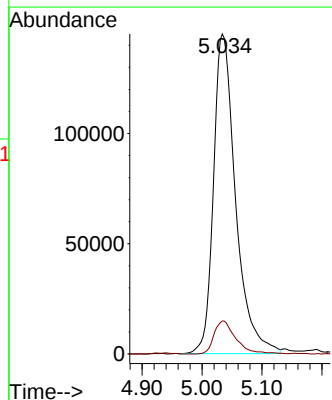
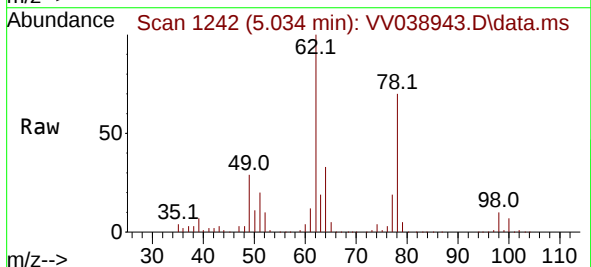
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

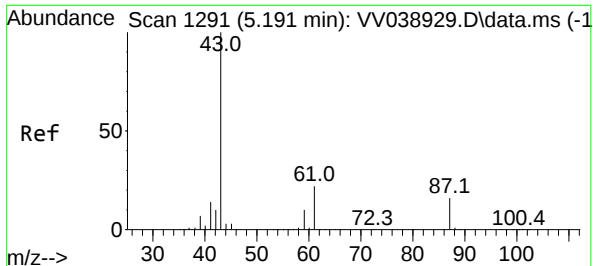
Tgt Ion: 41 Resp: 181795
Ion Ratio Lower Upper
41 100
39 52.2 41.8 62.6
67 92.0 72.6 109.0
52 36.4 28.5 42.7



#42
1,2-Dichloroethane
Concen: 50.477 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 62 Resp: 371896
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 54.688 ug/l

RT: 5.188 min Scan# 1290

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

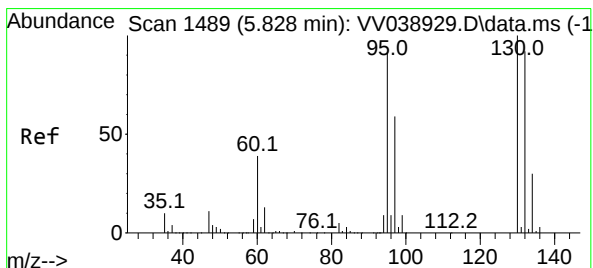
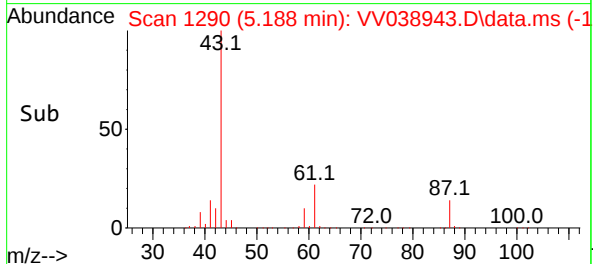
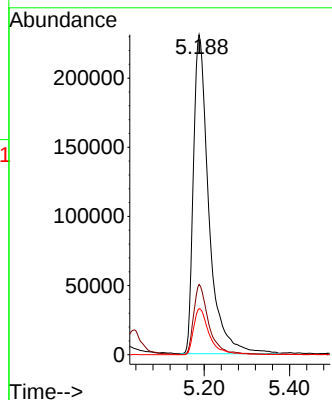
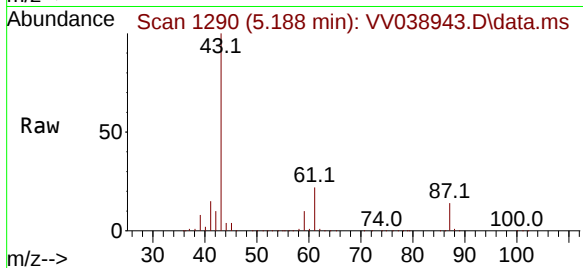
Tgt Ion: 43 Resp: 578460

Ion Ratio Lower Upper

43 100

61 20.6 17.0 25.6

87 14.6 12.2 18.4



#44

Trichloroethene

Concen: 50.989 ug/l

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV038943.D

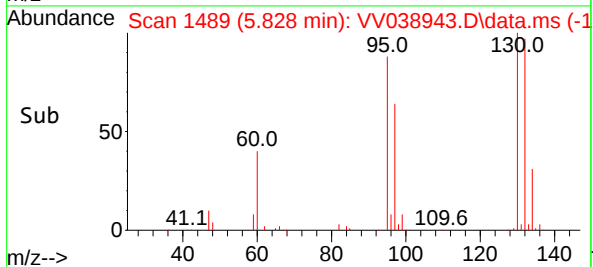
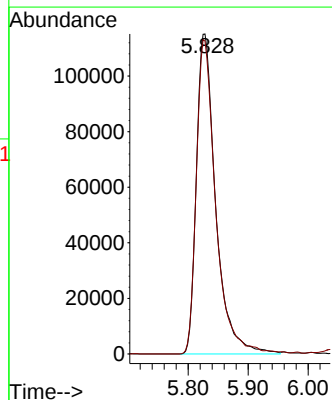
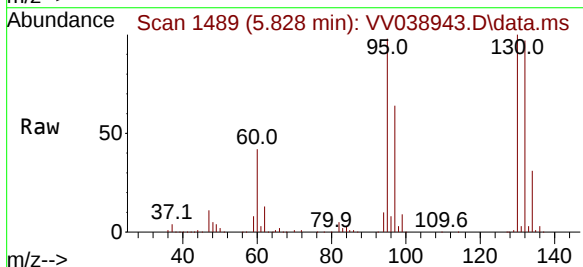
Acq: 11 Aug 2025 15:48

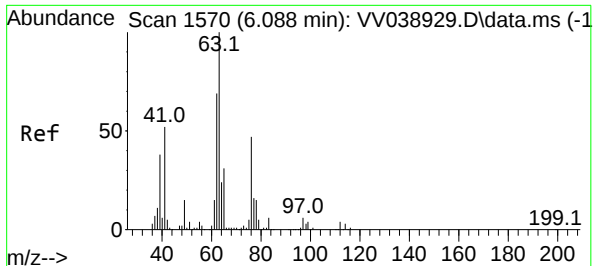
Tgt Ion:130 Resp: 258209

Ion Ratio Lower Upper

130 100

95 97.8 0.0 181.2





#45

1,2-Dichloropropane

Concen: 52.620 ug/l

RT: 6.085 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

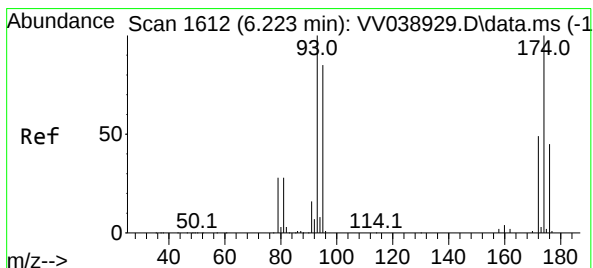
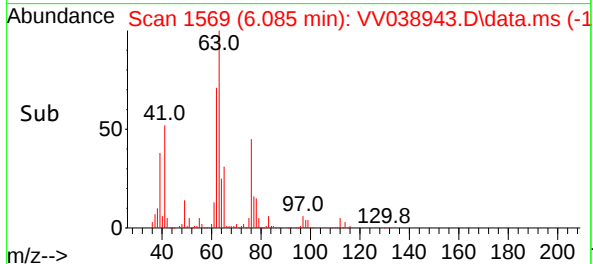
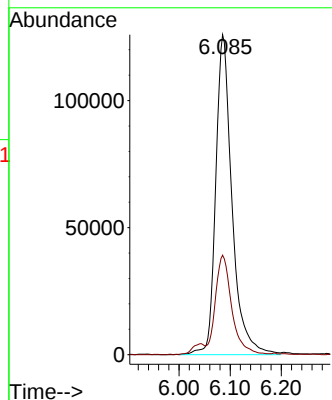
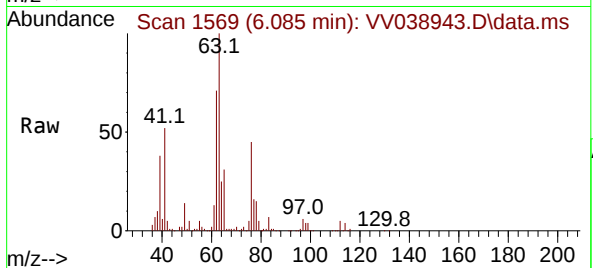
VSTDCCC050EC

Tgt Ion: 63 Resp: 278653

Ion Ratio Lower Upper

63 100

65 30.9 25.0 37.6



#46

Dibromomethane

Concen: 53.458 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

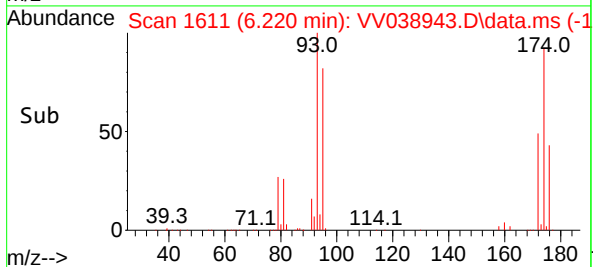
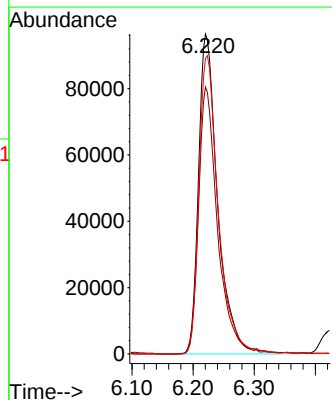
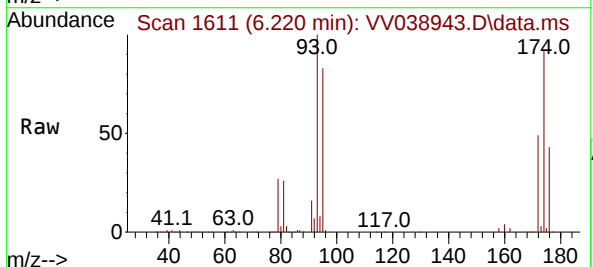
Tgt Ion: 93 Resp: 209562

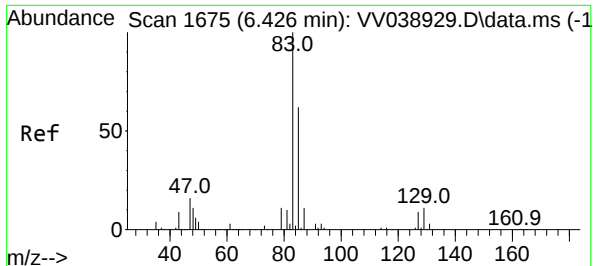
Ion Ratio Lower Upper

93 100

95 82.6 67.8 101.6

174 94.7 77.4 116.0

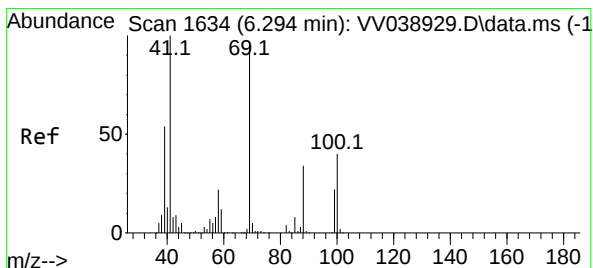
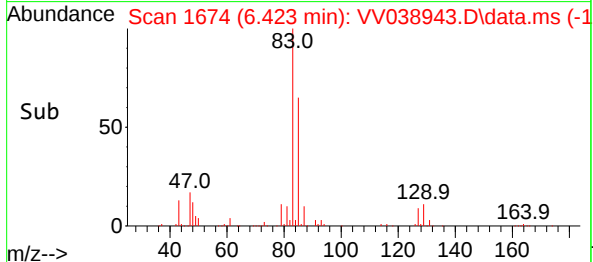
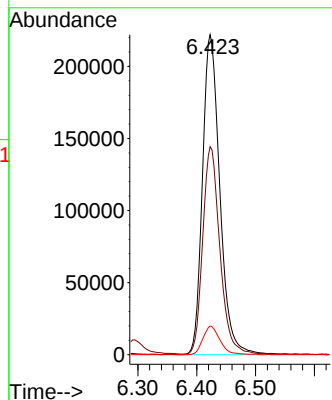
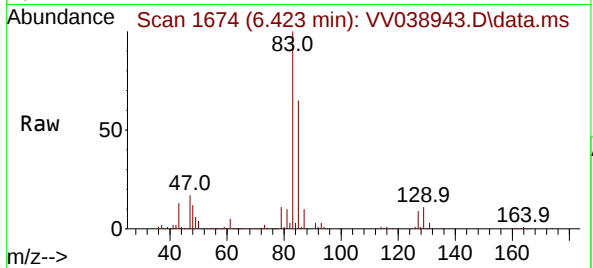




#47
Bromodichloromethane
Concen: 52.226 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

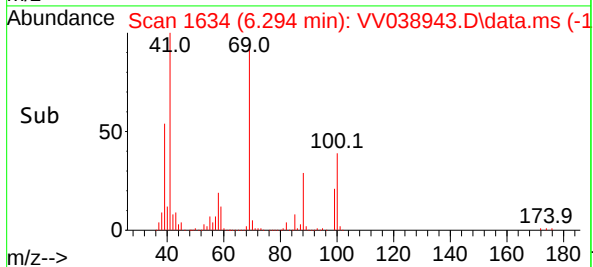
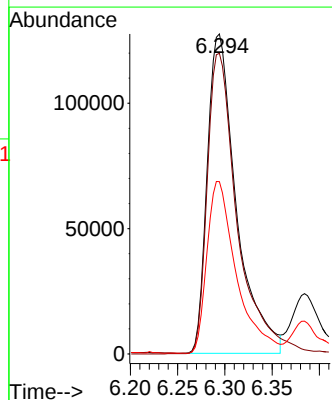
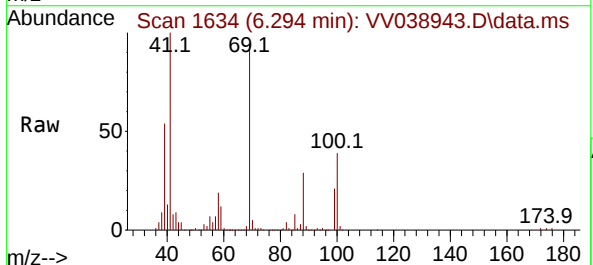
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

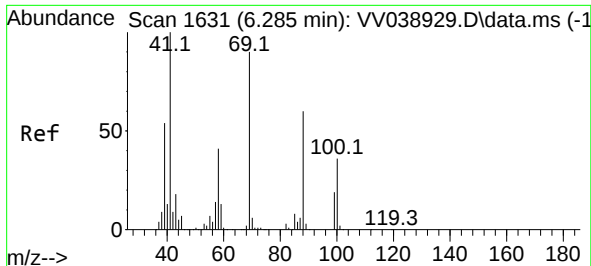
Tgt Ion: 83 Resp: 454852
Ion Ratio Lower Upper
83 100
85 64.8 49.8 74.6
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 58.370 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 41 Resp: 273392
Ion Ratio Lower Upper
41 100
69 97.4 78.4 117.6
39 54.2 43.3 64.9





#49

1,4-Dioxane

Concen: 1071.173 ug/l

RT: 6.285 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

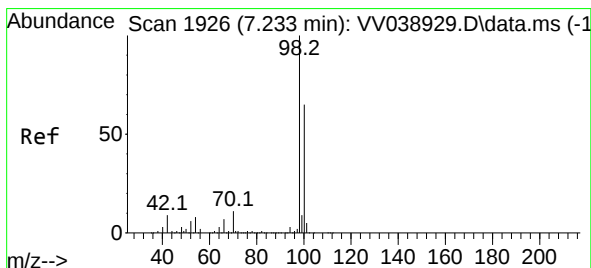
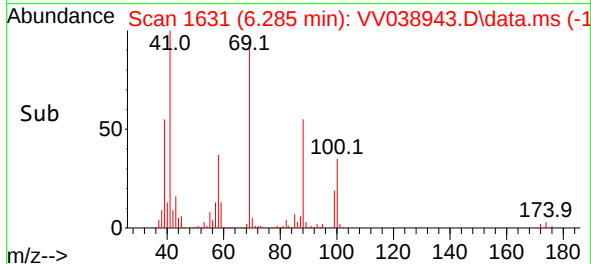
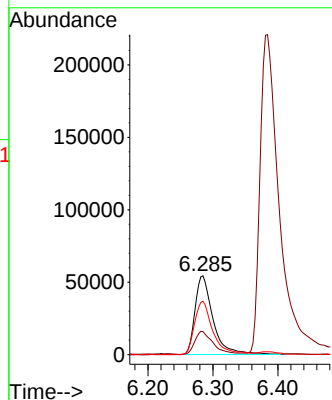
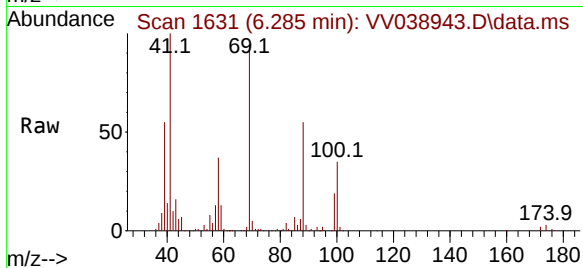
Tgt Ion: 88 Resp: 104570

Ion Ratio Lower Upper

88 100

43 29.5 24.2 36.2

58 69.3 55.4 83.2



#50

Toluene-d8

Concen: 50.124 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VV038943.D

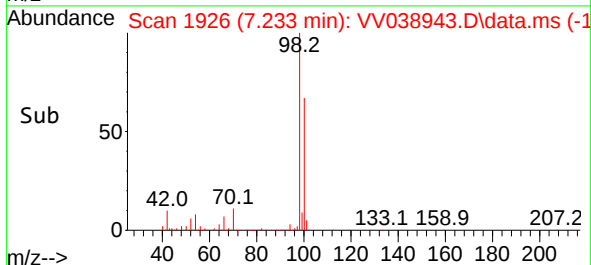
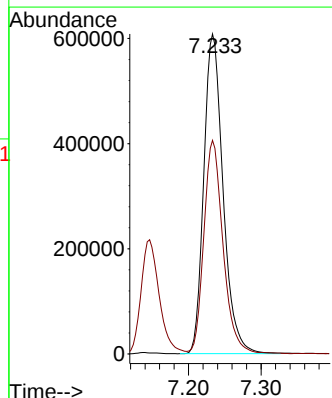
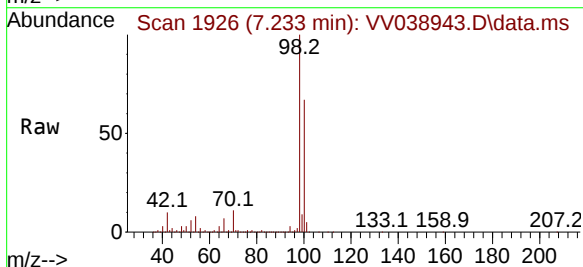
Acq: 11 Aug 2025 15:48

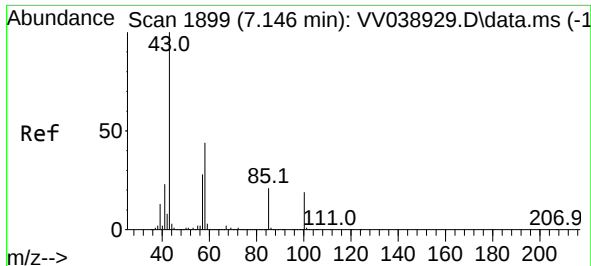
Tgt Ion: 98 Resp: 1122029

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 289.294 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

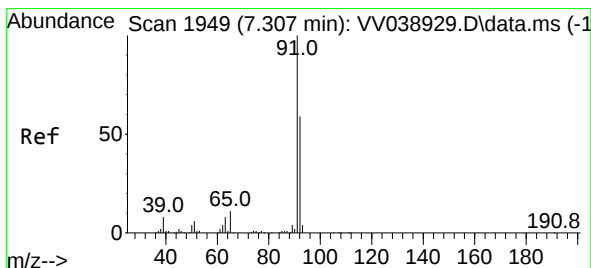
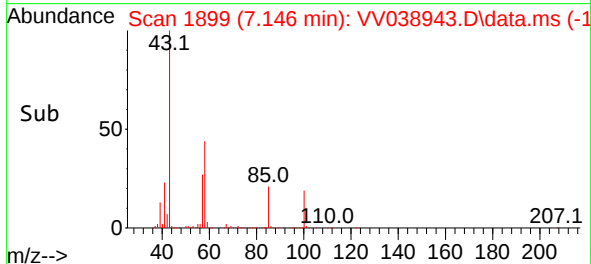
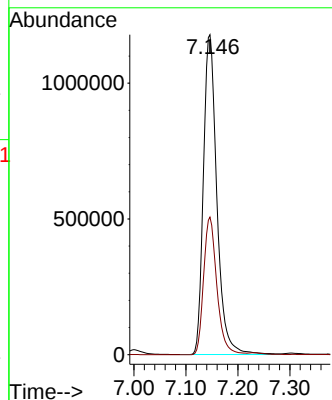
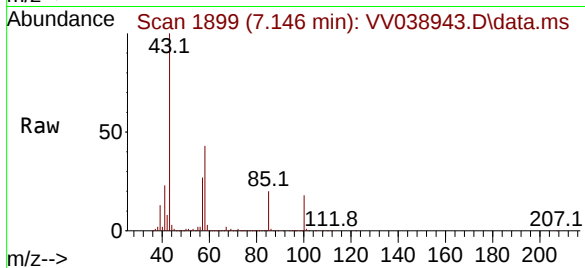
VSTDCCC050EC

Tgt Ion: 43 Resp: 2119654

Ion Ratio Lower Upper

43 100

58 42.4 34.2 51.2



#52

Toluene

Concen: 57.078 ug/l

RT: 7.304 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VV038943.D

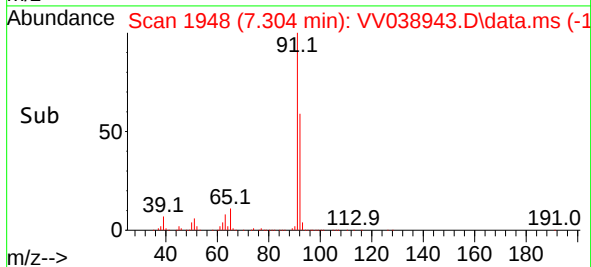
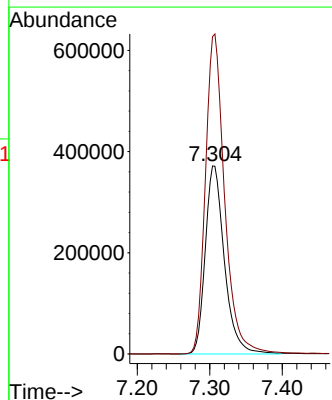
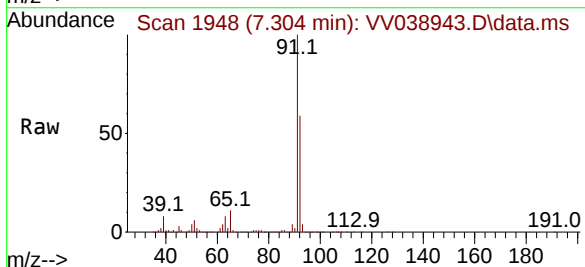
Acq: 11 Aug 2025 15:48

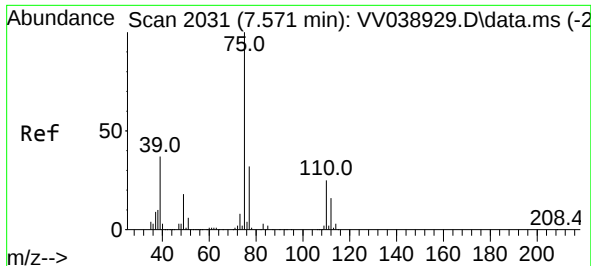
Tgt Ion: 92 Resp: 683343

Ion Ratio Lower Upper

92 100

91 170.8 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 55.795 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

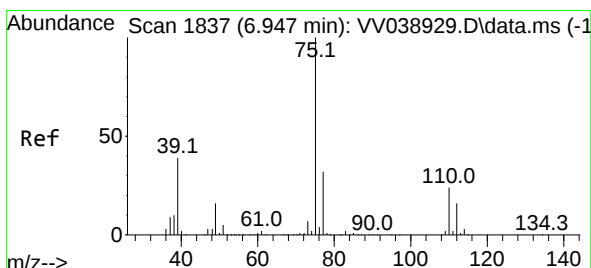
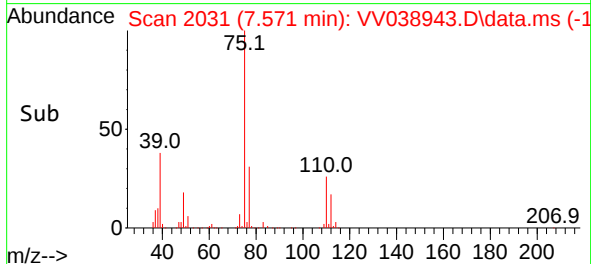
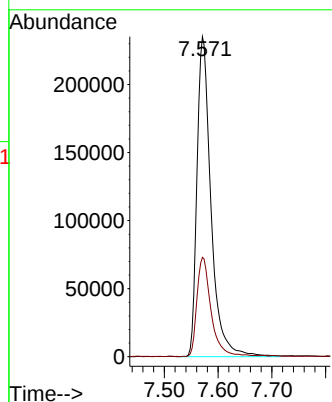
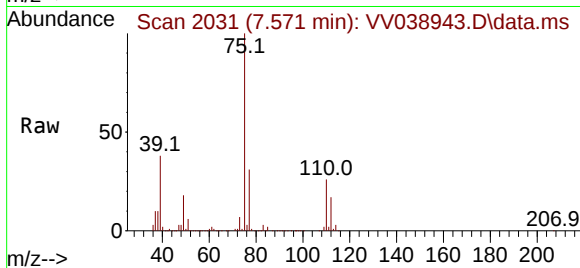
VSTDCCC050EC

Tgt Ion: 75 Resp: 425115

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 54.179 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

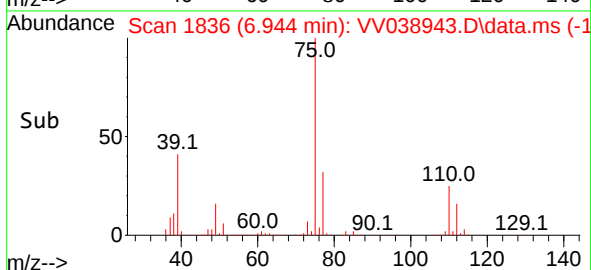
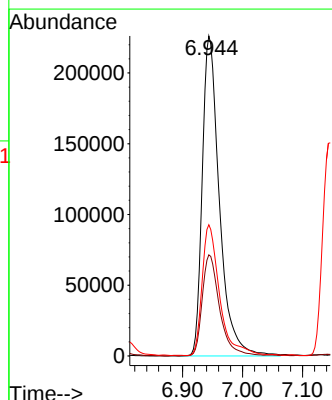
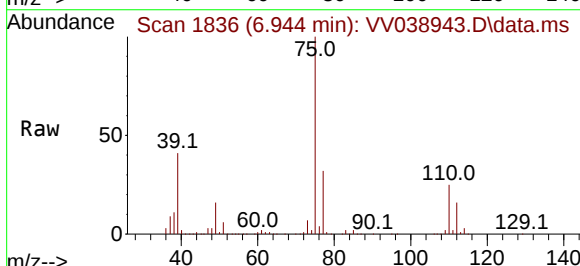
Tgt Ion: 75 Resp: 450668

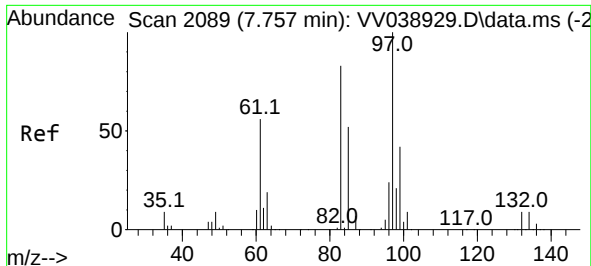
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 40.8 31.6 47.4

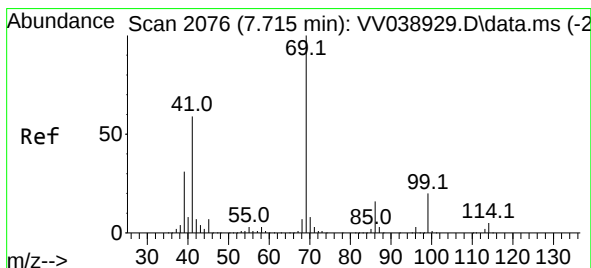
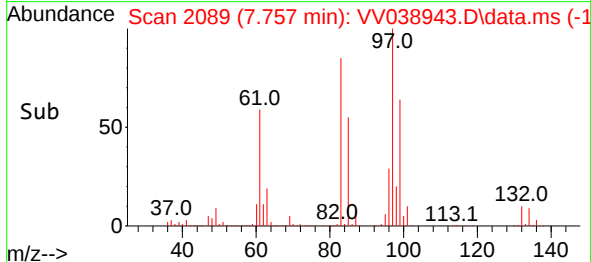
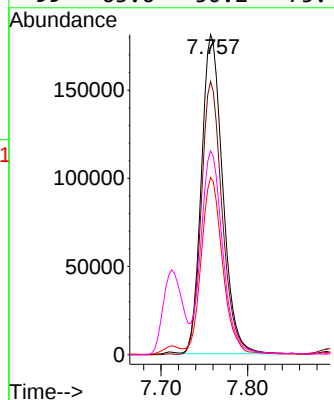
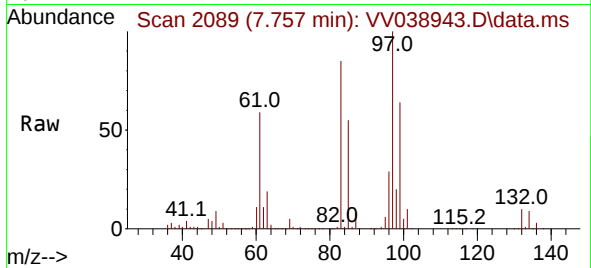




#55
 1,1,2-Trichloroethane
 Concen: 52.832 ug/l
 RT: 7.757 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

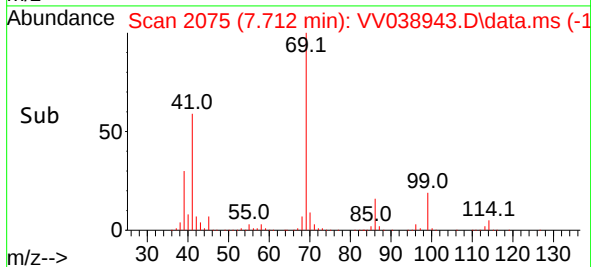
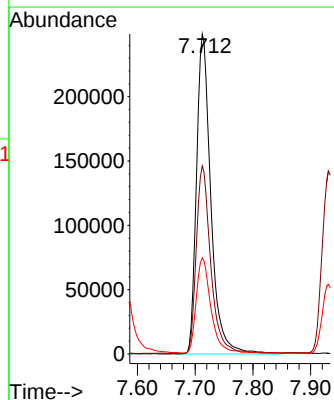
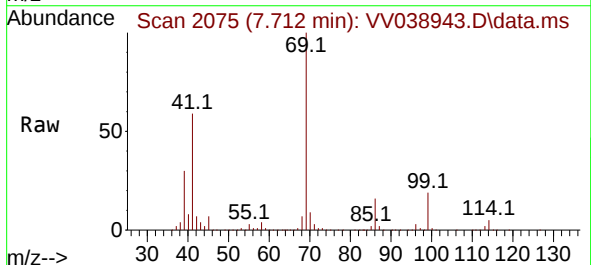
Instrument : MSVOA_V
 ClientSampleId : VSTDCCC050EC

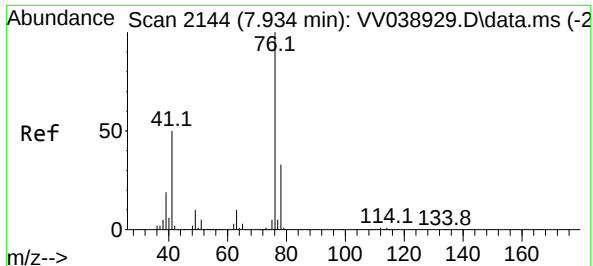
Tgt Ion: 97	Resp: 309521
Ion Ratio	Lower Upper
97 100	
83 85.5	66.2 99.4
85 55.3	42.9 64.3
99 63.6	50.2 75.4



#56
 Ethyl methacrylate
 Concen: 62.589 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.003 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

Tgt Ion: 69	Resp: 429551
Ion Ratio	Lower Upper
69 100	
41 59.2	45.8 68.8
39 30.5	23.4 35.0

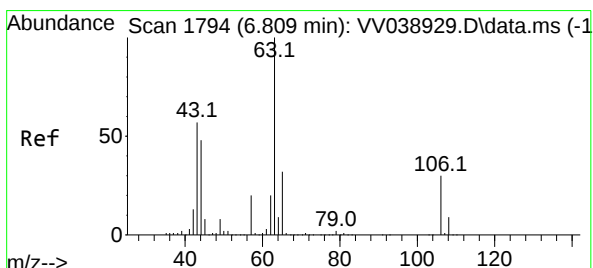
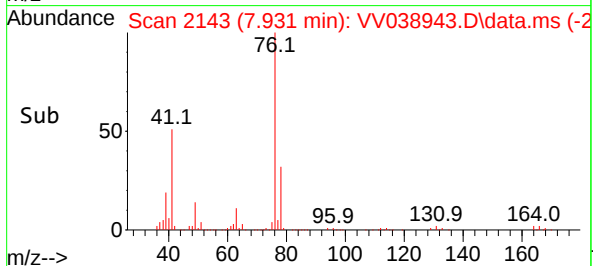
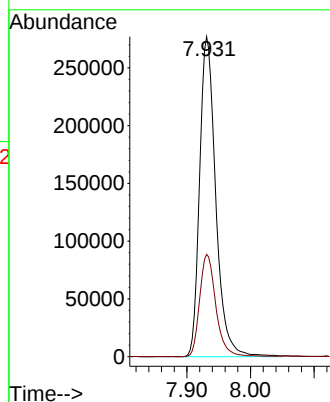
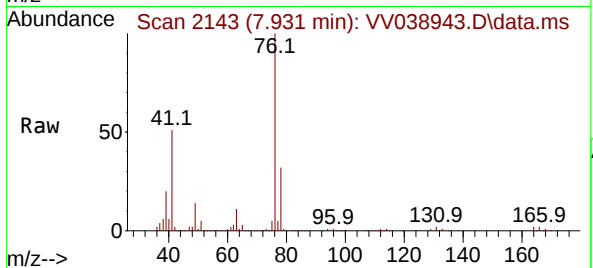




#57
1,3-Dichloropropane
Concen: 54.444 ug/l
RT: 7.931 min Scan# 2143
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

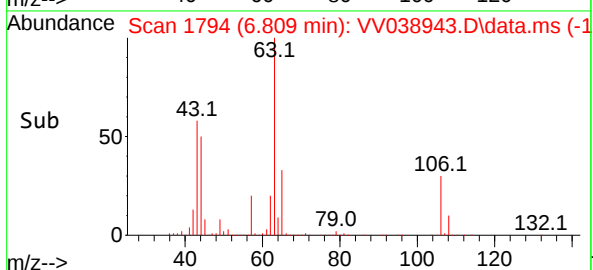
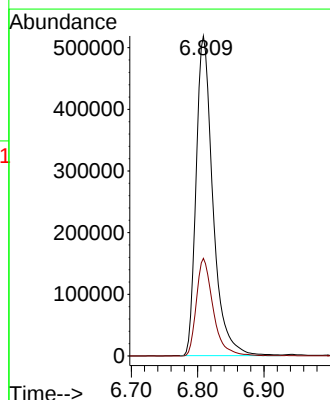
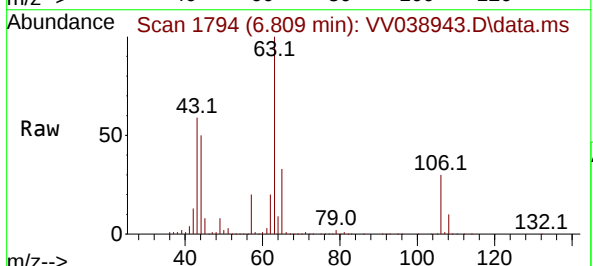
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

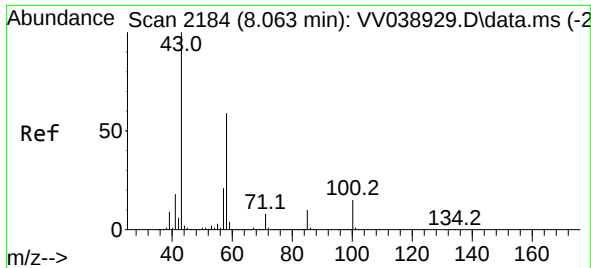
Tgt Ion: 76 Resp: 487908
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 265.124 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 63 Resp: 911412
Ion Ratio Lower Upper
63 100
106 30.6 24.1 36.1

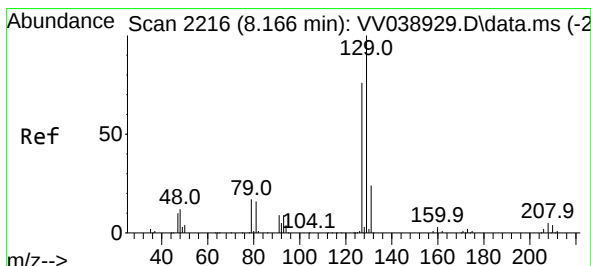
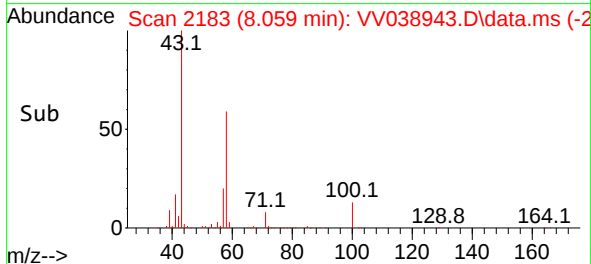
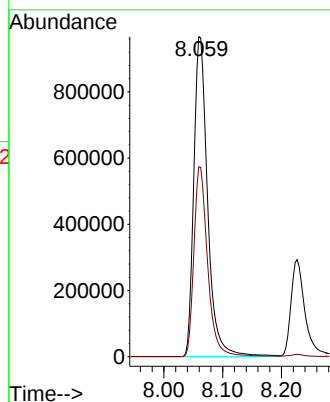
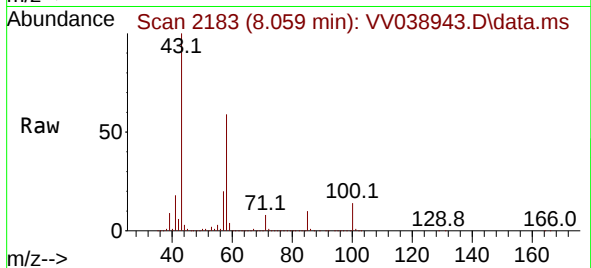




#59
2-Hexanone
Concen: 298.517 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

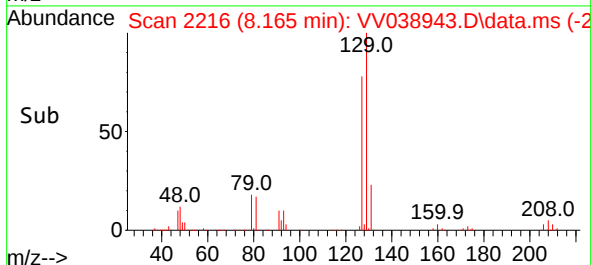
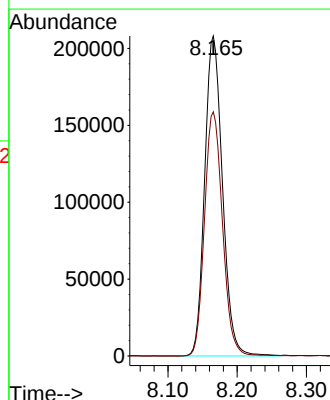
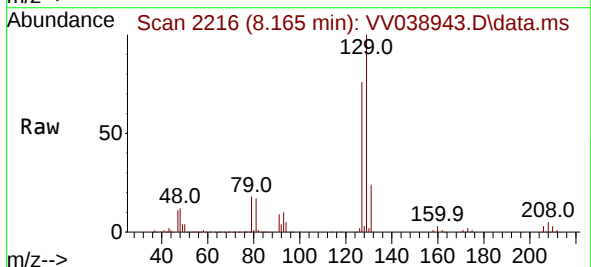
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

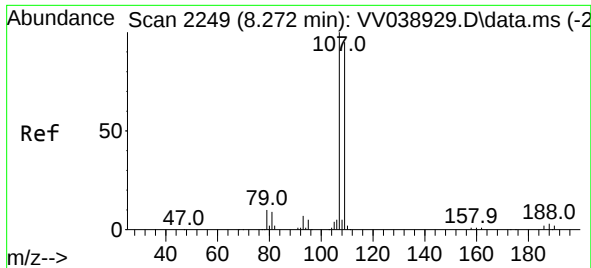
Tgt Ion: 43 Resp: 1578780
Ion Ratio Lower Upper
43 100
58 58.9 29.3 87.8



#60
Dibromochloromethane
Concen: 51.681 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion:129 Resp: 370759
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6

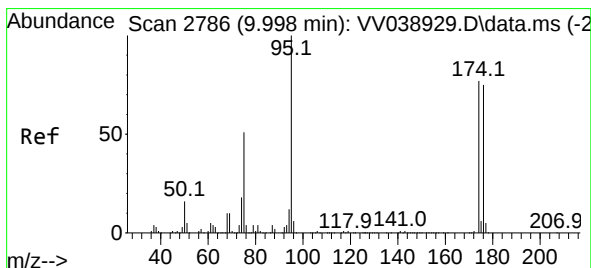
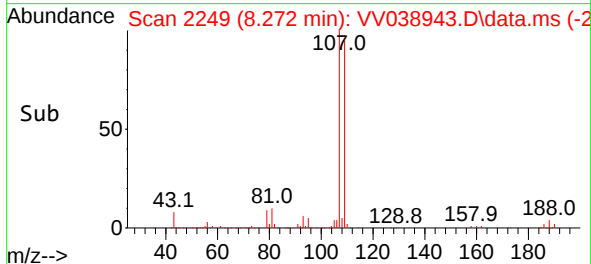
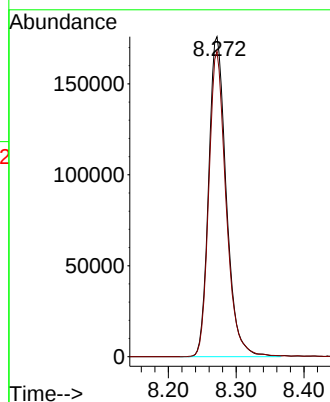
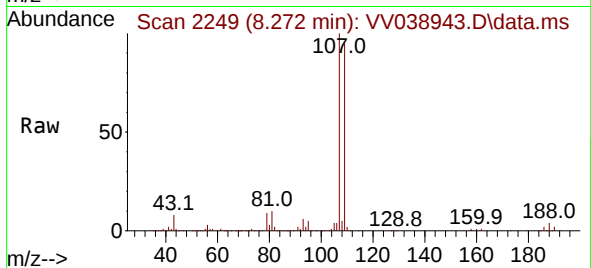




#61
1,2-Dibromoethane
Concen: 54.547 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

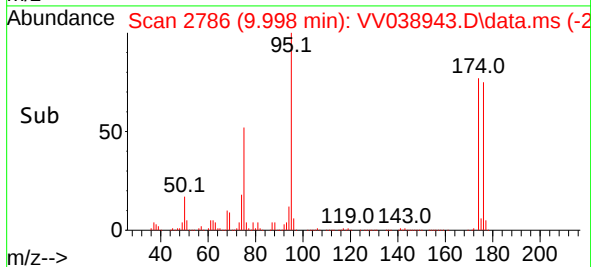
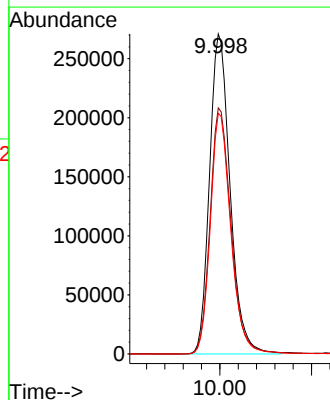
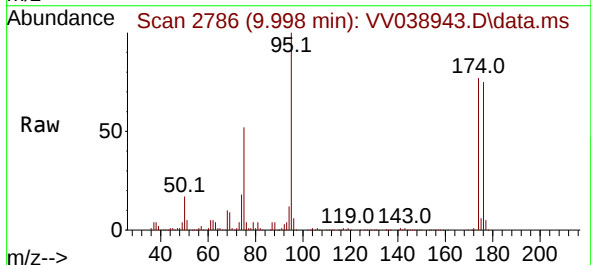
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

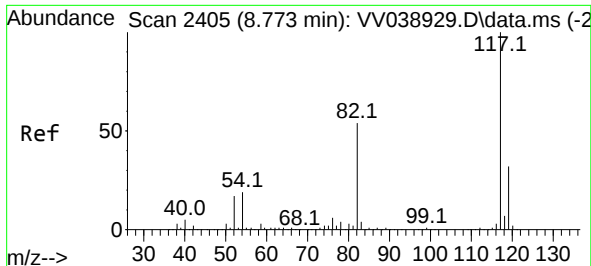
Tgt Ion:107 Resp: 317237
Ion Ratio Lower Upper
107 100
109 93.8 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 52.387 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 95 Resp: 422336
Ion Ratio Lower Upper
95 100
174 78.4 0.0 156.6
176 74.9 0.0 153.0

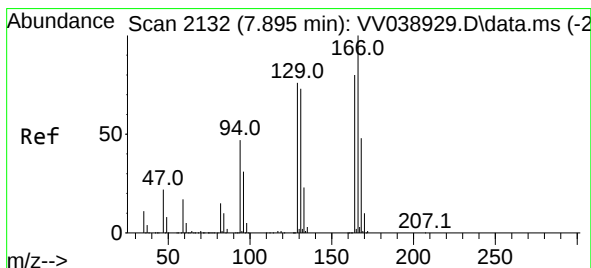
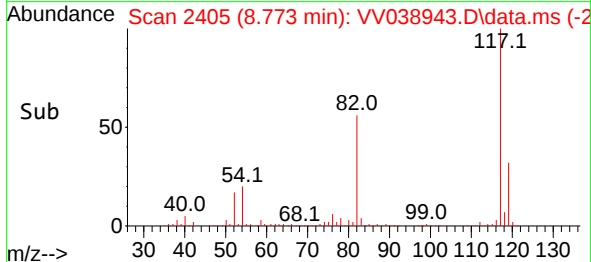
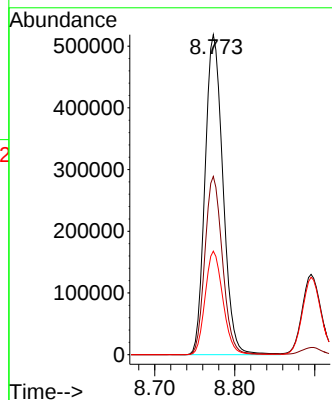
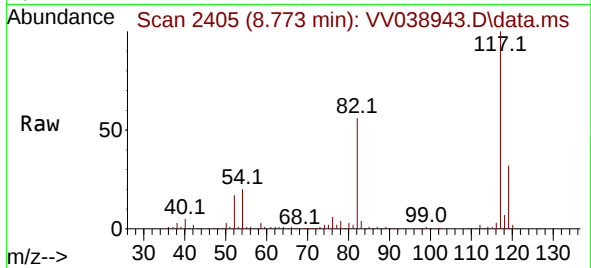




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

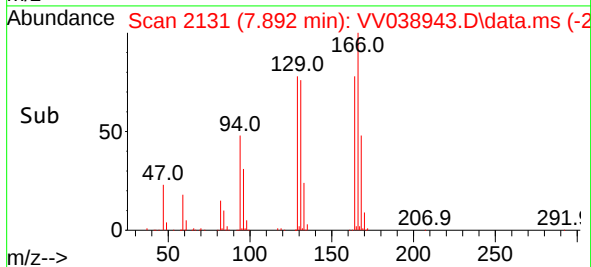
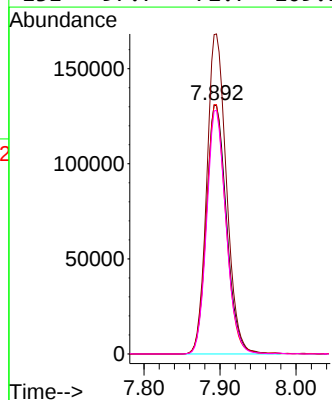
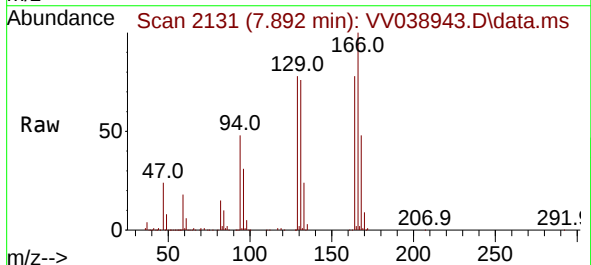
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

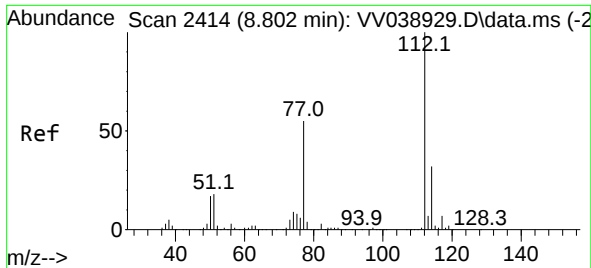
Tgt Ion:117 Resp: 809623
Ion Ratio Lower Upper
117 100
82 55.7 43.2 64.8
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 50.712 ug/l
RT: 7.892 min Scan# 2131
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion:164 Resp: 240967
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.4
129 100.2 76.7 115.1
131 97.7 72.7 109.1

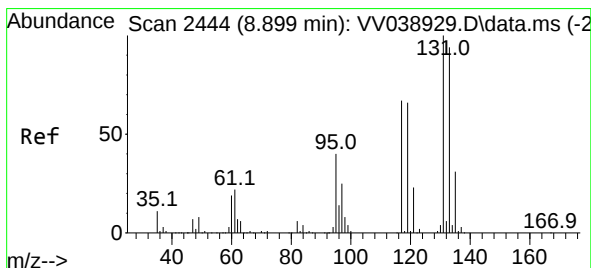
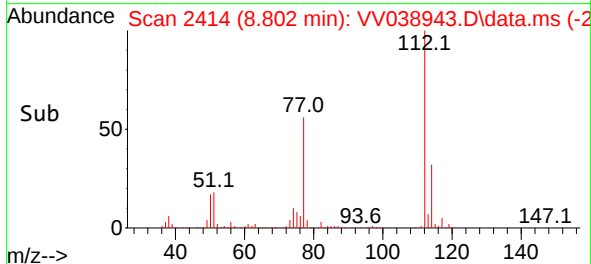
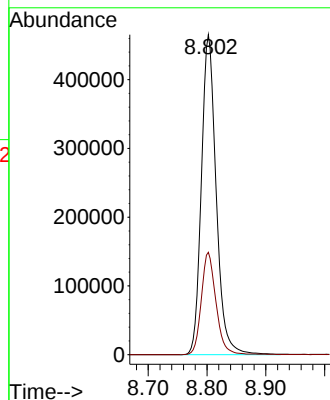
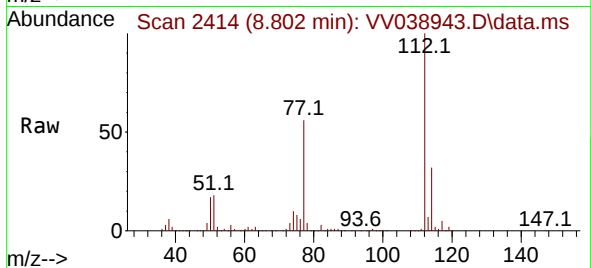




#65
Chlorobenzene
Concen: 51.377 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

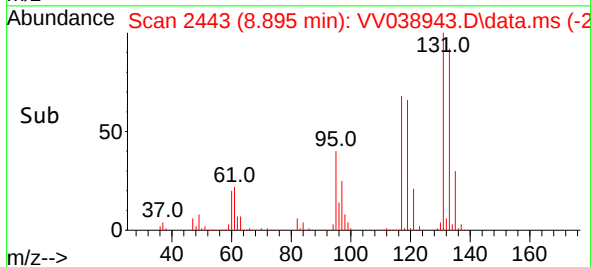
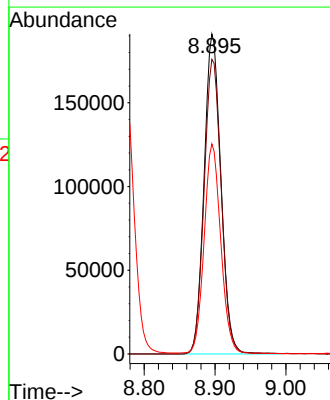
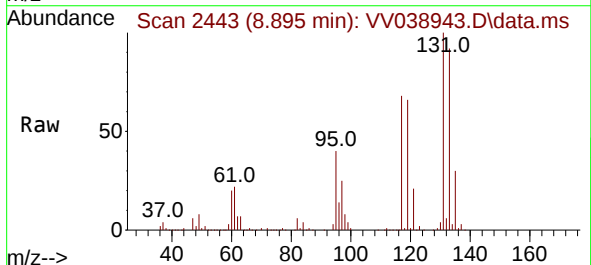
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

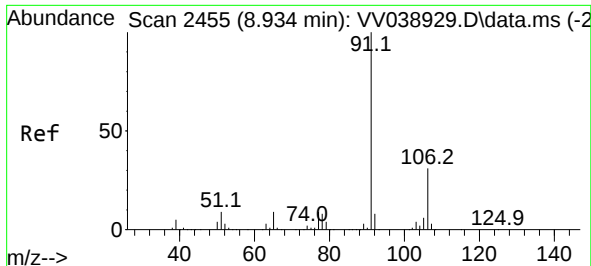
Tgt Ion:112 Resp: 813127
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.640 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion:131 Resp: 315240
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.5
119 64.4 32.8 98.3





#67

Ethyl Benzene

Concen: 56.705 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

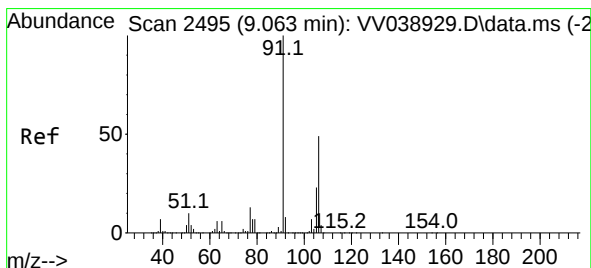
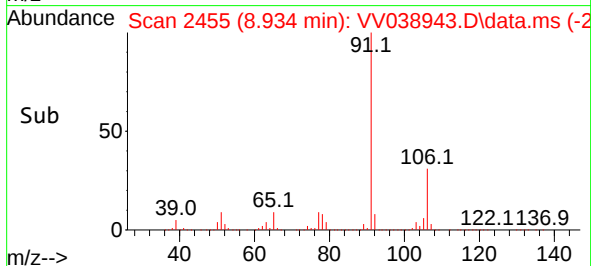
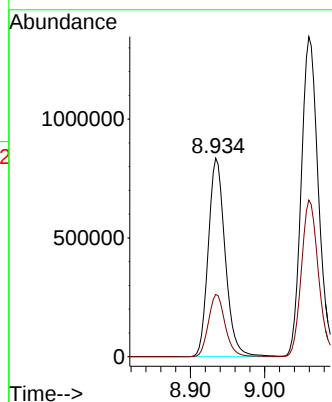
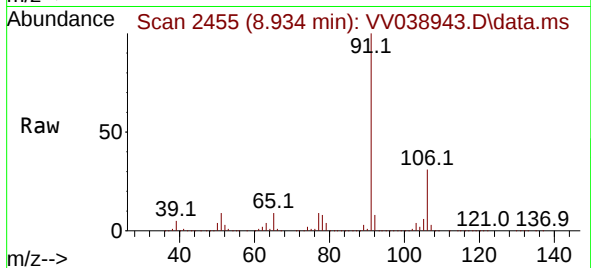
VSTDCCC050EC

Tgt Ion: 91 Resp: 1318178

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 118.417 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV038943.D

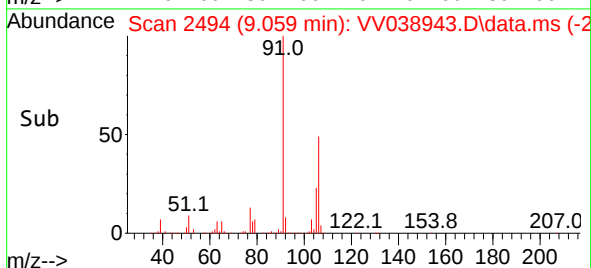
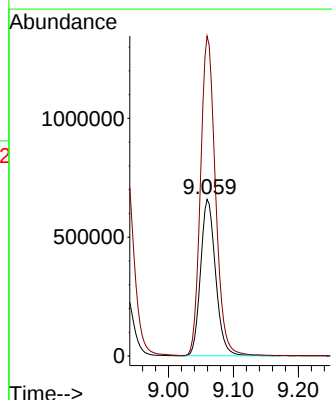
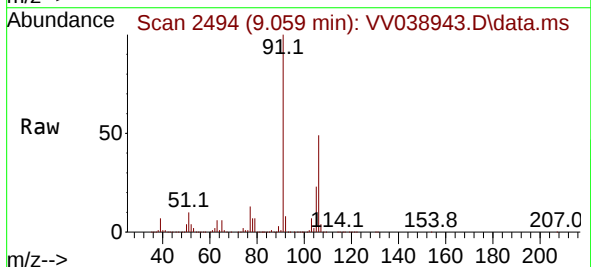
Acq: 11 Aug 2025 15:48

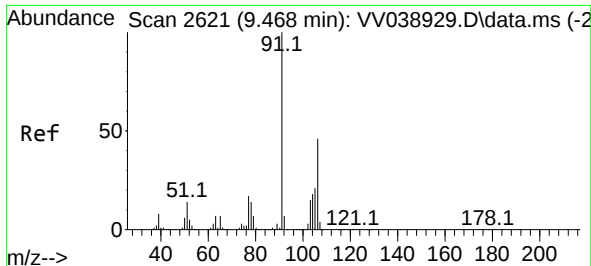
Tgt Ion:106 Resp: 1060898

Ion Ratio Lower Upper

106 100

91 203.0 163.4 245.2

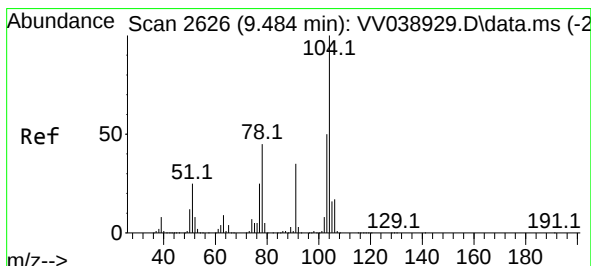
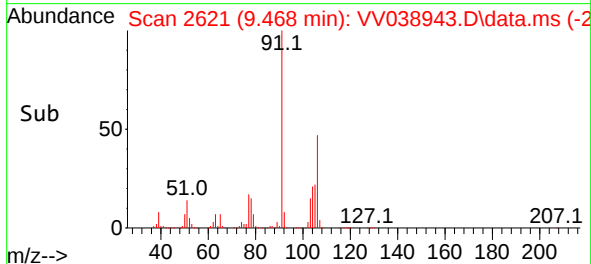
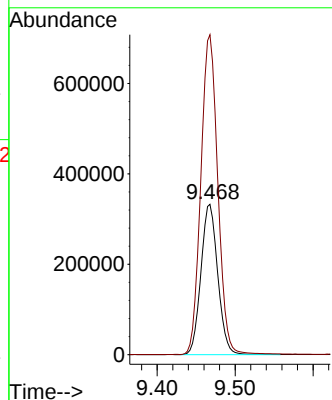
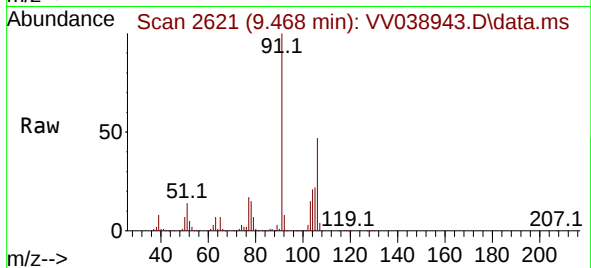




#69
o-Xylene
Concen: 59.255 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

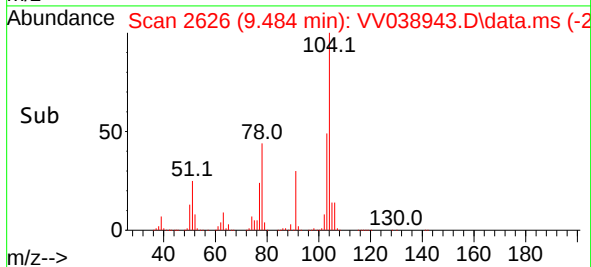
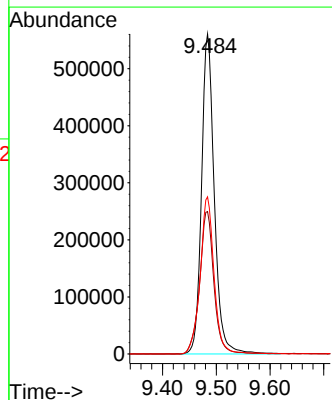
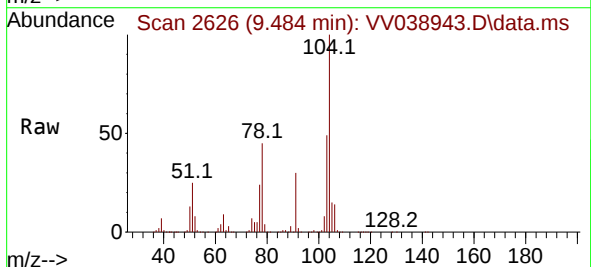
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

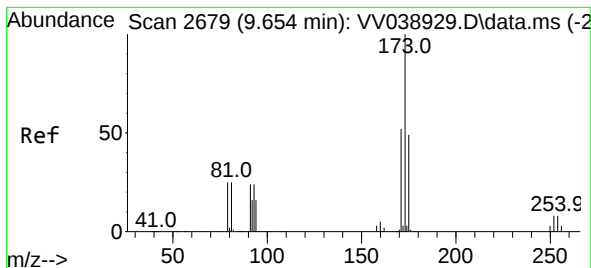
Tgt Ion:106 Resp: 499192
Ion Ratio Lower Upper
106 100
91 215.1 109.1 327.3



#70
Styrene
Concen: 60.972 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion:104 Resp: 924795
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 53.4 43.8 65.6





#71

Bromoform

Concen: 51.770 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

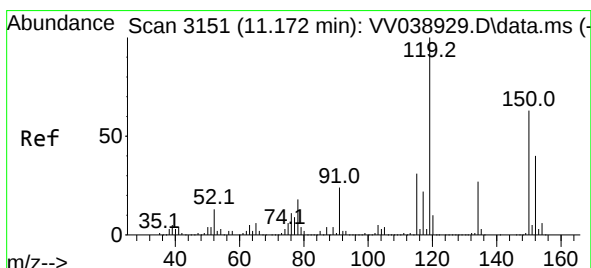
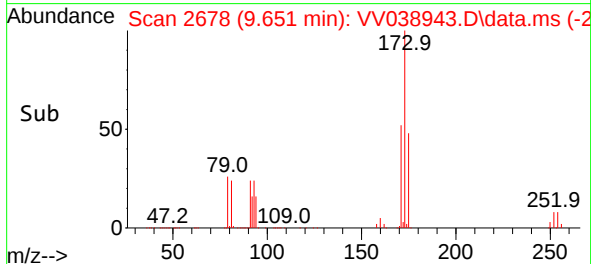
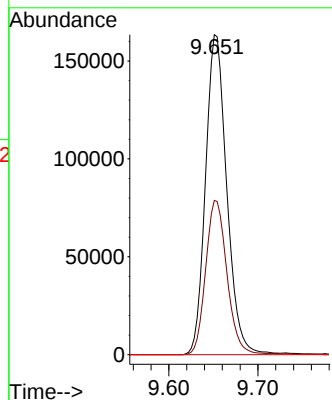
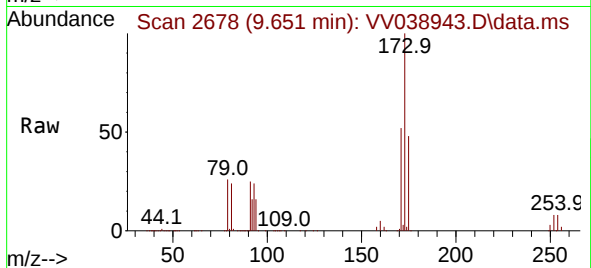
Tgt Ion:173 Resp: 270822

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.9

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

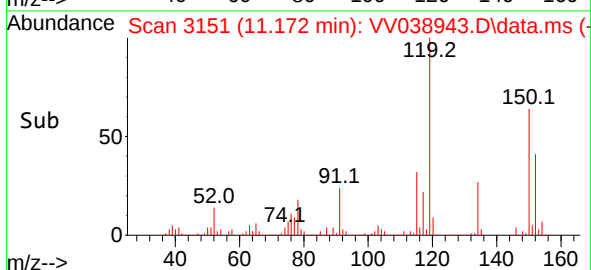
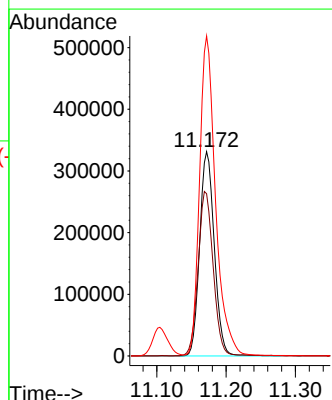
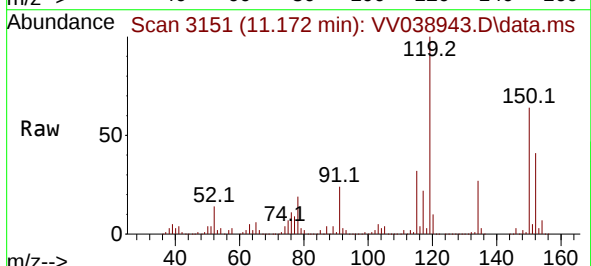
Tgt Ion:152 Resp: 486359

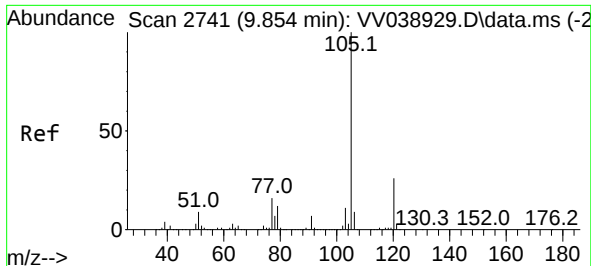
Ion Ratio Lower Upper

152 100

115 82.9 41.0 123.2

150 170.6 0.0 345.4

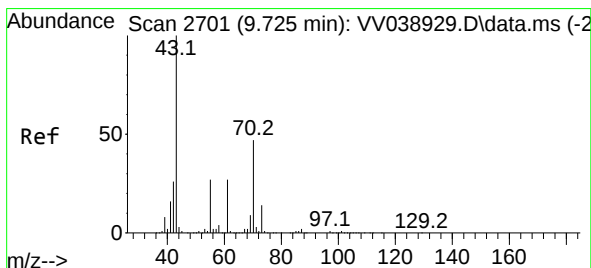
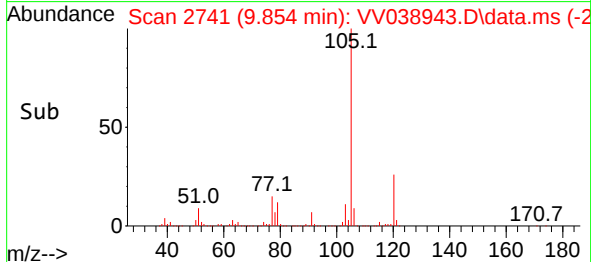
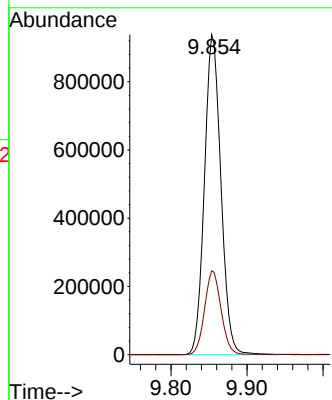
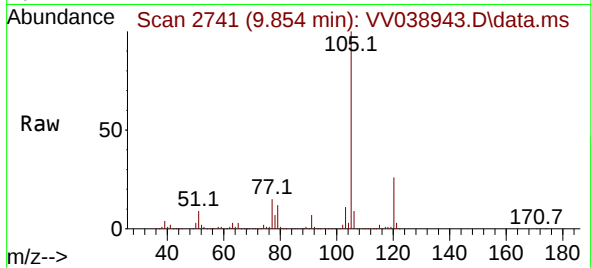




#73
Isopropylbenzene
Concen: 55.602 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

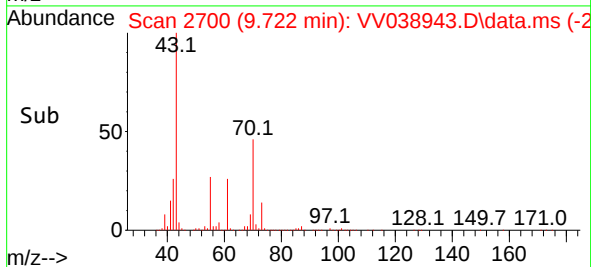
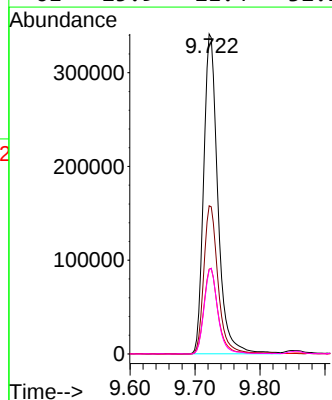
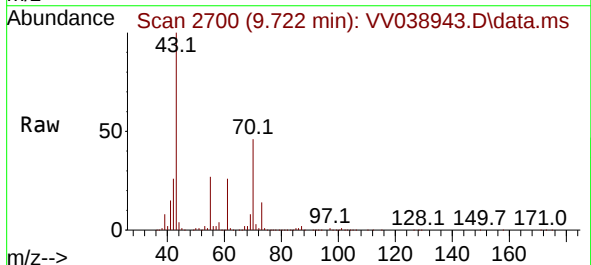
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

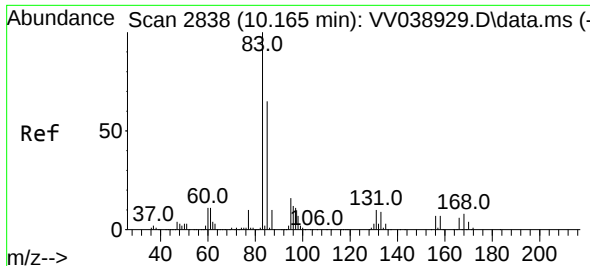
Tgt Ion:105 Resp: 1411511
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.8



#74
N-ethyl acetate
Concen: 58.346 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 43 Resp: 520504
Ion Ratio Lower Upper
43 100
70 46.5 37.4 56.0
55 26.9 22.1 33.1
61 25.9 21.4 32.2

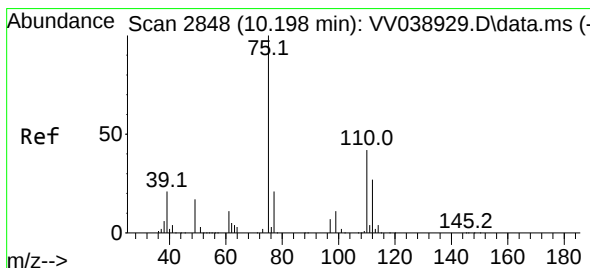
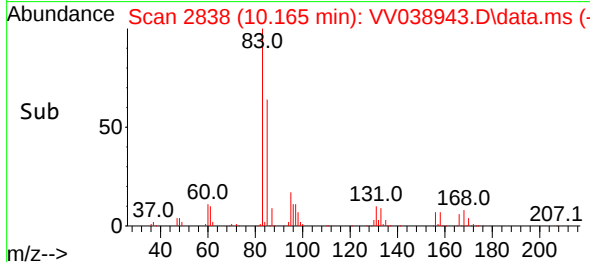
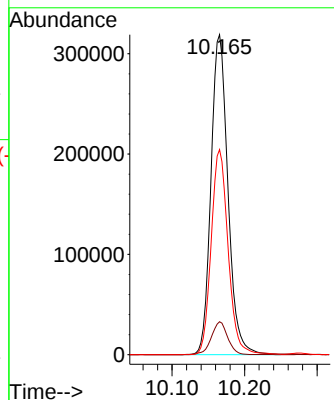
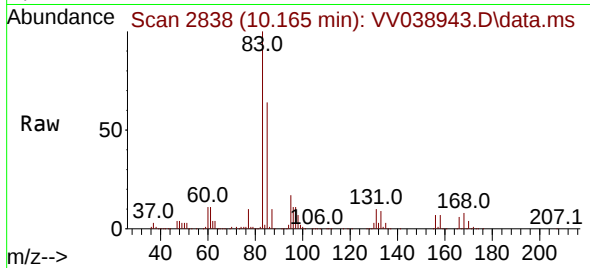




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.709 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

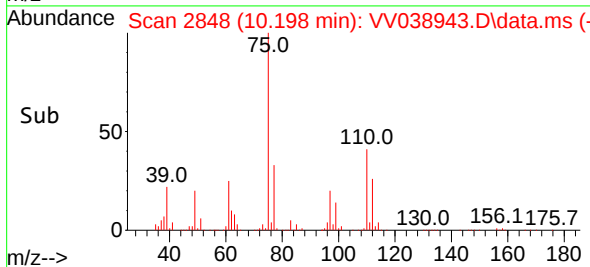
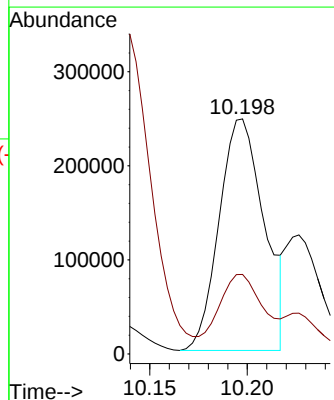
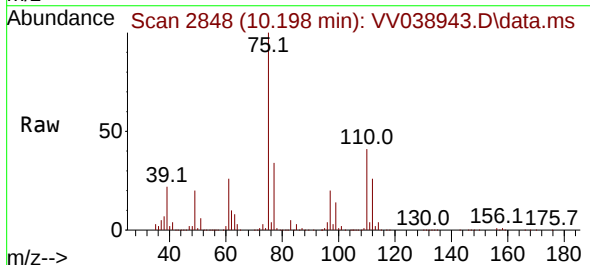
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

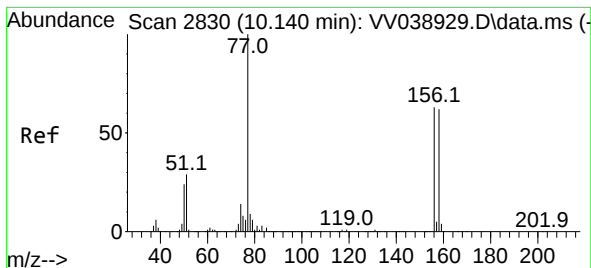
Tgt Ion: 83 Resp: 517834
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 14.9
 85 64.1 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 49.822 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: VV038943.D
 Acq: 11 Aug 2025 15:48

Tgt Ion: 75 Resp: 395911
 Ion Ratio Lower Upper
 75 100
 77 23.4 11.9 35.9





#77

Bromobenzene

Concen: 51.795 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

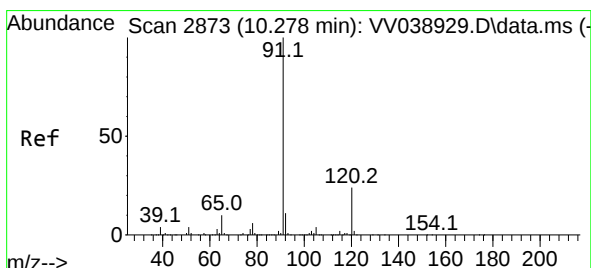
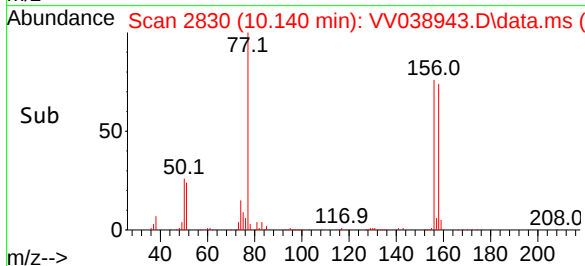
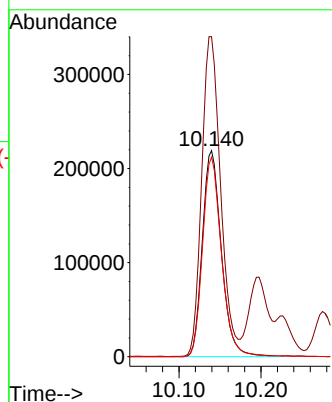
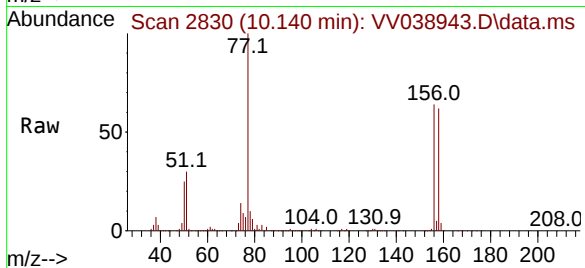
Tgt Ion:156 Resp: 352972

Ion Ratio Lower Upper

156 100

77 154.7 78.8 236.5

158 96.2 49.6 148.8



#78

n-propylbenzene

Concen: 57.090 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. -0.003 min

Lab File: VV038943.D

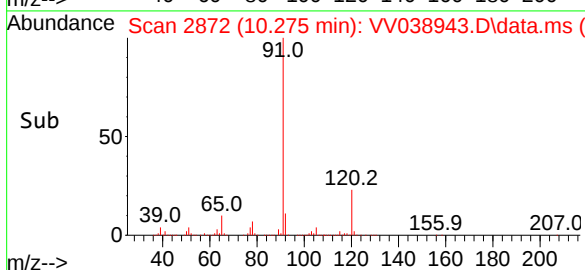
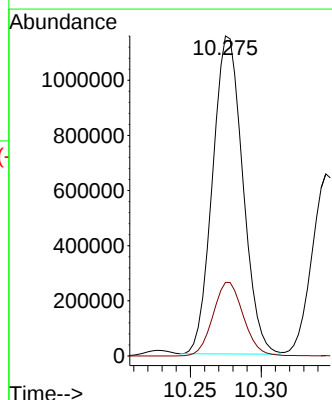
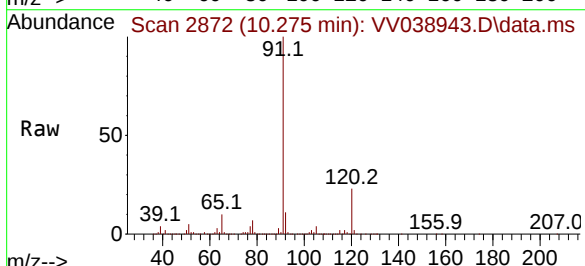
Acq: 11 Aug 2025 15:48

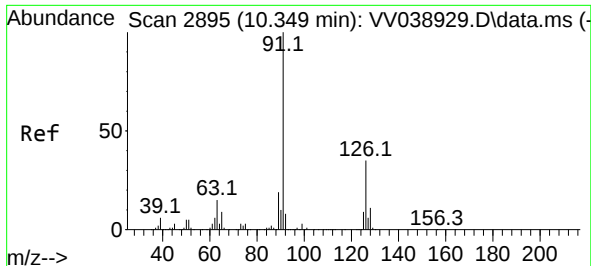
Tgt Ion: 91 Resp: 1709704

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7

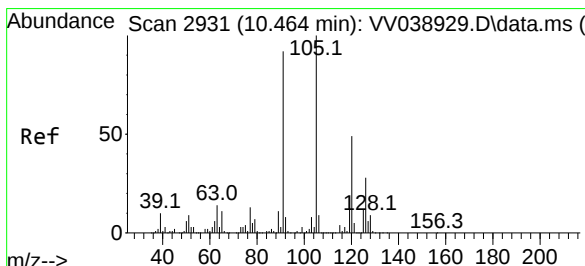
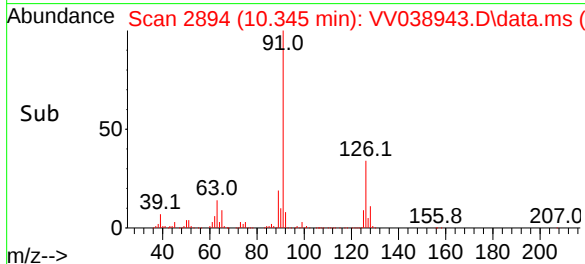
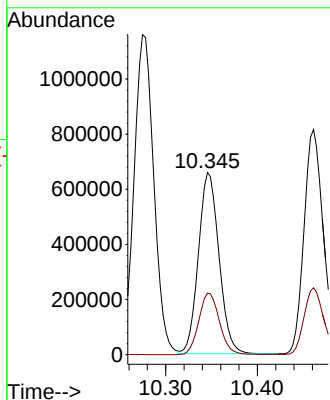
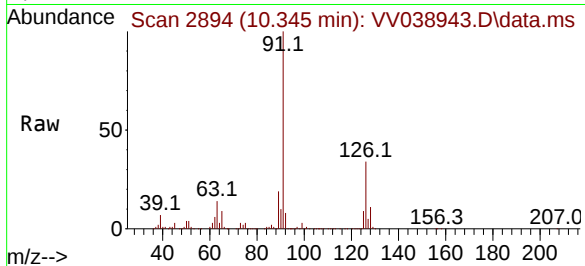




#79
2-Chlorotoluene
Concen: 55.811 ug/l
RT: 10.345 min Scan# 2895
Delta R.T. -0.003 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

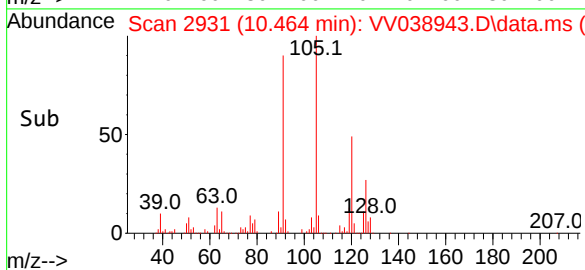
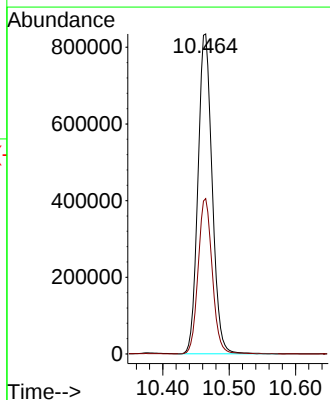
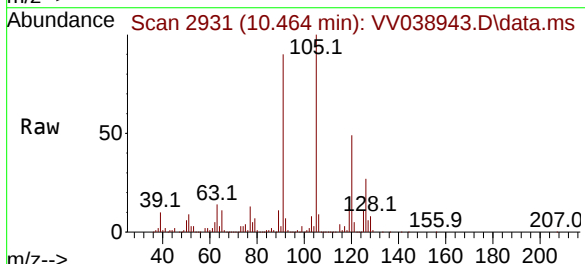
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

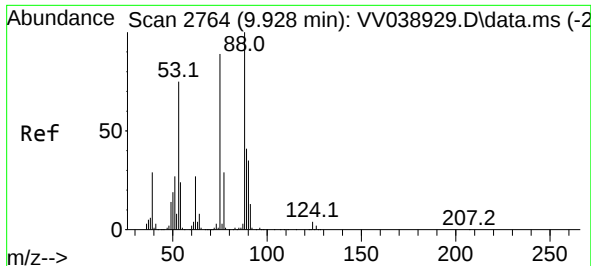
Tgt Ion: 91 Resp: 1025885
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 57.926 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion:105 Resp: 1240699
Ion Ratio Lower Upper
105 100
120 48.2 24.6 73.6

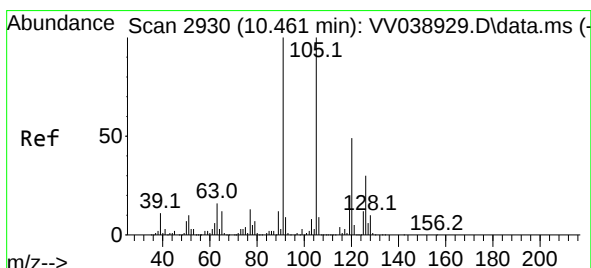
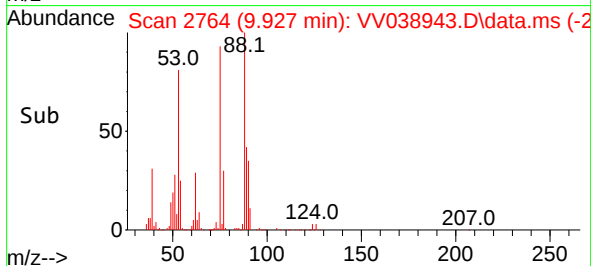
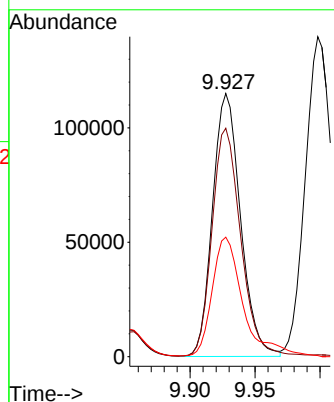
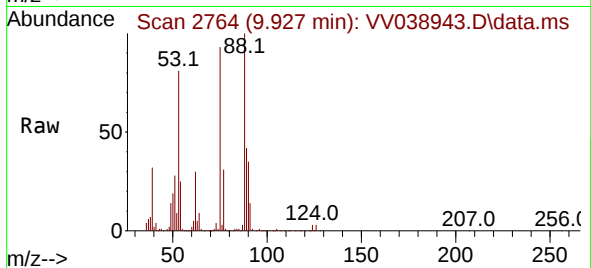




#81
trans-1,4-Dichloro-2-butene
Concen: 54.210 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

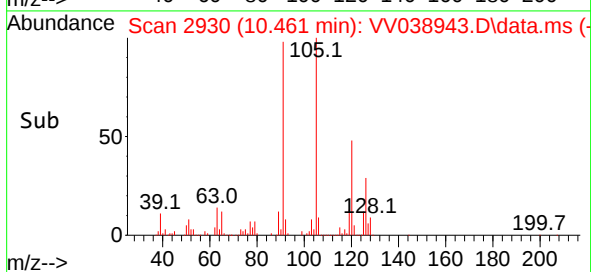
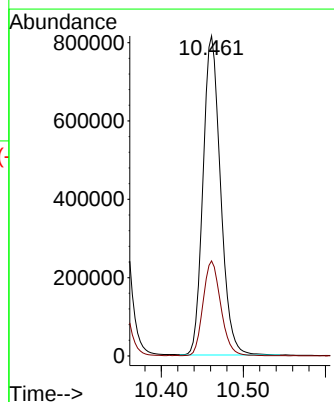
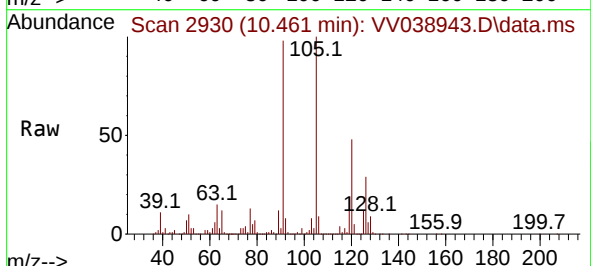
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

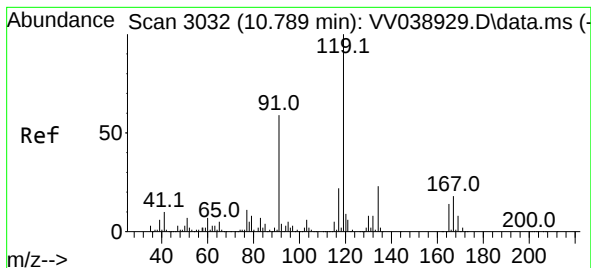
Tgt Ion: 75 Resp: 172060
Ion Ratio Lower Upper
75 100
53 88.6 69.0 103.4
89 50.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 56.268 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038943.D
Acq: 11 Aug 2025 15:48

Tgt Ion: 91 Resp: 1209633
Ion Ratio Lower Upper
91 100
126 30.1 15.0 45.0





#83

tert-Butylbenzene

Concen: 54.070 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

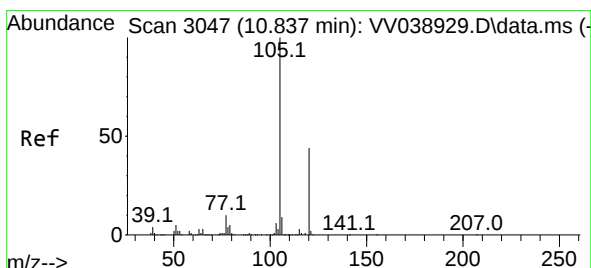
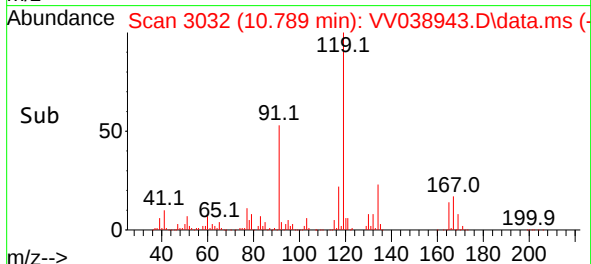
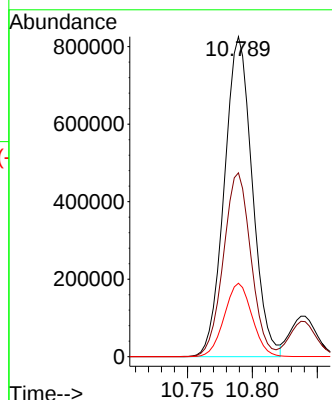
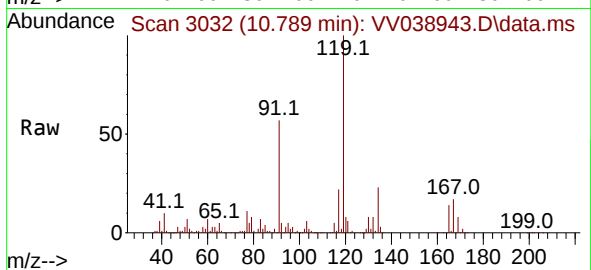
Tgt Ion:119 Resp: 1233685

Ion Ratio Lower Upper

119 100

91 56.6 28.5 85.5

134 22.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 58.464 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV038943.D

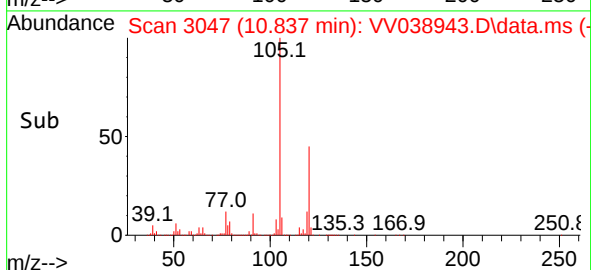
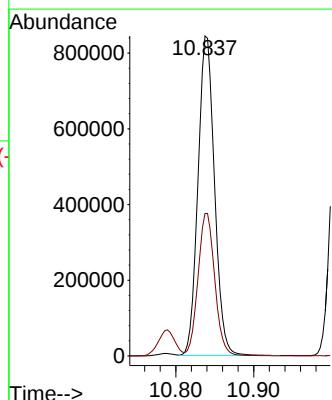
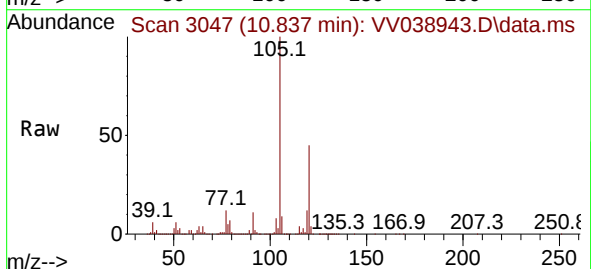
Acq: 11 Aug 2025 15:48

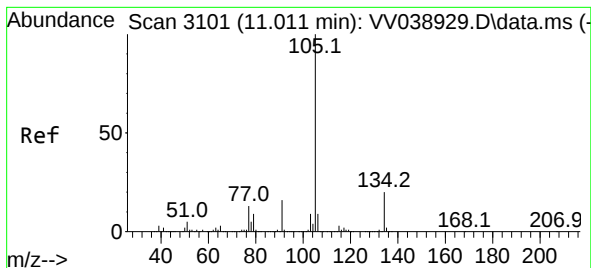
Tgt Ion:105 Resp: 1242778

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 57.043 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

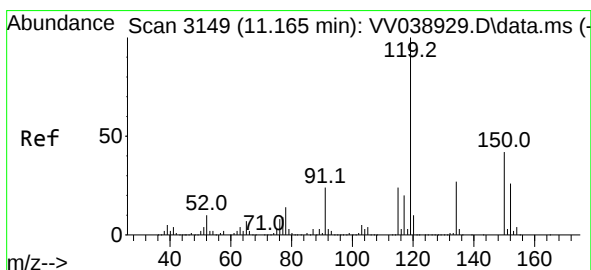
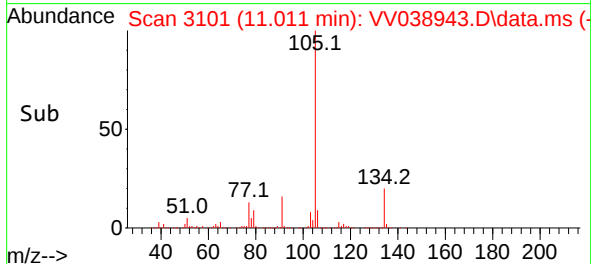
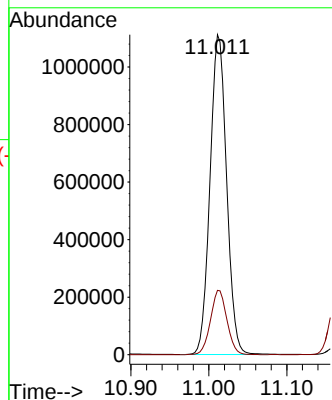
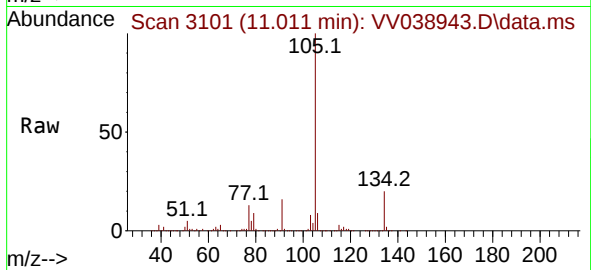
VSTDCCC050EC

Tgt Ion:105 Resp: 1644606

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 55.348 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

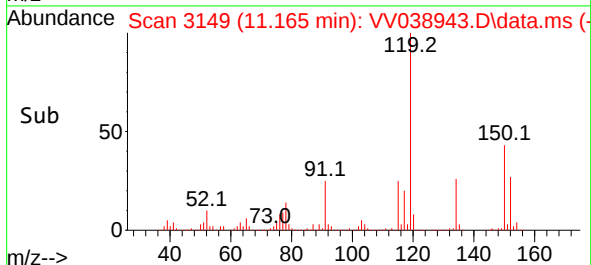
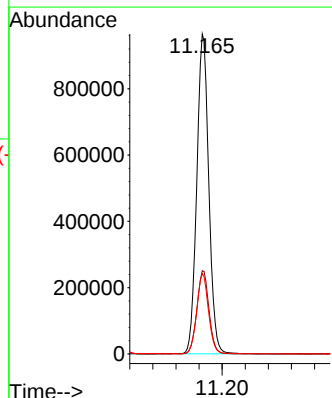
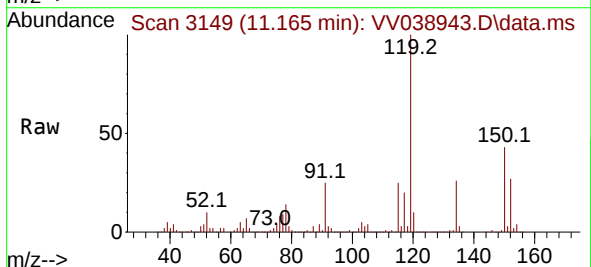
Tgt Ion:119 Resp: 1390088

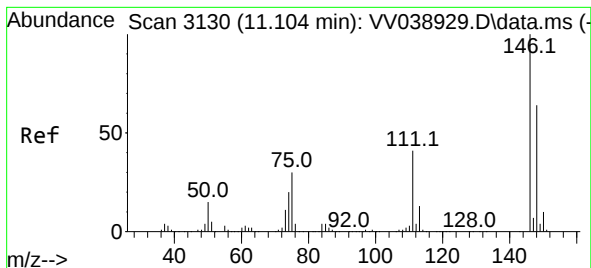
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.6

91 24.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 50.009 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

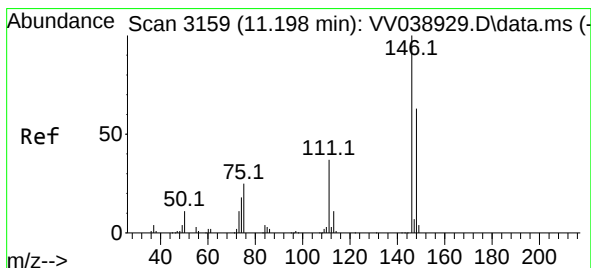
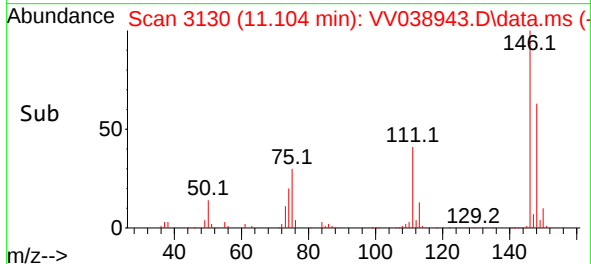
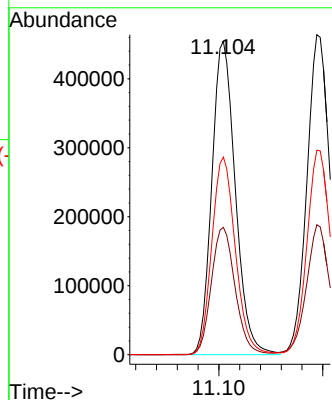
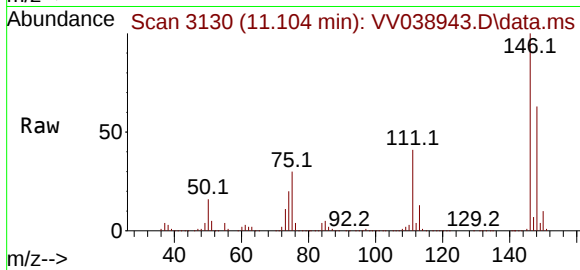
Tgt Ion:146 Resp: 712376

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

148 63.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 47.670 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.003 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

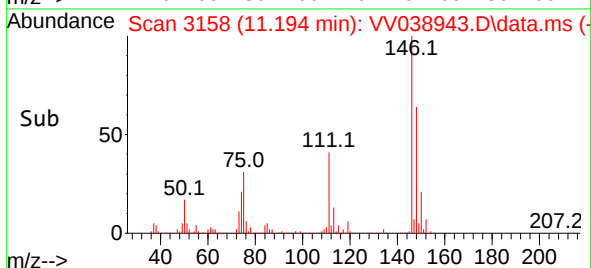
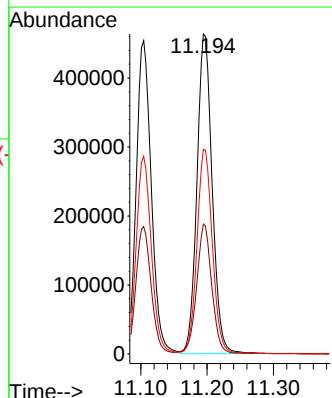
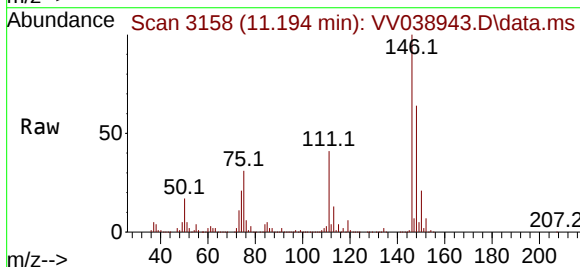
Tgt Ion:146 Resp: 738835

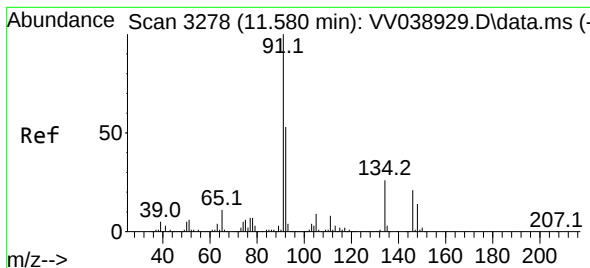
Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 64.6 31.4 94.2





#89

n-Butylbenzene

Concen: 57.842 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

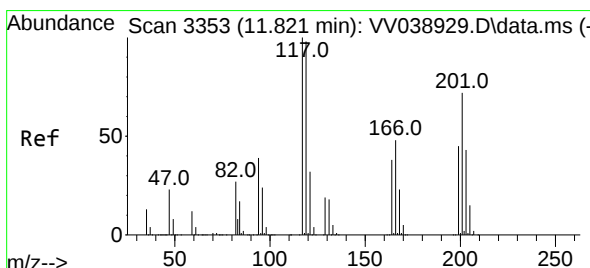
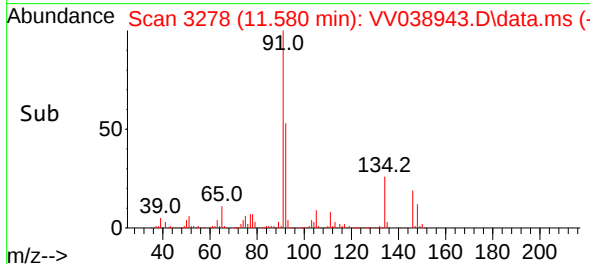
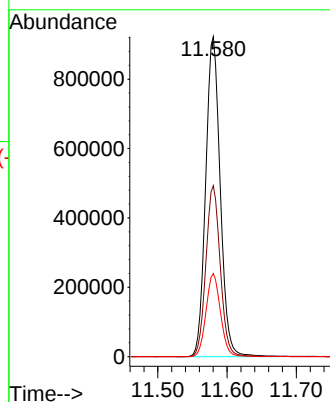
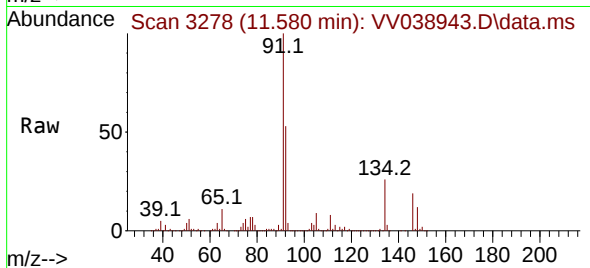
Tgt Ion: 91 Resp: 1342988

Ion Ratio Lower Upper

91 100

92 52.9 26.2 78.6

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 48.357 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038943.D

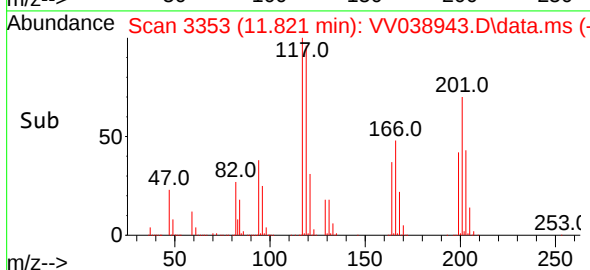
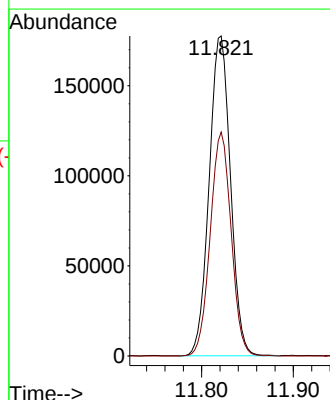
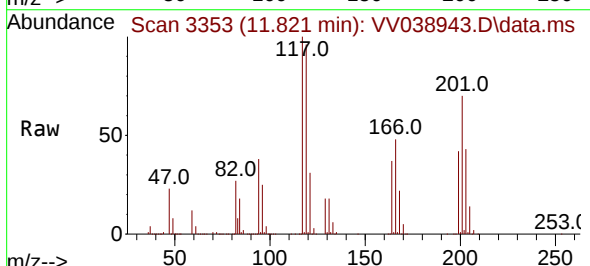
Acq: 11 Aug 2025 15:48

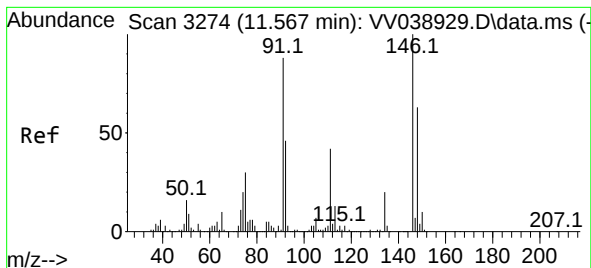
Tgt Ion: 117 Resp: 286493

Ion Ratio Lower Upper

117 100

201 68.6 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 50.890 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

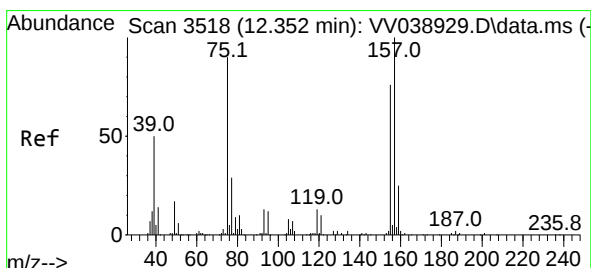
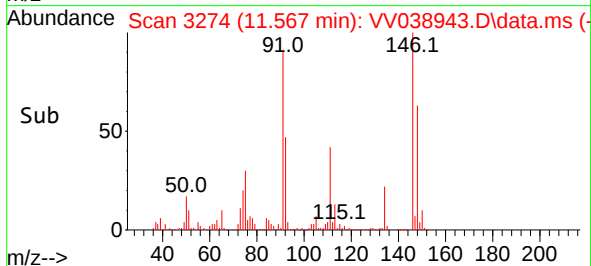
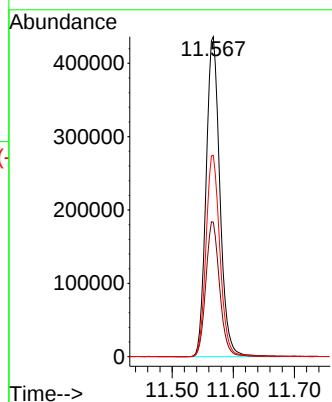
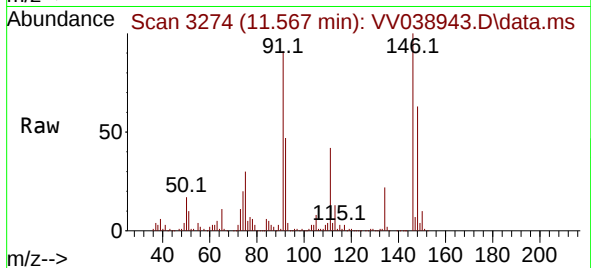
Tgt Ion:146 Resp: 685229

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.3

148 63.4 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.612 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

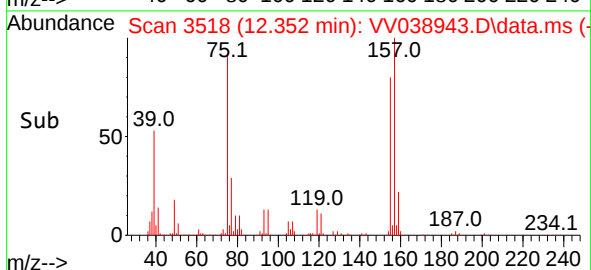
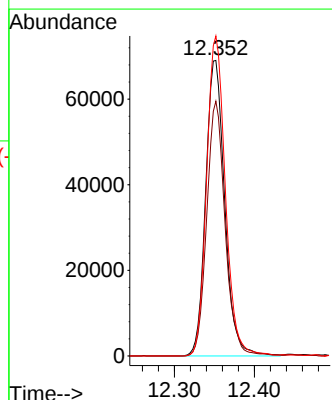
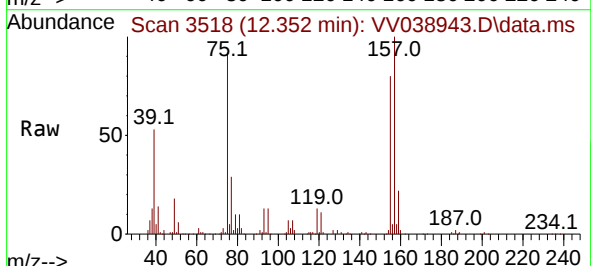
Tgt Ion: 75 Resp: 114797

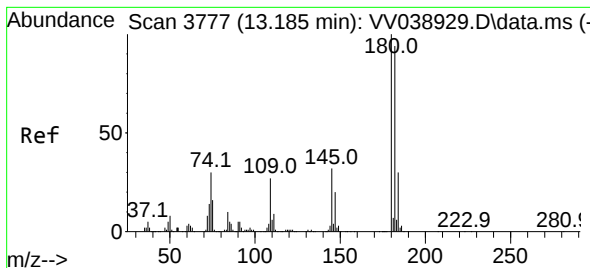
Ion Ratio Lower Upper

75 100

155 83.2 41.4 124.2

157 106.4 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 52.466 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

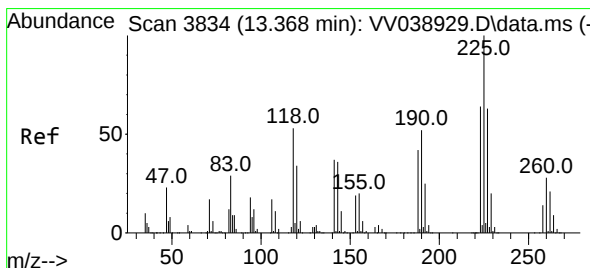
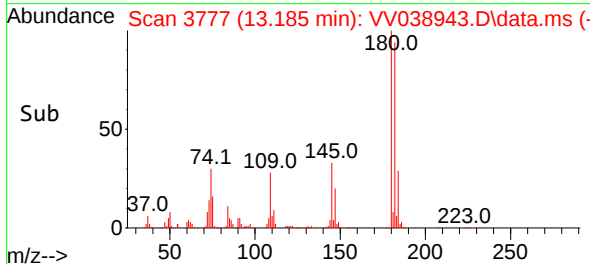
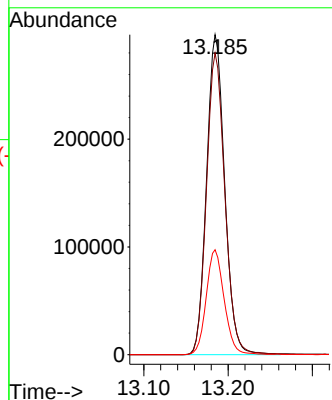
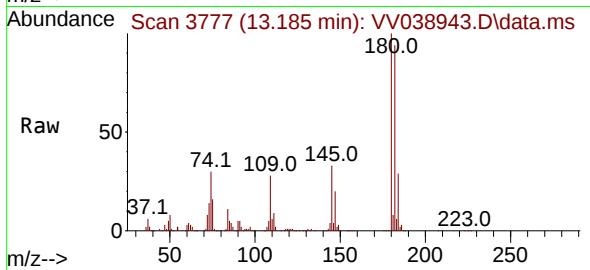
Tgt Ion:180 Resp: 445586

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 32.5 15.9 47.6



#94

Hexachlorobutadiene

Concen: 45.929 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

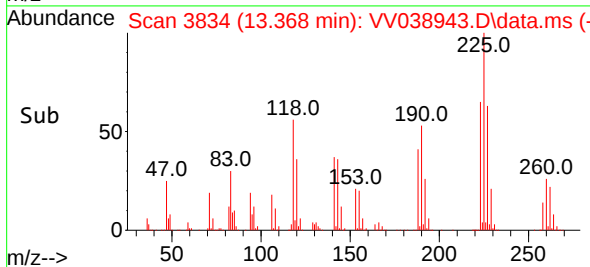
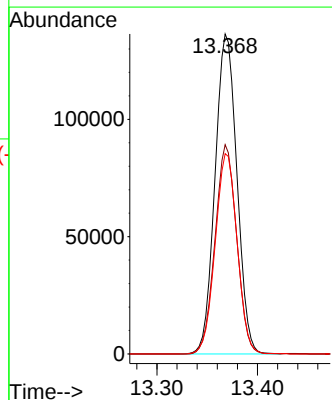
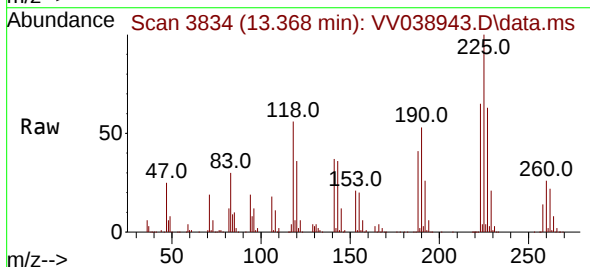
Tgt Ion:225 Resp: 206114

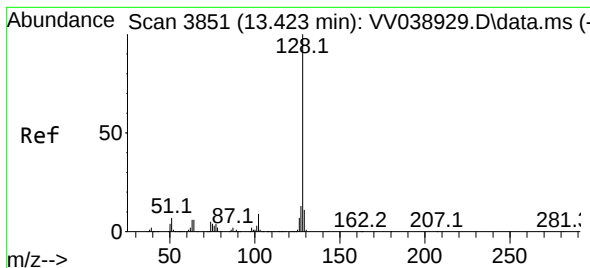
Ion Ratio Lower Upper

225 100

223 64.7 32.0 96.0

227 62.9 31.3 93.9





#95

Naphthalene

Concen: 57.984 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

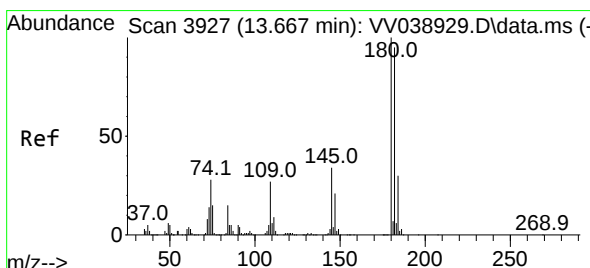
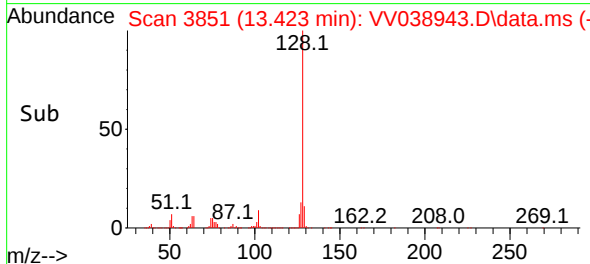
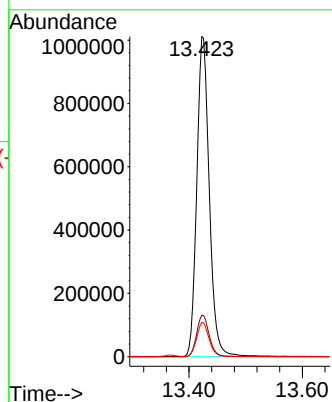
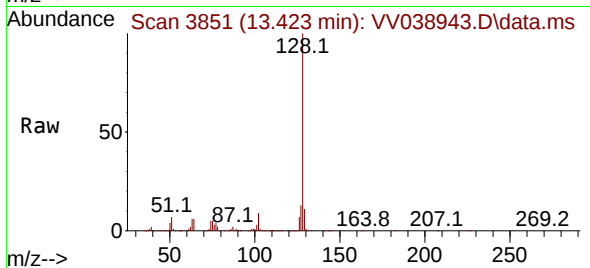
Tgt Ion:128 Resp: 1545263

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 53.582 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. -0.000 min

Lab File: VV038943.D

Acq: 11 Aug 2025 15:48

Tgt Ion:180 Resp: 465693

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 34.7 17.1 51.3

