

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038297.D
 Acq On : 23 Nov 2024 14:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 23:00:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	256269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	256758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	140968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	79098	4.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.529	69	72229	4.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.053	65	34854	4.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.793	46	181650	46.228	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.460%
24) Chloroform-d	4.240	84	182128	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.934	65	80793	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.950	84	322941	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	5.979	67	99028	4.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.233	98	298272	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.551	79	37263	4.908	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.018	63	133772	45.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.660%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	84345	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	115424	4.806	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	106901	4.409	ug/L	98
3) Chloromethane	1.214	50	100714	4.824	ug/L	96
5) Vinyl chloride	1.281	62	106908	4.519	ug/L	100
6) Bromomethane	1.484	94	63057	6.836	ug/L	98
8) Chloroethane	1.545	64	72091	4.782	ug/L	98
9) Trichlorofluoromethane	1.709	101	148597	4.414	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	89275	4.646	ug/L	97
12) 1,1-Dichloroethene	2.063	96	81429	4.449	ug/L	96
13) Acetone	2.127	43	128369	44.171	ug/L	98
14) Carbon disulfide	2.236	76	251700	4.269	ug/L	100
15) Methyl Acetate	2.381	43	30860	4.373	ug/L #	88
16) Methylene chloride	2.442	84	93834	4.496	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	176911	4.275	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	85693	4.444	ug/L	98
19) 1,1-Dichloroethane	3.105	63	164332	4.695	ug/L	98
21) 2-Butanone	3.876	43	165852	39.763	ug/L	97
22) cis-1,2-Dichloroethene	3.805	96	93631	4.696	ug/L	95
23) Bromochloromethane	4.140	128	44549	4.576	ug/L	91
25) Chloroform	4.265	83	174711	4.666	ug/L	97

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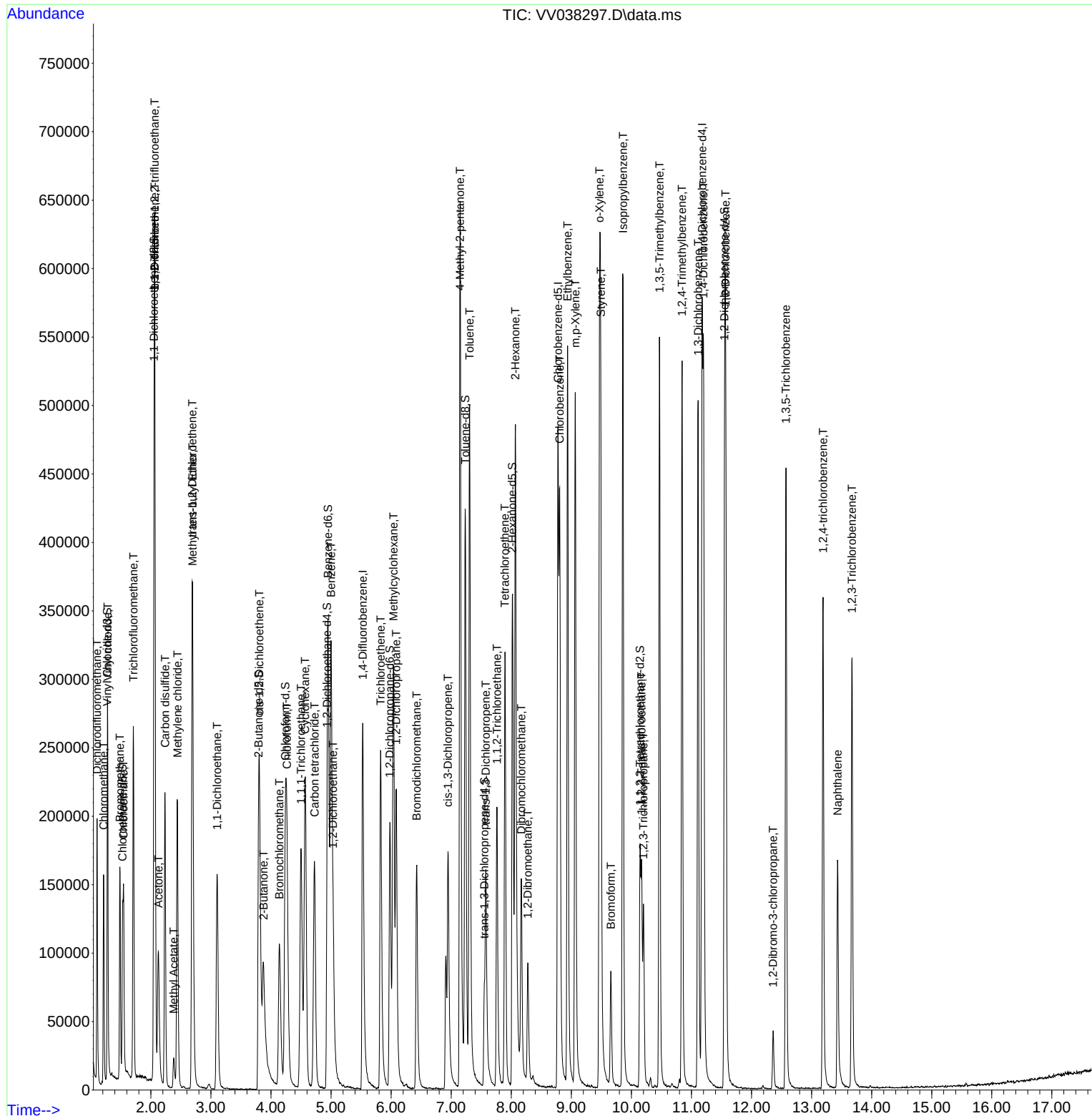
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	94388	4.633	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	153205	4.975	ug/L	99
30) Cyclohexane	4.567	56	115947	4.540	ug/L	99
31) Carbon tetrachloride	4.725	117	135213	4.977	ug/L	98
33) Benzene	5.002	78	356442	4.942	ug/L	100
34) Trichloroethene	5.825	95	95765	4.871	ug/L	97
35) Methylcyclohexane	6.040	83	127251	4.575	ug/L	100
37) 1,2-Dichloropropane	6.085	63	87601	4.849	ug/L	99
38) Bromodichloromethane	6.426	83	118658	4.887	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	122075	4.841	ug/L	97
40) 4-Methyl-2-pentanone	7.146	43	446357	47.208	ug/L	98
42) Toluene	7.307	91	384569	5.035	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	105132	4.935	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	71076	4.851	ug/L	99
47) Tetrachloroethene	7.895	164	71313	4.514	ug/L	97
48) 2-Hexanone	8.069	43	329085	47.996	ug/L	95
49) Dibromochloromethane	8.169	129	75605	4.733	ug/L	100
50) 1,2-Dibromoethane	8.275	107	62453	4.598	ug/L	99
51) Chlorobenzene	8.805	112	249000	4.732	ug/L	98
52) Ethylbenzene	8.937	91	383034	4.727	ug/L	100
53) m,p-Xylene	9.066	106	150641	4.926	ug/L	99
54) o-Xylene	9.471	106	137396	4.616	ug/L	97
55) Styrene	9.490	104	251352	4.790	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	78769	4.598	ug/L	96
59) Bromoform	9.661	173	38740	4.722	ug/L	99
60) Isopropylbenzene	9.860	105	383326	4.721	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	54417	4.509	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	288354	4.476	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	296093	4.609	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	205479	4.713	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	213654	4.848	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	196565	4.871	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	11318	4.178	ug/L	90
69) 1,3,5-Trichlorobenzene	12.574	180	146640	4.748	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	115885	4.540	ug/L	98
71) Naphthalene	13.432	128	152455	3.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	103444	4.386	ug/L	98

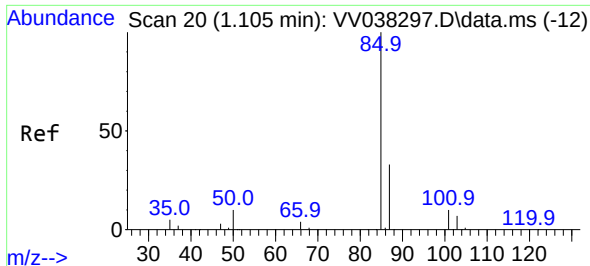
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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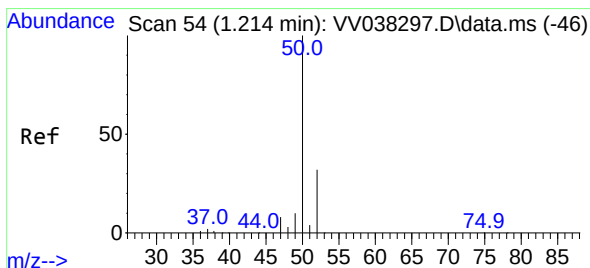
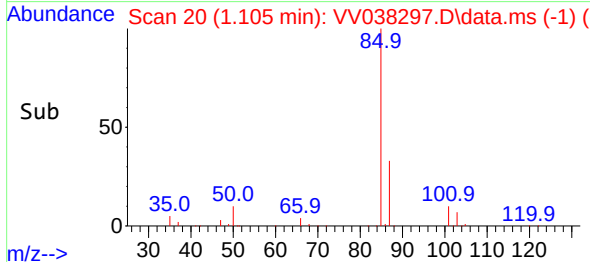
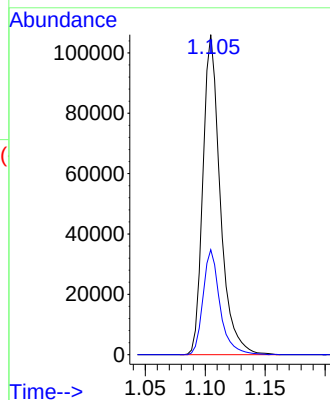
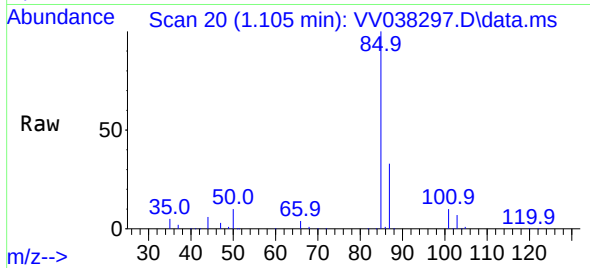




#2
Dichlorodifluoromethane
Concen: 4.409 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

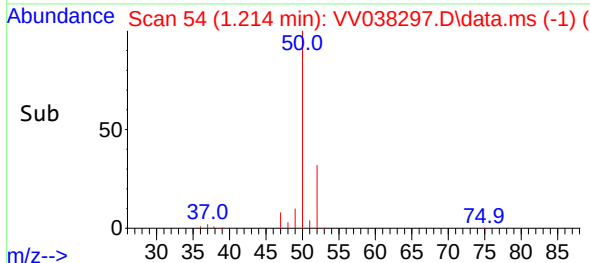
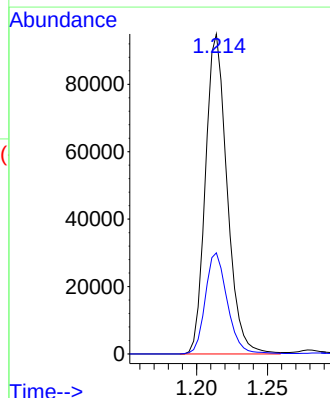
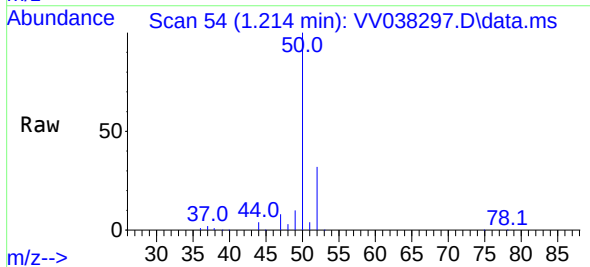
Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 106901
Ion Ratio Lower Upper
85 100
87 32.0 26.5 39.7

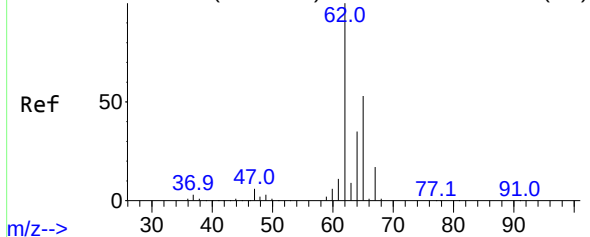


#3
Chloromethane
Concen: 4.824 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 50 Resp: 100714
Ion Ratio Lower Upper
50 100
52 31.6 23.5 43.7



Abundance Scan 75 (1.281 min): VV038297.D\data.ms (-66)



#5

Vinyl chloride

Concen: 4.519 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038297.D

Acq: 23 Nov 2024 14:14

Instrument :

MSVOA_V

ClientSampleId :

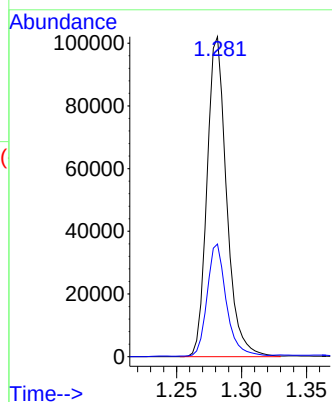
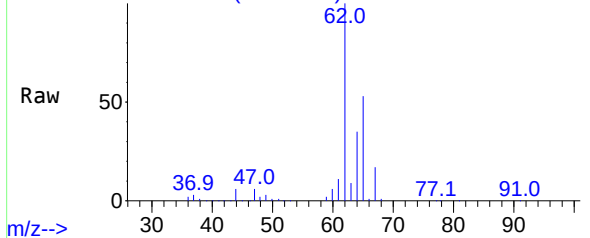
Tgt Ion: 62 Resp: 106908

Ion Ratio Lower Upper

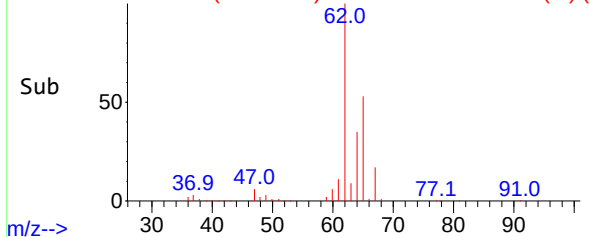
62 100

64 35.2 24.4 45.4

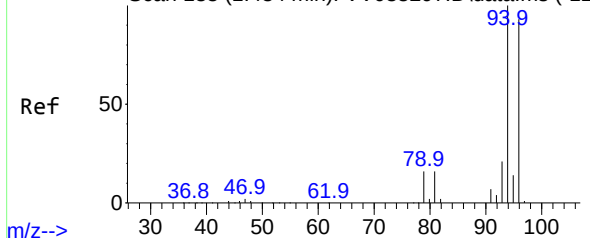
Abundance Scan 75 (1.281 min): VV038297.D\data.ms



Abundance Scan 75 (1.281 min): VV038297.D\data.ms (-1)



Abundance Scan 138 (1.484 min): VV038297.D\data.ms (-12)



#6

Bromomethane

Concen: 6.836 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038297.D

Acq: 23 Nov 2024 14:14

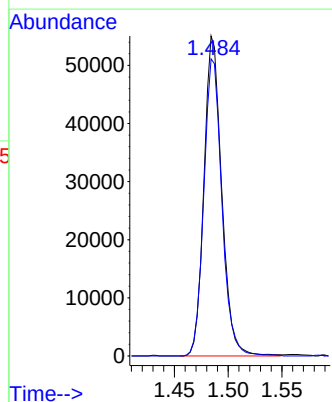
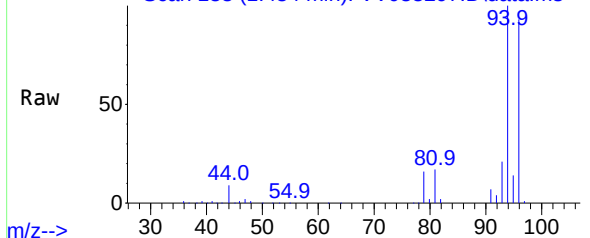
Tgt Ion: 94 Resp: 63057

Ion Ratio Lower Upper

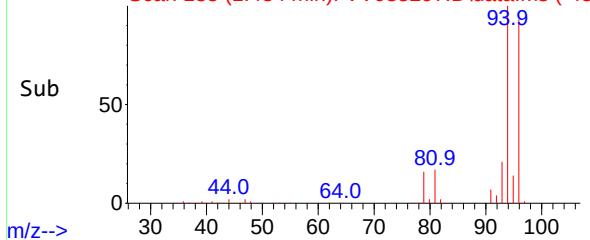
94 100

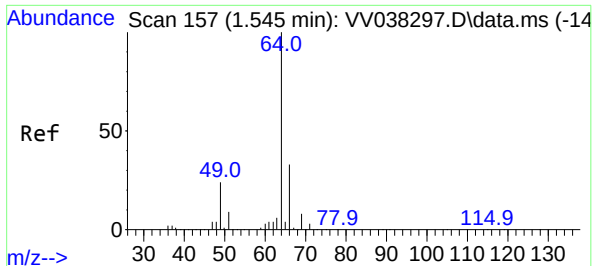
96 92.9 63.7 118.3

Abundance Scan 138 (1.484 min): VV038297.D\data.ms



Abundance Scan 138 (1.484 min): VV038297.D\data.ms (-45)

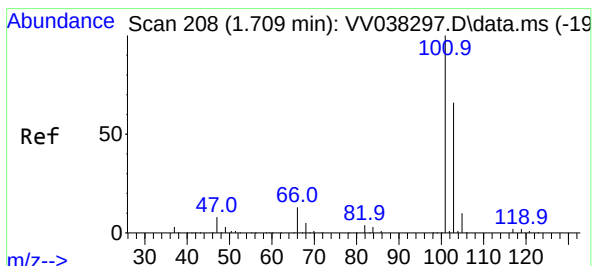
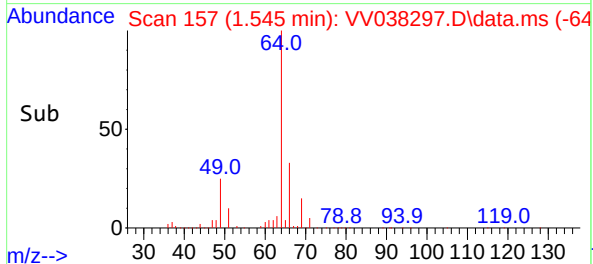
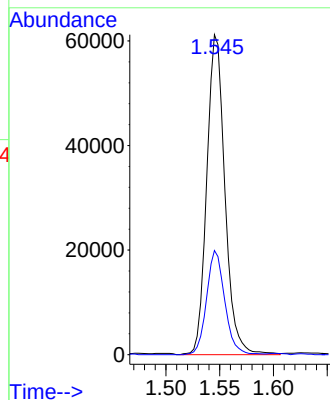
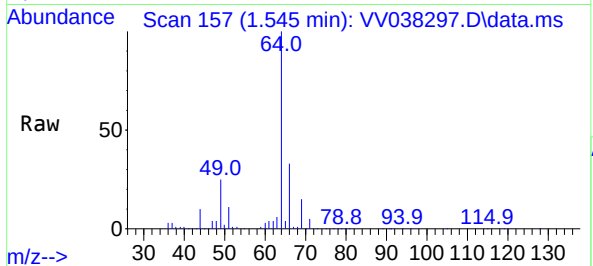




#8
Chloroethane
Concen: 4.782 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

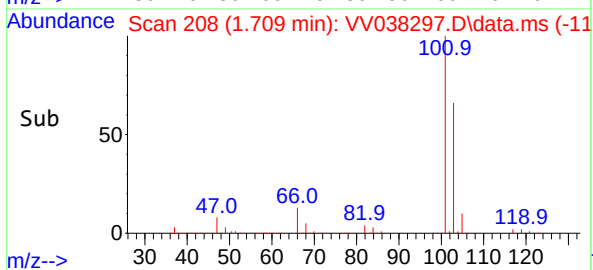
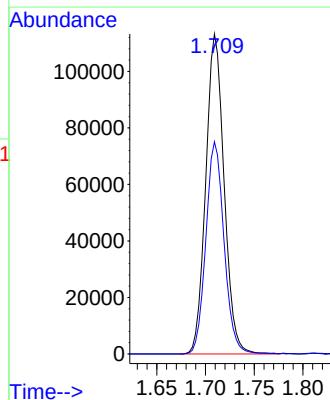
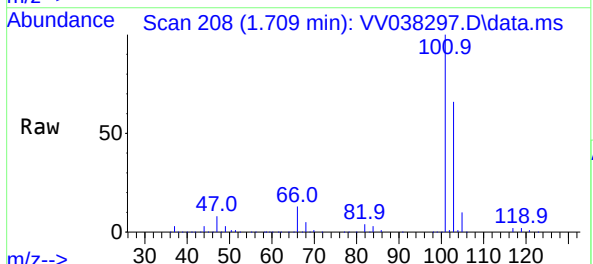
Instrument :
MSVOA_V
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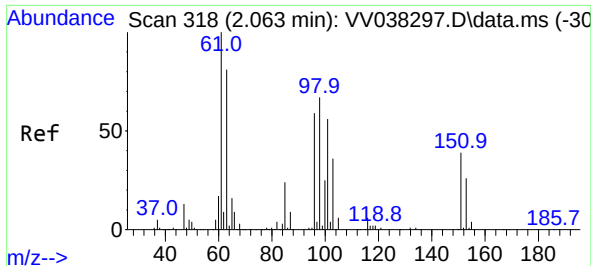
Tgt Ion: 64 Resp: 72091
Ion Ratio Lower Upper
64 100
66 32.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.414 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion:101 Resp: 148597
Ion Ratio Lower Upper
101 100
103 65.8 51.5 77.3

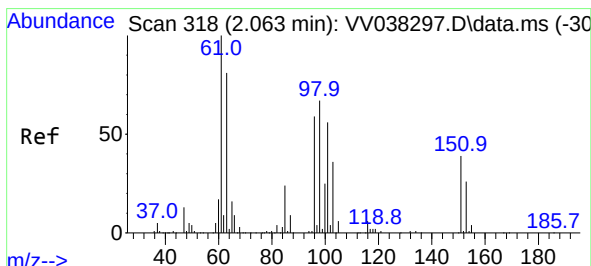
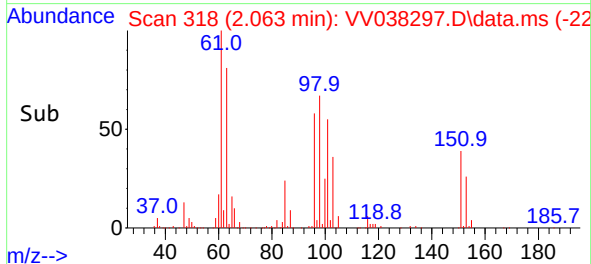
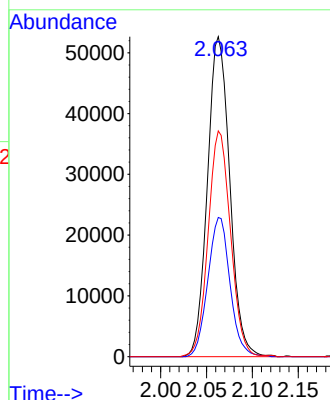
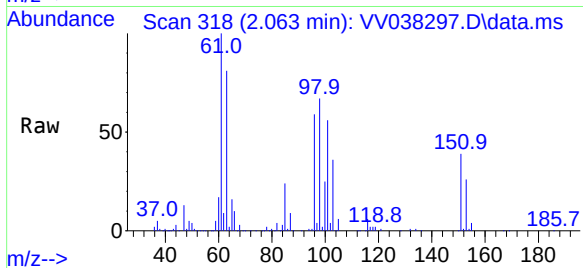




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.646 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

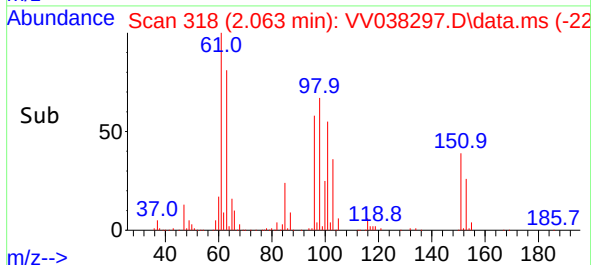
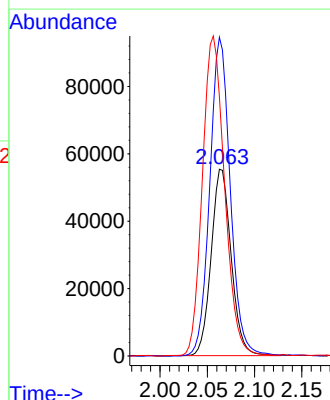
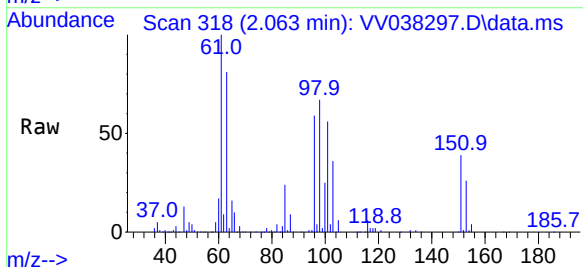
Instrument :
MSVOA_V
ClientSampleId :

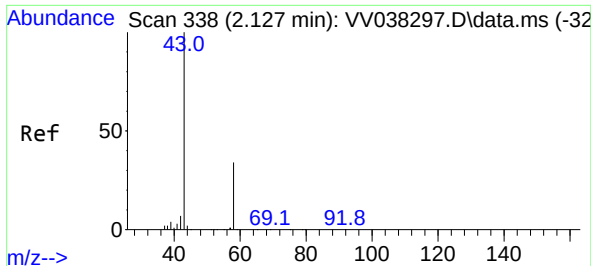
Tgt Ion:101 Resp: 89275
Ion Ratio Lower Upper
101 100
85 43.1 33.4 50.0
151 70.8 58.8 88.2



#12
1,1-Dichloroethene
Concen: 4.449 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 96 Resp: 81429
Ion Ratio Lower Upper
96 100
61 170.6 115.7 214.9
63 138.7 101.1 187.7





#13

Acetone

Concen: 44.171 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038297.D

Acq: 23 Nov 2024 14:14

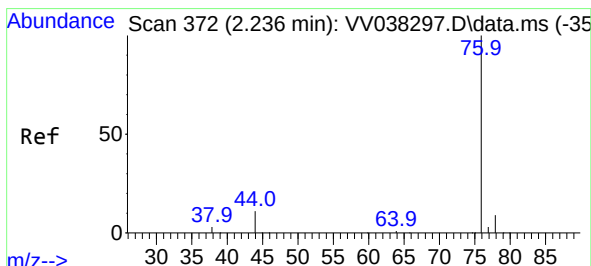
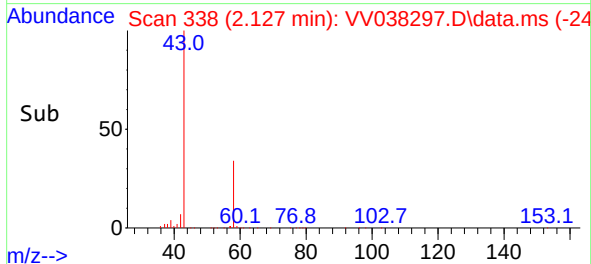
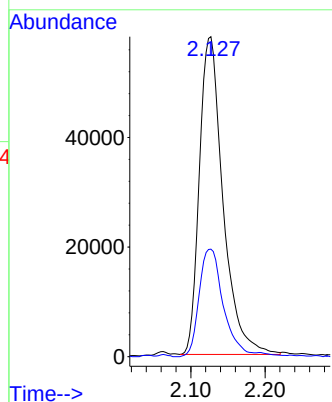
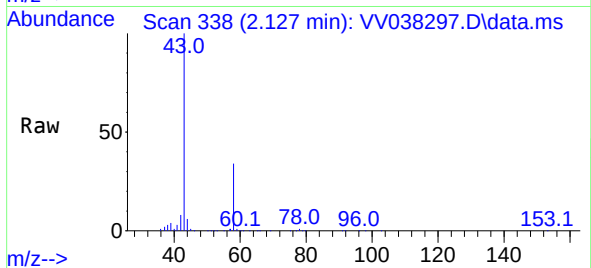
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 128369

Ion	Ratio	Lower	Upper
43	100		
58	34.6	0.0	67.2



#14

Carbon disulfide

Concen: 4.269 ug/L

RT: 2.236 min Scan# 372

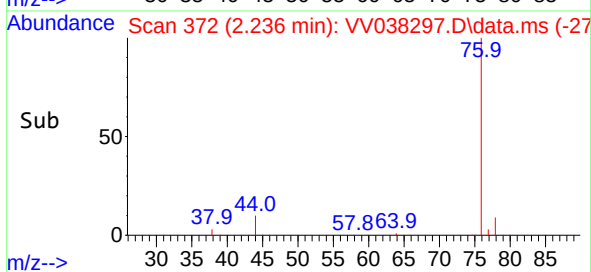
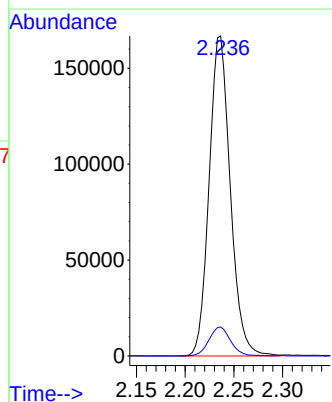
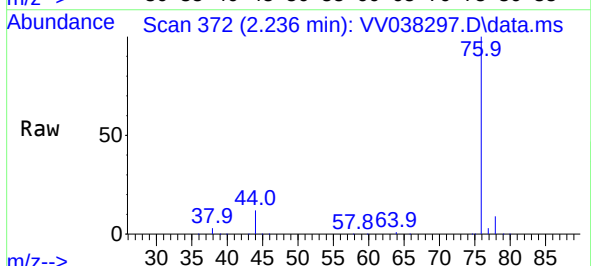
Delta R.T. 0.003 min

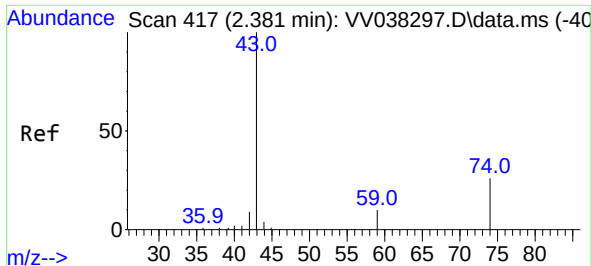
Lab File: VV038297.D

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Tgt Ion: 76 Resp: 251700

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

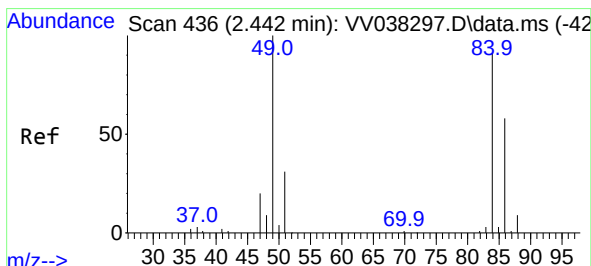
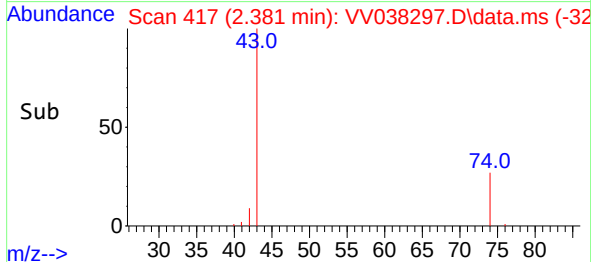
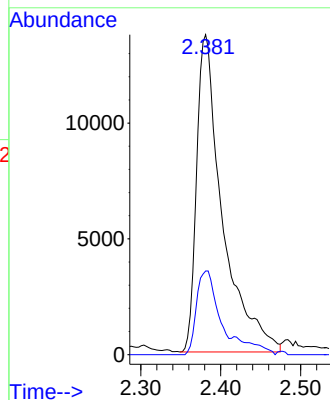
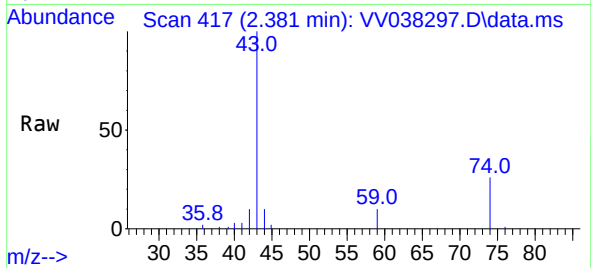




#15
Methyl Acetate
Concen: 4.373 ug/L
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

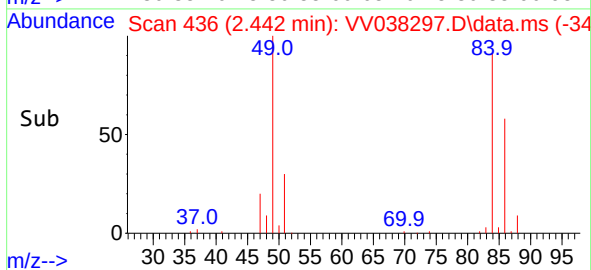
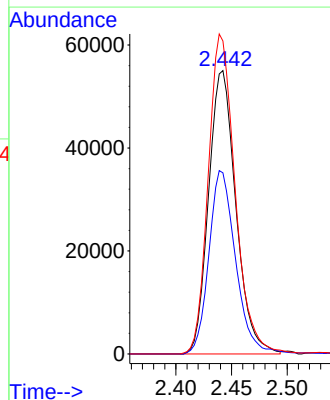
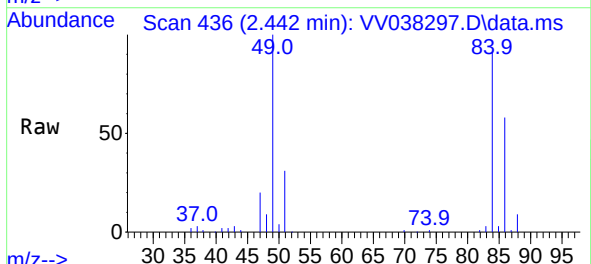
Instrument :
MSVOA_V
ClientSampleId :

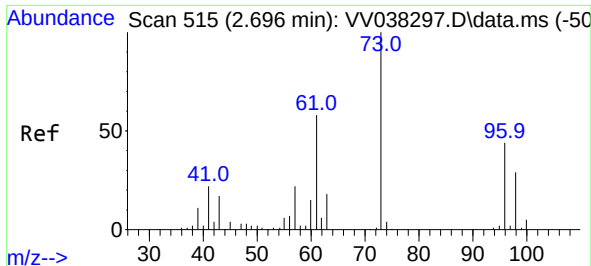
Tgt Ion: 43 Resp: 30860
Ion Ratio Lower Upper
43 100
74 21.6 22.4 33.6#



#16
Methylene chloride
Concen: 4.496 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

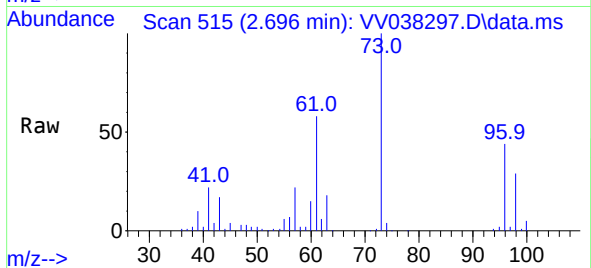
Tgt Ion: 84 Resp: 93834
Ion Ratio Lower Upper
84 100
86 63.9 44.2 82.2
49 110.5 74.9 139.1



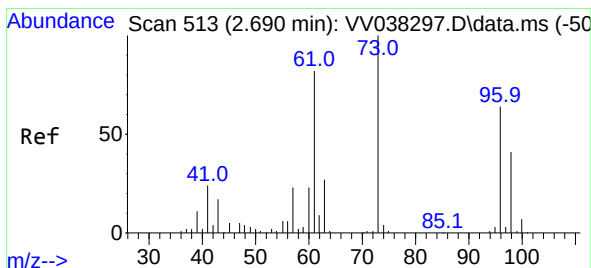
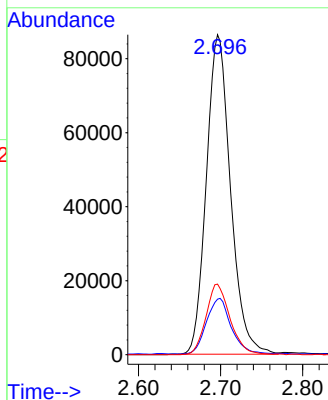
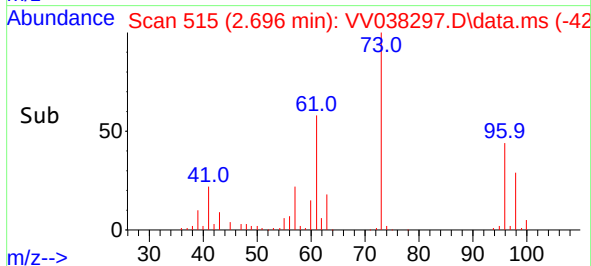


#17
Methyl tert-butyl Ether
Concen: 4.275 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Instrument :
MSVOA_V
ClientSampleId :

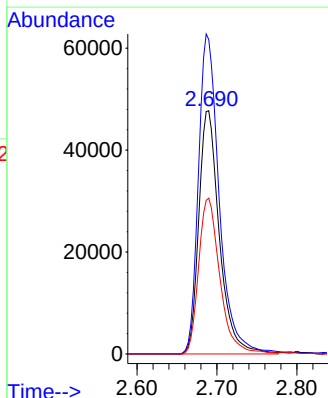
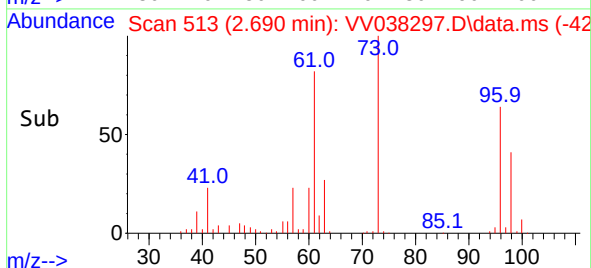
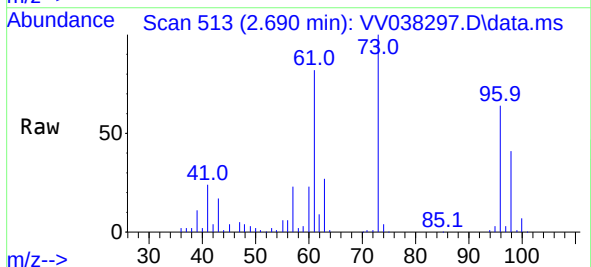


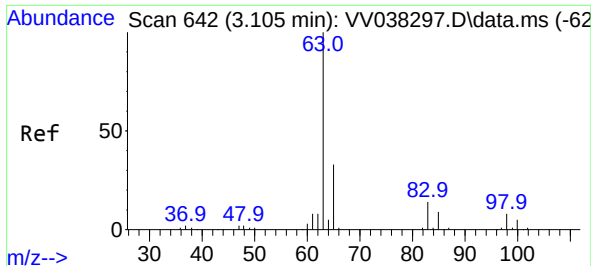
Tgt Ion: 73 Resp: 176911
Ion Ratio Lower Upper
73 100
43 17.9 14.2 21.2
57 22.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.444 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 96 Resp: 85693
Ion Ratio Lower Upper
96 100
61 129.3 88.5 164.4
98 64.1 43.9 81.5

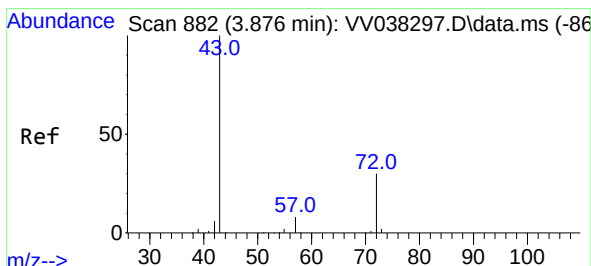
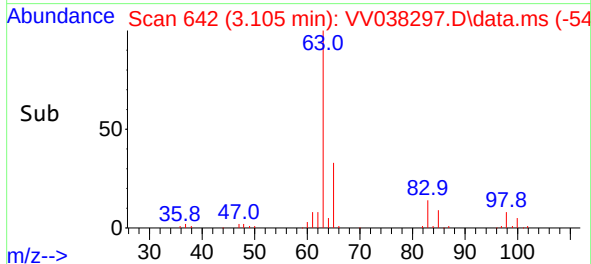
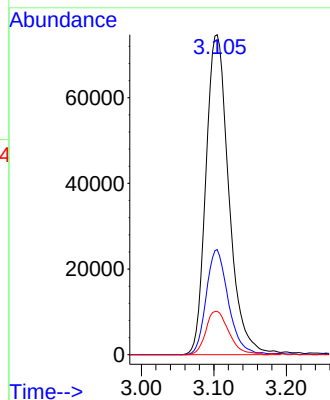
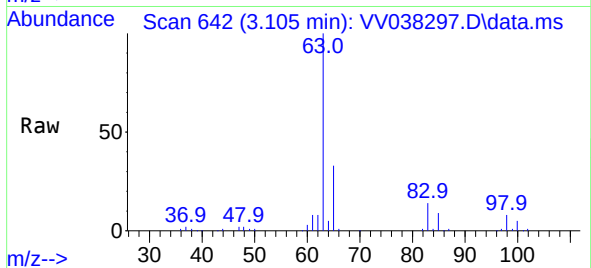




#19
1,1-Dichloroethane
Concen: 4.695 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

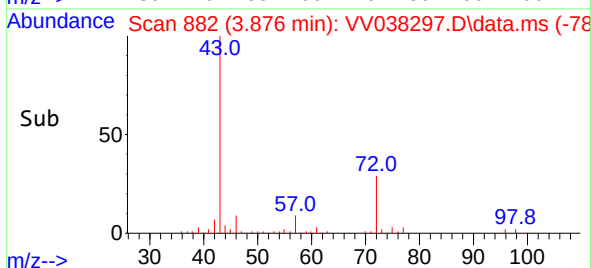
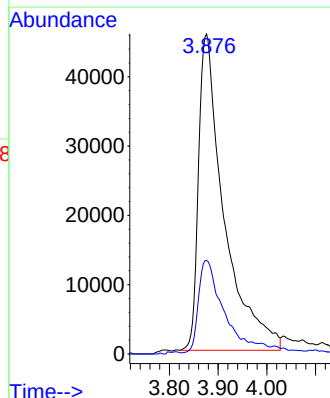
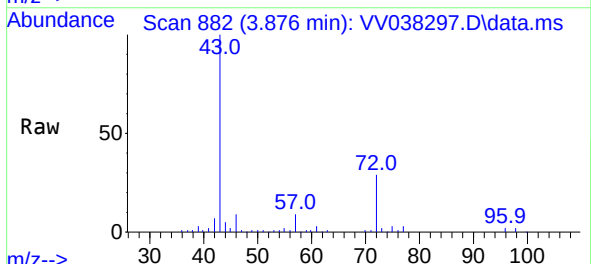
Instrument :
MSVOA_V
ClientSampleId :

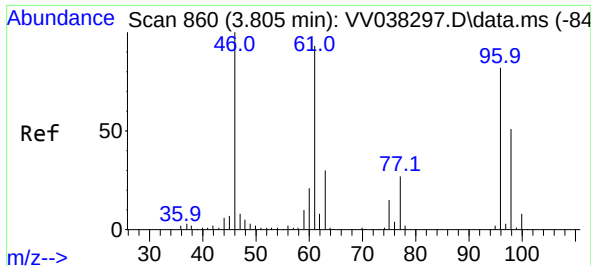
Tgt Ion: 63 Resp: 164332
Ion Ratio Lower Upper
63 100
65 32.8 22.5 41.7
83 13.5 10.1 18.9



#21
2-Butanone
Concen: 39.763 ug/L
RT: 3.876 min Scan# 882
Delta R.T. 0.006 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

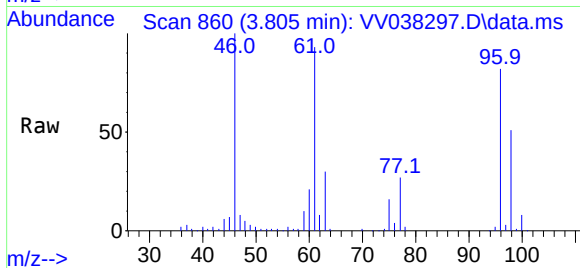
Tgt Ion: 43 Resp: 165852
Ion Ratio Lower Upper
43 100
72 27.4 13.0 39.0



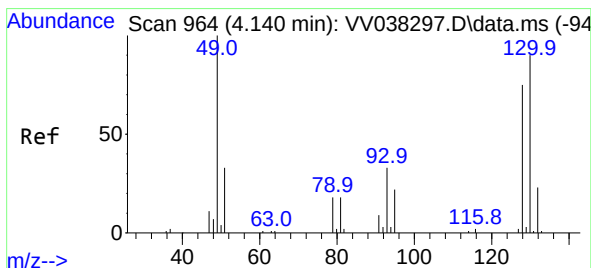
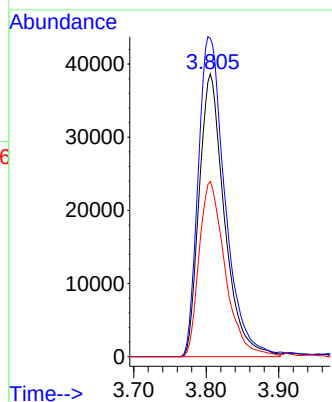
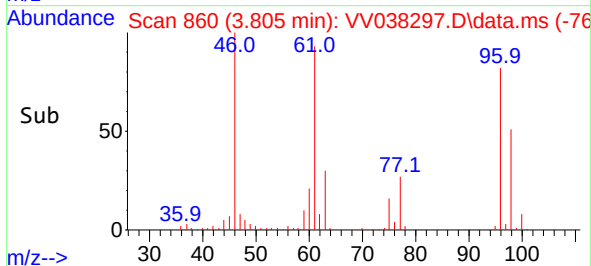


#22
cis-1,2-Dichloroethene
Concen: 4.696 ug/L
RT: 3.805 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Instrument :
MSVOA_V
ClientSampleId :

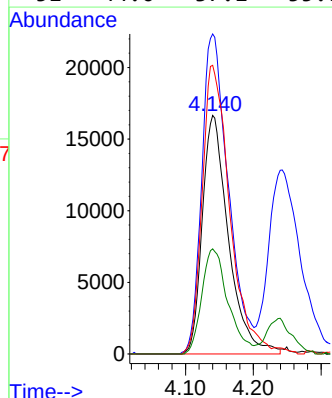
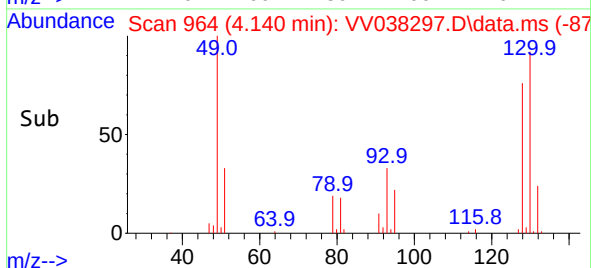
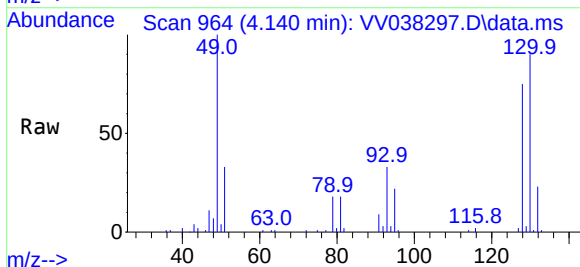


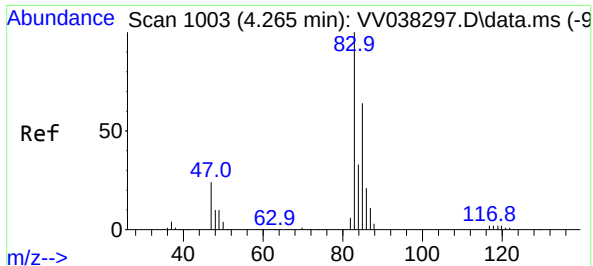
Tgt Ion: 96 Resp: 93631
Ion Ratio Lower Upper
96 100
61 112.5 82.7 153.5
98 61.9 46.3 85.9



#23
Bromochloromethane
Concen: 4.576 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion:128 Resp: 44549
Ion Ratio Lower Upper
128 100
49 134.1 102.8 190.8
130 121.0 93.6 173.8
51 44.0 37.1 55.7

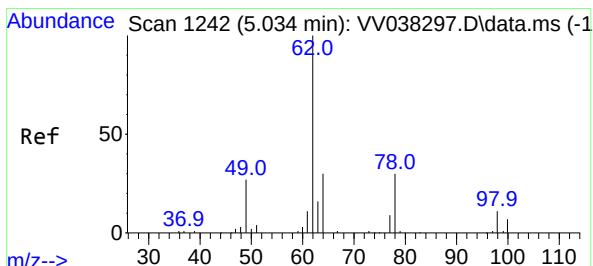
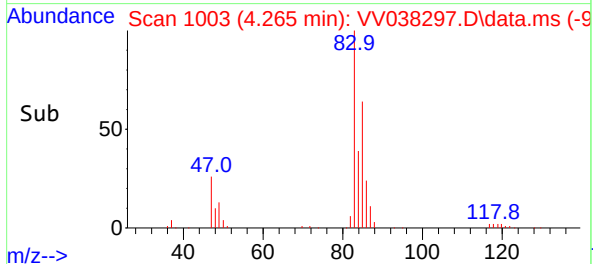
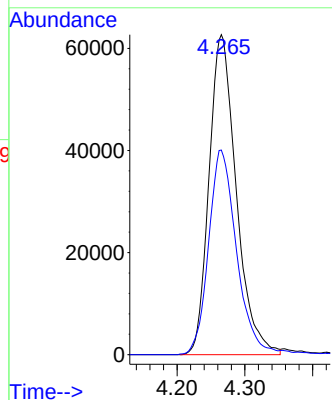
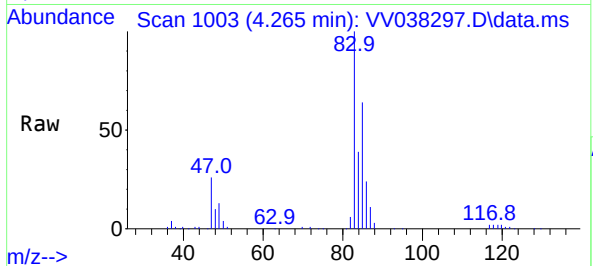




#25
Chloroform
Concen: 4.666 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

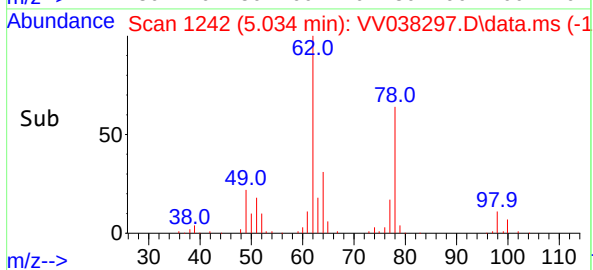
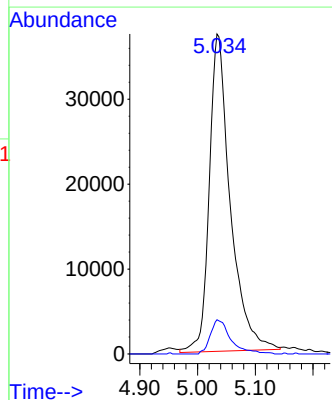
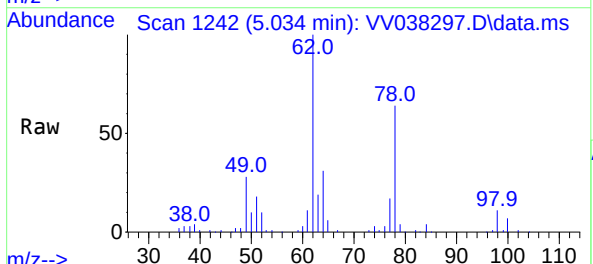
Instrument :
MSVOA_V
ClientSampleId :

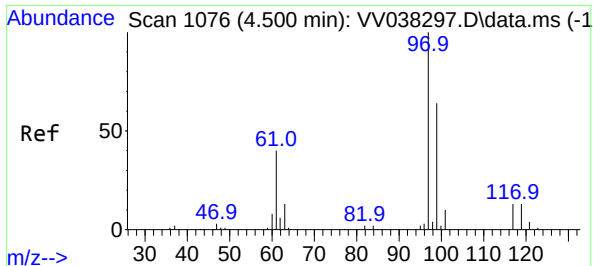
Tgt Ion: 83 Resp: 174711
Ion Ratio Lower Upper
83 100
85 63.9 46.5 86.3



#27
1,2-Dichloroethane
Concen: 4.633 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 62 Resp: 94388
Ion Ratio Lower Upper
62 100
98 10.7 8.2 12.4

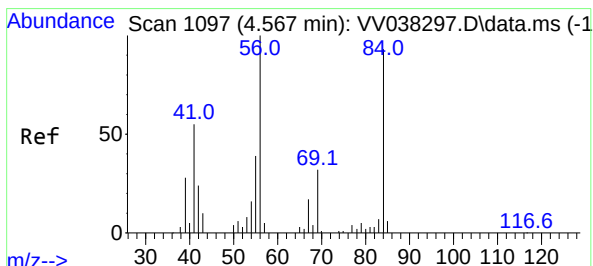
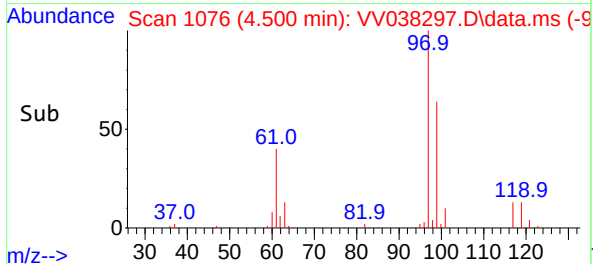
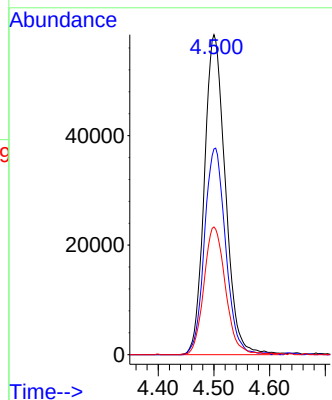
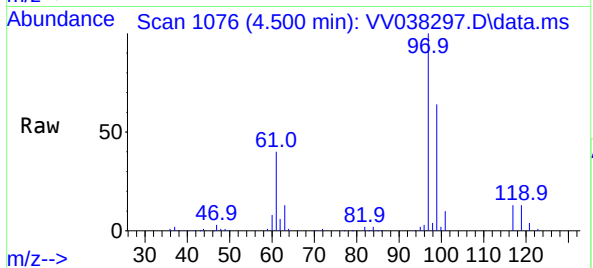




#29
1,1,1-Trichloroethane
Concen: 4.975 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. -0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

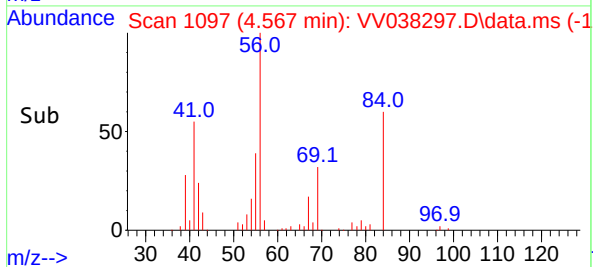
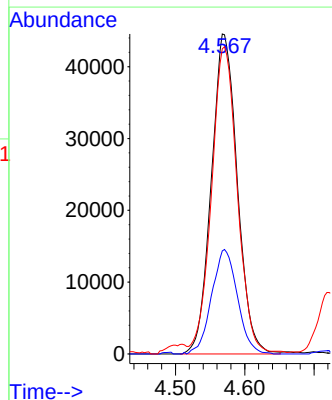
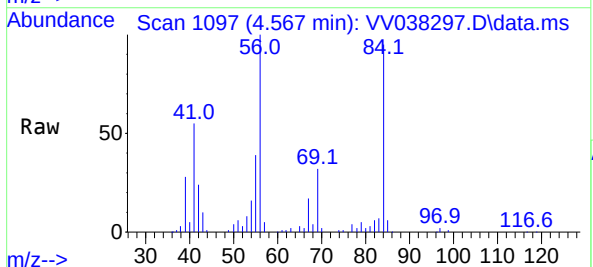
Instrument :
MSVOA_V
ClientSampleId :

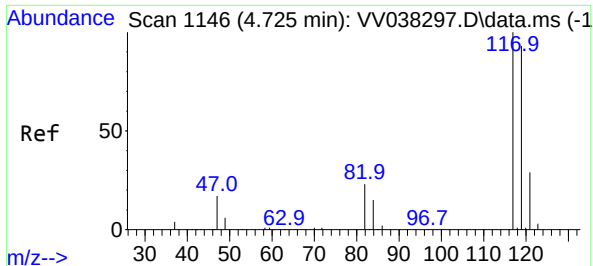
Tgt Ion: 97 Resp: 153205
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.8
61 41.0 32.2 48.2



#30
Cyclohexane
Concen: 4.540 ug/L
RT: 4.567 min Scan# 1097
Delta R.T. -0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 56 Resp: 115947
Ion Ratio Lower Upper
56 100
69 32.5 26.0 39.0
84 95.9 75.6 113.4

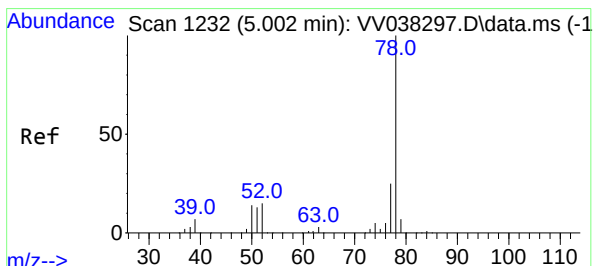
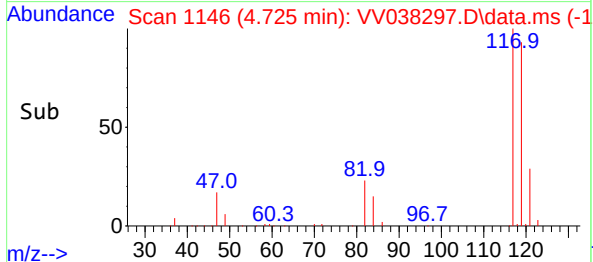
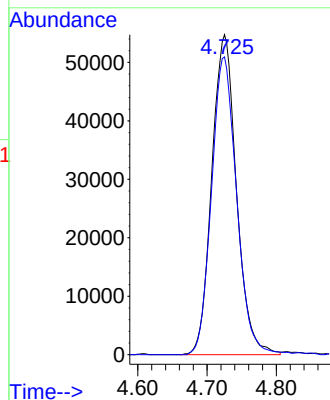
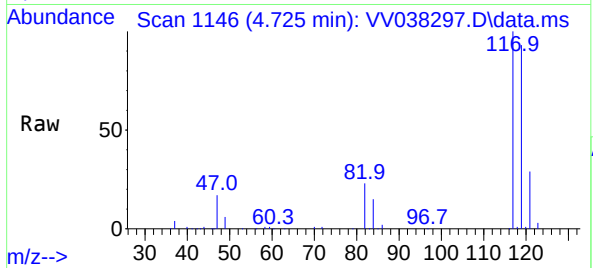




#31
Carbon tetrachloride
Concen: 4.977 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

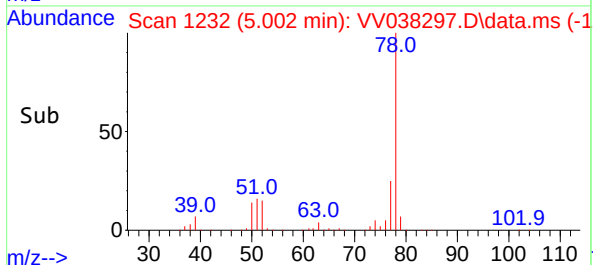
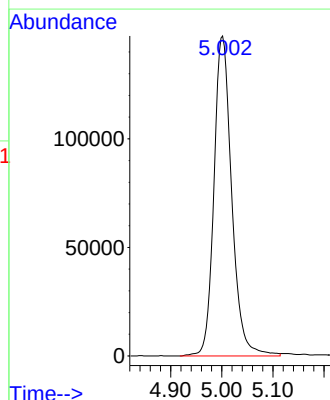
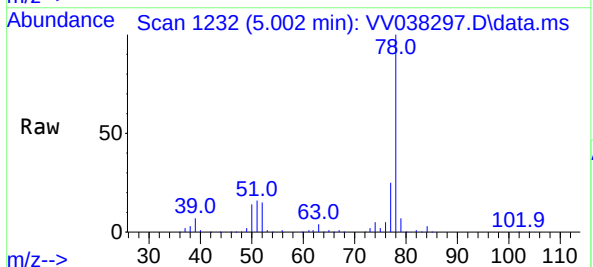
Instrument :
MSVOA_V
ClientSampleId :

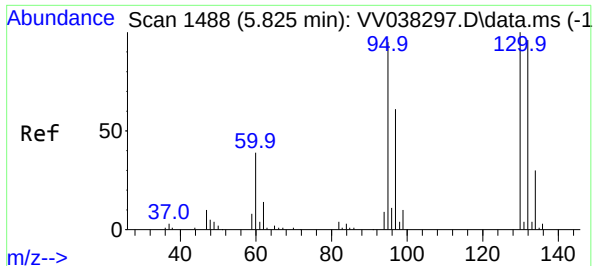
Tgt Ion:117 Resp: 135213
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.2



#33
Benzene
Concen: 4.942 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 78 Resp: 356442





#34

Trichloroethene

Concen: 4.871 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV038297.D

Acq: 23 Nov 2024 14:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 95765

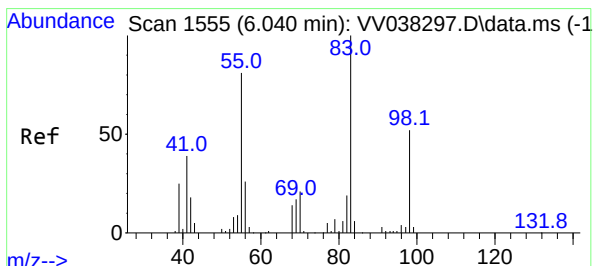
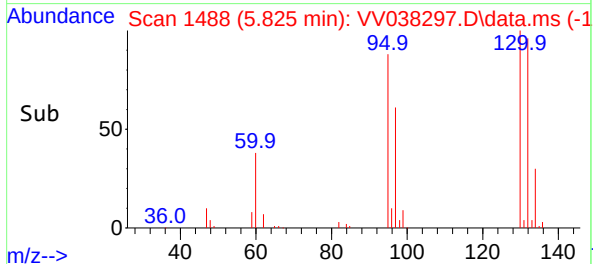
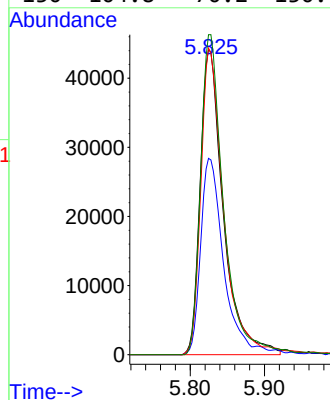
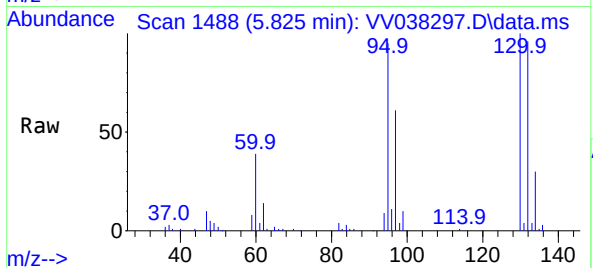
Ion Ratio Lower Upper

95 100

97 64.3 44.8 83.2

132 100.4 68.3 126.8

130 104.8 70.2 130.4



#35

Methylcyclohexane

Concen: 4.575 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038297.D

Acq: 23 Nov 2024 14:14

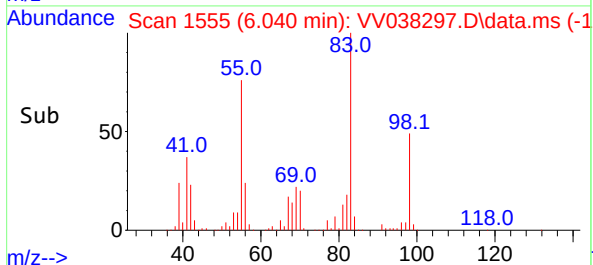
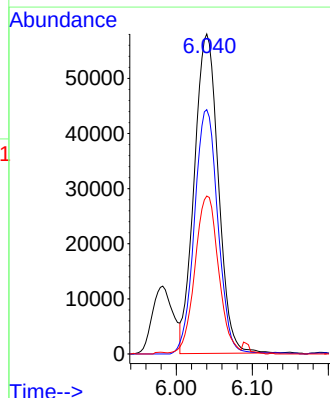
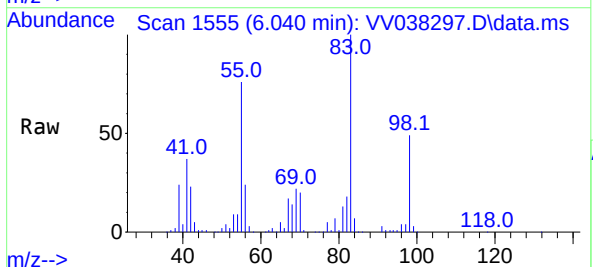
Tgt Ion: 83 Resp: 127251

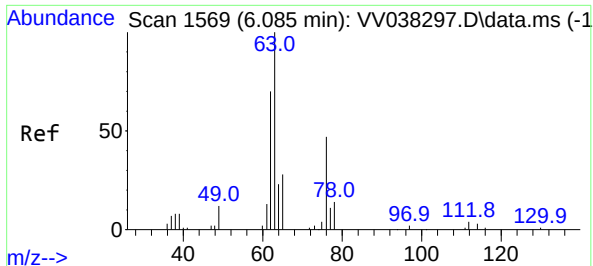
Ion Ratio Lower Upper

83 100

55 74.8 59.7 89.5

98 48.2 39.0 58.4

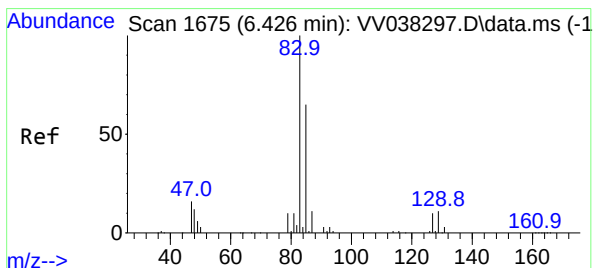
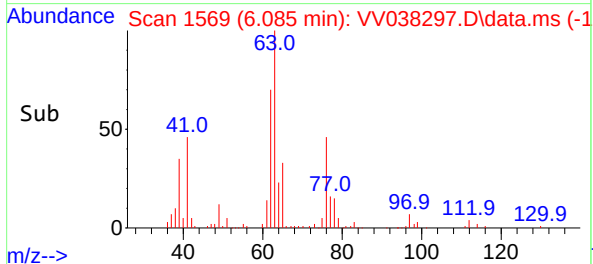
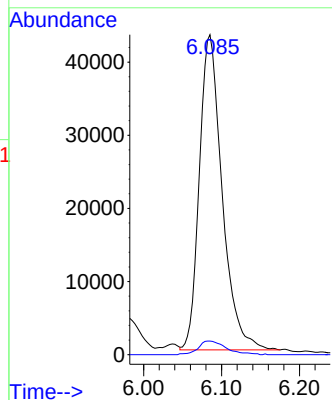
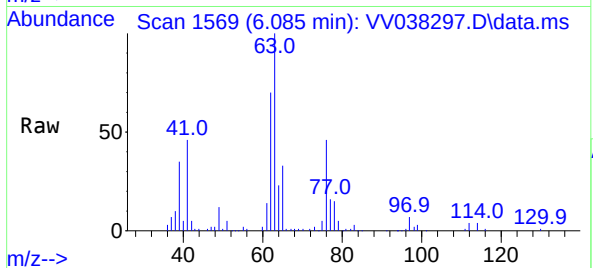




#37
1,2-Dichloropropane
Concen: 4.849 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

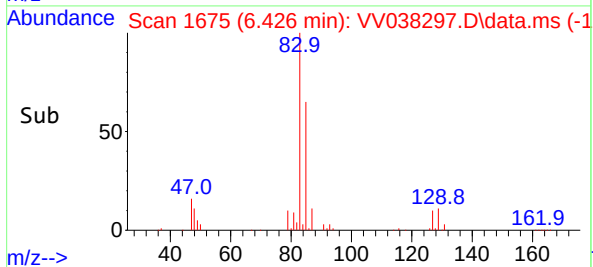
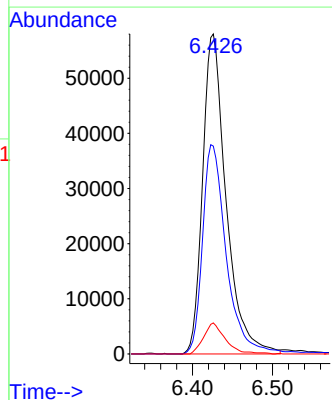
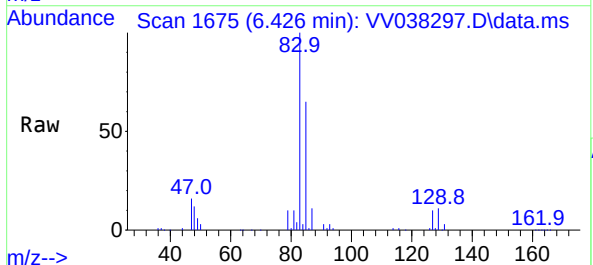
Instrument :
MSVOA_V
ClientSampleId :

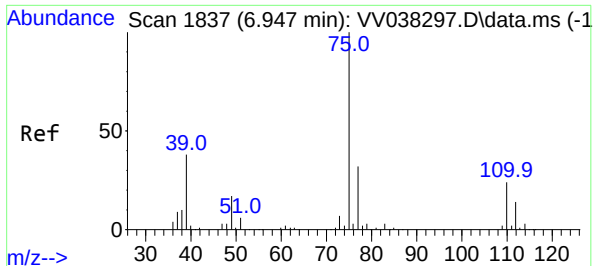
Tgt Ion: 63 Resp: 87601
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9



#38
Bromodichloromethane
Concen: 4.887 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 83 Resp: 118658
Ion Ratio Lower Upper
83 100
85 65.0 43.9 81.5
127 9.7 6.7 10.1

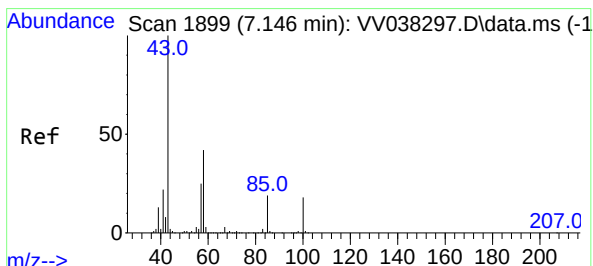
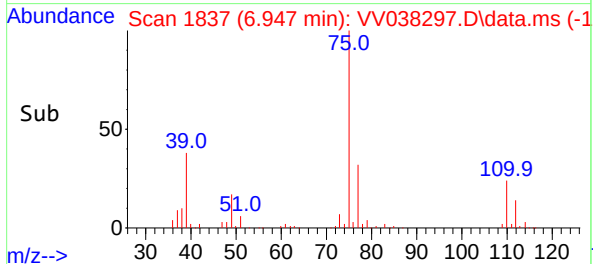
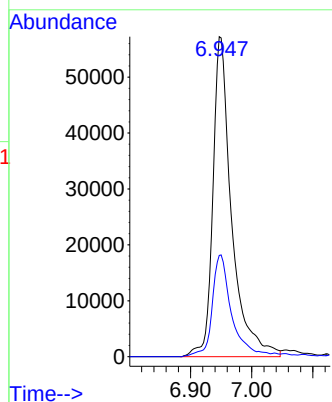
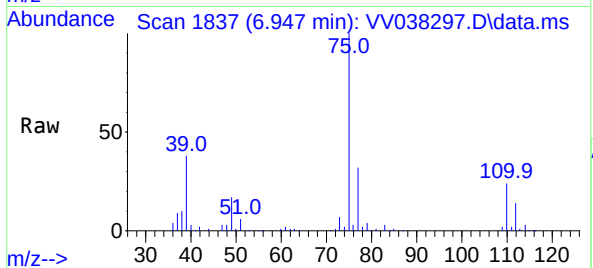




#39
cis-1,3-Dichloropropene
Concen: 4.841 ug/L
RT: 6.947 min Scan# 1837
Delta R.T. -0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

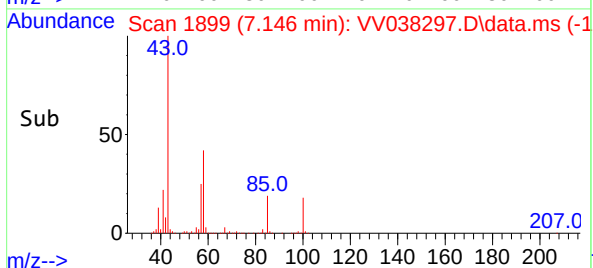
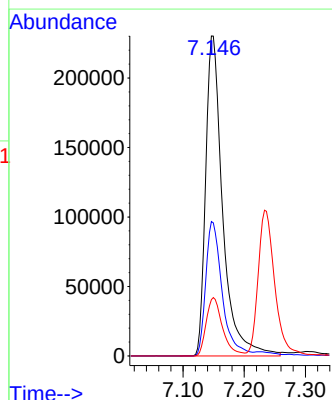
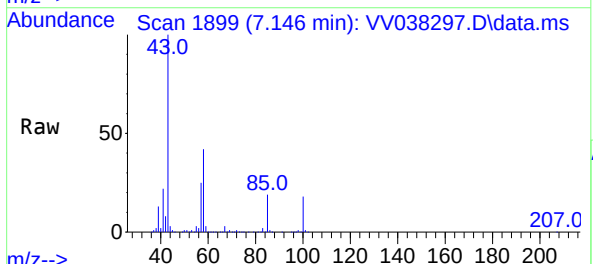
Instrument :
MSVOA_V
ClientSampleId :

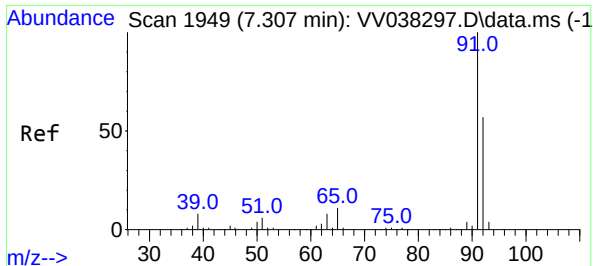
Tgt Ion: 75 Resp: 122075
Ion Ratio Lower Upper
75 100
77 31.7 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 47.208 ug/L
RT: 7.146 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 43 Resp: 446357
Ion Ratio Lower Upper
43 100
58 40.5 33.4 50.2
100 17.5 14.3 21.5





#42

Toluene

Concen: 5.035 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038297.D

Acq: 23 Nov 2024 14:14

Instrument :

MSVOA_V

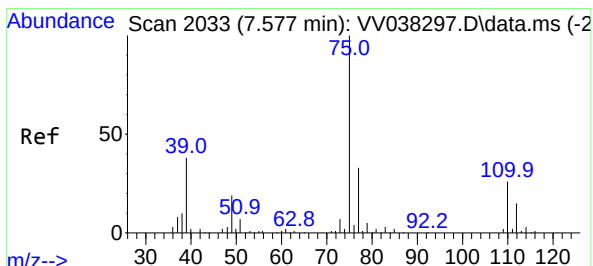
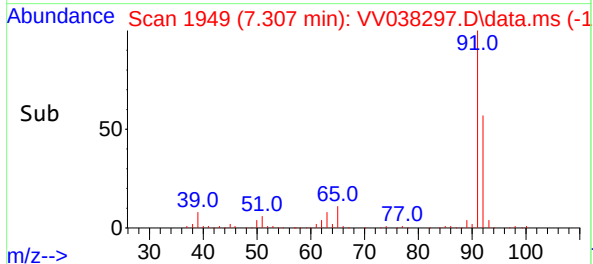
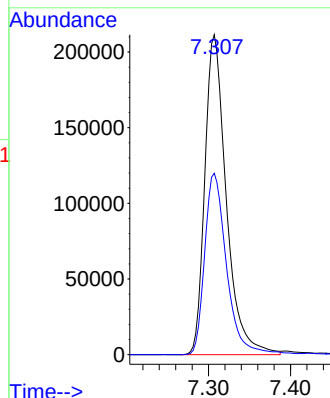
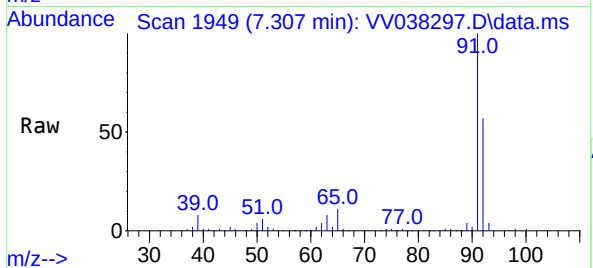
ClientSampleId :

Tgt Ion: 91 Resp: 384569

Ion Ratio Lower Upper

91 100

92 56.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.935 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038297.D

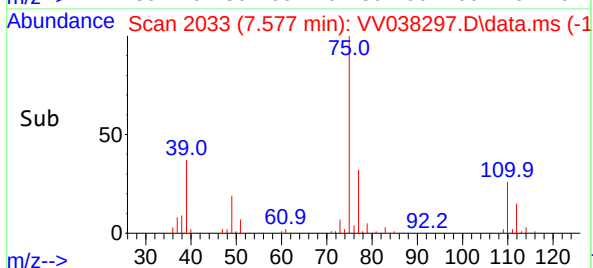
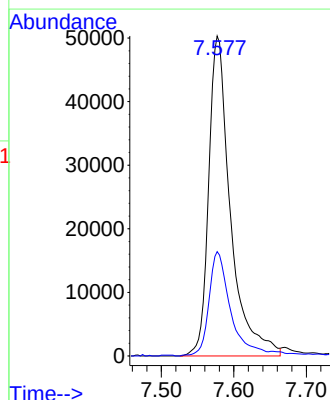
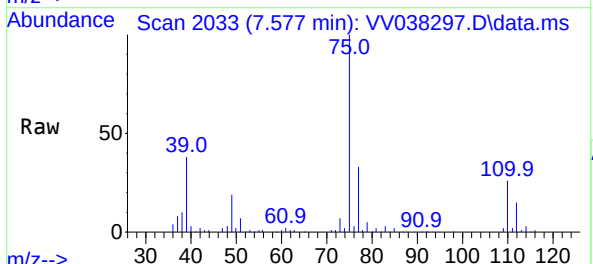
Acq: 23 Nov 2024 14:14

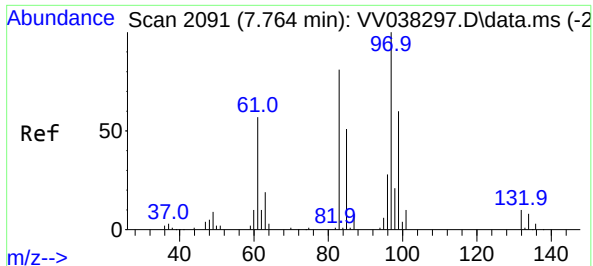
Tgt Ion: 75 Resp: 105132

Ion Ratio Lower Upper

75 100

77 32.6 23.4 43.4



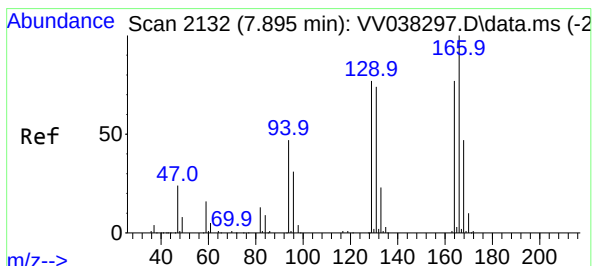
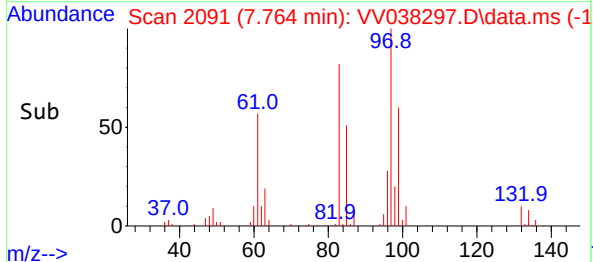
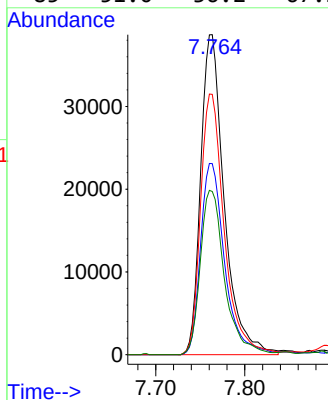
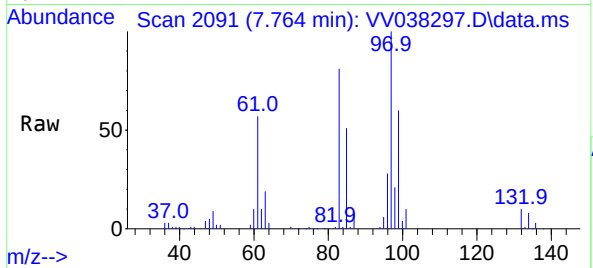


#45
1,1,2-Trichloroethane
Concen: 4.851 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 71076

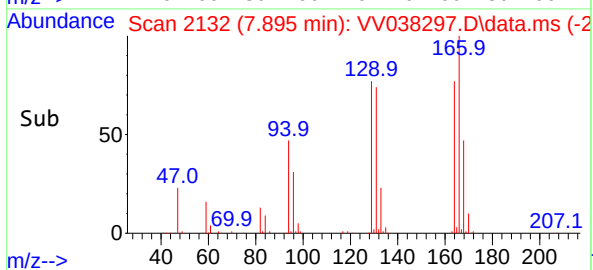
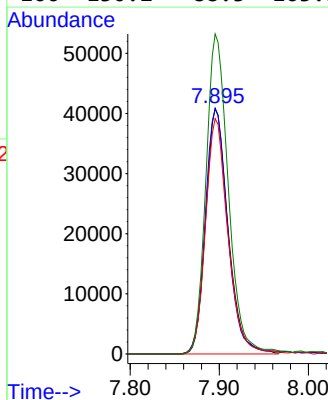
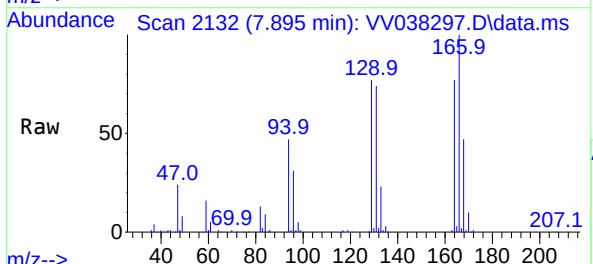
Ion	Ratio	Lower	Upper
97	100		
99	59.7	41.9	77.7
83	81.4	57.7	107.1
85	51.0	36.2	67.2

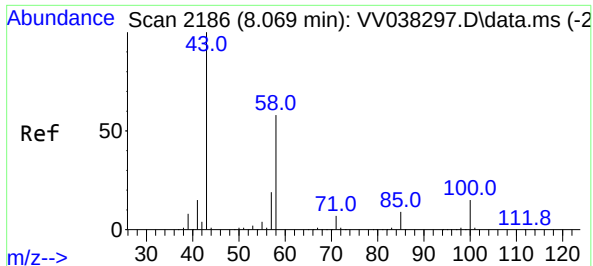


#47
Tetrachloroethene
Concen: 4.514 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion:164 Resp: 71313

Ion	Ratio	Lower	Upper
164	100		
129	99.7	68.5	127.1
131	95.8	64.8	120.4
166	130.2	88.3	163.9

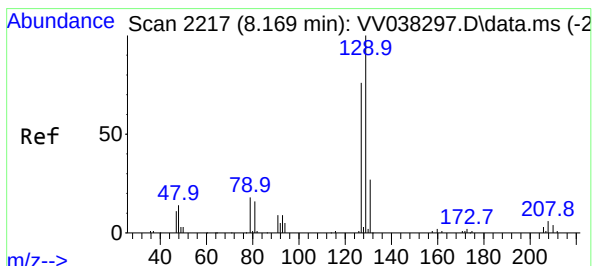
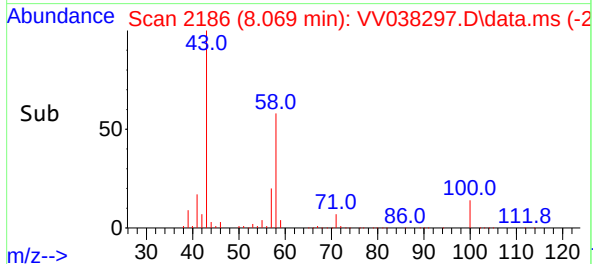
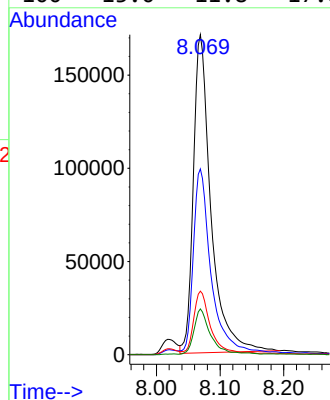
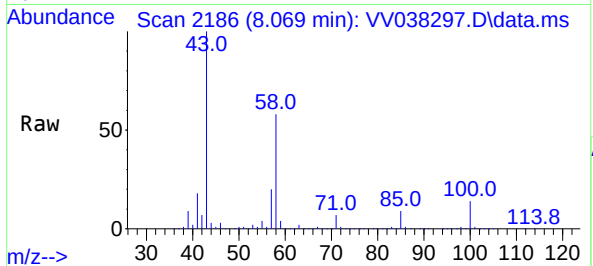




#48
2-Hexanone
Concen: 47.996 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

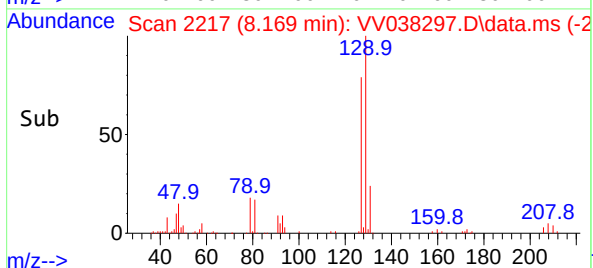
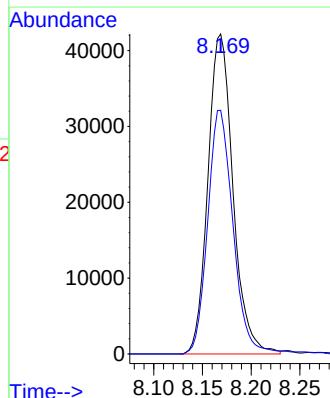
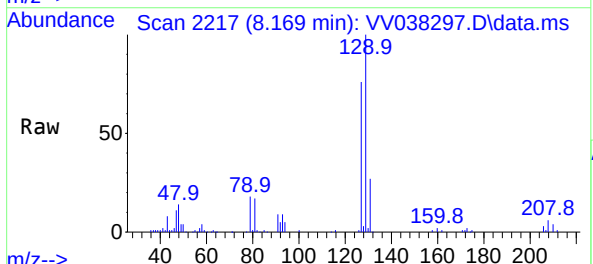
Instrument :
MSVOA_V
ClientSampleId :

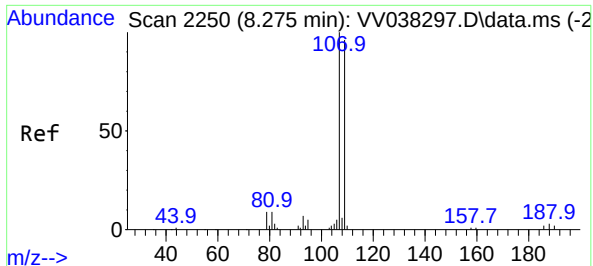
Tgt Ion: 43 Resp: 329085
Ion Ratio Lower Upper
43 100
58 57.6 49.2 73.8
57 17.9 16.9 25.3
100 13.0 11.8 17.8



#49
Dibromochloromethane
Concen: 4.733 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

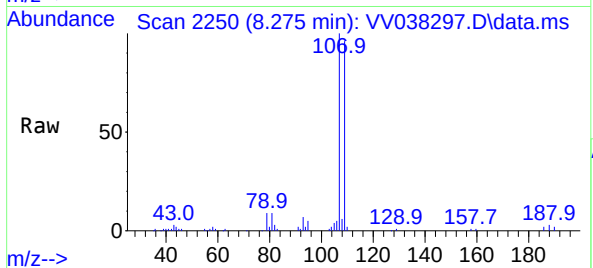
Tgt Ion: 129 Resp: 75605
Ion Ratio Lower Upper
129 100
127 76.2 53.5 99.3



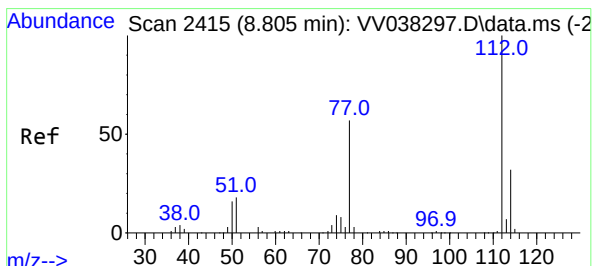
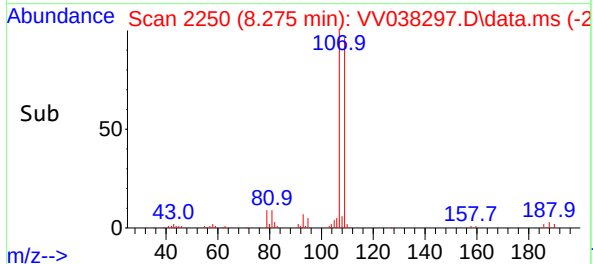
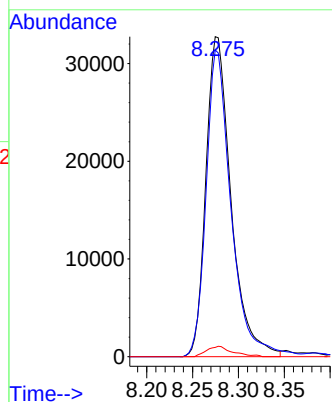


#50
1,2-Dibromoethane
Concen: 4.598 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Instrument :
MSVOA_V
ClientSampleId :

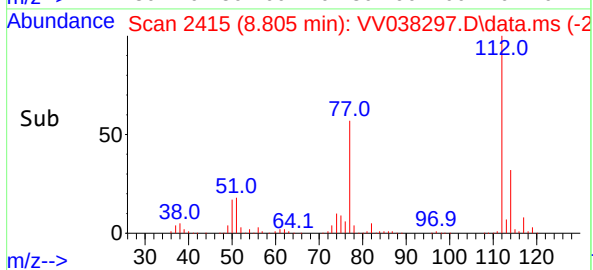
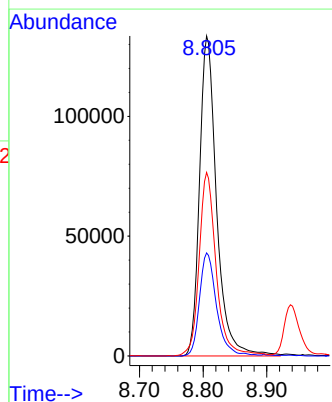
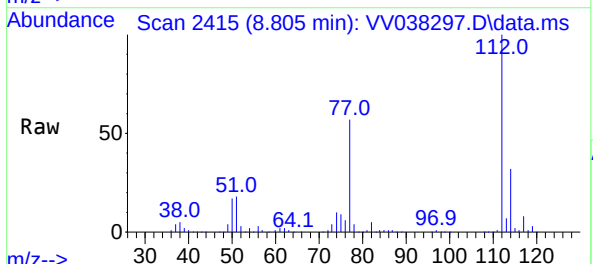


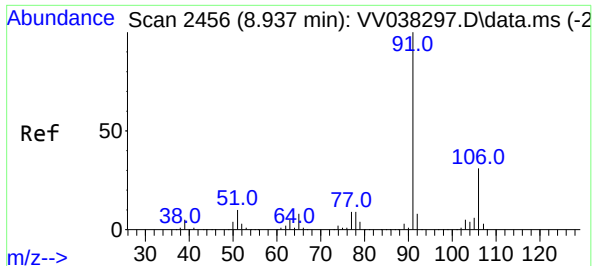
Tgt Ion:107 Resp: 62453
Ion Ratio Lower Upper
107 100
109 95.9 66.1 122.7
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 4.732 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion:112 Resp: 249000
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 57.3 45.0 67.4

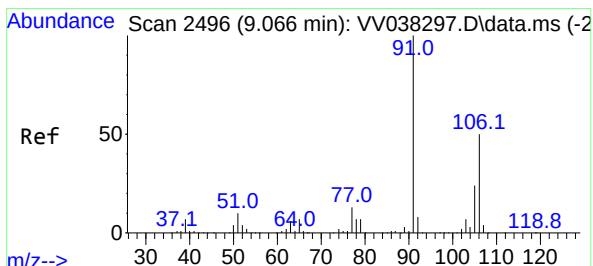
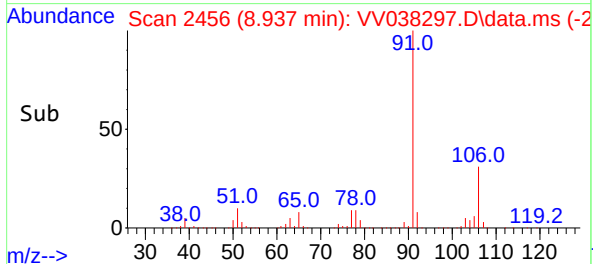
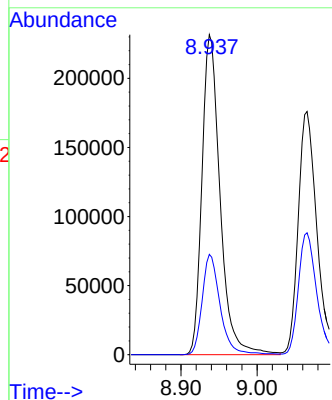
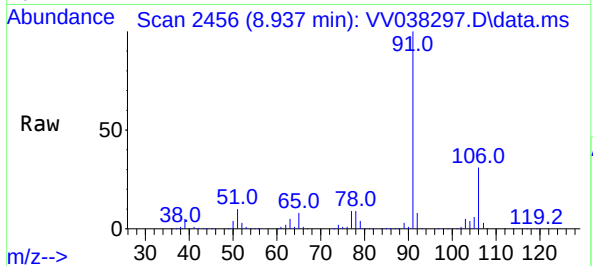




#52
Ethylbenzene
Concen: 4.727 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

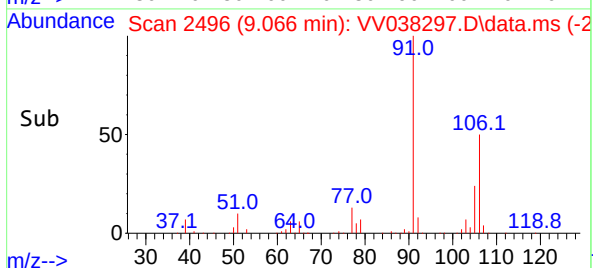
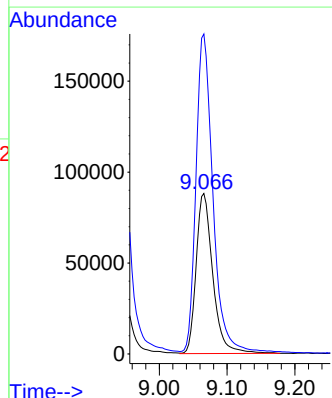
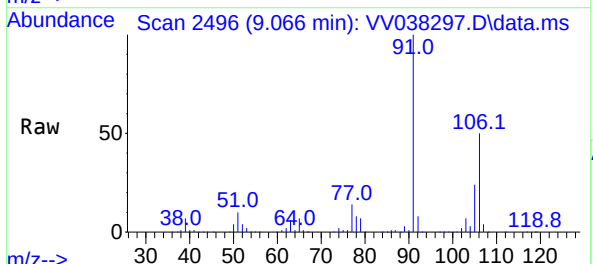
Instrument :
MSVOA_V
ClientSampleId :

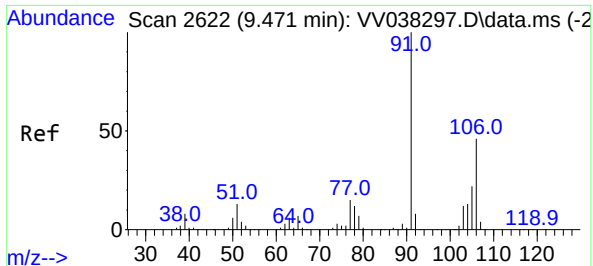
Tgt Ion: 91 Resp: 383034
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.4



#53
m,p-Xylene
Concen: 4.926 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 106 Resp: 150641
Ion Ratio Lower Upper
106 100
91 199.4 138.7 257.5

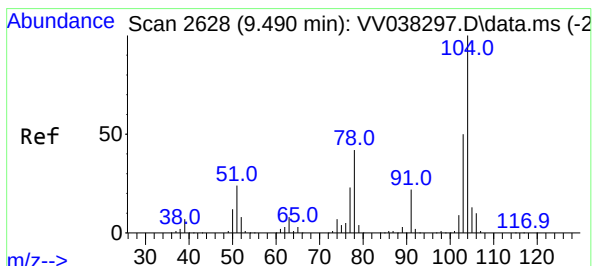
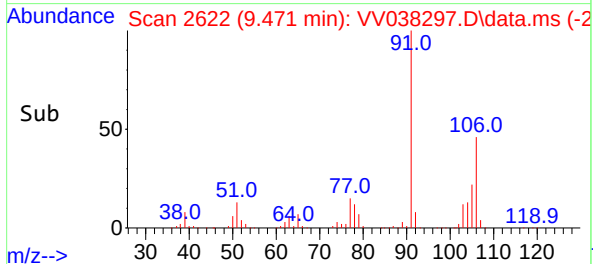
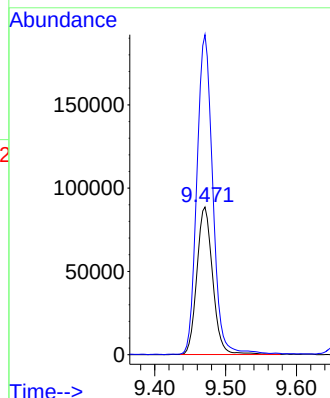
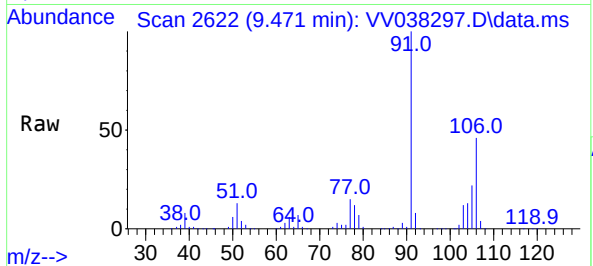




#54
o-Xylene
Concen: 4.616 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

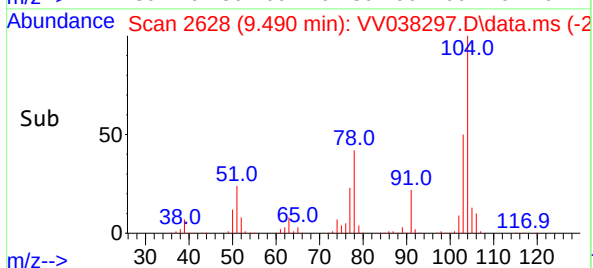
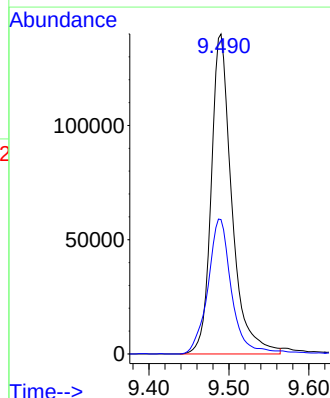
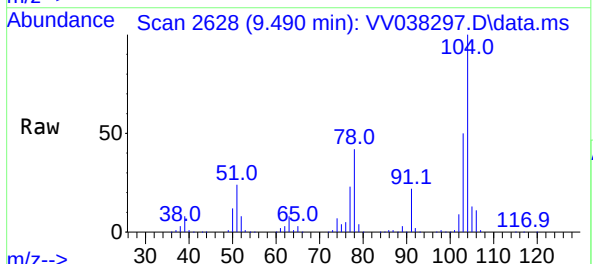
Instrument :
MSVOA_V
ClientSampleId :

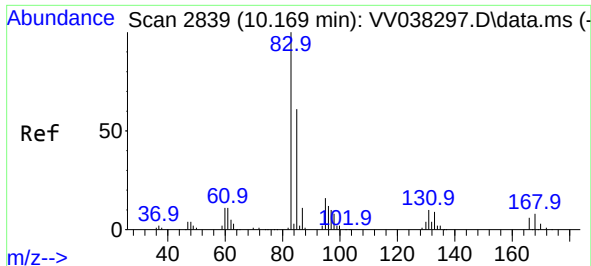
Tgt Ion:106 Resp: 137396
Ion Ratio Lower Upper
106 100
91 216.8 155.5 288.7



#55
Styrene
Concen: 4.790 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion:104 Resp: 251352
Ion Ratio Lower Upper
104 100
78 42.0 29.7 55.1

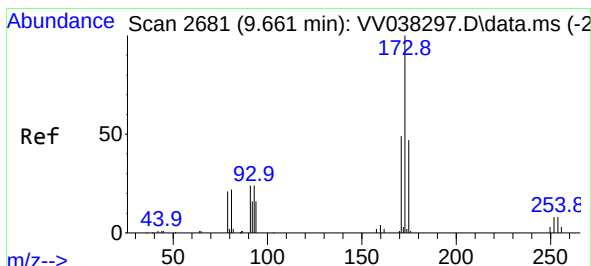
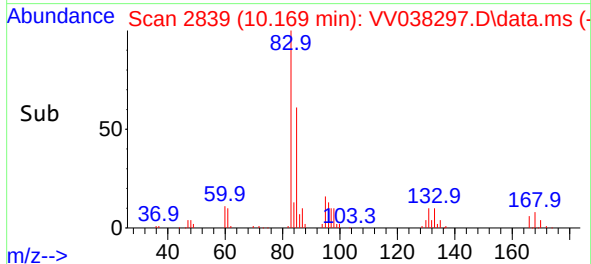
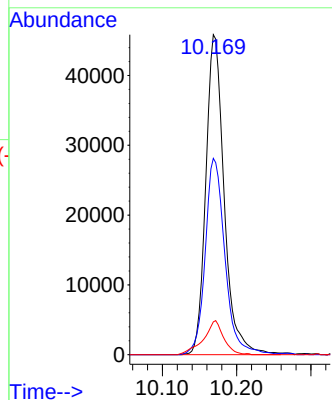
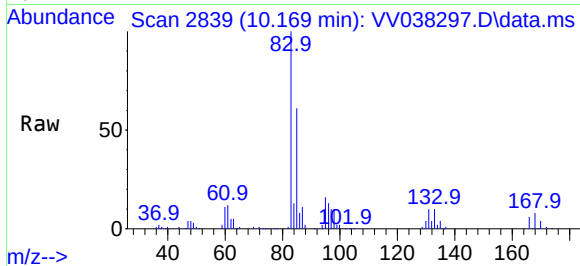




#57
1,1,2,2-Tetrachloroethane
Concen: 4.598 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

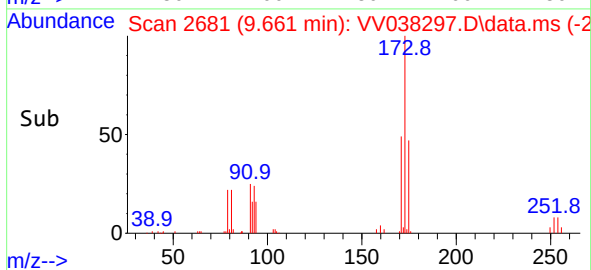
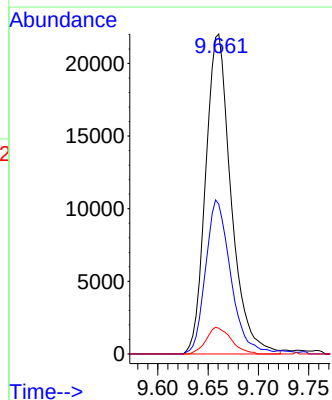
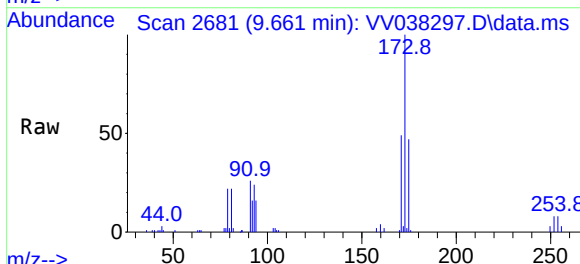
Instrument :
MSVOA_V
ClientSampleId :

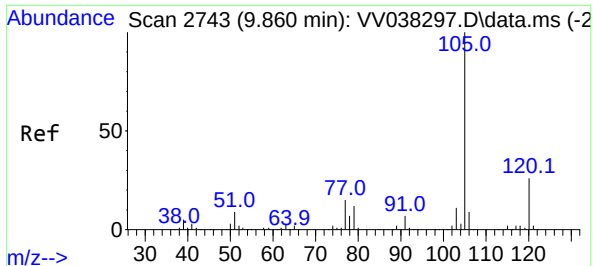
Tgt Ion: 83 Resp: 78769
Ion Ratio Lower Upper
83 100
85 61.4 45.7 84.9
131 10.3 8.2 12.4



#59
Bromoform
Concen: 4.722 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 173 Resp: 38740
Ion Ratio Lower Upper
173 100
175 47.5 38.5 57.7
254 8.1 6.9 10.3

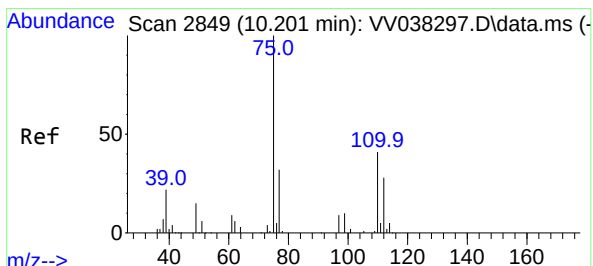
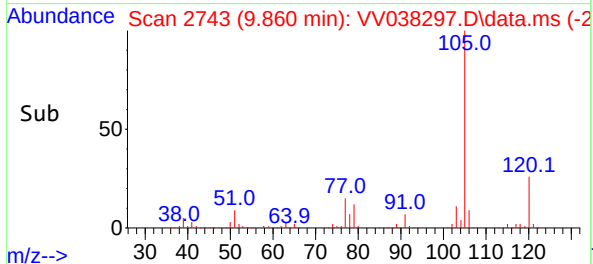
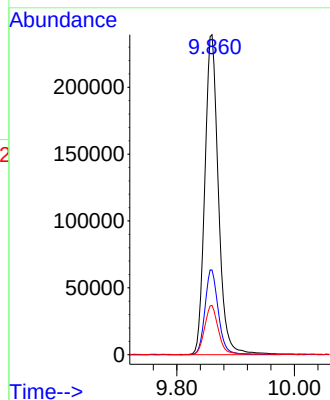
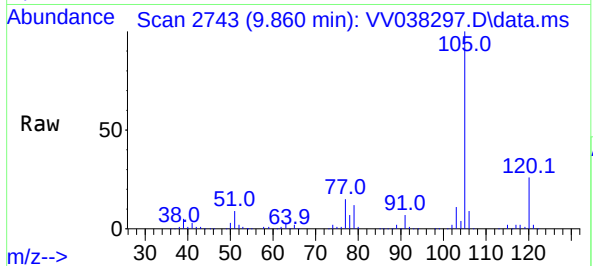




#60
Isopropylbenzene
Concen: 4.721 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

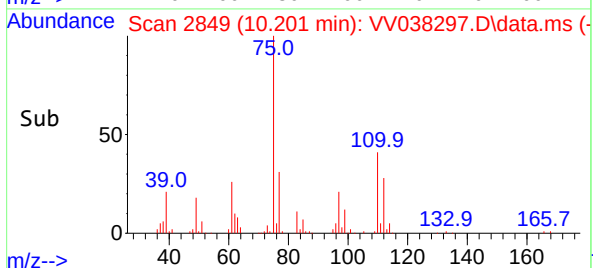
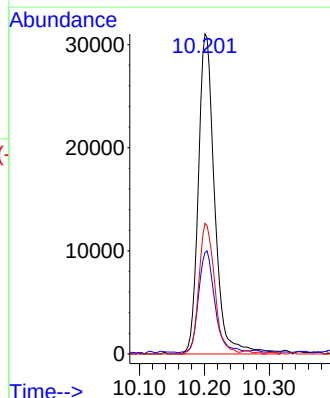
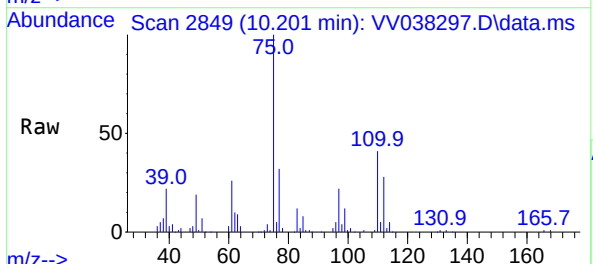
Instrument :
MSVOA_V
ClientSampleId :

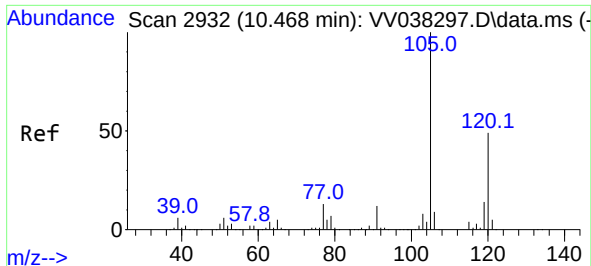
Tgt Ion:105 Resp: 383326
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.509 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion: 75 Resp: 54417
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 39.3 32.3 48.5

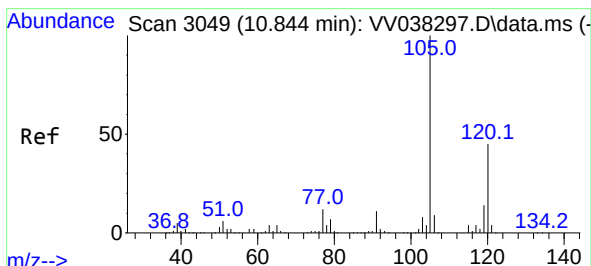
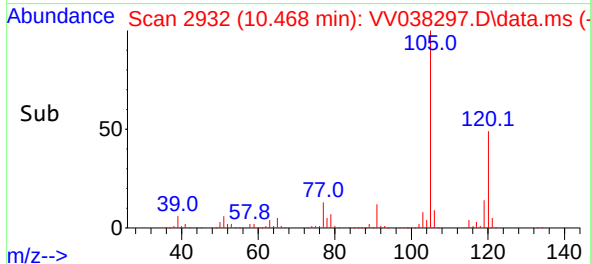
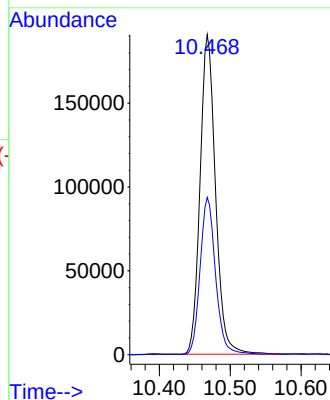
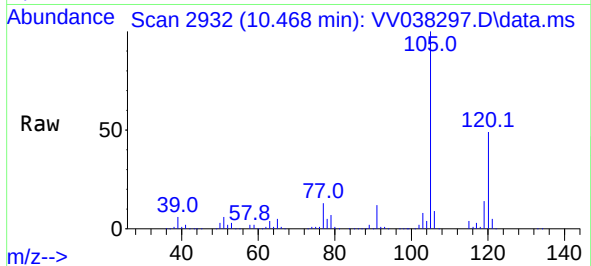




#62
1,3,5-Trimethylbenzene
Concen: 4.476 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

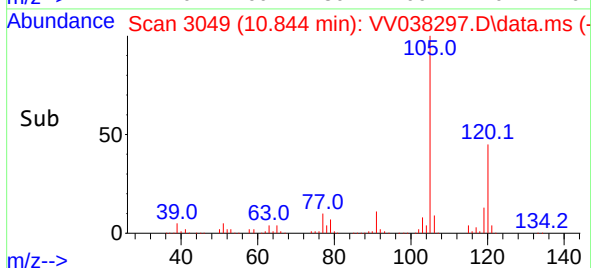
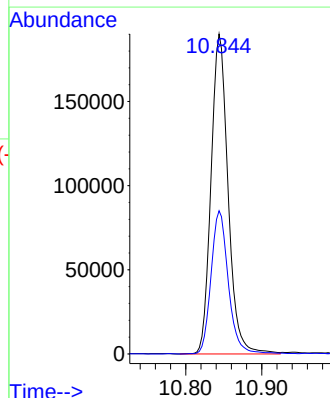
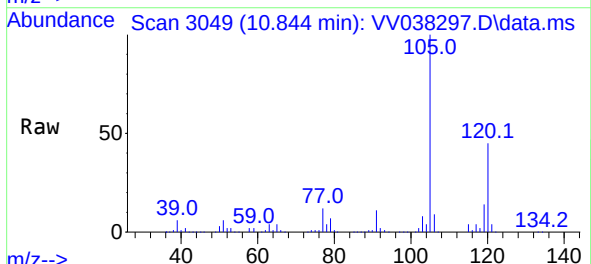
Instrument :
MSVOA_V
ClientSampleId :

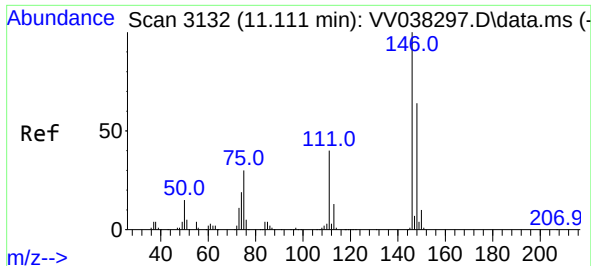
Tgt Ion:105 Resp: 288354
Ion Ratio Lower Upper
105 100
120 49.2 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 4.609 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion:105 Resp: 296093
Ion Ratio Lower Upper
105 100
120 45.6 37.0 55.4

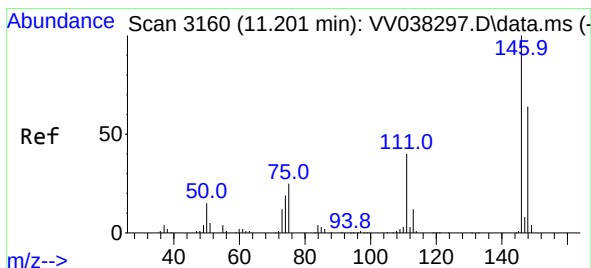
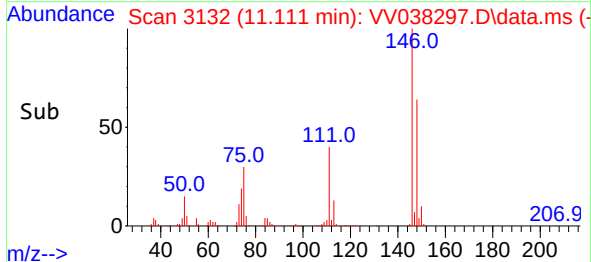
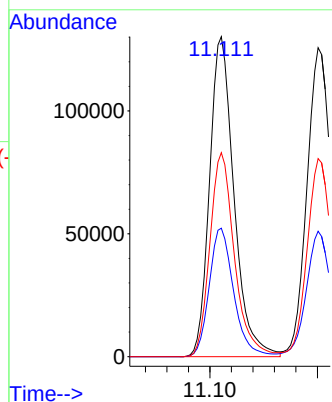
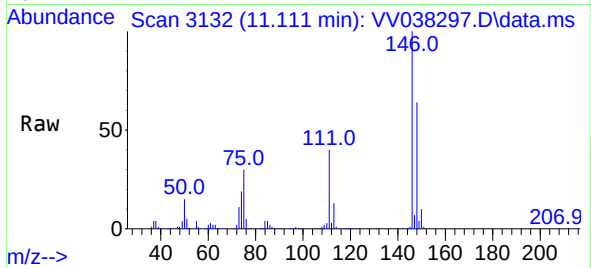




#64
1,3-Dichlorobenzene
Concen: 4.713 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

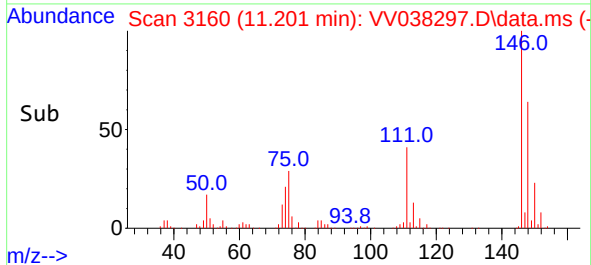
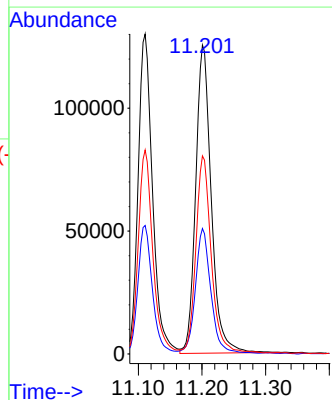
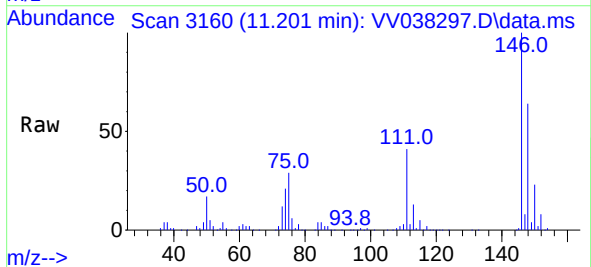
Instrument :
MSVOA_V
ClientSampleId :

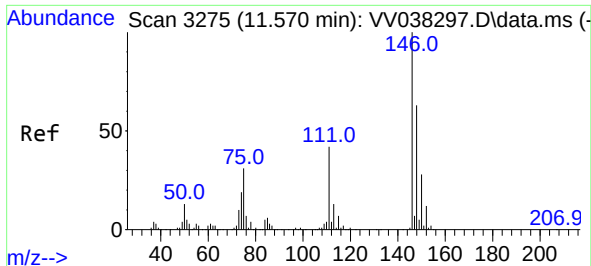
Tgt Ion:146 Resp: 205479
Ion Ratio Lower Upper
146 100
111 40.1 28.2 52.4
148 63.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.848 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

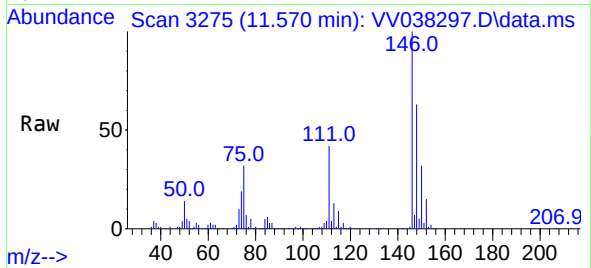
Tgt Ion:146 Resp: 213654
Ion Ratio Lower Upper
146 100
111 40.6 27.4 50.8
148 64.1 44.4 82.4



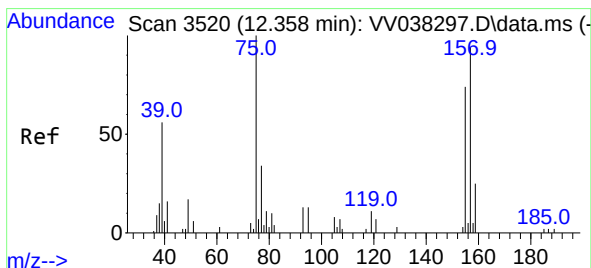
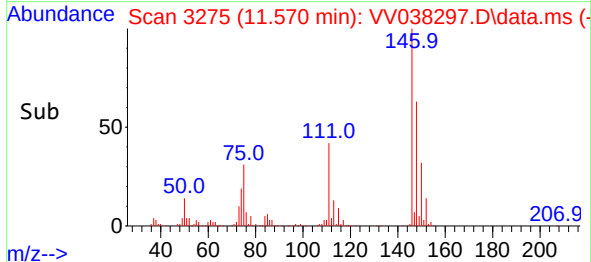
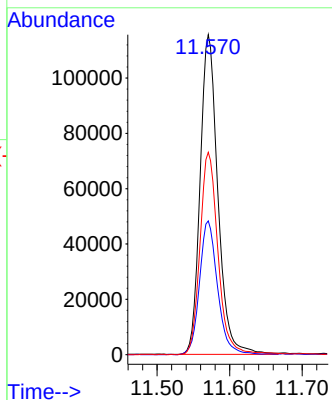


#67
1,2-Dichlorobenzene
Concen: 4.871 ug/L
RT: 11.570 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Instrument :
MSVOA_V
ClientSampleId :

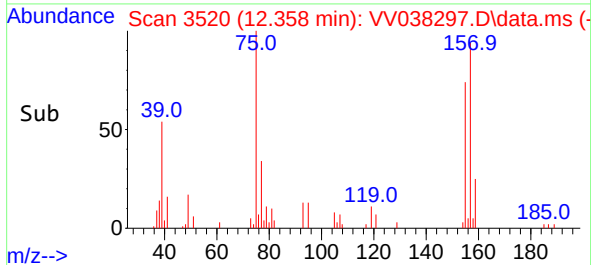
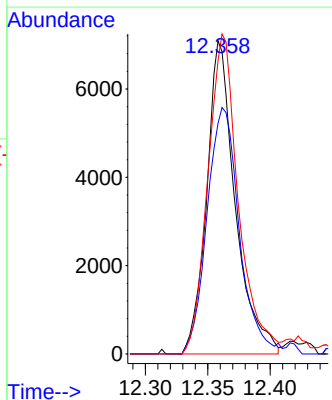
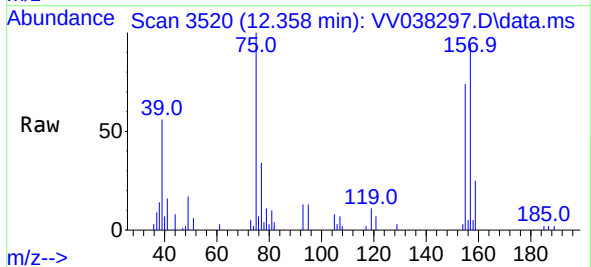


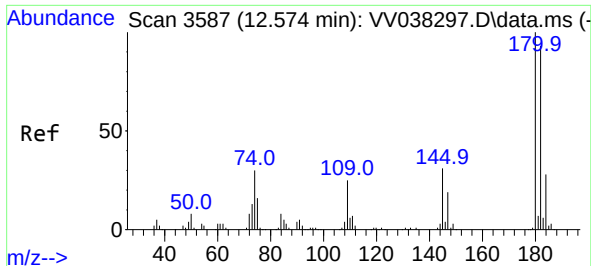
Tgt Ion:146 Resp: 196565
Ion Ratio Lower Upper
146 100
111 41.8 34.2 51.2
148 63.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.178 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.003 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

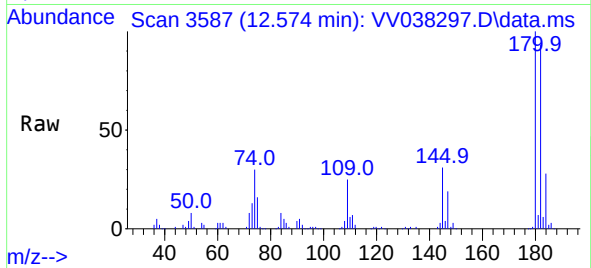
Tgt Ion: 75 Resp: 11318
Ion Ratio Lower Upper
75 100
155 73.7 67.5 101.3
157 93.8 82.7 124.1



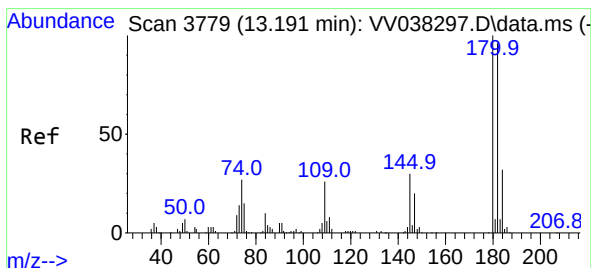
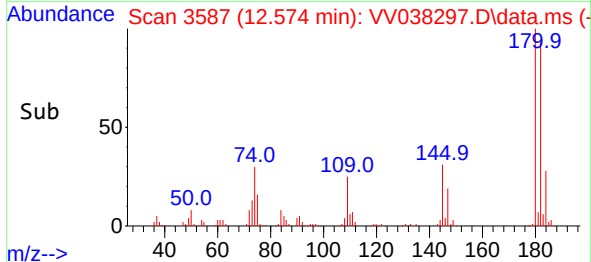
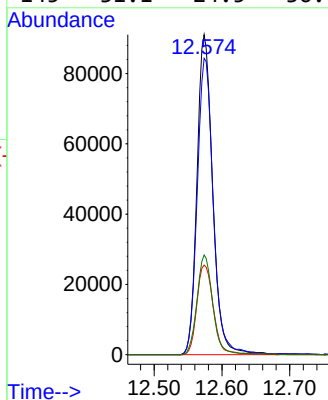


#69
 1,3,5-Trichlorobenzene
 Concen: 4.748 ug/L
 RT: 12.574 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV038297.D
 Acq: 23 Nov 2024 14:14

Instrument :
 MSVOA_V
 ClientSampleId :

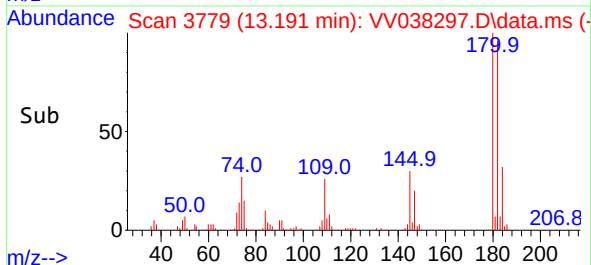
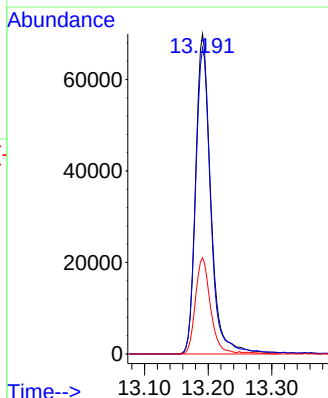
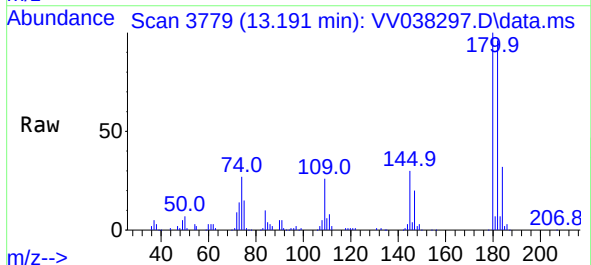


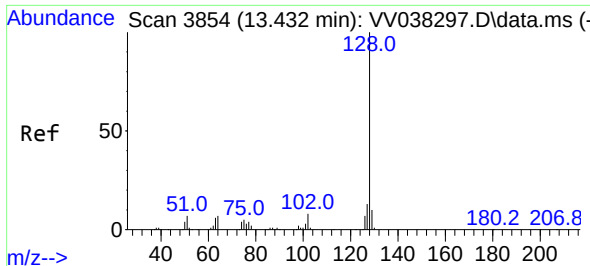
Tgt Ion:180 Resp: 146640
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.0 114.0
 184 29.6 23.7 35.5
 145 31.1 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.540 ug/L
 RT: 13.191 min Scan# 3779
 Delta R.T. 0.000 min
 Lab File: VV038297.D
 Acq: 23 Nov 2024 14:14

Tgt Ion:180 Resp: 115885
 Ion Ratio Lower Upper
 180 100
 182 94.5 73.8 110.8
 145 29.6 24.6 37.0

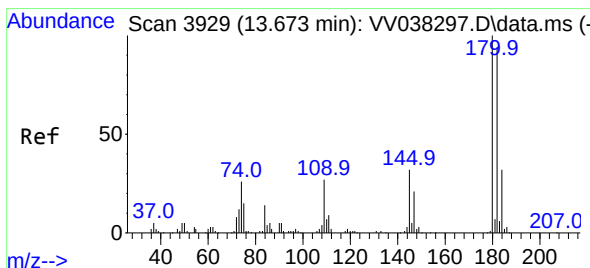
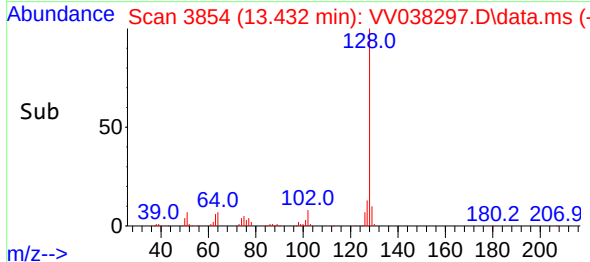
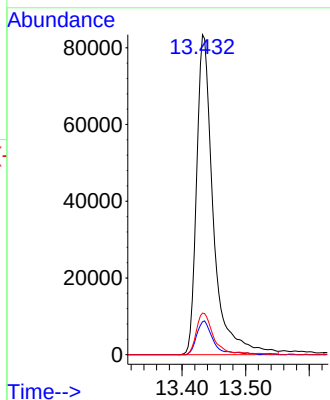
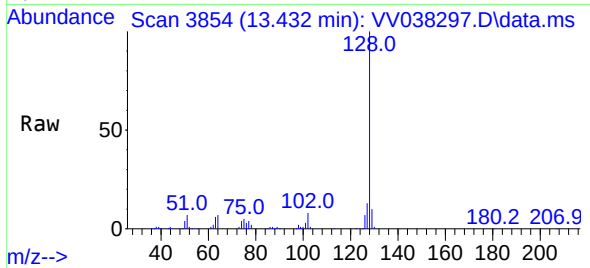




#71
Naphthalene
Concen: 3.839 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 152455
Ion Ratio Lower Upper
128 100
129 10.0 8.5 12.7
127 12.8 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 4.386 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV038297.D
Acq: 23 Nov 2024 14:14

Tgt Ion:180 Resp: 103444
Ion Ratio Lower Upper
180 100
182 92.7 75.1 112.7
145 32.2 27.0 40.4

