

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038021.D
 Acq On : 12 Nov 2024 14:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:31:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:23:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	311458	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	314772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	168777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	114583	4.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.529	69	93240	4.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.050	65	50181	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.812	46	250447	40.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.400%
24) Chloroform-d	4.236	84	226422	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	4.934	65	104201	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	4.950	84	435948	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.979	67	128848	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.233	98	407460	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.551	79	52673	4.264	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.021	63	234720	42.513	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.020%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	104307	4.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	152391	4.343	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	158697	4.673	ug/L	98
3) Chloromethane	1.211	50	146303	4.644	ug/L	99
5) Vinyl chloride	1.278	62	147921	4.678	ug/L	99
6) Bromomethane	1.484	94	94945	4.716	ug/L	99
8) Chloroethane	1.545	64	88753	4.632	ug/L	100
9) Trichlorofluoromethane	1.709	101	208698	4.775	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	117761	4.667	ug/L	99
12) 1,1-Dichloroethene	2.060	96	112293	4.743	ug/L	96
13) Acetone	2.150	43	175547	39.531	ug/L	99
14) Carbon disulfide	2.230	76	376061	4.845	ug/L	100
15) Methyl Acetate	2.384	43	39214	4.044	ug/L	95
16) Methylene chloride	2.439	84	125410	4.472	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	270719	4.693	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	122767	4.792	ug/L	97
19) 1,1-Dichloroethane	3.101	63	217835	4.732	ug/L	99
21) 2-Butanone	3.892	43	242345	40.411	ug/L	96
22) cis-1,2-Dichloroethene	3.802	96	130991	4.865	ug/L	97
23) Bromochloromethane	4.137	128	59944	4.847	ug/L	97
25) Chloroform	4.265	83	230061	4.734	ug/L	99

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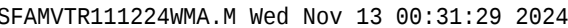
Instrument :
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 ClientSampleId :

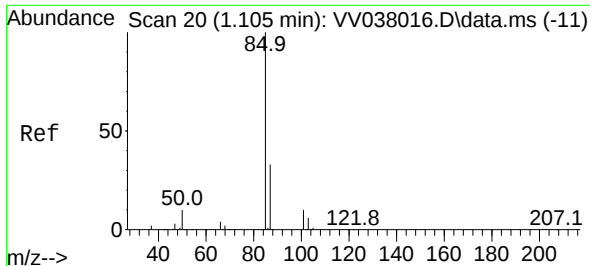
Quant Time: Nov 13 00:31:15 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:23:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	128615	4.706	ug/L	98
29) 1,1,1-Trichloroethane	4.497	97	201473	4.741	ug/L	98
30) Cyclohexane	4.571	56	183795	4.885	ug/L	99
31) Carbon tetrachloride	4.722	117	180178	4.869	ug/L	99
33) Benzene	4.998	78	488046	4.875	ug/L	100
34) Trichloroethene	5.825	95	130545	4.770	ug/L	98
35) Methylcyclohexane	6.040	83	200414	4.850	ug/L	98
37) 1,2-Dichloropropane	6.082	63	117237	4.734	ug/L	100
38) Bromodichloromethane	6.423	83	155009	4.711	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	183723	4.976	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	624428	44.847	ug/L	99
42) Toluene	7.307	91	523471	5.005	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	151666	4.839	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	90272	4.544	ug/L	98
47) Tetrachloroethene	7.895	164	103084	4.800	ug/L	97
48) 2-Hexanone	8.069	43	459510	45.872	ug/L	97
49) Dibromochloromethane	8.169	129	101324	4.731	ug/L	100
50) 1,2-Dibromoethane	8.275	107	86677	4.596	ug/L	96
51) Chlorobenzene	8.805	112	345506	4.849	ug/L	98
52) Ethylbenzene	8.937	91	562203	4.949	ug/L	100
53) m,p-Xylene	9.066	106	218910	5.111	ug/L	98
54) o-Xylene	9.471	106	209596	5.056	ug/L	98
55) Styrene	9.487	104	372824	5.164	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	107675	4.541	ug/L	99
59) Bromoform	9.661	173	52774	4.756	ug/L	98
60) Isopropylbenzene	9.860	105	567657	5.042	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	72966	4.425	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	451238	5.004	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	457893	5.068	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	281826	4.853	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	289322	4.842	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	258798	4.765	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	16274	4.354	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	199893	4.680	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	178094	4.696	ug/L	98
71) Naphthalene	13.432	128	286638	4.152	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	163400	4.565	ug/L	99

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

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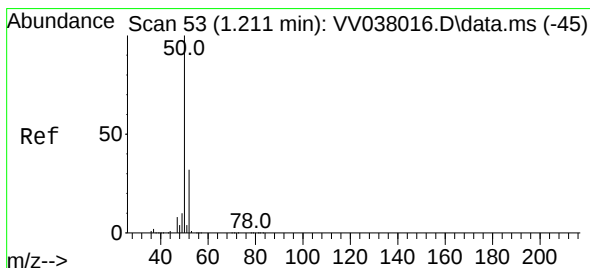
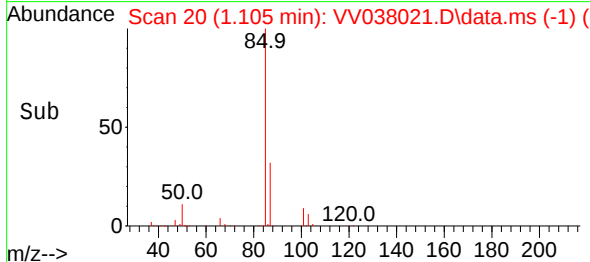
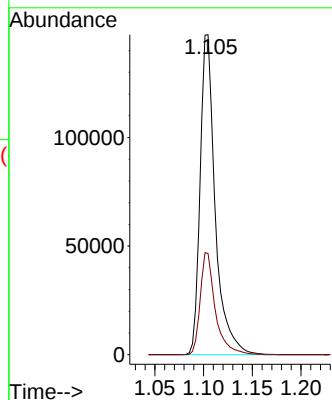
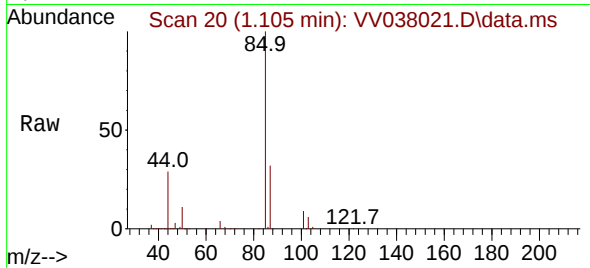




#2
 Dichlorodifluoromethane
 Concen: 4.673 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038021.D
 Acq: 12 Nov 2024 14:58

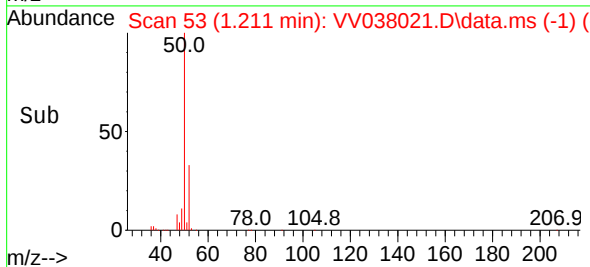
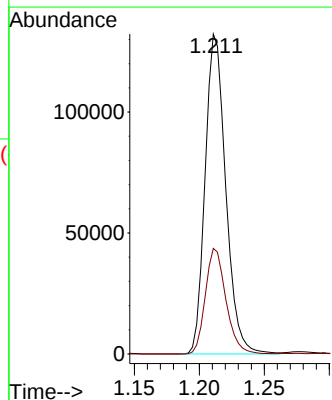
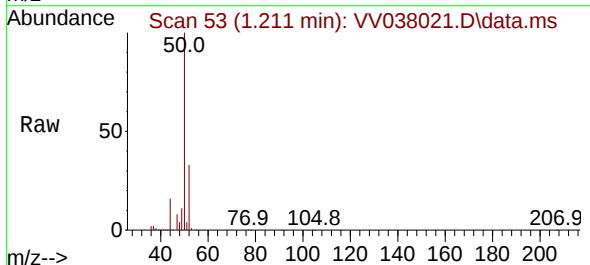
Instrument :
 MSVOA_V
 ClientSampleId :

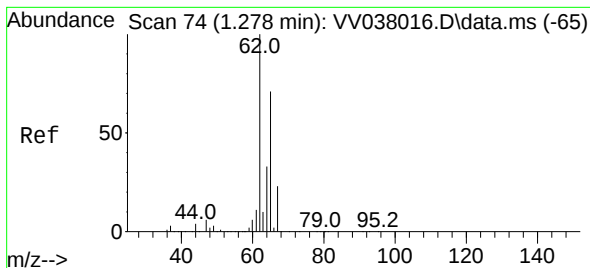
Tgt Ion: 85 Resp: 158697
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.4 39.6



#3
 Chloromethane
 Concen: 4.644 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV038021.D
 Acq: 12 Nov 2024 14:58

Tgt Ion: 50 Resp: 146303
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.6 42.0





#5

Vinyl chloride

Concen: 4.678 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

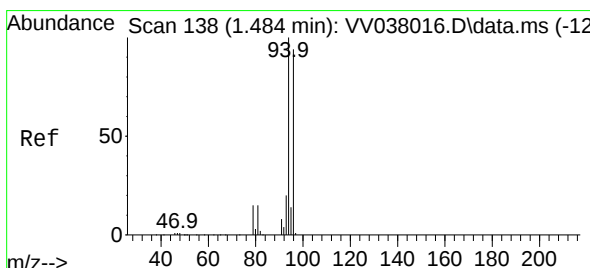
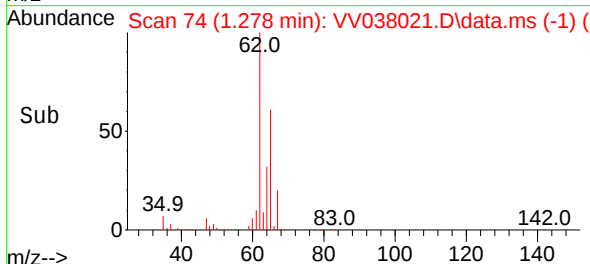
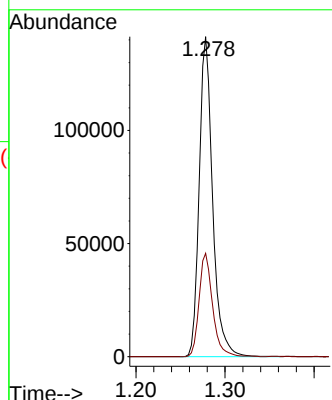
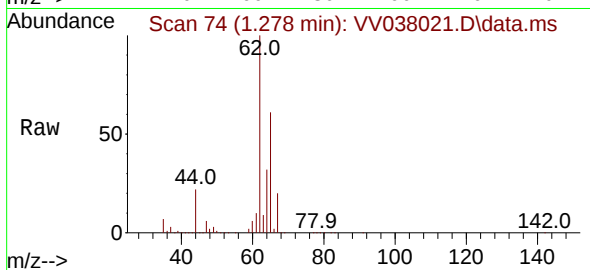
ClientSampleId :

Tgt Ion: 62 Resp: 147921

Ion Ratio Lower Upper

62 100

64 32.3 23.0 42.6



#6

Bromomethane

Concen: 4.716 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV038021.D

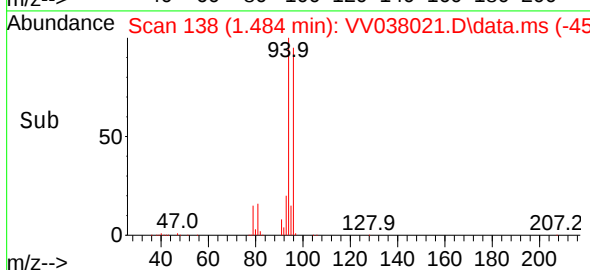
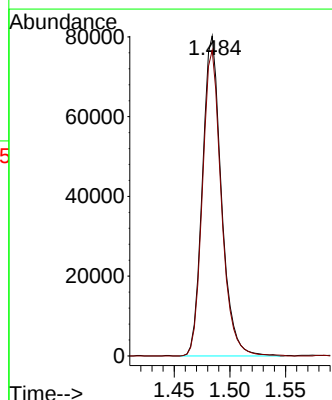
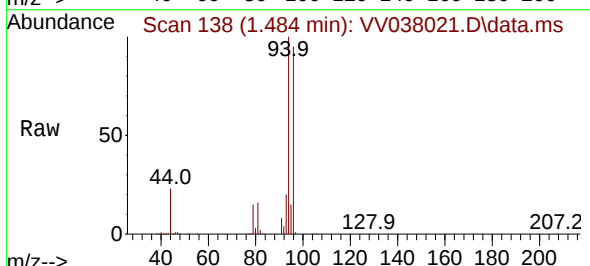
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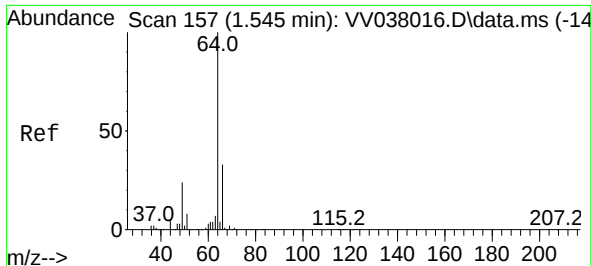
Tgt Ion: 94 Resp: 94945

Ion Ratio Lower Upper

94 100

96 95.5 66.0 122.6

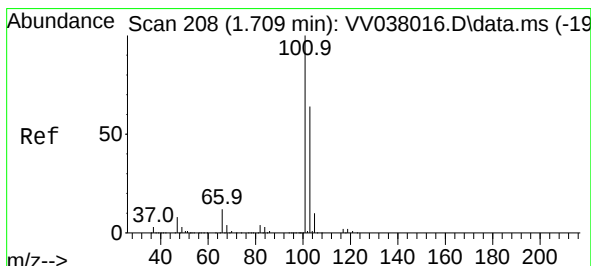
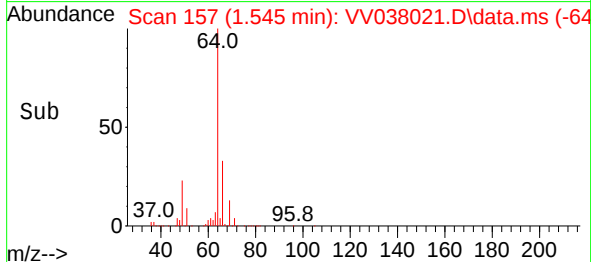
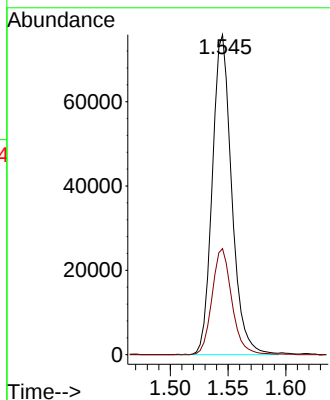
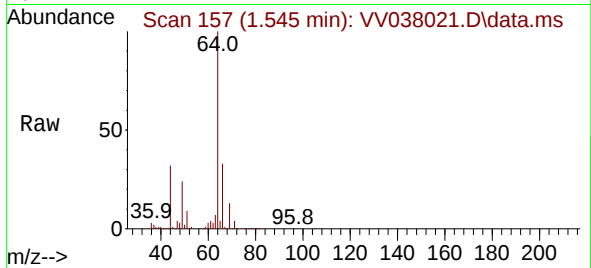




#8
Chloroethane
Concen: 4.632 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

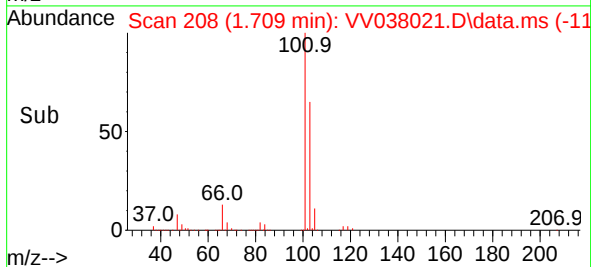
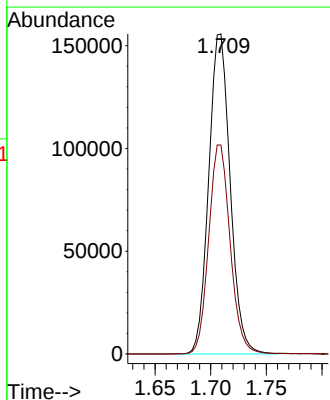
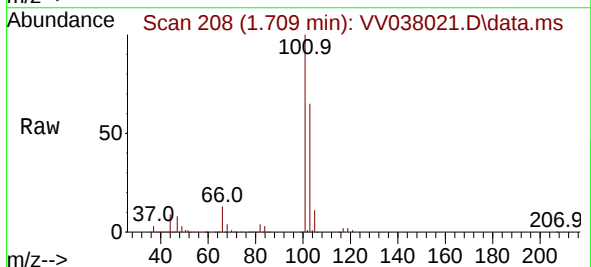
Instrument :
MSVOA_V
ClientSampleId :

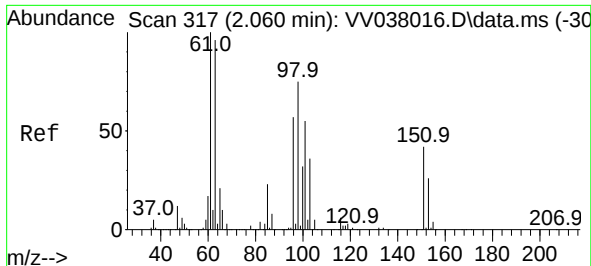
Tgt Ion: 64 Resp: 88753
Ion Ratio Lower Upper
64 100
66 33.2 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.775 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion:101 Resp: 208698
Ion Ratio Lower Upper
101 100
103 65.4 50.9 76.3

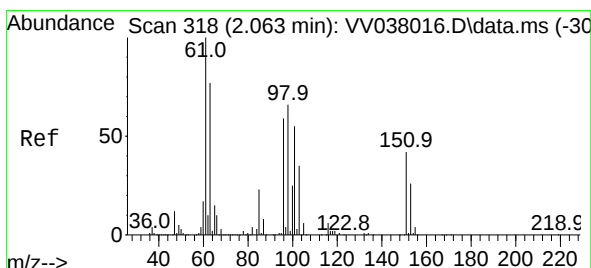
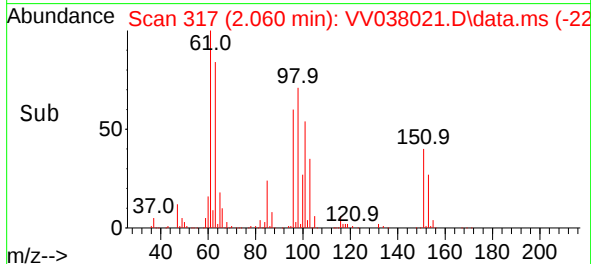
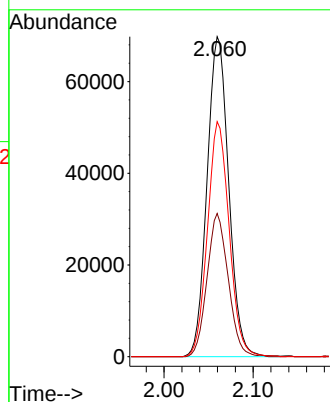
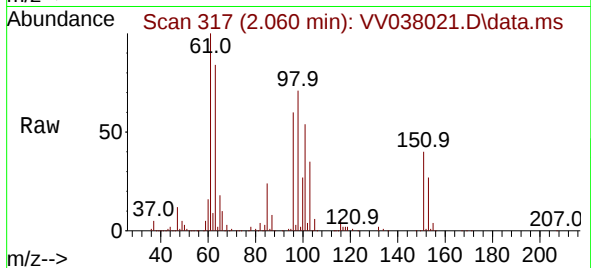




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.667 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV038021.D
 Acq: 12 Nov 2024 14:58

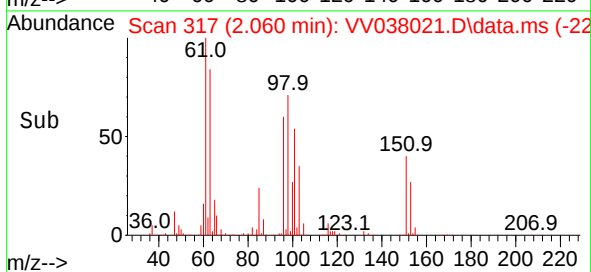
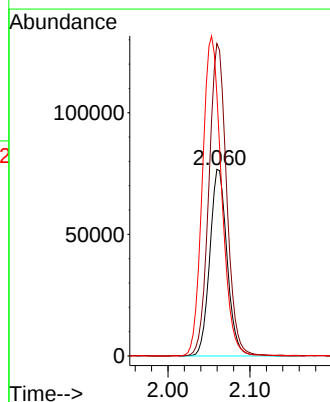
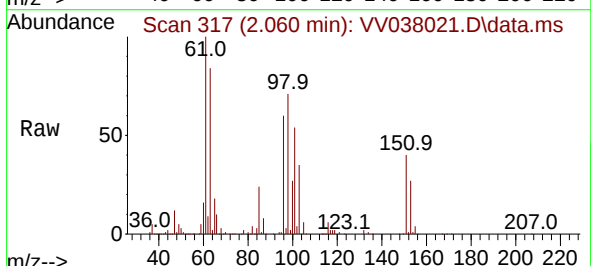
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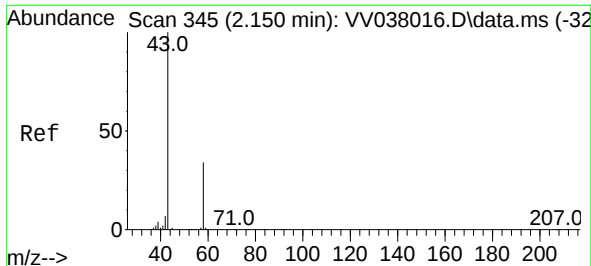
Tgt Ion:101 Resp: 117761
 Ion Ratio Lower Upper
 101 100
 85 43.8 33.7 50.5
 151 73.4 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 4.743 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038021.D
 Acq: 12 Nov 2024 14:58

Tgt Ion: 96 Resp: 112293
 Ion Ratio Lower Upper
 96 100
 61 167.5 118.1 219.3
 63 140.6 91.4 169.8





#13

Acetone

Concen: 39.531 ug/L

RT: 2.150 min Scan# 345

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

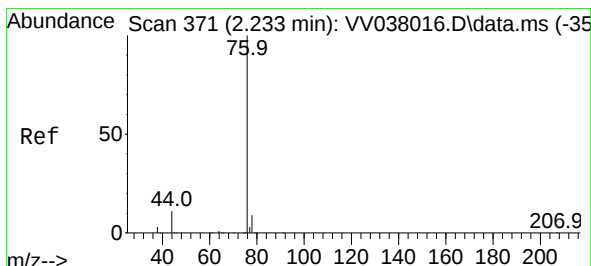
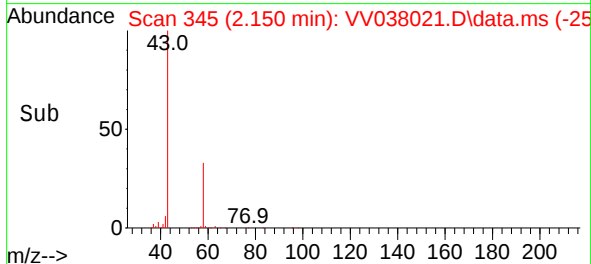
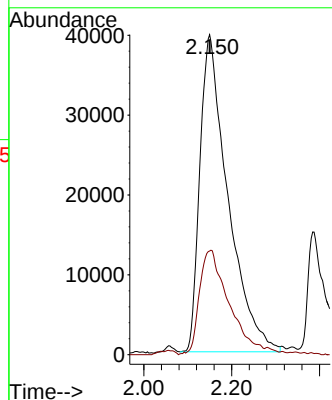
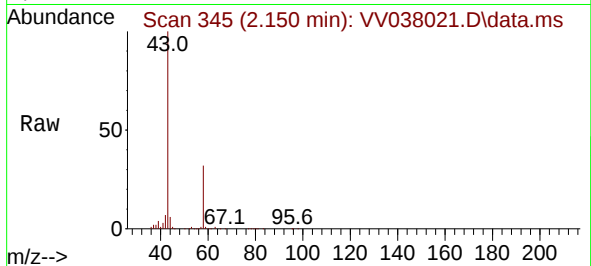
ClientSampleId :

Tgt Ion: 43 Resp: 175547

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.0



#14

Carbon disulfide

Concen: 4.845 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV038021.D

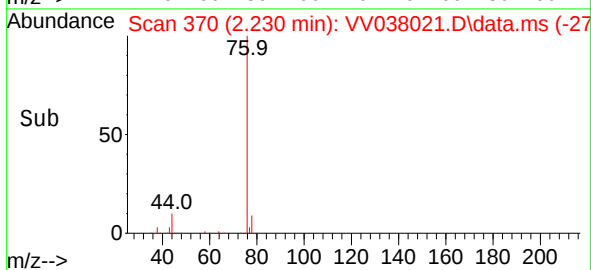
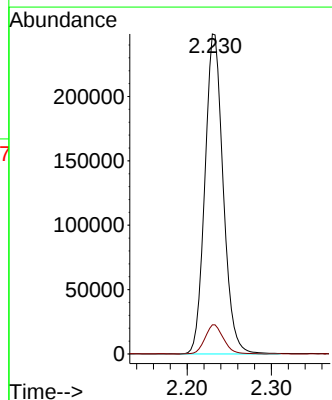
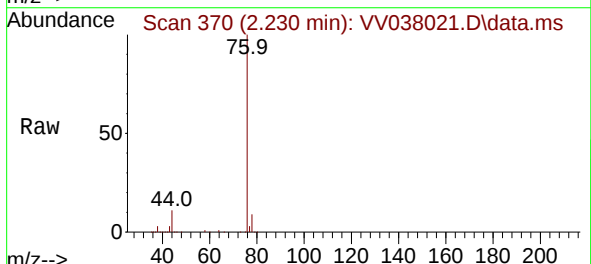
Acq: 12 Nov 2024 14:58

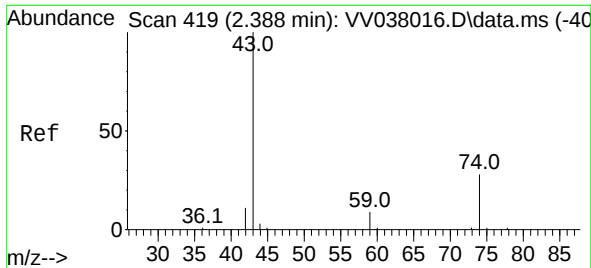
Tgt Ion: 76 Resp: 376061

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

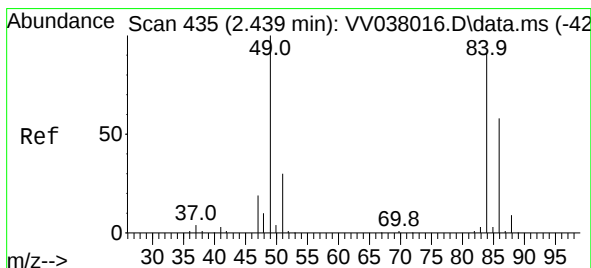
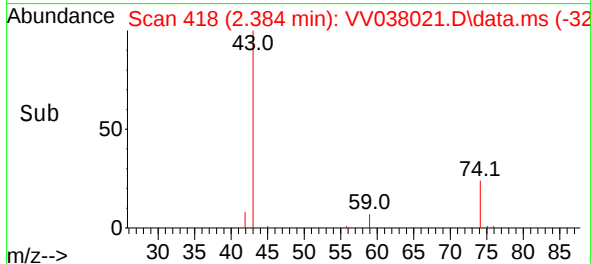
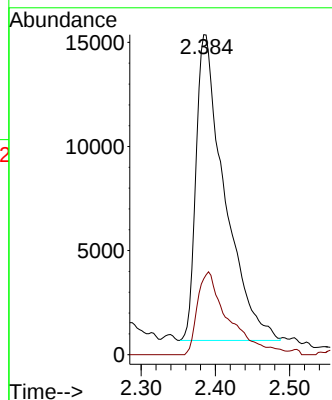
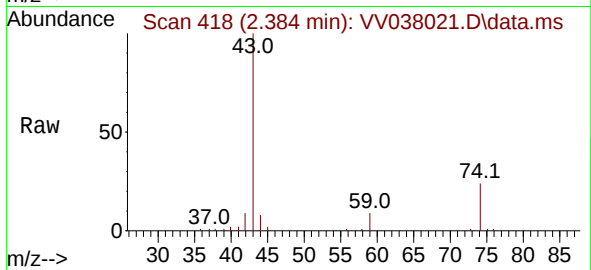




#15
Methyl Acetate
Concen: 4.044 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

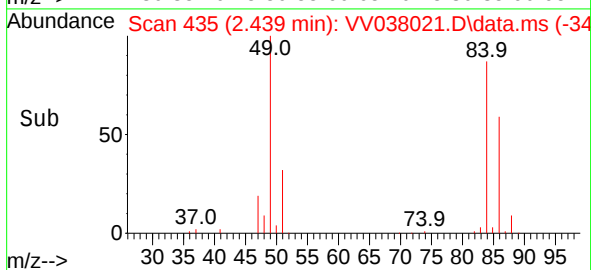
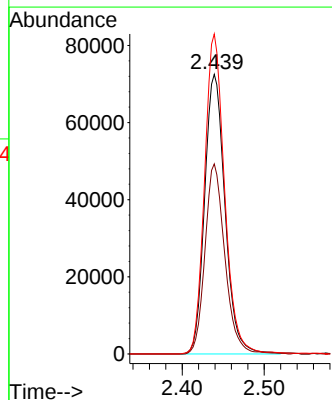
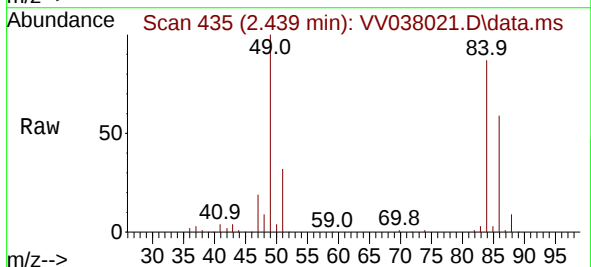
Instrument :
MSVOA_V
ClientSampleId :

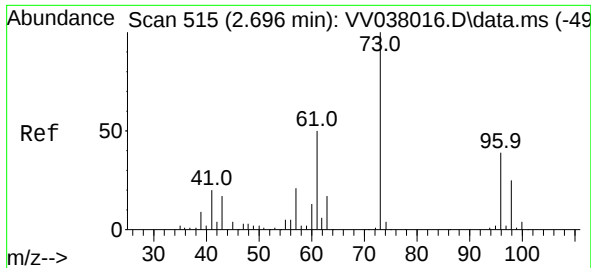
Tgt Ion: 43 Resp: 39214
Ion Ratio Lower Upper
43 100
74 29.6 21.7 32.5



#16
Methylene chloride
Concen: 4.472 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

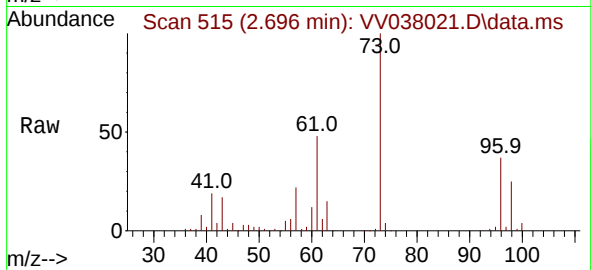
Tgt Ion: 84 Resp: 125410
Ion Ratio Lower Upper
84 100
86 68.0 44.4 82.5
49 114.4 77.1 143.3



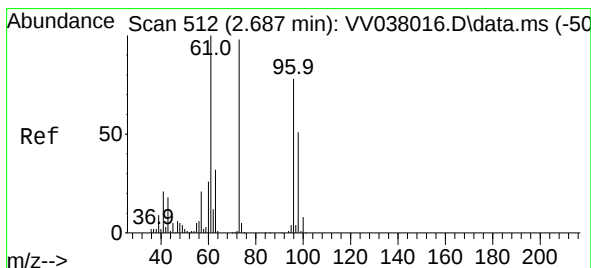
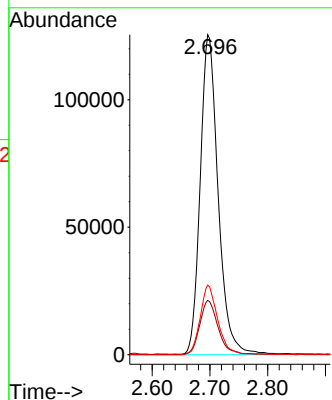
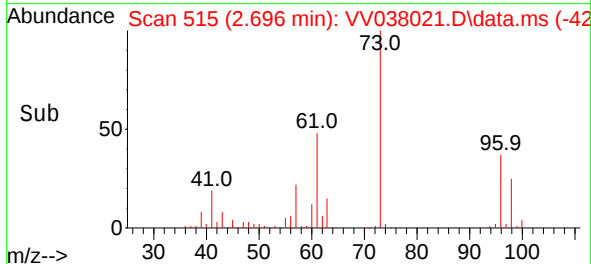


#17
Methyl tert-butyl Ether
Concen: 4.693 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Instrument :
MSVOA_V
ClientSampleId :

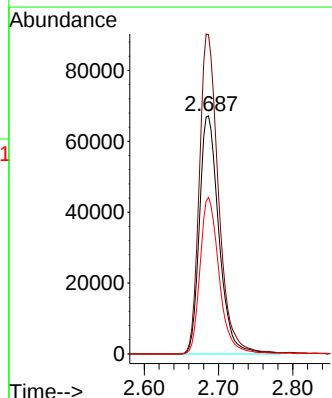
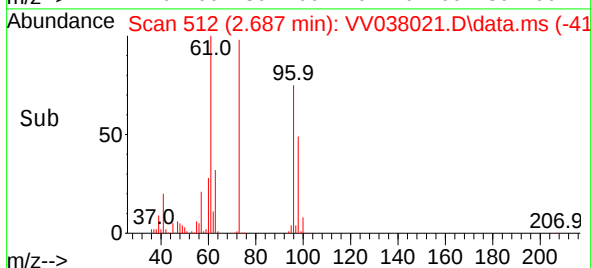
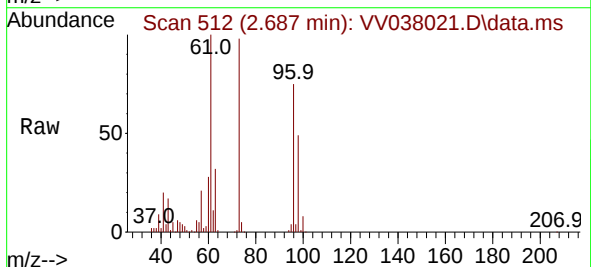


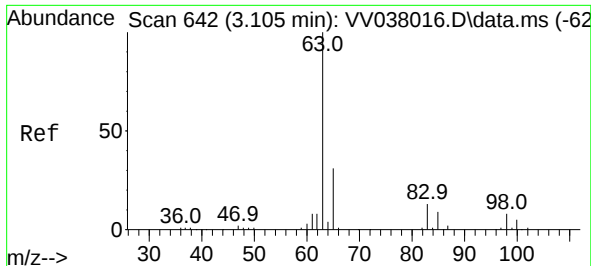
Tgt Ion: 73 Resp: 270719
Ion Ratio Lower Upper
73 100
43 16.9 14.1 21.1
57 21.1 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.792 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

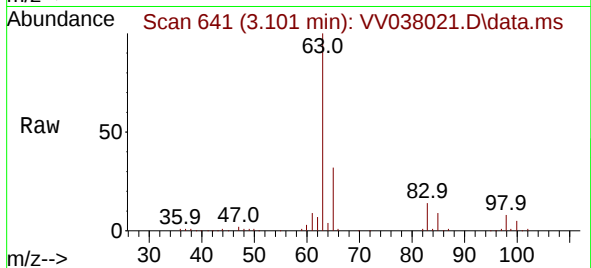
Tgt Ion: 96 Resp: 122767
Ion Ratio Lower Upper
96 100
61 134.1 90.2 167.6
98 65.8 45.7 84.9



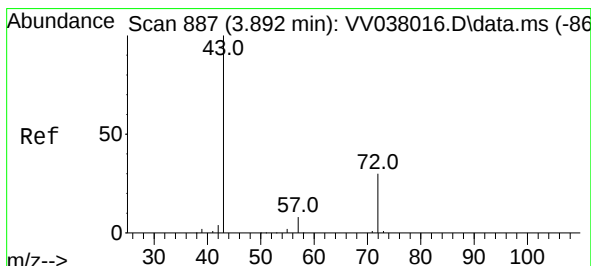
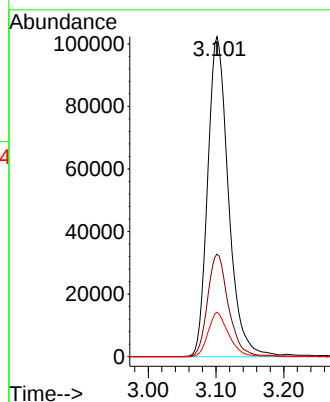
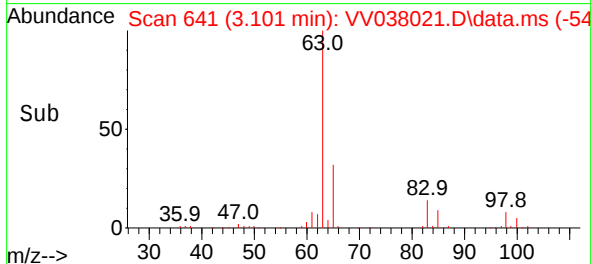


#19
1,1-Dichloroethane
Concen: 4.732 ug/L
RT: 3.101 min Scan# 642
Delta R.T. -0.003 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Instrument :
MSVOA_V
ClientSampleId :

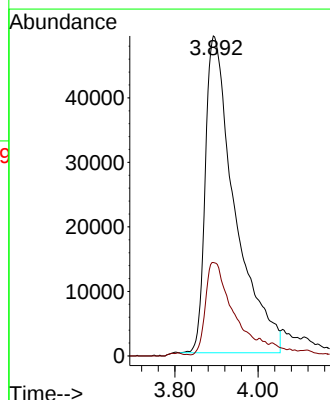
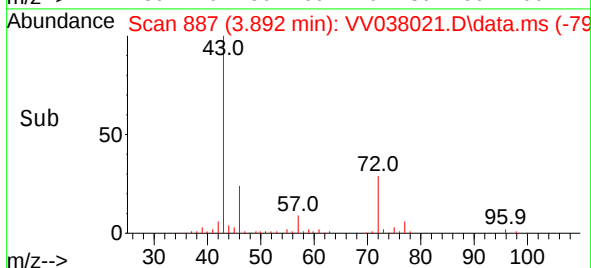
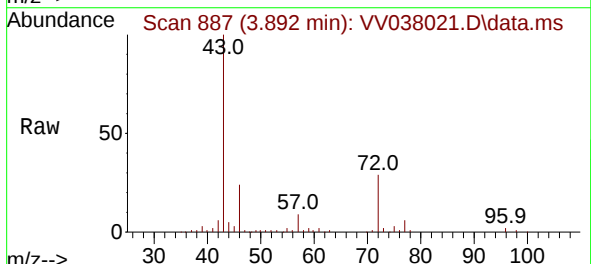


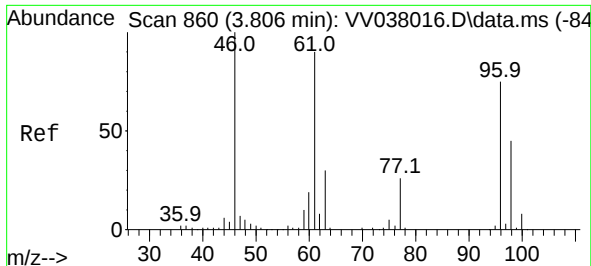
Tgt Ion: 63 Resp: 217835
Ion Ratio Lower Upper
63 100
65 32.1 22.0 40.8
83 13.9 9.2 17.2



#21
2-Butanone
Concen: 40.411 ug/L
RT: 3.892 min Scan# 887
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion: 43 Resp: 242345
Ion Ratio Lower Upper
43 100
72 26.0 14.2 42.6

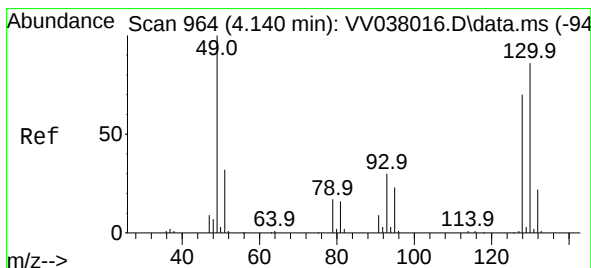
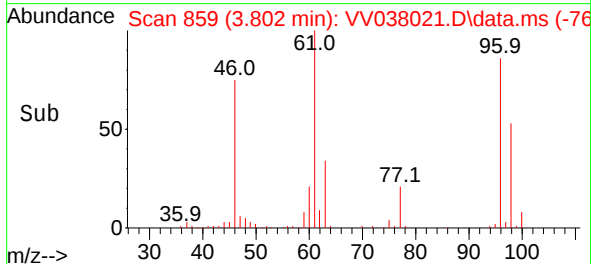
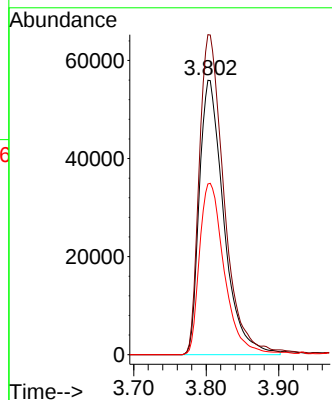
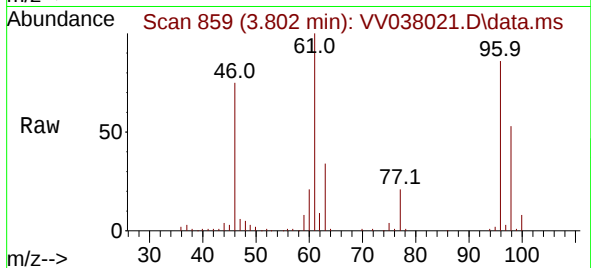




#22
 cis-1,2-Dichloroethene
 Concen: 4.865 ug/L
 RT: 3.802 min Scan# 859
 Delta R.T. -0.003 min
 Lab File: VV038021.D
 Acq: 12 Nov 2024 14:58

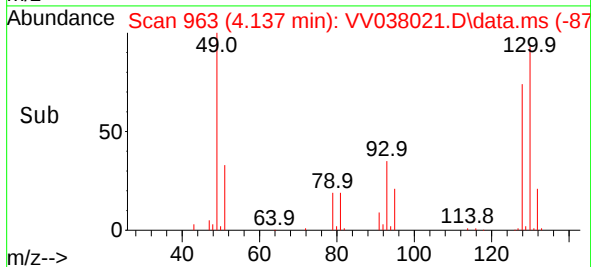
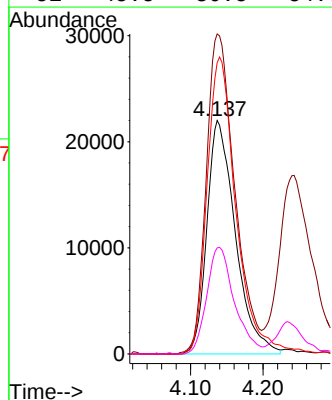
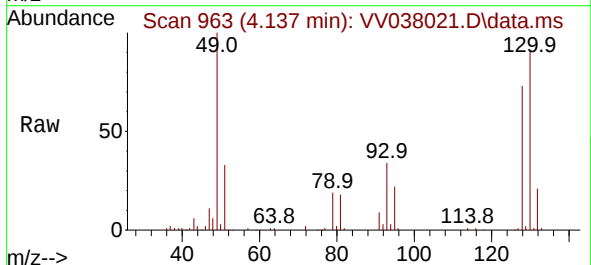
Instrument :
 MSVOA_V
 ClientSampleId :

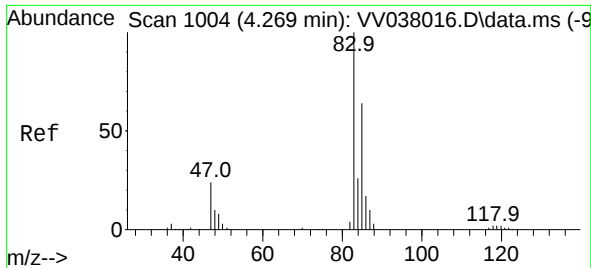
Tgt Ion: 96 Resp: 130991
 Ion Ratio Lower Upper
 96 100
 61 116.6 84.1 156.3
 98 62.2 42.6 79.0



#23
 Bromochloromethane
 Concen: 4.847 ug/L
 RT: 4.137 min Scan# 963
 Delta R.T. -0.003 min
 Lab File: VV038021.D
 Acq: 12 Nov 2024 14:58

Tgt Ion:128 Resp: 59944
 Ion Ratio Lower Upper
 128 100
 49 137.0 100.4 186.4
 130 124.7 86.1 159.9
 51 45.5 36.5 54.7

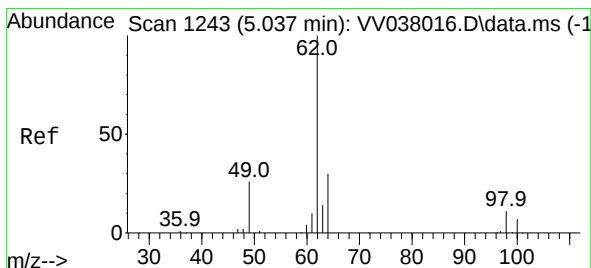
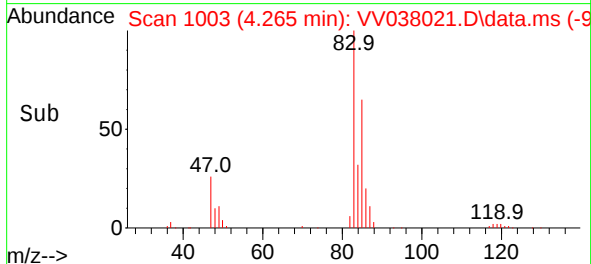
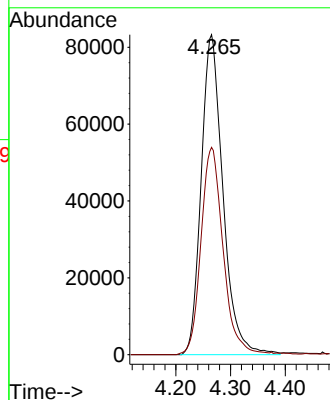
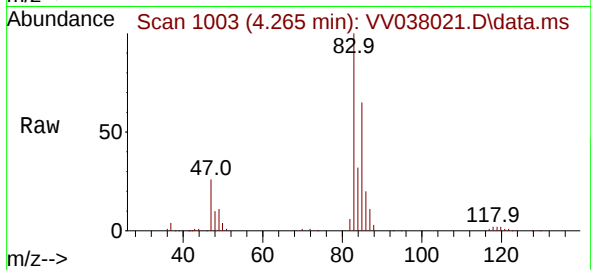




#25
Chloroform
Concen: 4.734 ug/L
RT: 4.265 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

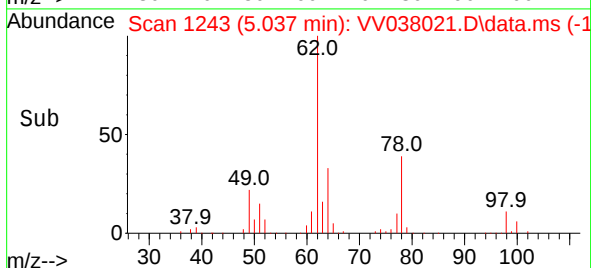
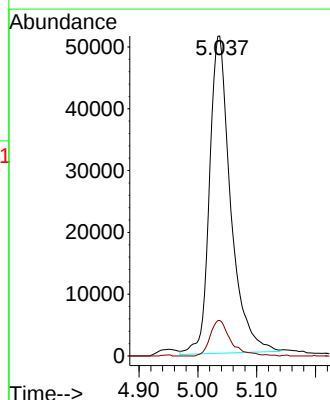
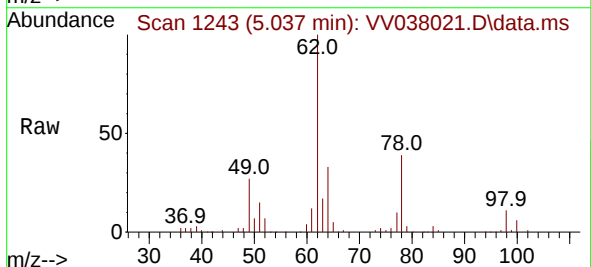
Instrument :
MSVOA_V
ClientSampleId :

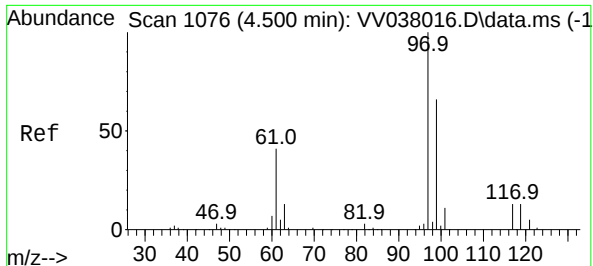
Tgt Ion: 83 Resp: 230061
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 4.706 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion: 62 Resp: 128615
Ion Ratio Lower Upper
62 100
98 11.1 8.3 12.5

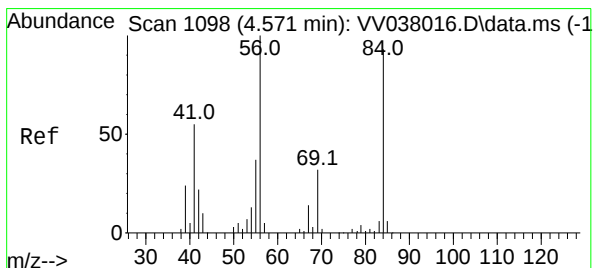
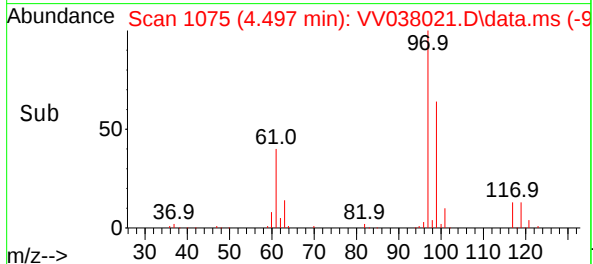
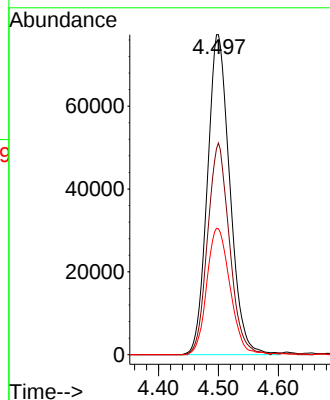
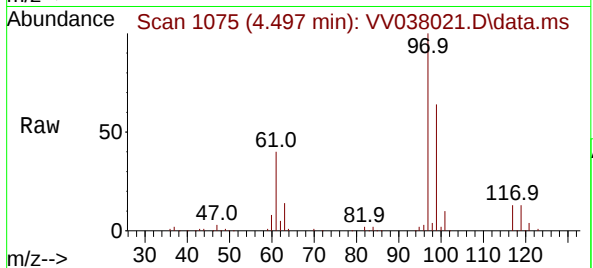




#29
1,1,1-Trichloroethane
Concen: 4.741 ug/L
RT: 4.497 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

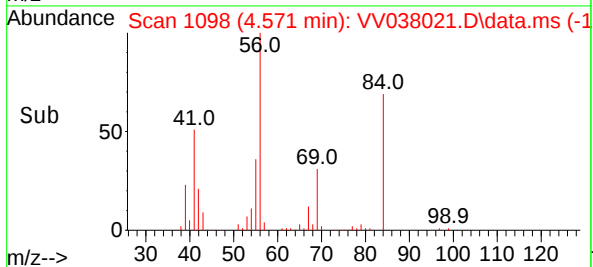
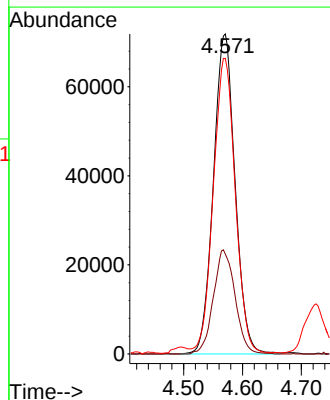
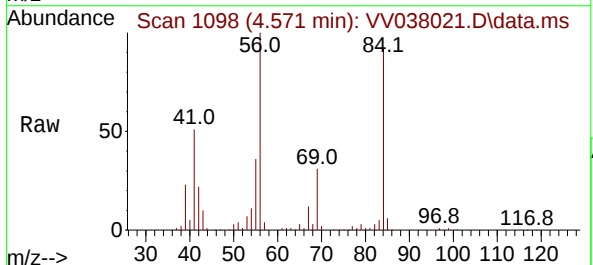
Instrument :
MSVOA_V
ClientSampleId :

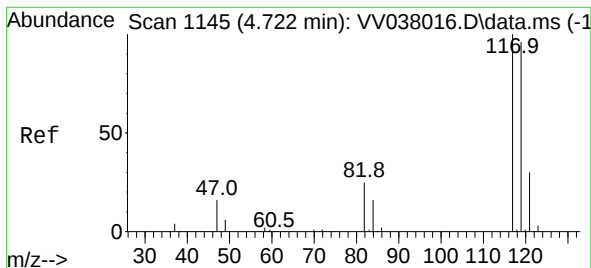
Tgt Ion: 97 Resp: 201473
Ion Ratio Lower Upper
97 100
99 64.4 52.3 78.5
61 40.8 33.6 50.4



#30
Cyclohexane
Concen: 4.885 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion: 56 Resp: 183795
Ion Ratio Lower Upper
56 100
69 32.6 25.4 38.2
84 93.6 75.7 113.5





#31

Carbon tetrachloride

Concen: 4.869 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

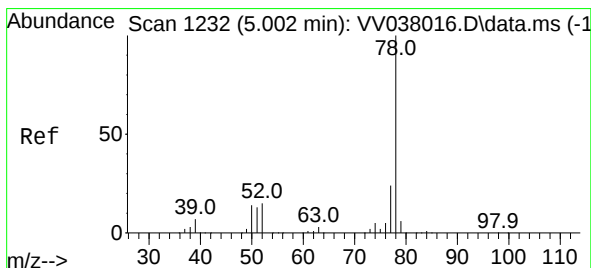
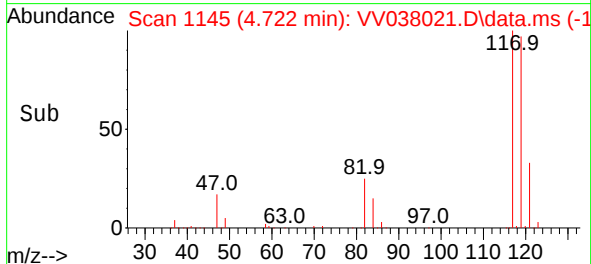
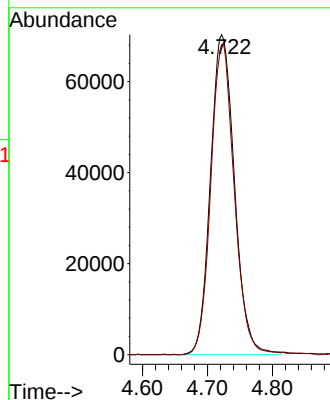
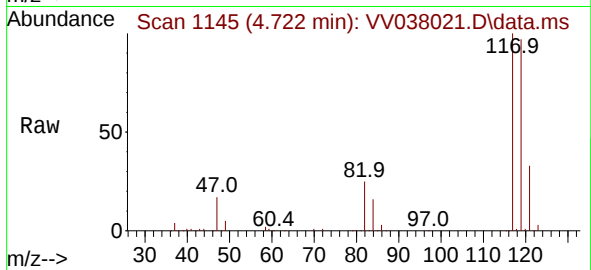
ClientSampleId :

Tgt Ion:117 Resp: 180178

Ion Ratio Lower Upper

117 100

119 94.7 76.6 115.0



#33

Benzene

Concen: 4.875 ug/L

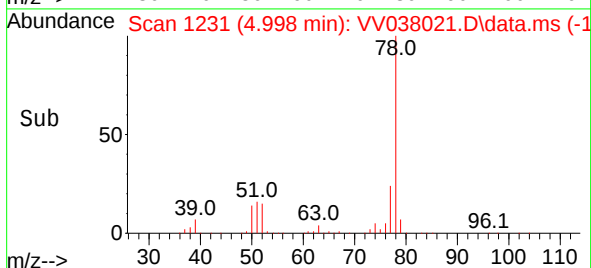
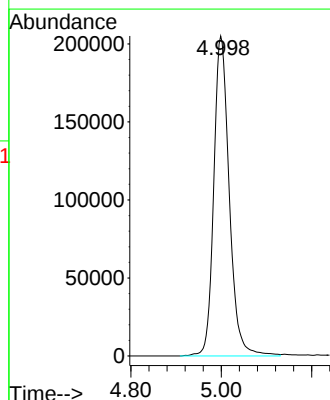
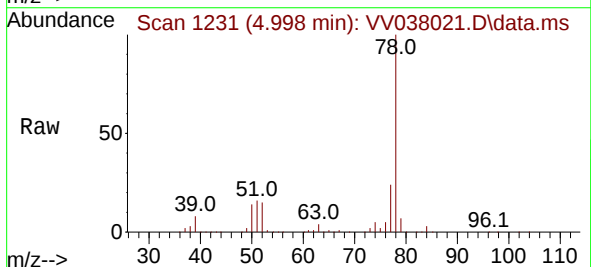
RT: 4.998 min Scan# 1231

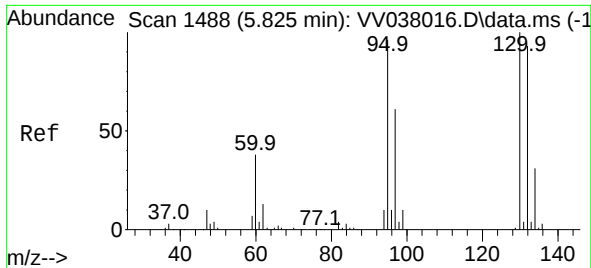
Delta R.T. -0.003 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

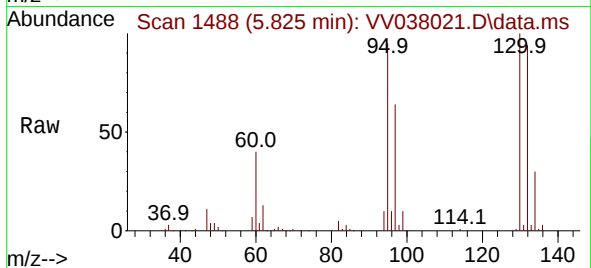
Tgt Ion: 78 Resp: 488046



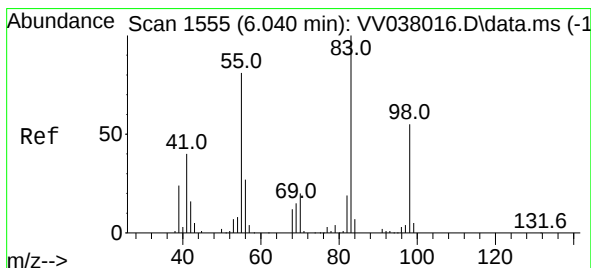
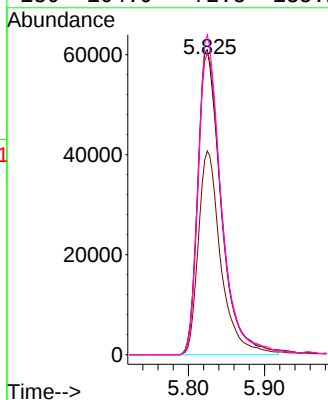
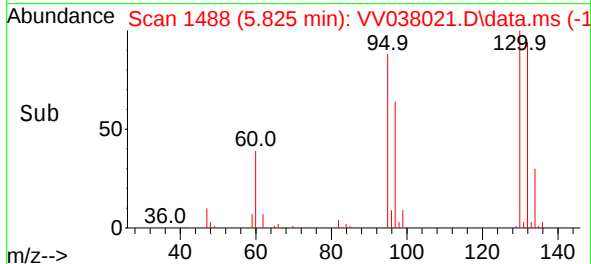


#34
Trichloroethene
Concen: 4.770 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

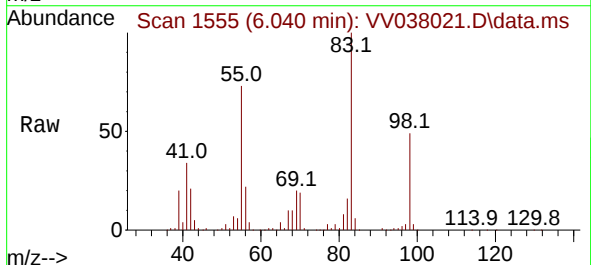
Instrument :
MSVOA_V
ClientSampleId :



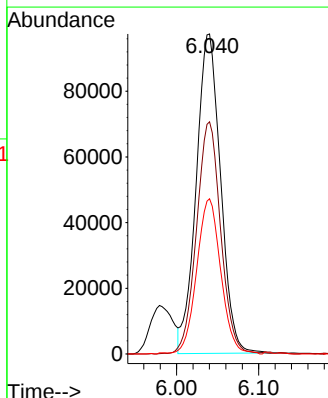
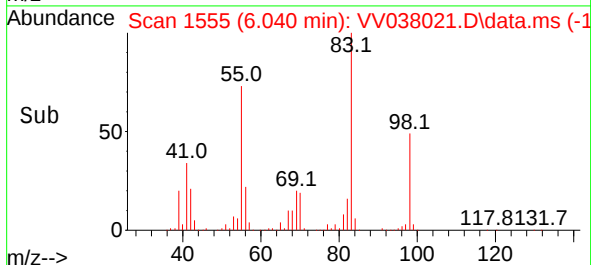
Tgt Ion: 95 Resp: 130545
Ion Ratio Lower Upper
95 100
97 66.8 44.5 82.7
132 98.8 67.9 126.1
130 104.9 72.8 135.2

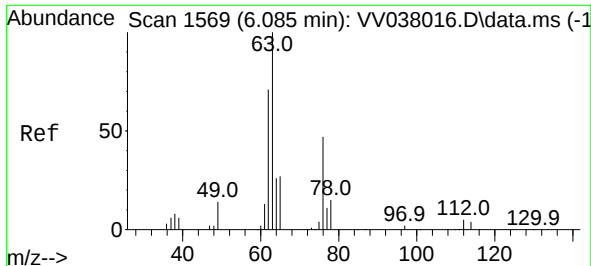


#35
Methylcyclohexane
Concen: 4.850 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58



Tgt Ion: 83 Resp: 200414
Ion Ratio Lower Upper
83 100
55 72.1 58.8 88.2
98 48.0 40.2 60.2

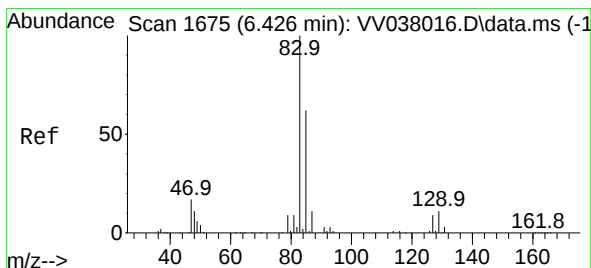
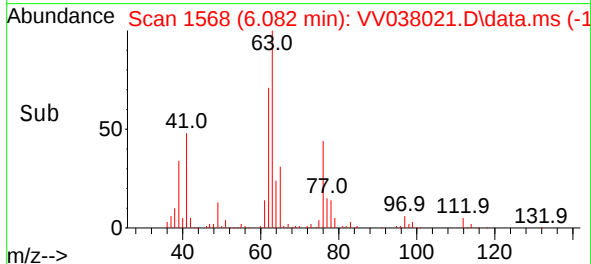
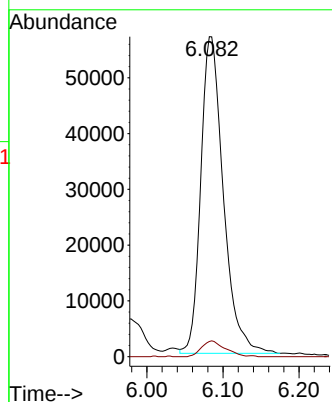
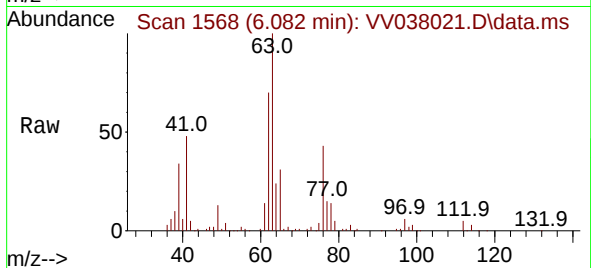




#37
1,2-Dichloropropane
Concen: 4.734 ug/L
RT: 6.082 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

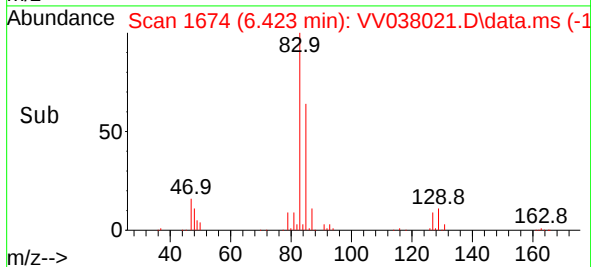
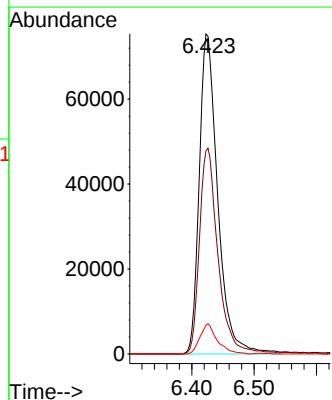
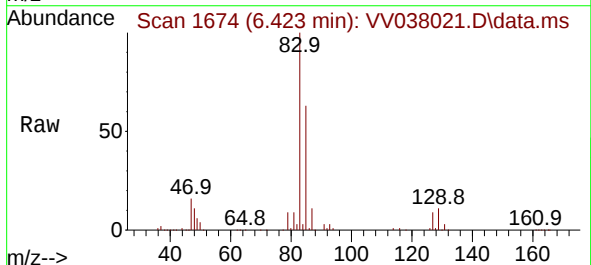
Instrument :
MSVOA_V
ClientSampleId :

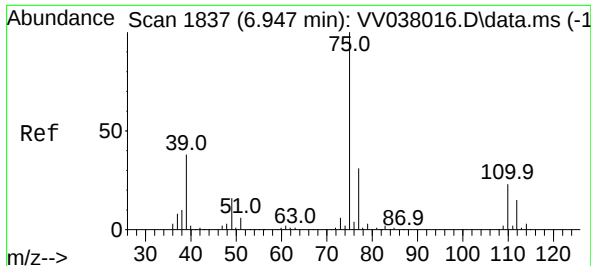
Tgt Ion: 63 Resp: 117237
Ion Ratio Lower Upper
63 100
112 5.2 4.1 6.1



#38
Bromodichloromethane
Concen: 4.711 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion: 83 Resp: 155009
Ion Ratio Lower Upper
83 100
85 63.5 43.6 81.0
127 9.0 7.0 10.6

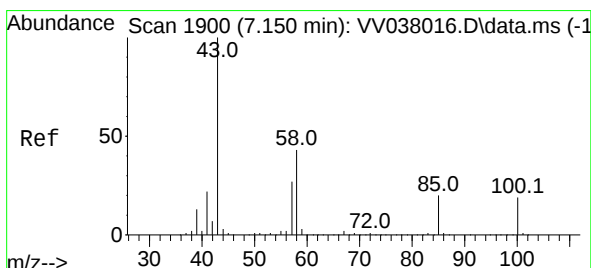
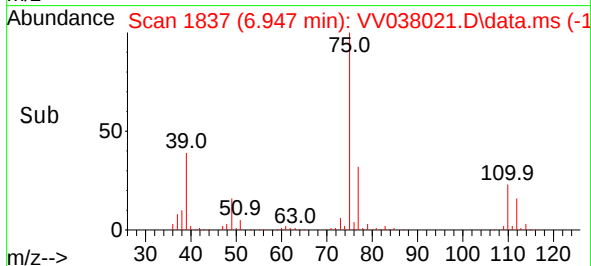
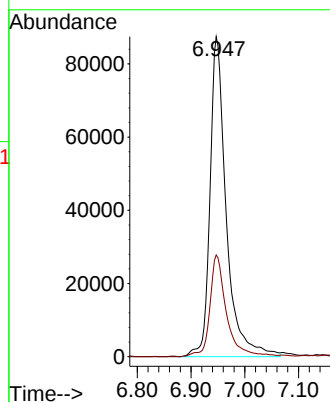
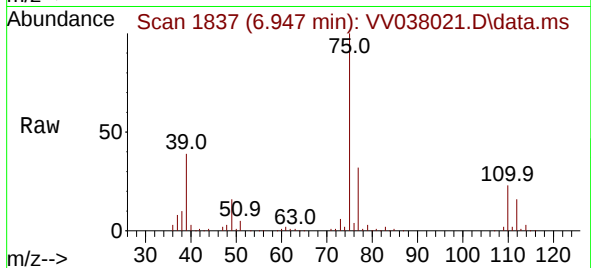




#39
cis-1,3-Dichloropropene
Concen: 4.976 ug/L
RT: 6.947 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

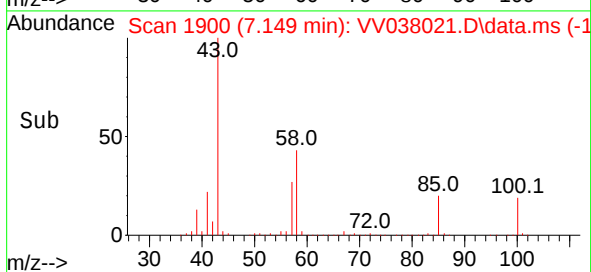
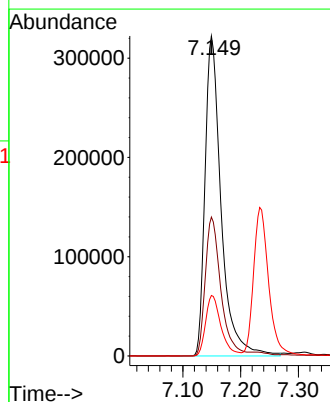
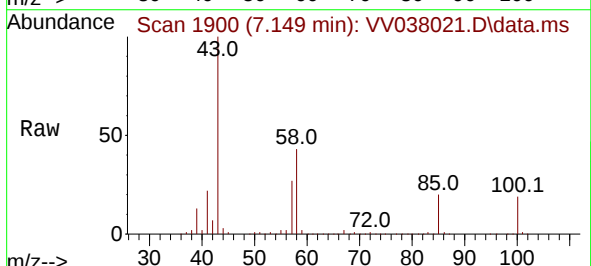
Instrument :
MSVOA_V
ClientSampleId :

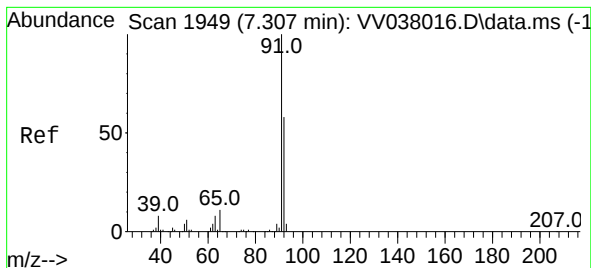
Tgt Ion: 75 Resp: 183723
Ion Ratio Lower Upper
75 100
77 31.8 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 44.847 ug/L
RT: 7.149 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion: 43 Resp: 624428
Ion Ratio Lower Upper
43 100
58 42.2 34.1 51.1
100 18.1 14.7 22.1





#42

Toluene

Concen: 5.005 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

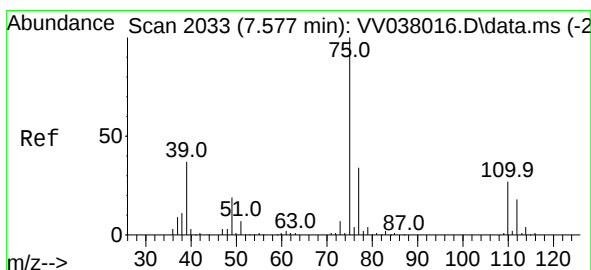
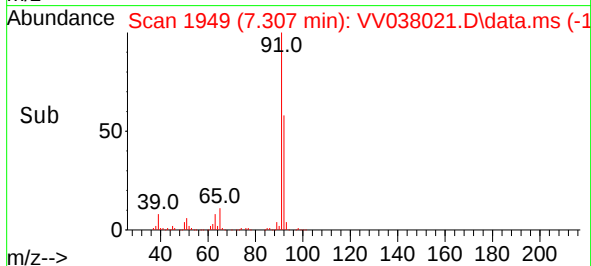
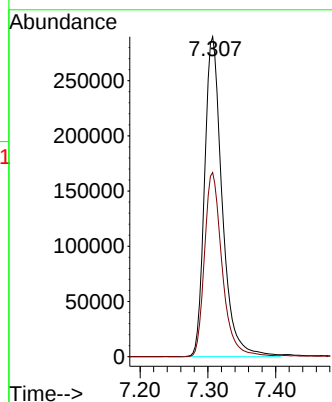
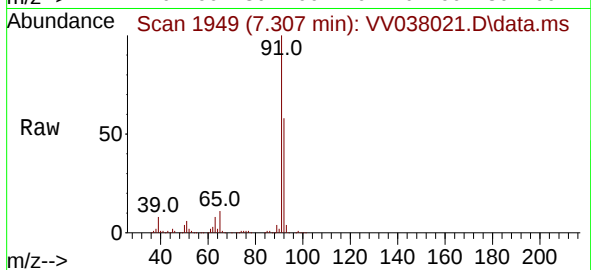
ClientSampleId :

Tgt Ion: 91 Resp: 523471

Ion Ratio Lower Upper

91 100

92 57.6 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.839 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038021.D

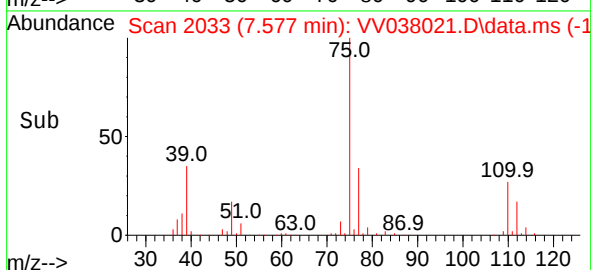
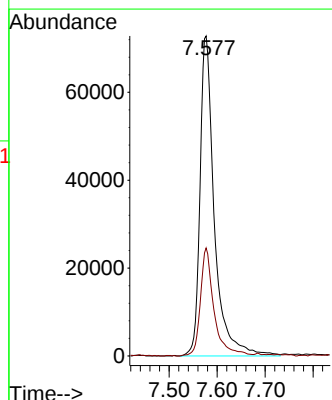
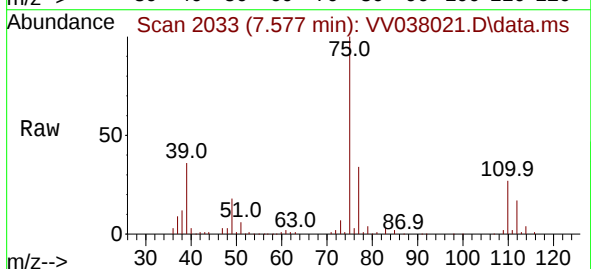
Acq: 12 Nov 2024 14:58

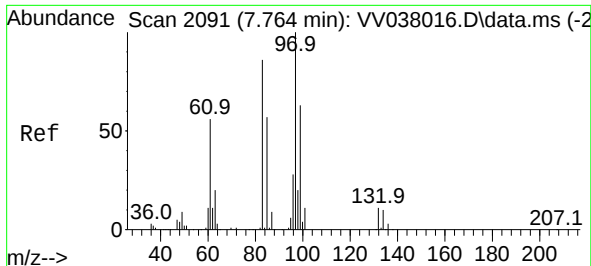
Tgt Ion: 75 Resp: 151666

Ion Ratio Lower Upper

75 100

77 33.8 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 4.544 ug/L

RT: 7.760 min Scan# 2091

Delta R.T. -0.003 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 90272

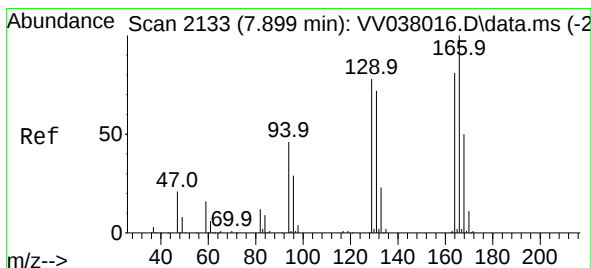
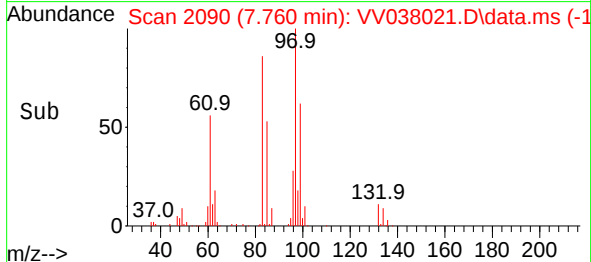
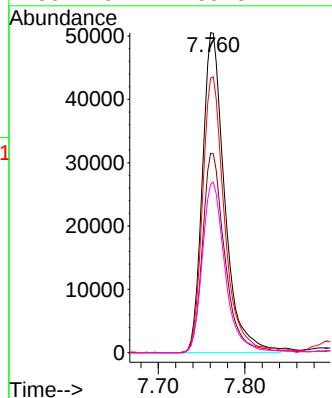
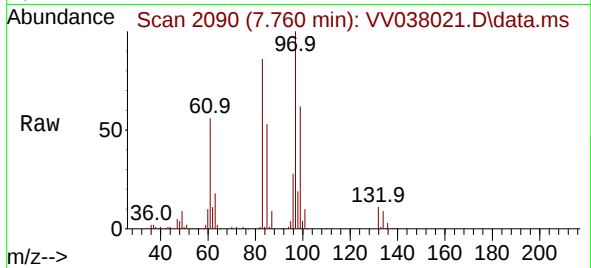
Ion Ratio Lower Upper

97 100

99 62.3 44.0 81.8

83 85.8 60.1 111.5

85 52.7 39.8 74.0



#47

Tetrachloroethene

Concen: 4.800 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Tgt Ion:164 Resp: 103084

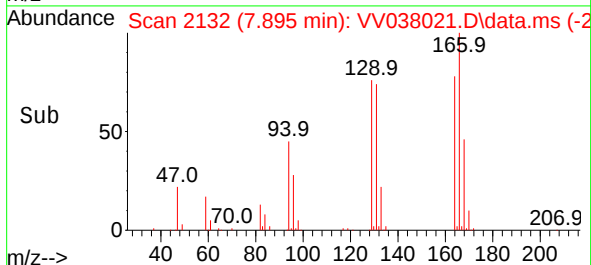
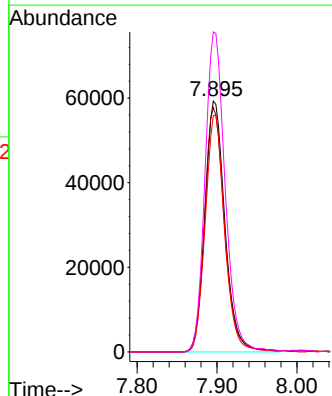
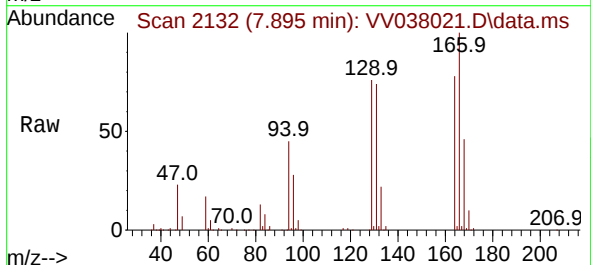
Ion Ratio Lower Upper

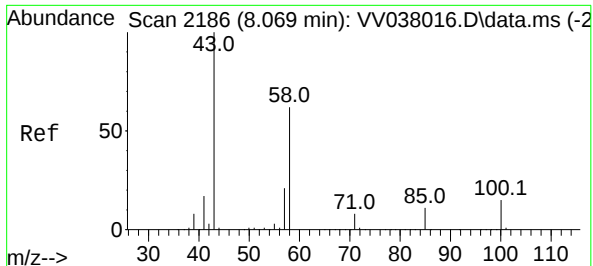
164 100

129 97.4 67.8 125.8

131 94.2 62.6 116.3

166 127.5 86.8 161.2





#48

2-Hexanone

Concen: 45.872 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.000 min

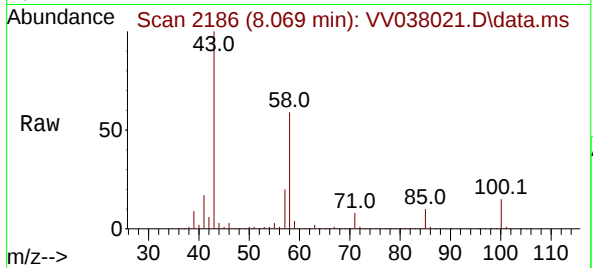
Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 459510

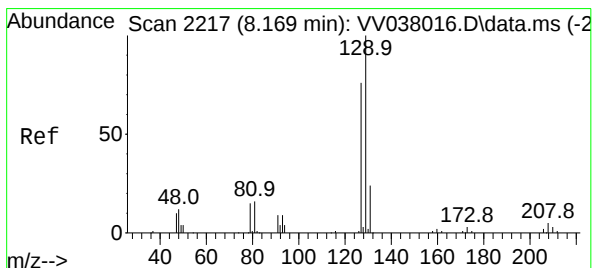
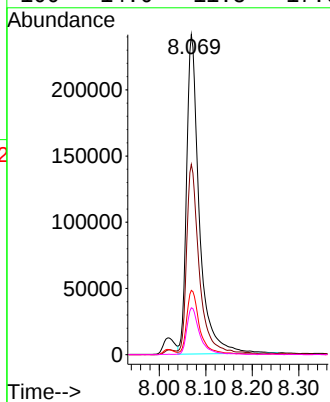
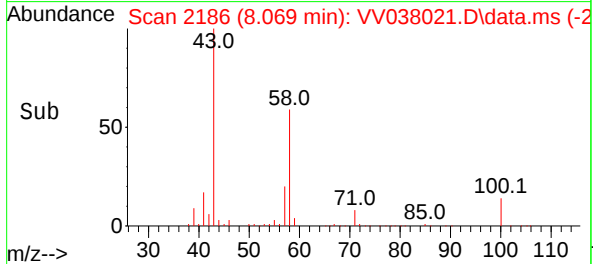
Ion Ratio Lower Upper

43 100

58 57.4 48.9 73.3

57 19.8 16.6 24.8

100 14.6 11.8 17.6



#49

Dibromochloromethane

Concen: 4.731 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV038021.D

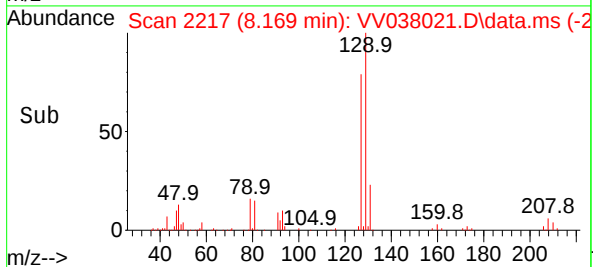
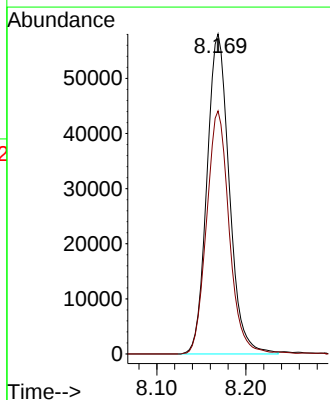
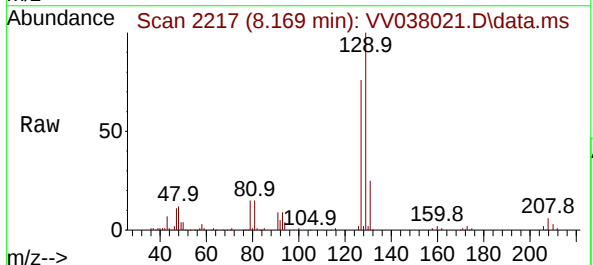
Acq: 12 Nov 2024 14:58

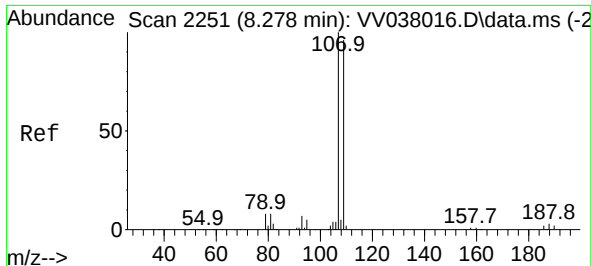
Tgt Ion: 129 Resp: 101324

Ion Ratio Lower Upper

129 100

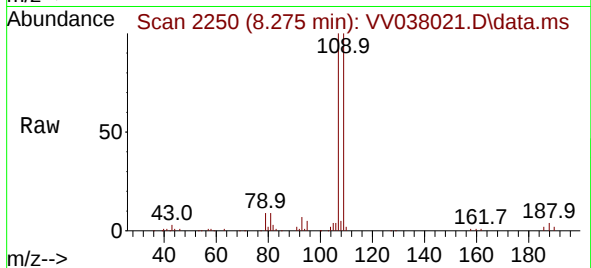
127 75.9 53.3 99.1



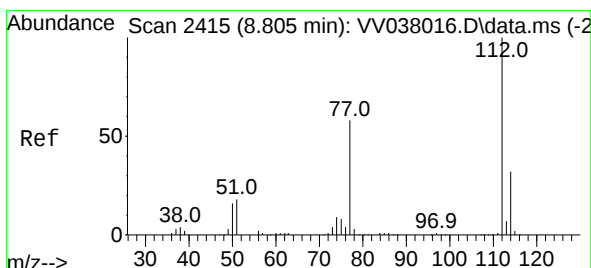
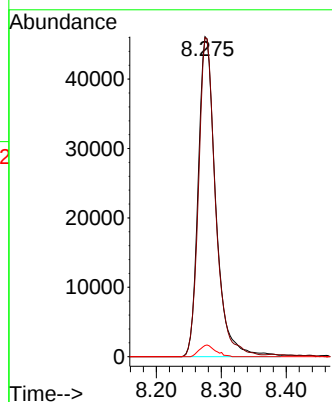
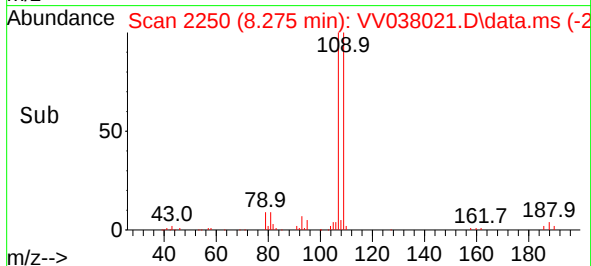


#50
1,2-Dibromoethane
Concen: 4.596 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Instrument :
MSVOA_V
ClientSampleId :

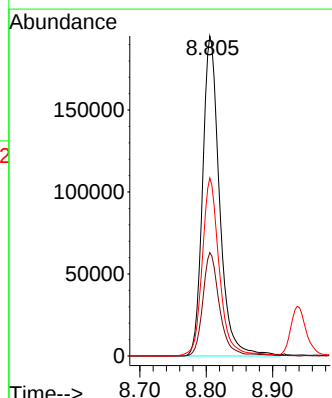
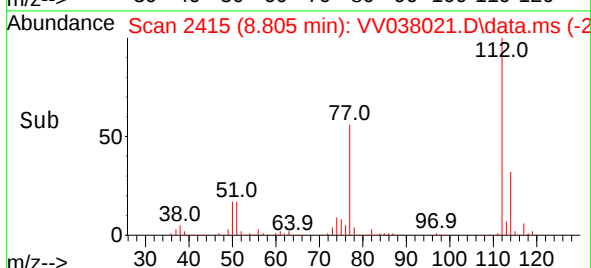
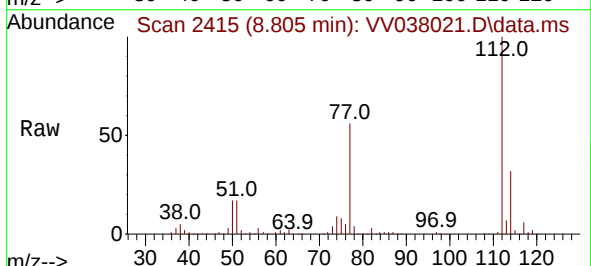


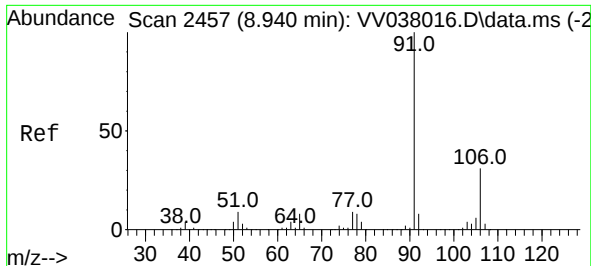
Tgt Ion:107 Resp: 86677
Ion Ratio Lower Upper
107 100
109 99.7 67.1 124.7
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 4.849 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion:112 Resp: 345506
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 55.6 46.5 69.7

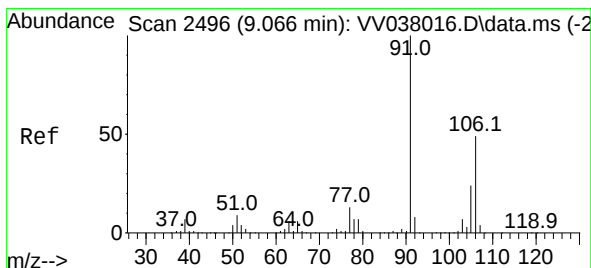
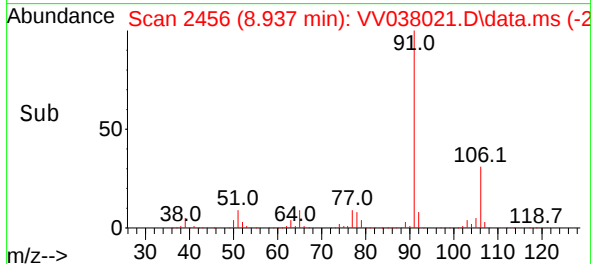
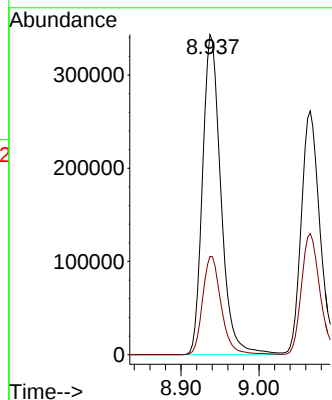
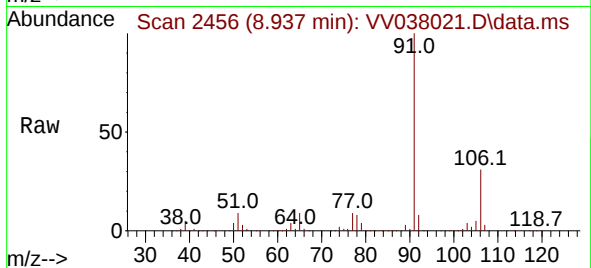




#52
Ethylbenzene
Concen: 4.949 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

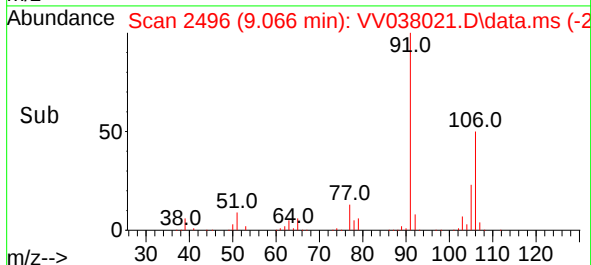
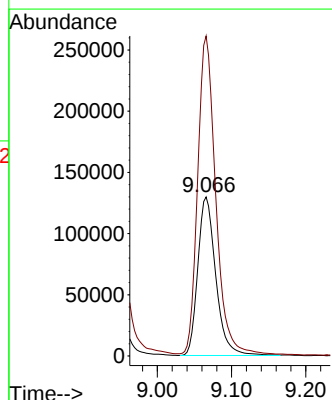
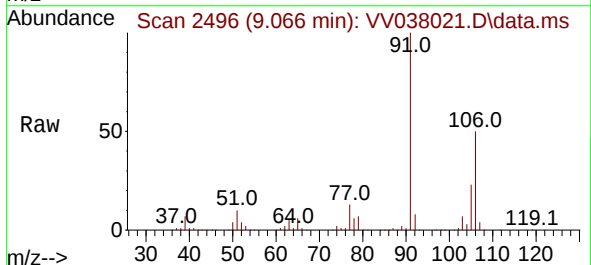
Instrument :
MSVOA_V
ClientSampleId :

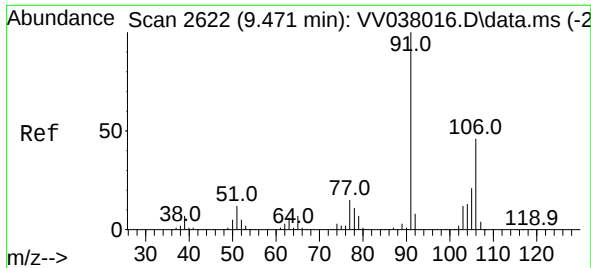
Tgt Ion: 91 Resp: 562203
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0



#53
m,p-Xylene
Concen: 5.111 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion: 106 Resp: 218910
Ion Ratio Lower Upper
106 100
91 201.3 142.7 264.9

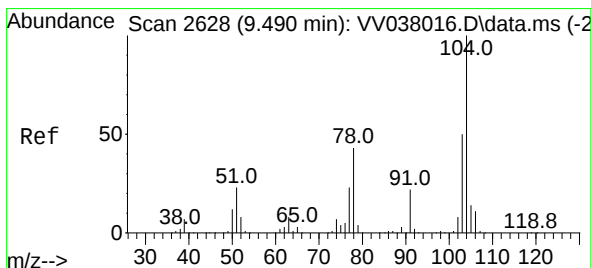
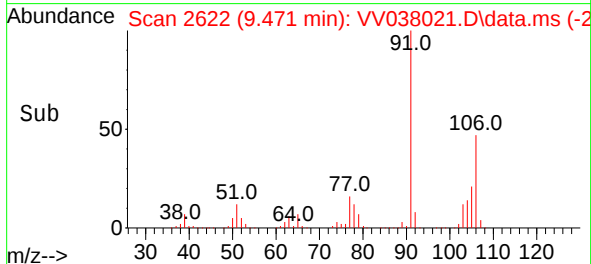
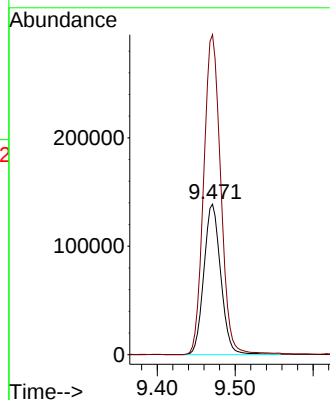
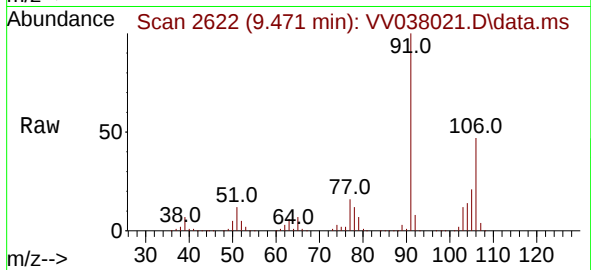




#54
o-Xylene
Concen: 5.056 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

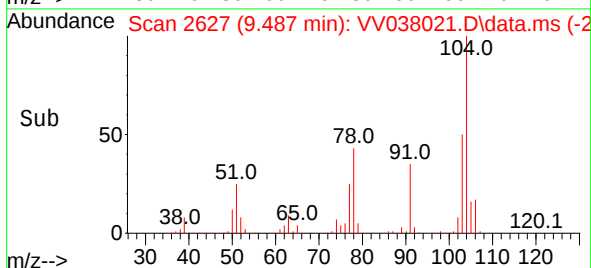
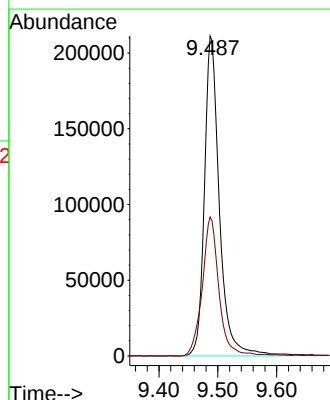
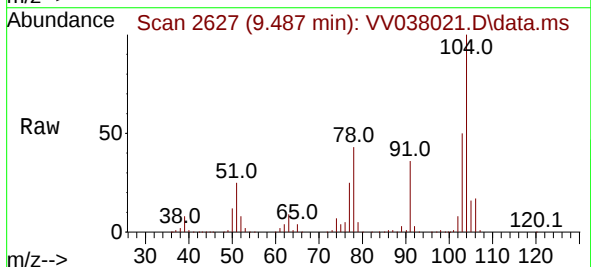
Instrument :
MSVOA_V
ClientSampleId :

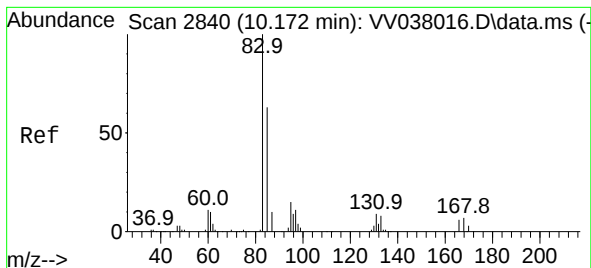
Tgt Ion:106 Resp: 209596
Ion Ratio Lower Upper
106 100
91 212.4 151.0 280.4



#55
Styrene
Concen: 5.164 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion:104 Resp: 372824
Ion Ratio Lower Upper
104 100
78 43.4 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.541 ug/L

RT: 10.169 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

ClientSampleId :

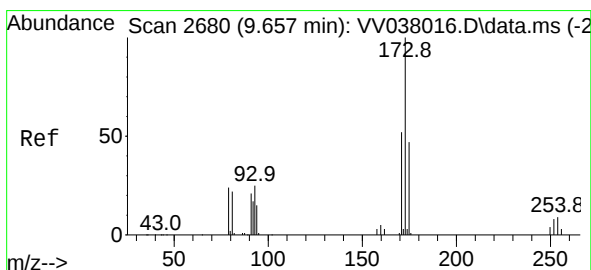
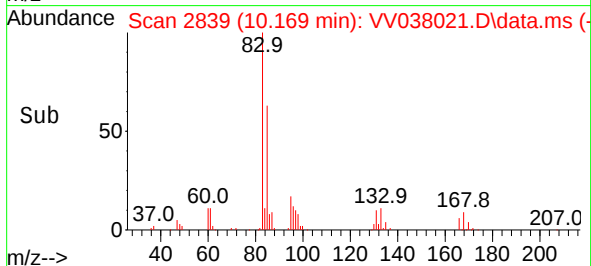
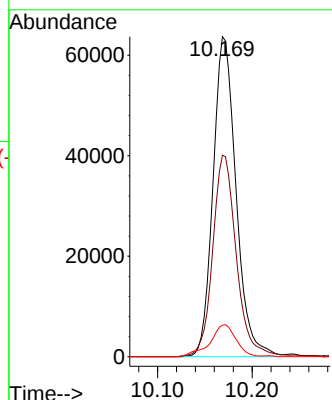
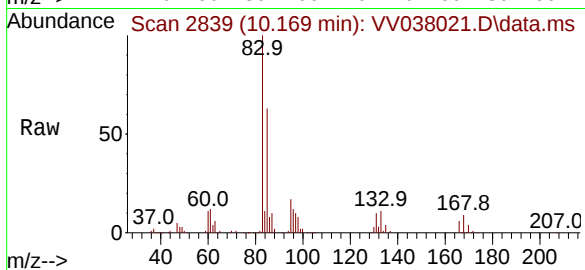
Tgt Ion: 83 Resp: 107675

Ion Ratio Lower Upper

83 100

85 63.0 44.4 82.4

131 9.8 7.8 11.6



#59

Bromoform

Concen: 4.756 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

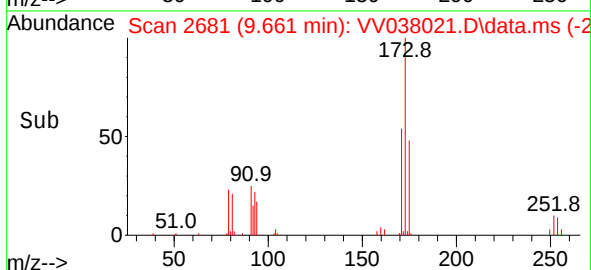
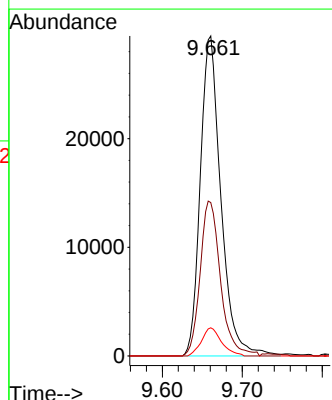
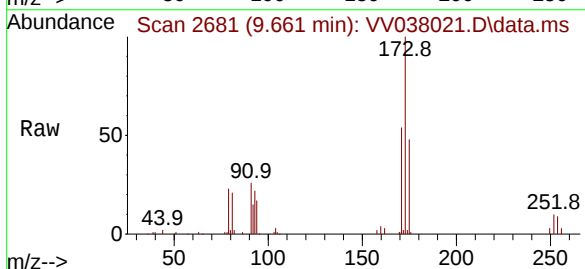
Tgt Ion: 173 Resp: 52774

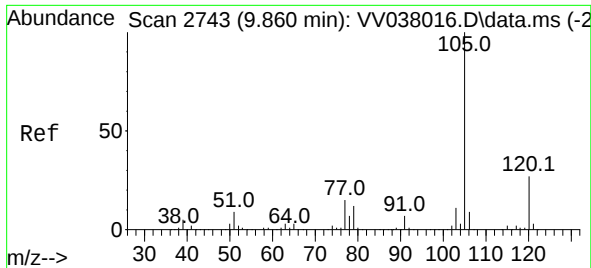
Ion Ratio Lower Upper

173 100

175 47.8 39.3 58.9

254 8.6 7.5 11.3

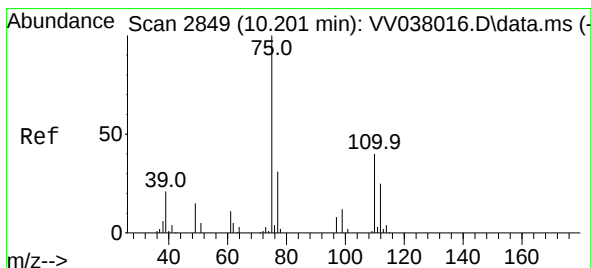
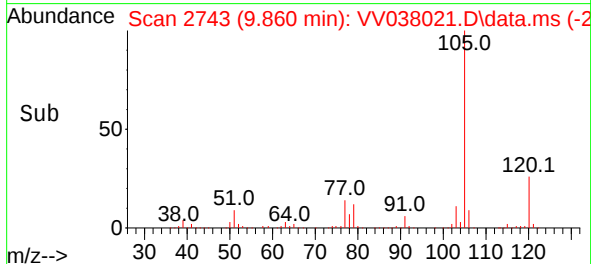
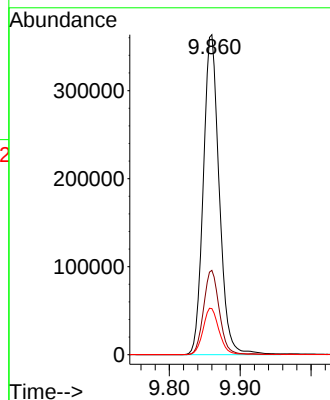
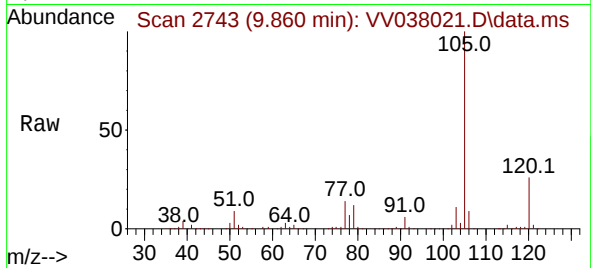




#60
Isopropylbenzene
Concen: 5.042 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

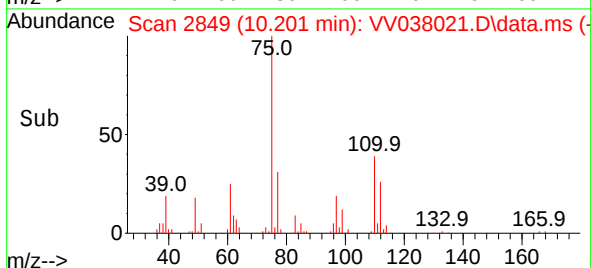
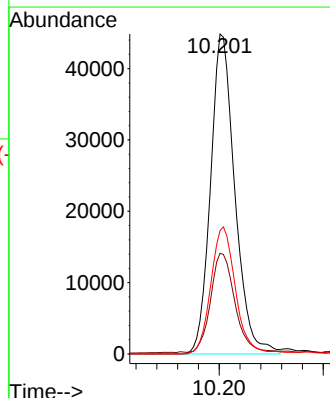
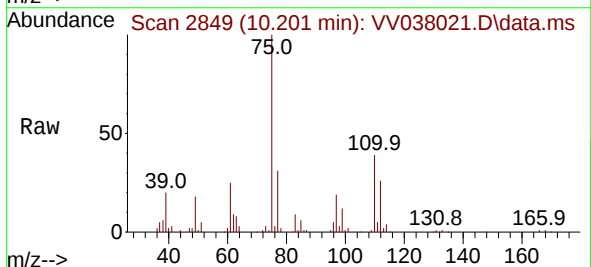
Instrument :
MSVOA_V
ClientSampleId :

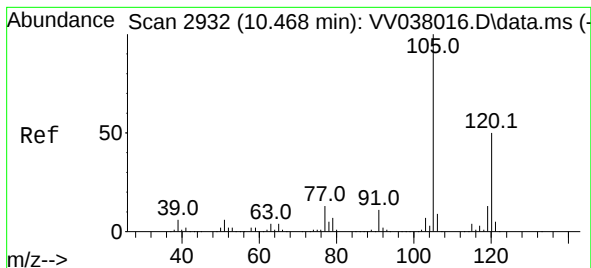
Tgt Ion:105 Resp: 567657
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 14.5 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 4.425 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038021.D
Acq: 12 Nov 2024 14:58

Tgt Ion: 75 Resp: 72966
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
110 40.2 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 5.004 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

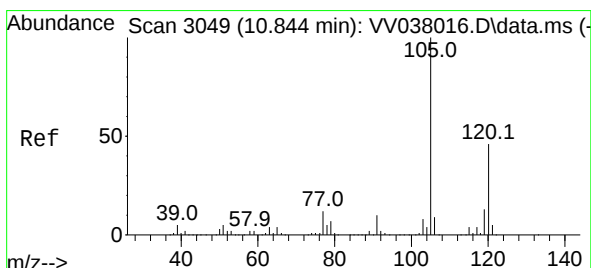
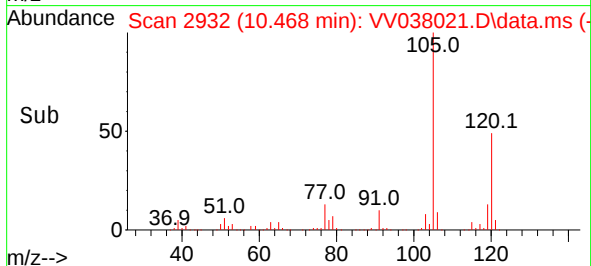
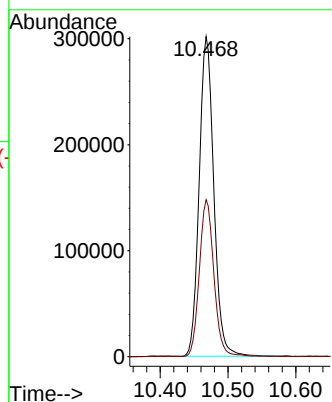
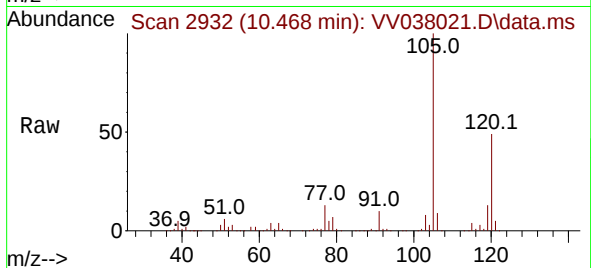
ClientSampleId :

Tgt Ion:105 Resp: 451238

Ion Ratio Lower Upper

105 100

120 48.9 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 5.068 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV038021.D

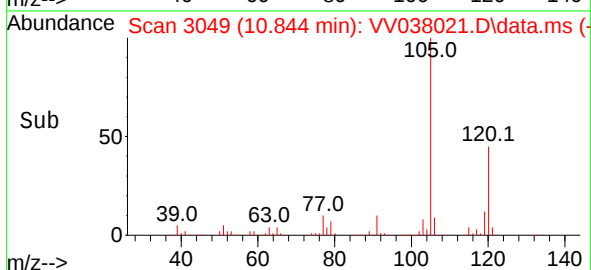
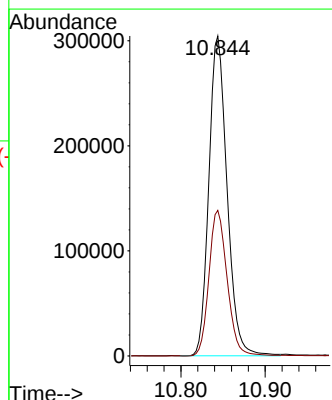
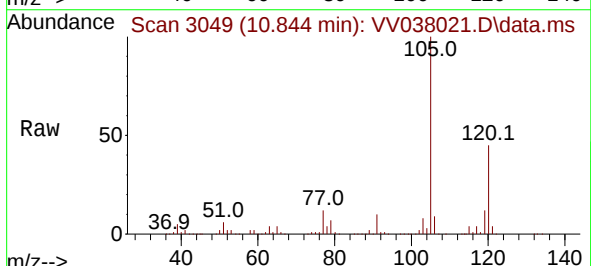
Acq: 12 Nov 2024 14:58

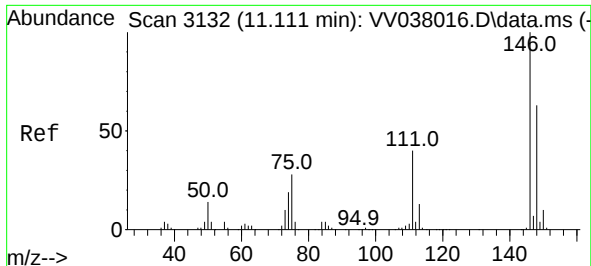
Tgt Ion:105 Resp: 457893

Ion Ratio Lower Upper

105 100

120 45.8 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 4.853 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

ClientSampleId :

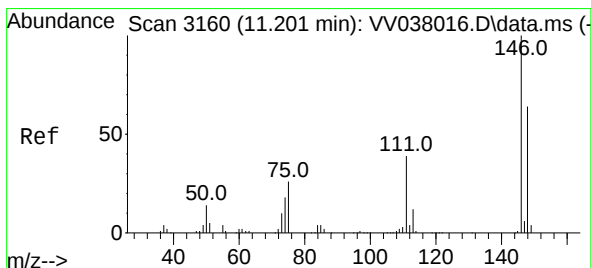
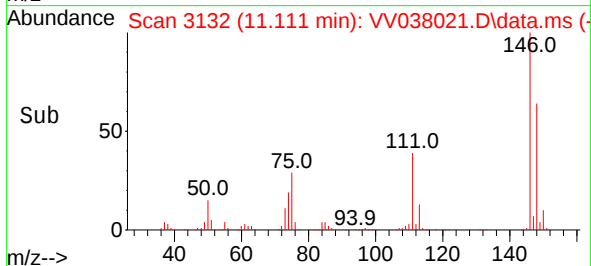
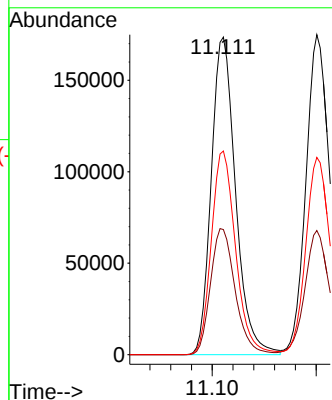
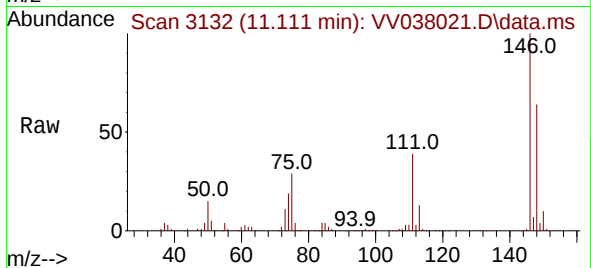
Tgt Ion:146 Resp: 281826

Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.4

148 64.2 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 4.842 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

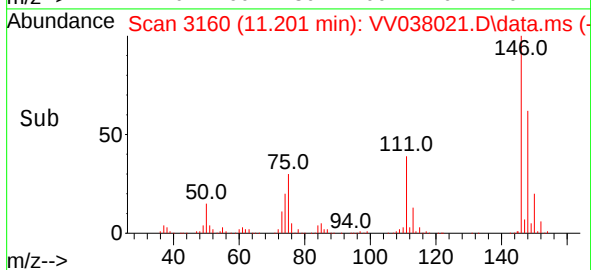
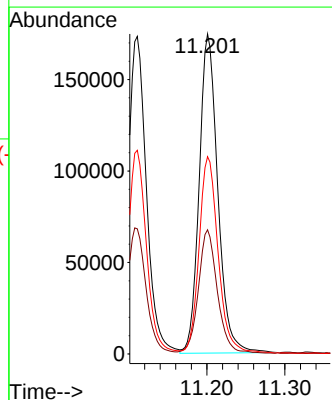
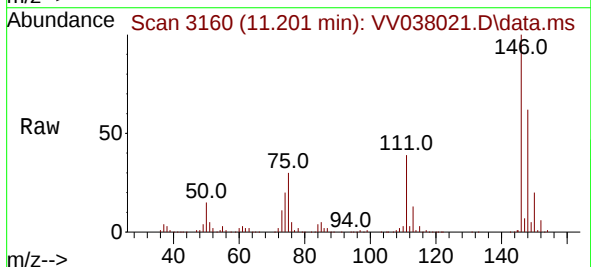
Tgt Ion:146 Resp: 289322

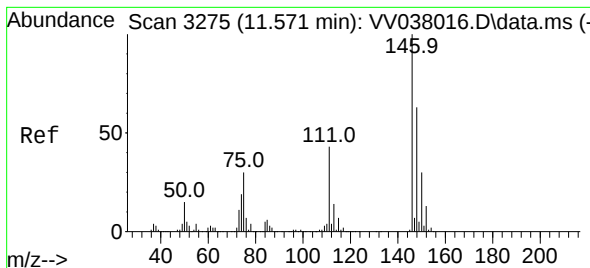
Ion Ratio Lower Upper

146 100

111 38.8 27.8 51.6

148 61.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.765 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

ClientSampleId :

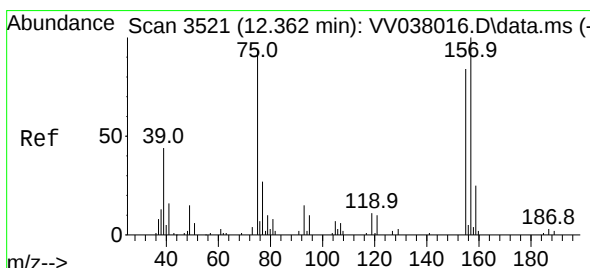
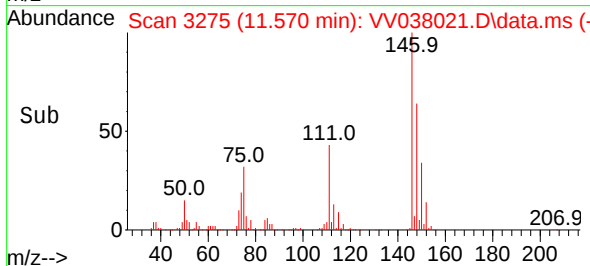
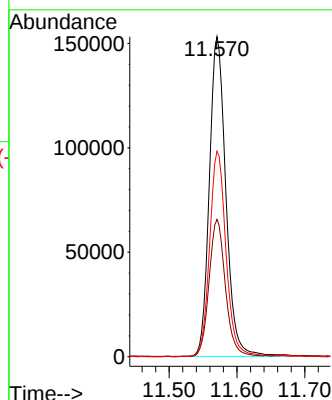
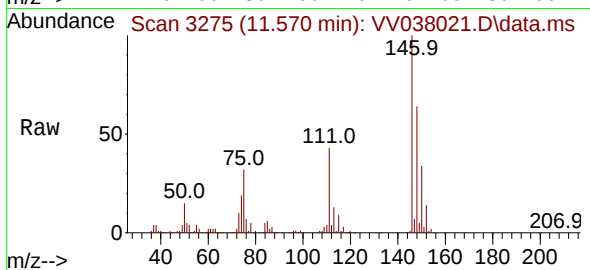
Tgt Ion:146 Resp: 258798

Ion Ratio Lower Upper

146 100

111 42.9 34.5 51.7

148 64.2 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.354 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

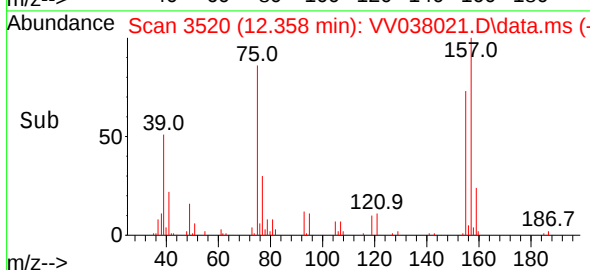
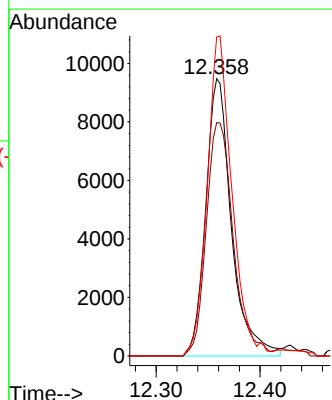
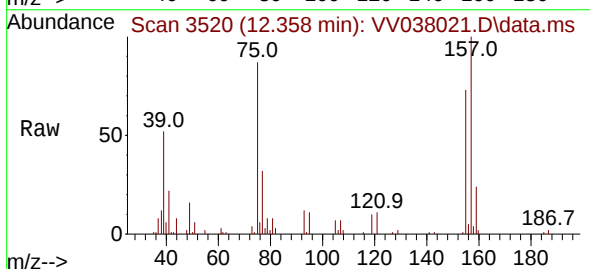
Tgt Ion: 75 Resp: 16274

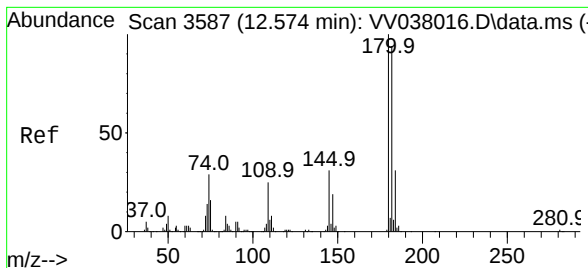
Ion Ratio Lower Upper

75 100

155 84.1 72.0 108.0

157 115.0 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 4.680 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

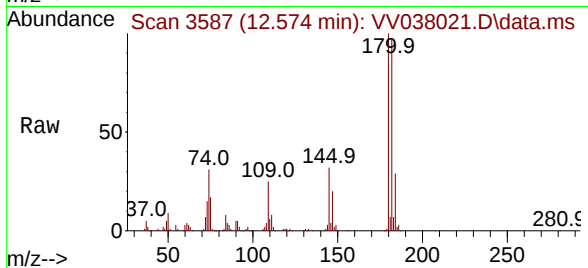
Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 199893

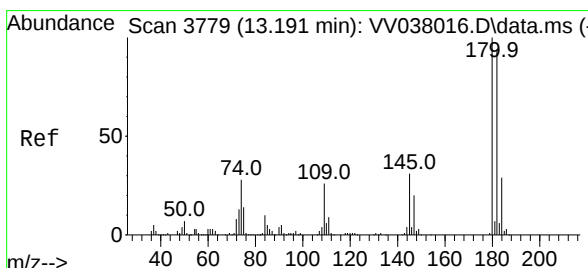
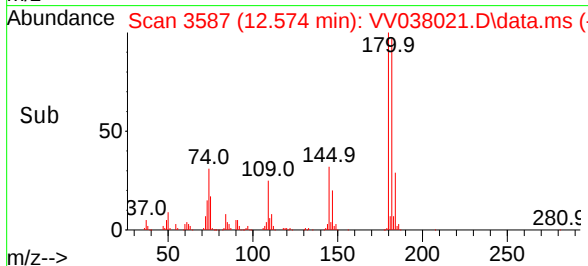
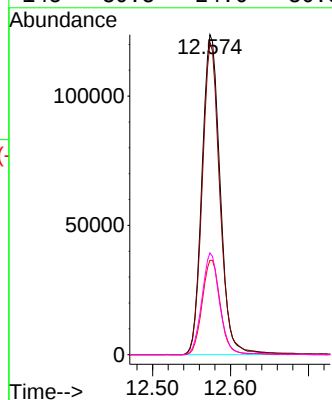
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

184 29.3 24.2 36.2

145 30.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.696 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

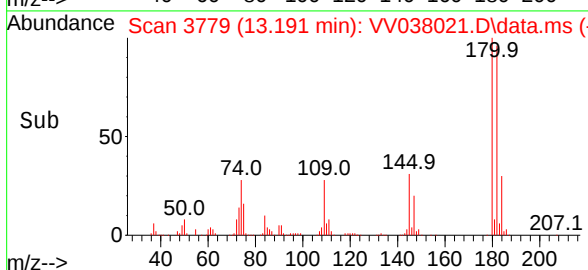
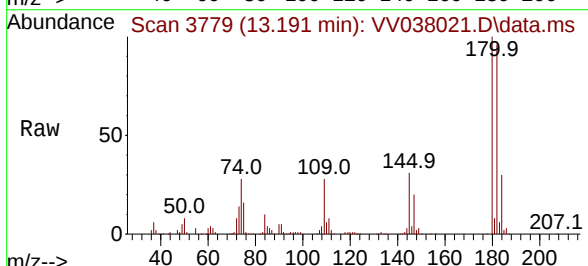
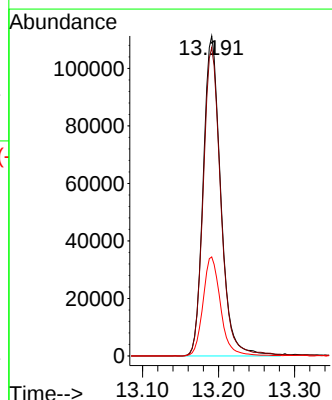
Tgt Ion:180 Resp: 178094

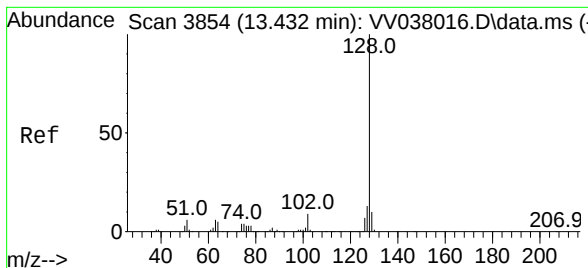
Ion Ratio Lower Upper

180 100

182 95.6 74.6 112.0

145 31.1 24.8 37.2





#71

Naphthalene

Concen: 4.152 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Instrument :

MSVOA_V

ClientSampleId :

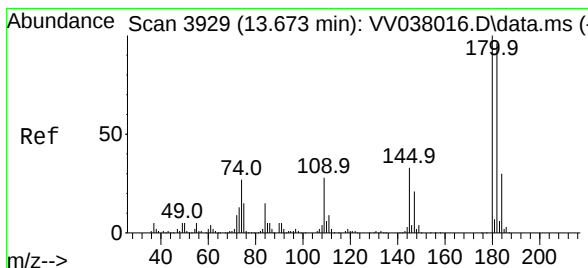
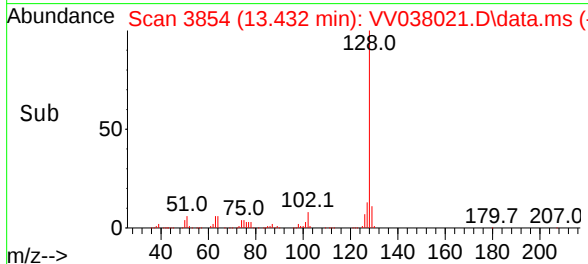
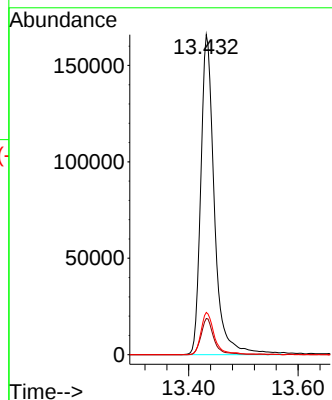
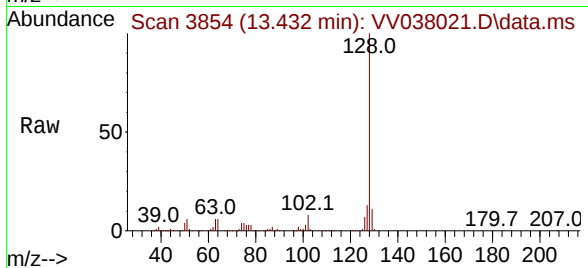
Tgt Ion:128 Resp: 286638

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.9 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 4.565 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV038021.D

Acq: 12 Nov 2024 14:58

Tgt Ion:180 Resp: 163400

Ion Ratio Lower Upper

180 100

182 96.2 76.6 114.8

145 34.4 26.2 39.2

