

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038230.D
 Acq On : 21 Nov 2024 10:44
 Operator : SY/MD
 Sample : P4883-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:42:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	253344	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	276585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	115990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	72887	3.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.529	69	73886	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.053	65	34543	4.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.786	46	183515	47.242	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.480%
24) Chloroform-d	4.239	84	169515	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	4.937	65	88160	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.950	84	306133	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.982	67	101252	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.236	98	239383	3.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.554	79	32210	3.939	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.021	63	162768	51.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85876	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	98559	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	6118	0.322	ug/L	87
13) Acetone	1.873	43	524758	182.651	ug/L	41
16) Methylene chloride	2.442	84	24212	1.173	ug/L	99
25) Chloroform	4.272	83	10910	0.295	ug/L	89
29) 1,1,1-Trichloroethane	4.506	97	37960	1.144	ug/L	99
31) Carbon tetrachloride	4.497	117	5140	0.176	ug/L	99
34) Trichloroethene	5.841	95	10541	0.498	ug/L	97
35) Methylcyclohexane	5.982	83	24568	0.820	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	11371	0.584	ug/L #	86
38) Bromodichloromethane	6.439	83	3428	0.131	ug/L	88
42) Toluene	7.320	91	23986	0.292	ug/L	91
47) Tetrachloroethene	7.898	164	42254	2.483	ug/L	96
49) Dibromochloromethane	8.178	129	2054	0.119	ug/L	94
51) Chlorobenzene	8.818	112	12789	0.226	ug/L	97
52) Ethylbenzene	8.956	91	6942	0.080	ug/L	94
53) m,p-Xylene	9.078	106	5030	0.153	ug/L	85
61) 1,2,3-Trichloropropane	11.178	75	13570	1.366	ug/L #	64
67) 1,2-Dichlorobenzene	11.574	146	6510	0.196	ug/L #	93

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QLast Update : Fri Nov 22 01:41:27 2024
Response via : Initial Calibration

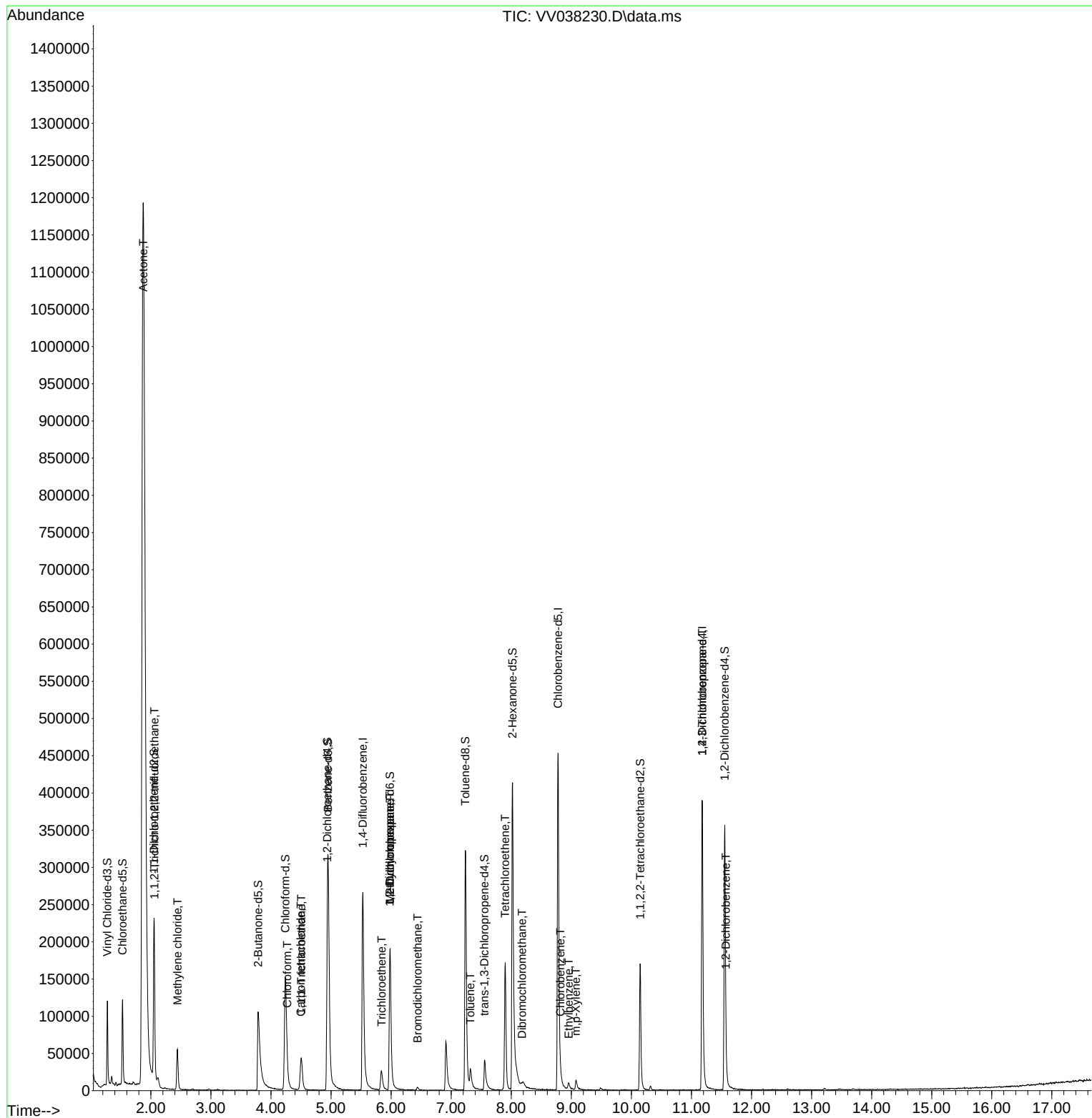
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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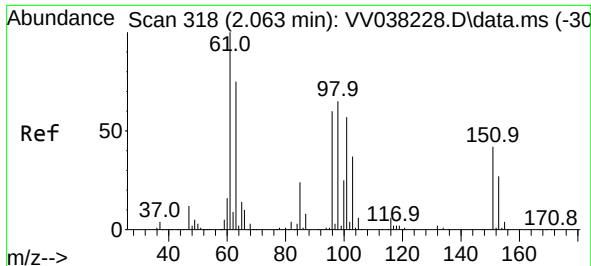
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.322 ug/L

RT: 2.059 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV038230.D

Acq: 21 Nov 2024 10:44

Instrument :

MSVOA_V

ClientSampleId :

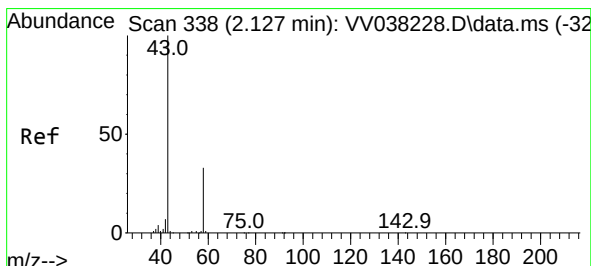
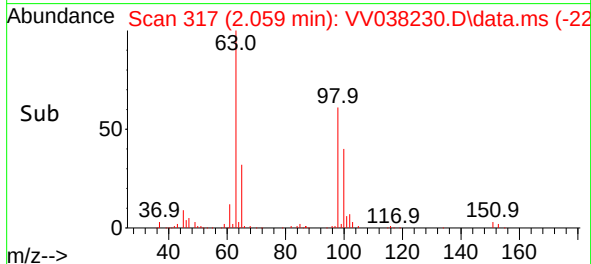
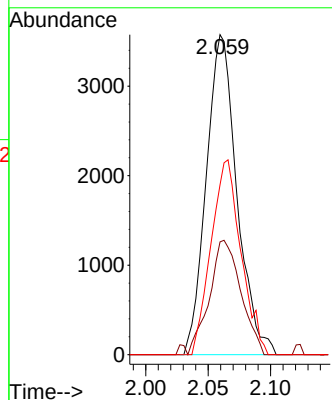
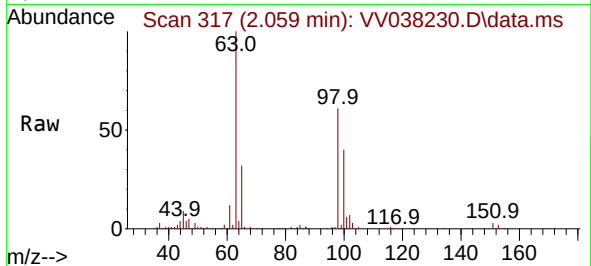
Tgt Ion:101 Resp: 6118

Ion Ratio Lower Upper

101 100

85 37.5 33.4 50.0

151 59.6 58.8 88.2



#13

Acetone

Concen: 182.651 ug/L

RT: 1.873 min Scan# 259

Delta R.T. -0.254 min

Lab File: VV038230.D

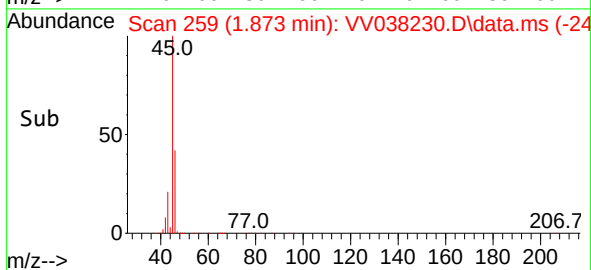
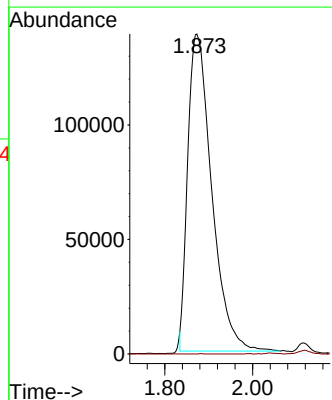
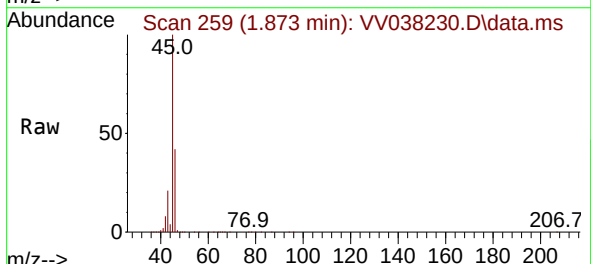
Acq: 21 Nov 2024 10:44

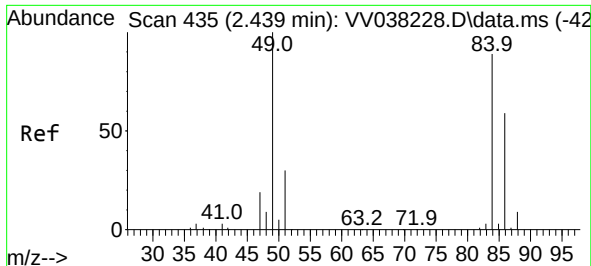
Tgt Ion: 43 Resp: 524758

Ion Ratio Lower Upper

43 100

58 0.0 0.0 67.2

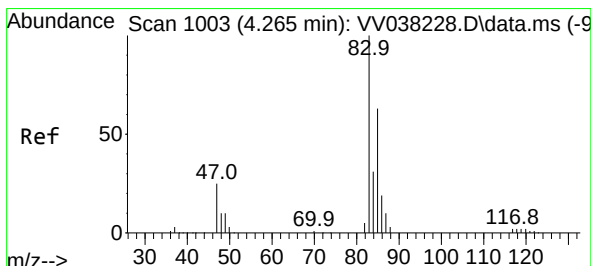
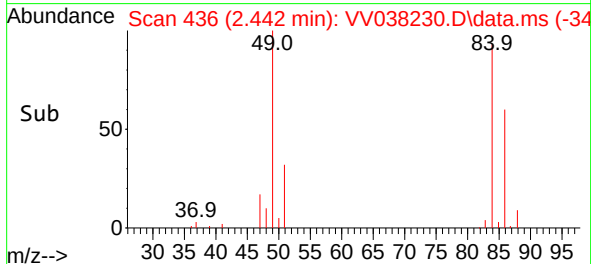
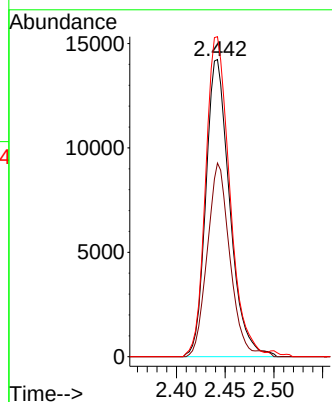
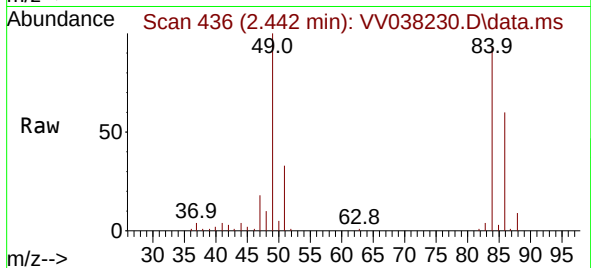




#16
Methylene chloride
Concen: 1.173 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

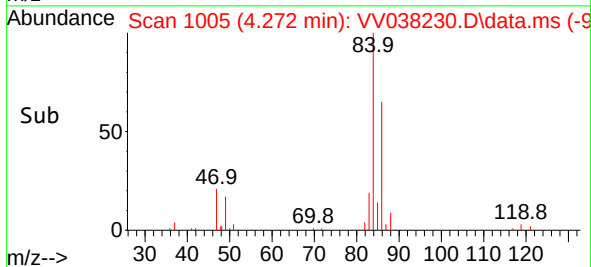
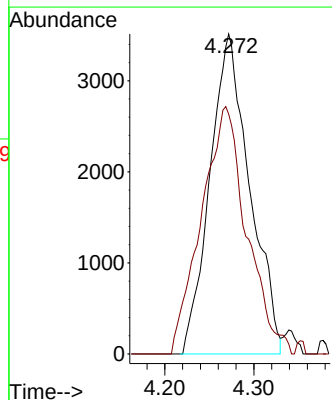
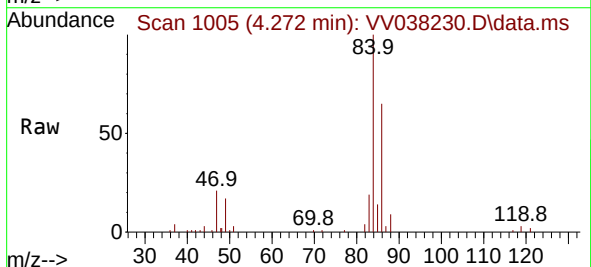
Instrument :
MSVOA_V
ClientSampleId :

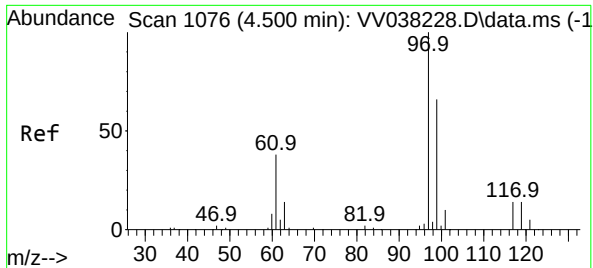
Tgt Ion: 84 Resp: 24212
Ion Ratio Lower Upper
84 100
86 65.1 44.2 82.2
49 107.7 74.9 139.1



#25
Chloroform
Concen: 0.295 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

Tgt Ion: 83 Resp: 10910
Ion Ratio Lower Upper
83 100
85 75.0 46.5 86.3

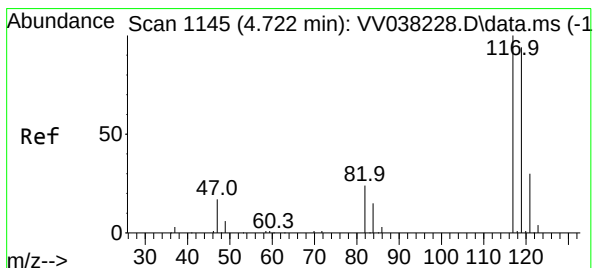
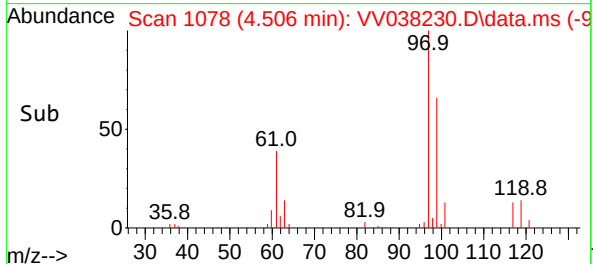
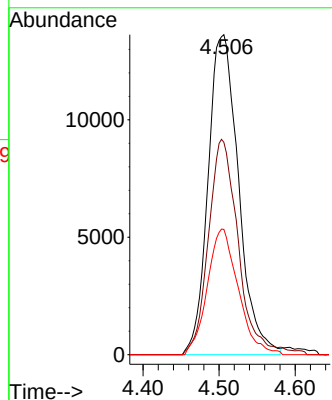
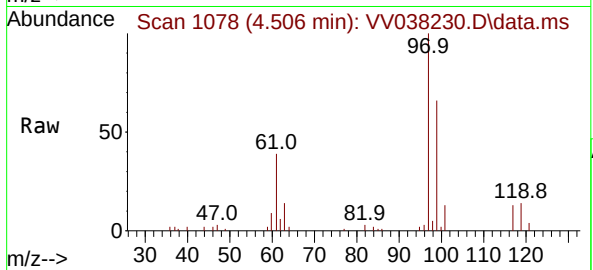




#29
1,1,1-Trichloroethane
Concen: 1.144 ug/L
RT: 4.506 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

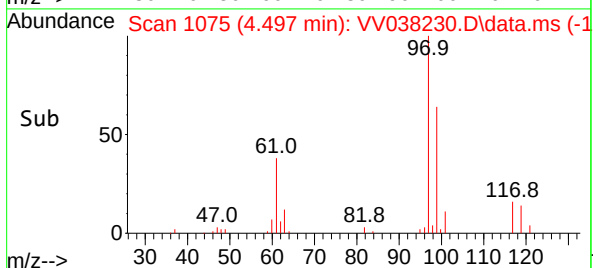
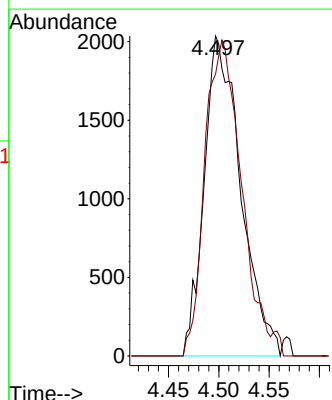
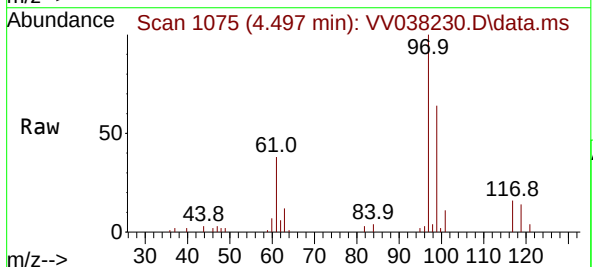
Instrument :
MSVOA_V
ClientSampleId :

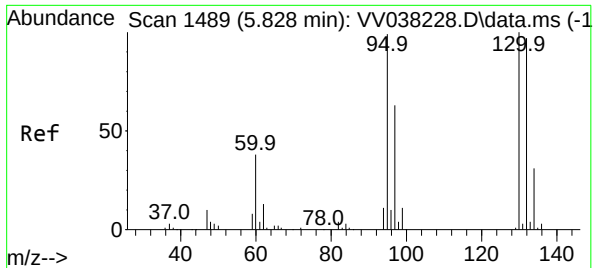
Tgt Ion: 97 Resp: 37960
Ion Ratio Lower Upper
97 100
99 66.1 51.8 77.8
61 39.8 32.2 48.2



#31
Carbon tetrachloride
Concen: 0.176 ug/L
RT: 4.497 min Scan# 1075
Delta R.T. -0.225 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

Tgt Ion: 117 Resp: 5140
Ion Ratio Lower Upper
117 100
119 98.0 77.4 116.2





#34

Trichloroethene

Concen: 0.498 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.013 min

Lab File: VV038230.D

Acq: 21 Nov 2024 10:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 10541

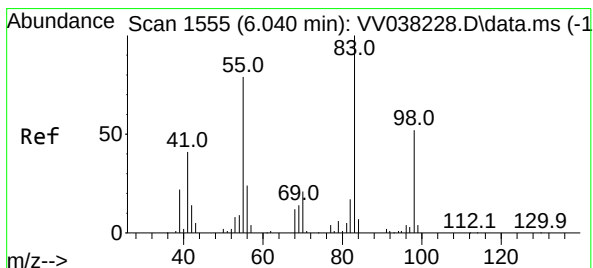
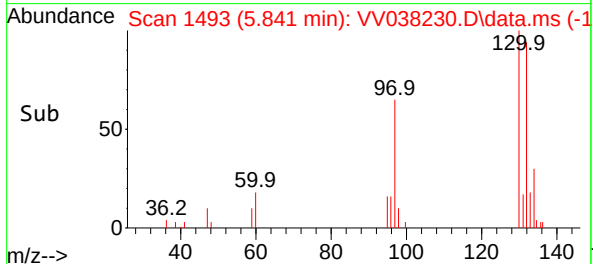
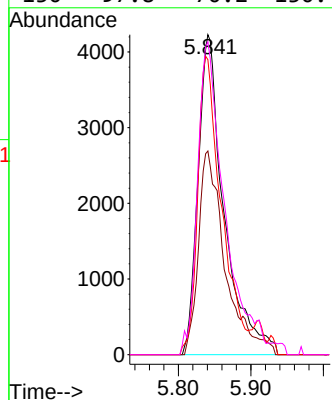
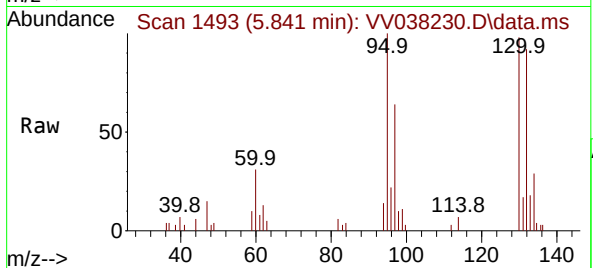
Ion Ratio Lower Upper

95 100

97 63.7 44.8 83.2

132 92.2 68.3 126.8

130 97.8 70.2 130.4



#35

Methylcyclohexane

Concen: 0.820 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038230.D

Acq: 21 Nov 2024 10:44

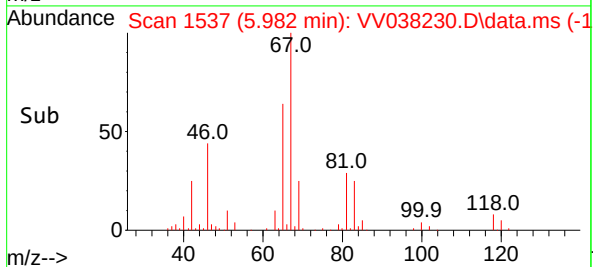
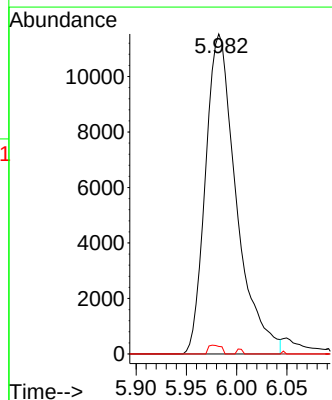
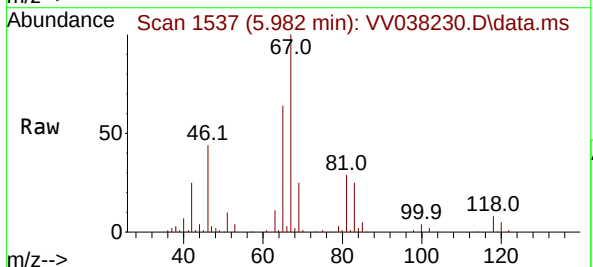
Tgt Ion: 83 Resp: 24568

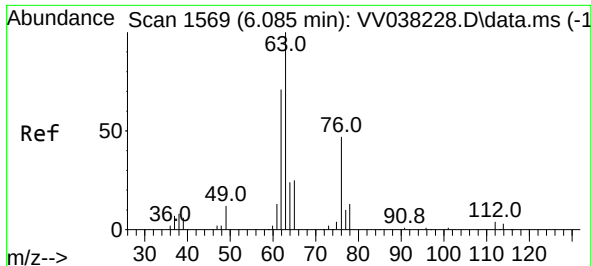
Ion Ratio Lower Upper

83 100

55 0.0 59.7 89.5#

98 1.1 39.0 58.4#

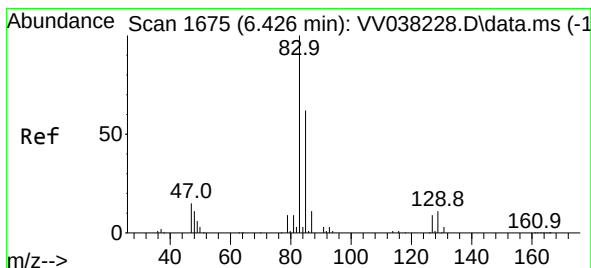
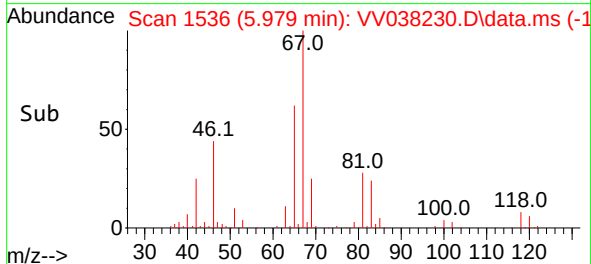
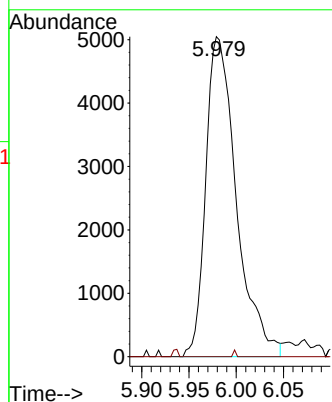
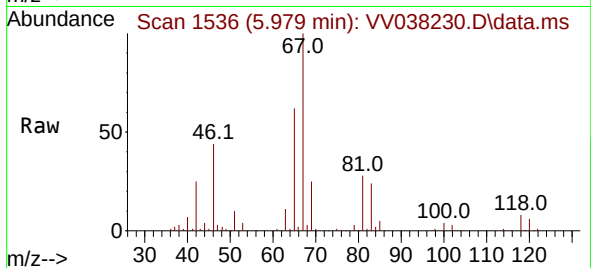




#37
 1,2-Dichloropropane
 Concen: 0.584 ug/L
 RT: 5.979 min Scan# 11
 Delta R.T. -0.106 min
 Lab File: VV038230.D
 Acq: 21 Nov 2024 10:44

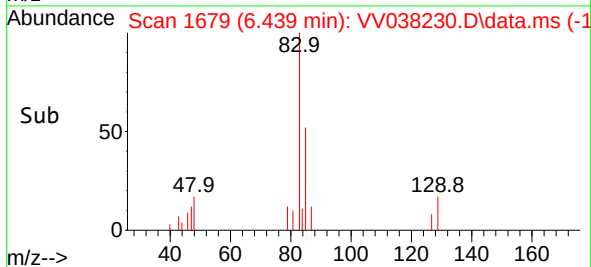
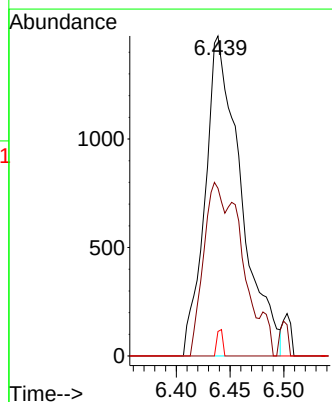
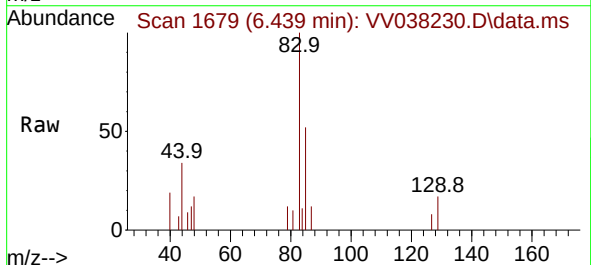
Instrument :
 MSVOA_V
 ClientSampleId :

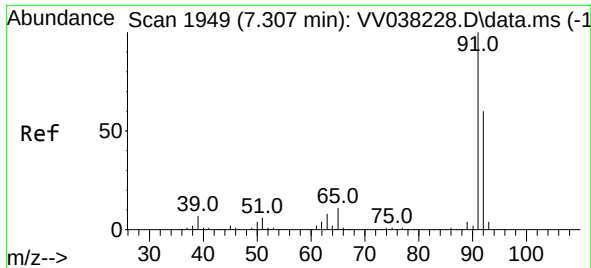
Tgt Ion: 63 Resp: 11371
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.9 5.9#



#38
 Bromodichloromethane
 Concen: 0.131 ug/L
 RT: 6.439 min Scan# 1679
 Delta R.T. 0.013 min
 Lab File: VV038230.D
 Acq: 21 Nov 2024 10:44

Tgt Ion: 83 Resp: 3428
 Ion Ratio Lower Upper
 83 100
 85 52.4 43.9 81.5
 127 7.7 6.7 10.1





#42

Toluene

Concen: 0.292 ug/L

RT: 7.320 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VV038230.D

Acq: 21 Nov 2024 10:44

Instrument :

MSVOA_V

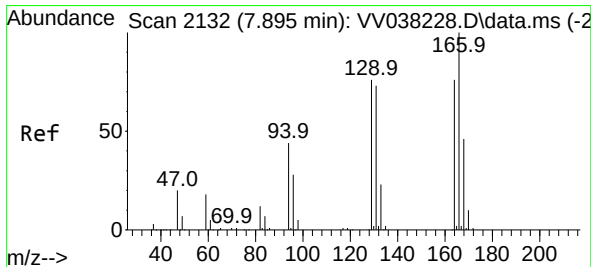
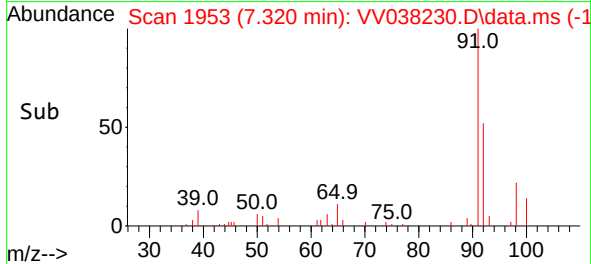
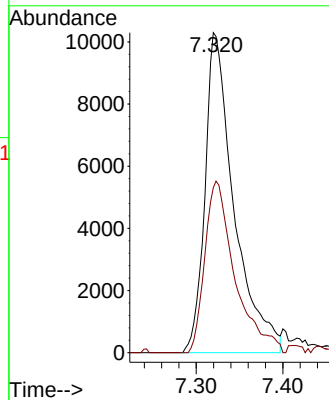
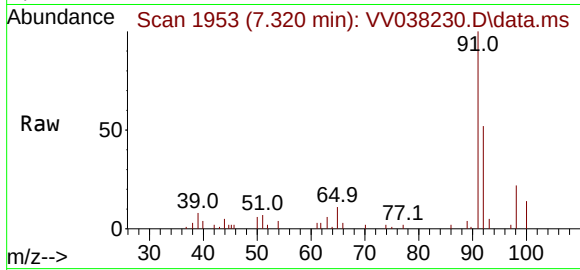
ClientSampleId :

Tgt Ion: 91 Resp: 23986

Ion Ratio Lower Upper

91 100

92 51.6 40.8 75.8



#47

Tetrachloroethene

Concen: 2.483 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038230.D

Acq: 21 Nov 2024 10:44

Tgt Ion: 164 Resp: 42254

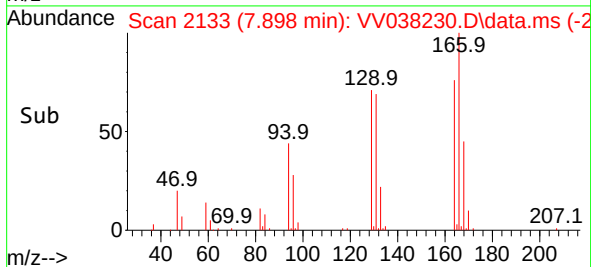
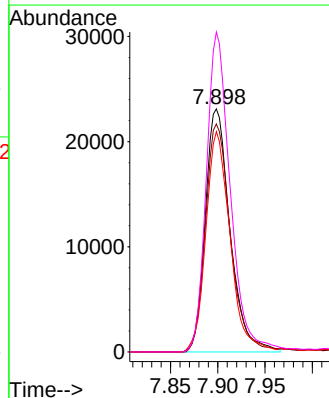
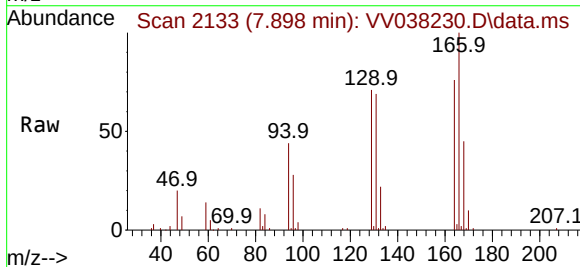
Ion Ratio Lower Upper

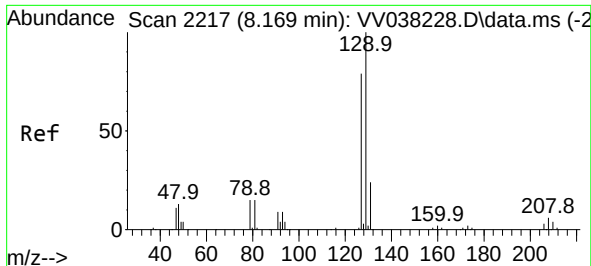
164 100

129 93.8 68.5 127.1

131 90.7 64.8 120.4

166 131.7 88.3 163.9

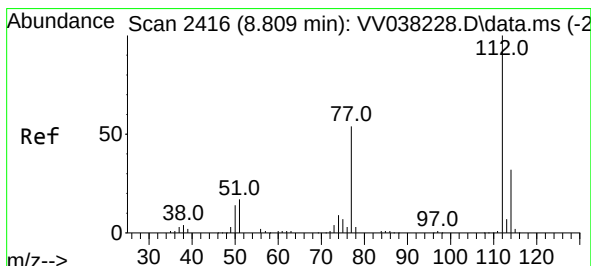
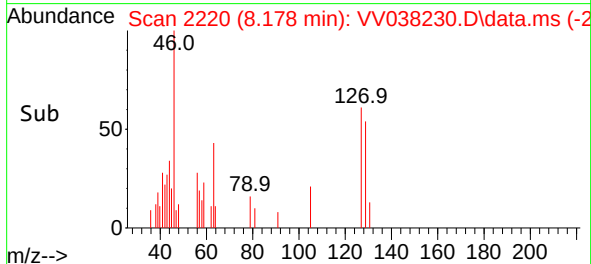
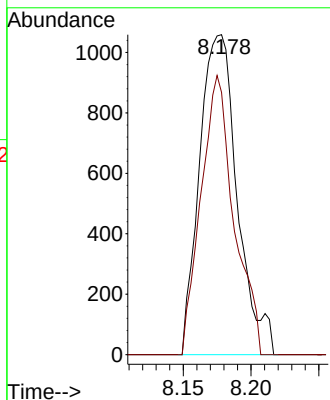
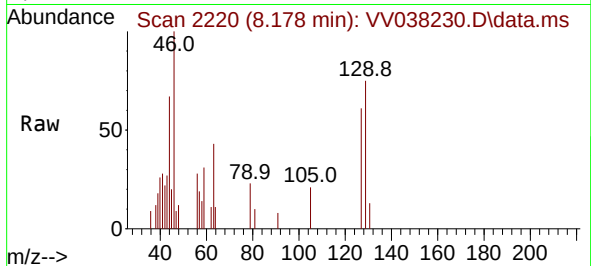




#49
Dibromochloromethane
Concen: 0.119 ug/L
RT: 8.178 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

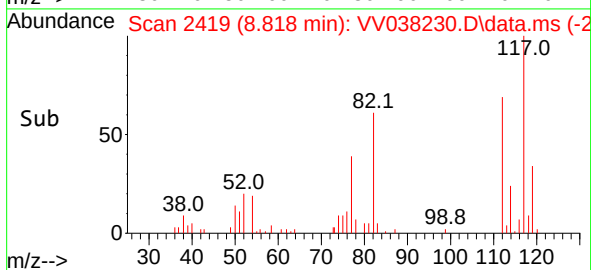
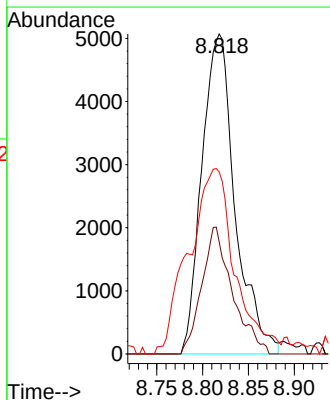
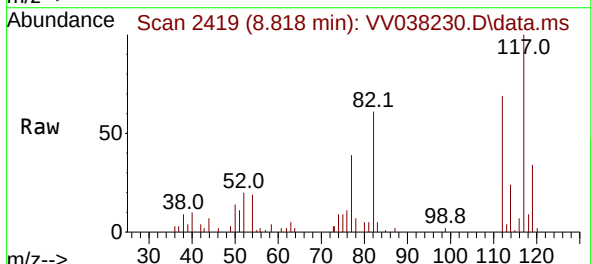
Instrument :
MSVOA_V
ClientSampleId :

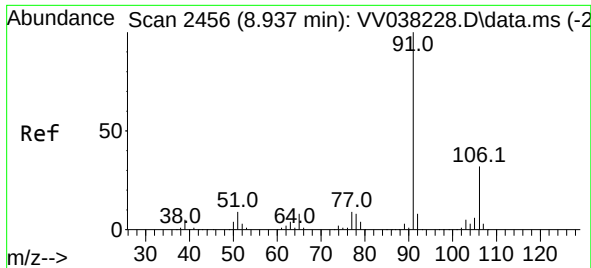
Tgt Ion:129 Resp: 2054
Ion Ratio Lower Upper
129 100
127 82.0 53.5 99.3



#51
Chlorobenzene
Concen: 0.226 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.009 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

Tgt Ion:112 Resp: 12789
Ion Ratio Lower Upper
112 100
114 35.0 22.0 40.8
77 56.9 45.0 67.4

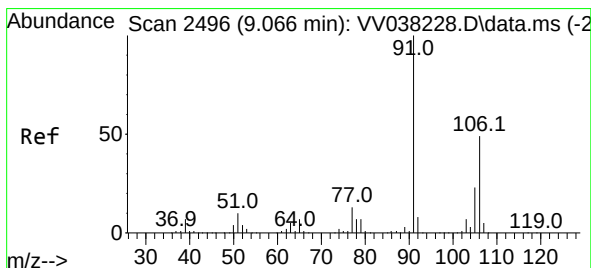
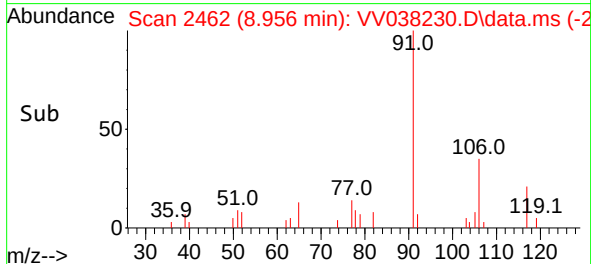
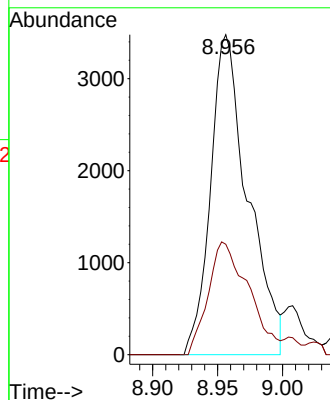
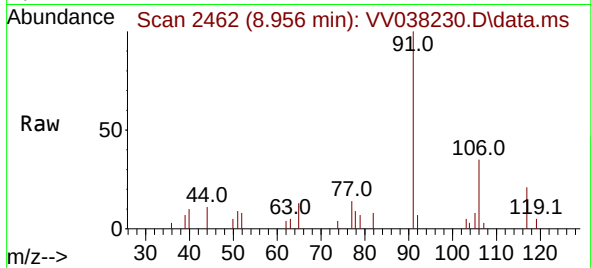




#52
Ethylbenzene
Concen: 0.080 ug/L
RT: 8.956 min Scan# 2456
Delta R.T. 0.019 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

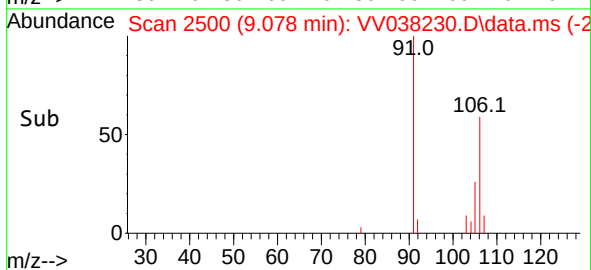
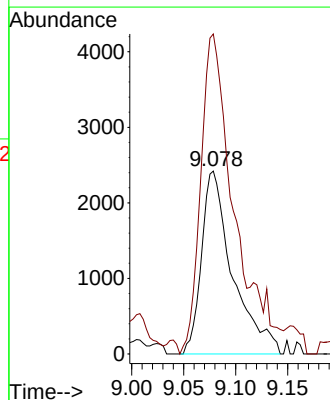
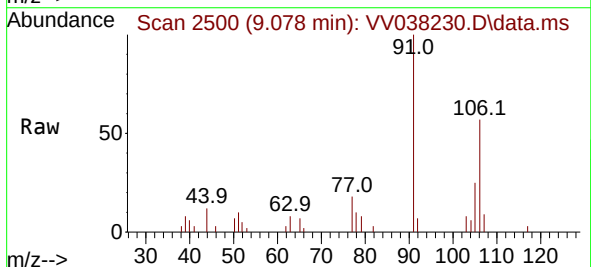
Instrument :
MSVOA_V
ClientSampleId :

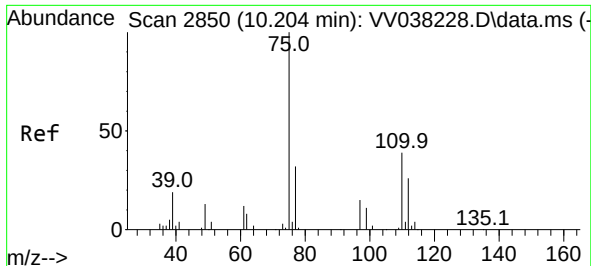
Tgt Ion: 91 Resp: 6942
Ion Ratio Lower Upper
91 100
106 34.5 21.8 40.4



#53
m,p-Xylene
Concen: 0.153 ug/L
RT: 9.078 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

Tgt Ion: 106 Resp: 5030
Ion Ratio Lower Upper
106 100
91 174.9 138.7 257.5

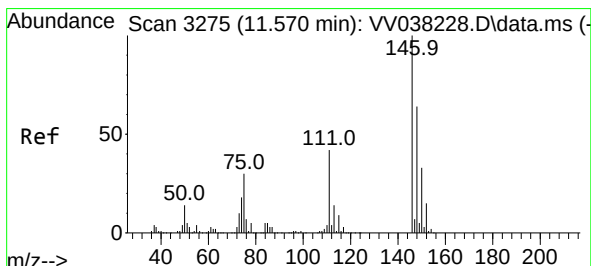
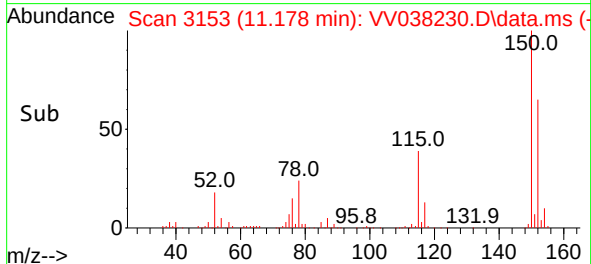
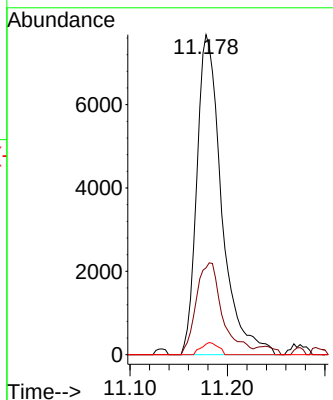
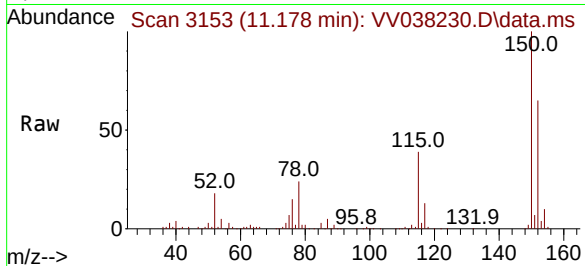




#61
1,2,3-Trichloropropane
Concen: 1.366 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 13570
Ion Ratio Lower Upper
75 100
77 30.4 26.4 39.6
110 2.6 32.3 48.5#



#67
1,2-Dichlorobenzene
Concen: 0.196 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.003 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

Tgt Ion: 146 Resp: 6510
Ion Ratio Lower Upper
146 100
111 53.4 34.2 51.2#
148 62.9 51.0 76.4

