

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW112224\
 Data File : VW038277.D
 Acq On : 22 Nov 2024 18:18
 Operator : SY/MD
 Sample : P4884-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 00:05:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	252280	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	276673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	111913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68583	3.547	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.529	69	68500	4.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.053	65	29523	3.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.786	46	198670	51.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.720%
24) Chloroform-d	4.243	84	166585	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.937	65	86140	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	4.953	84	289501	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	97832	4.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.236	98	228650	3.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	7.558	79	29638	3.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.018	63	181546	57.090	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.180%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88194	4.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	94649	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4954	0.262	ug/L #	81
13) Acetone	1.886	43	2004494	700.642	ug/L	41
16) Methylene chloride	2.442	84	25043	1.219	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	6846	0.349	ug/L	93
25) Chloroform	4.269	83	8792	0.239	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	35060	1.057	ug/L	98
31) Carbon tetrachloride	4.503	117	4541	0.155	ug/L	93
34) Trichloroethene	5.828	95	114605	5.410	ug/L	98
35) Methylcyclohexane	5.979	83	25219	0.841	ug/L #	20
37) 1,2-Dichloropropane	5.979	63	10714	0.550	ug/L #	86
42) Toluene	7.323	91	22586	0.274	ug/L	95
47) Tetrachloroethene	7.895	164	1191295	69.979	ug/L	99
48) 2-Hexanone	8.021	43	19911	2.695	ug/L #	69
49) Dibromochloromethane	7.895	129	1080065	62.750	ug/L #	11
51) Chlorobenzene	8.815	112	13914	0.245	ug/L	91
52) Ethylbenzene	8.960	91	6761	0.077	ug/L	92
53) m,p-Xylene	9.079	106	3919	0.119	ug/L	92
61) 1,2,3-Trichloropropane	11.178	75	13386	1.397	ug/L #	66
67) 1,2-Dichlorobenzene	11.574	146	5021	0.157	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038277.D
Acq On : 22 Nov 2024 18:18
Operator : SY/MD
Sample : P4884-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

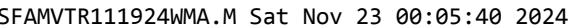
Instrument :
MSVOA_V
ClientSampleId :

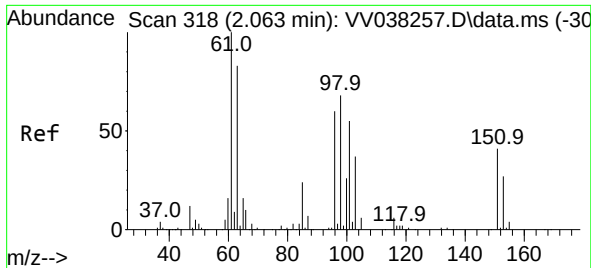
Quant Time: Nov 23 00:05:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration

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

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

Quant Time: Nov 23 00:05:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration

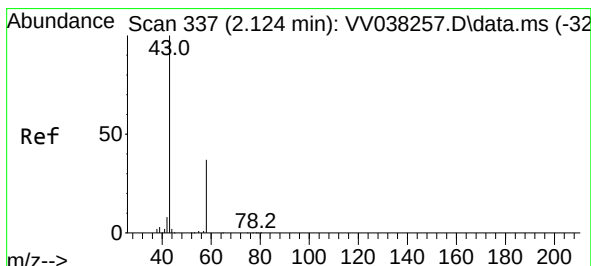
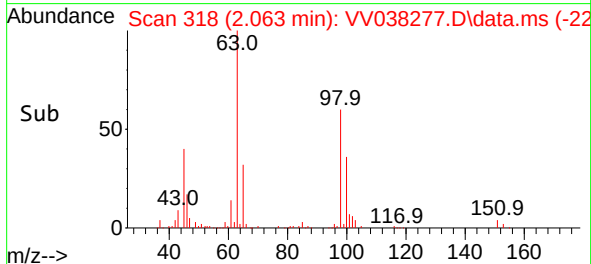
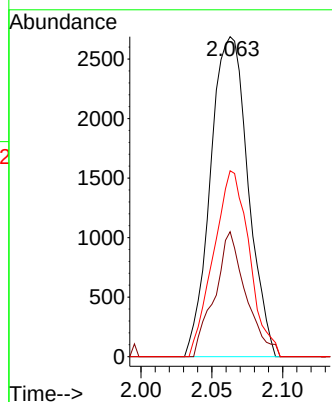
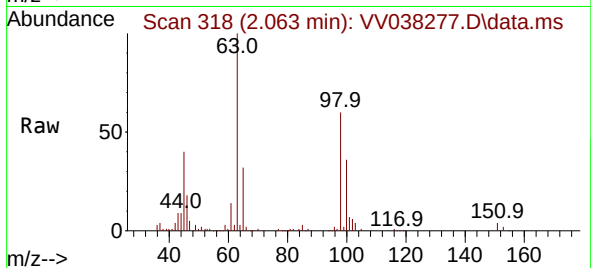




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.262 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038277.D
 Acq: 22 Nov 2024 18:18

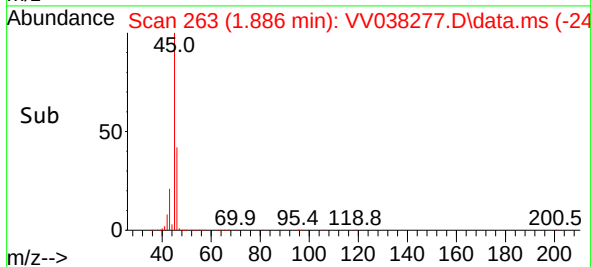
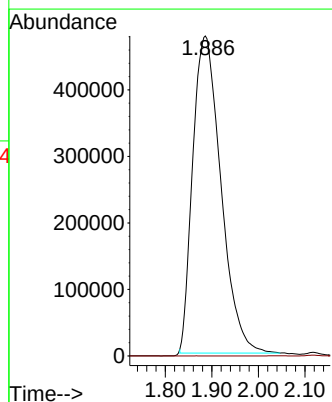
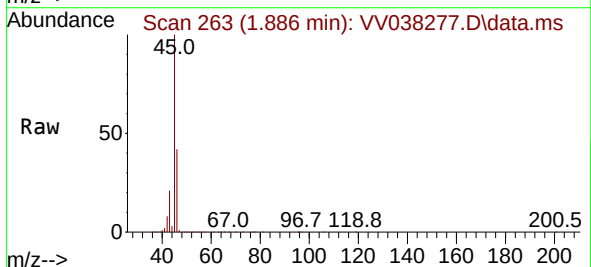
Instrument :
 MSVOA_V
 ClientSampleId :

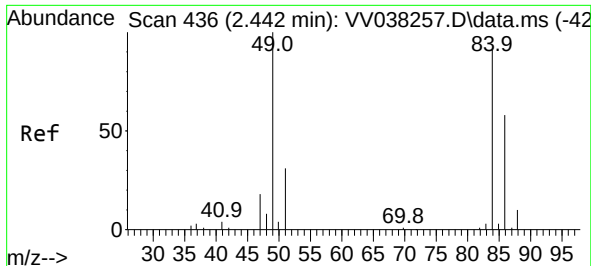
Tgt Ion:101 Resp: 4954
 Ion Ratio Lower Upper
 101 100
 85 32.5 33.4 50.0#
 151 55.5 58.8 88.2#



#13
 Acetone
 Concen: 700.642 ug/L
 RT: 1.886 min Scan# 263
 Delta R.T. -0.238 min
 Lab File: VV038277.D
 Acq: 22 Nov 2024 18:18

Tgt Ion: 43 Resp: 2004494
 Ion Ratio Lower Upper
 43 100
 58 0.0 0.0 67.2



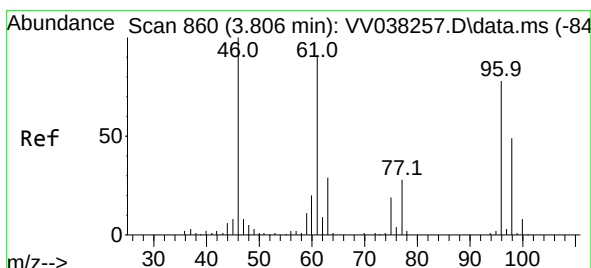
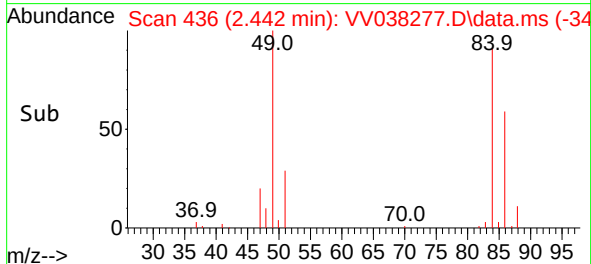
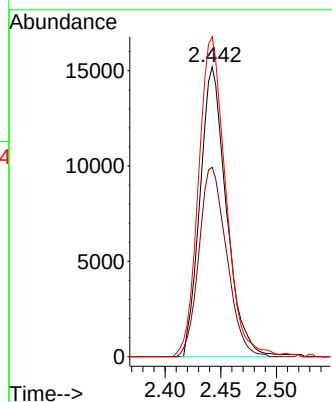
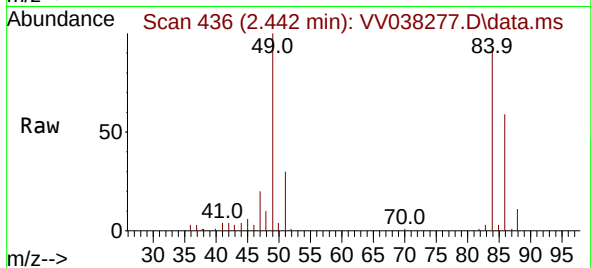


#16
Methylene chloride
Concen: 1.219 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 25043

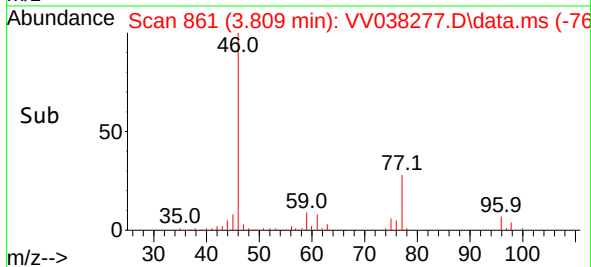
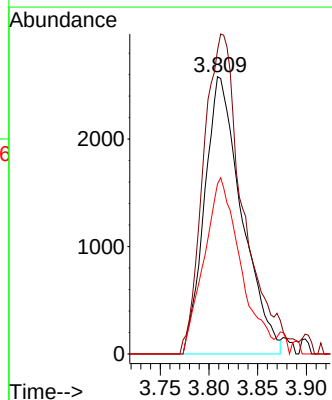
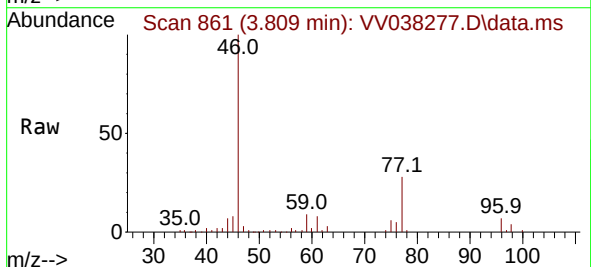
Ion	Ratio	Lower	Upper
84	100		
86	65.3	44.2	82.2
49	110.4	74.9	139.1

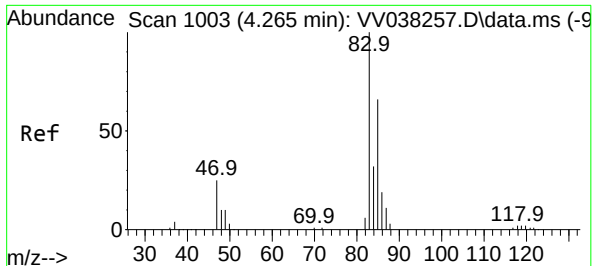


#22
cis-1,2-Dichloroethene
Concen: 0.349 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

Tgt Ion: 96 Resp: 6846

Ion	Ratio	Lower	Upper
96	100		
61	109.4	82.7	153.5
98	61.3	46.3	85.9





#25

Chloroform

Concen: 0.239 ug/L

RT: 4.269 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV038277.D

Acq: 22 Nov 2024 18:18

Instrument :

MSVOA_V

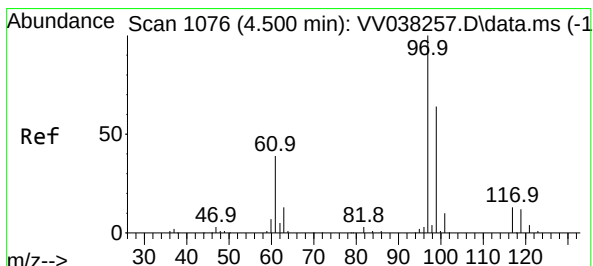
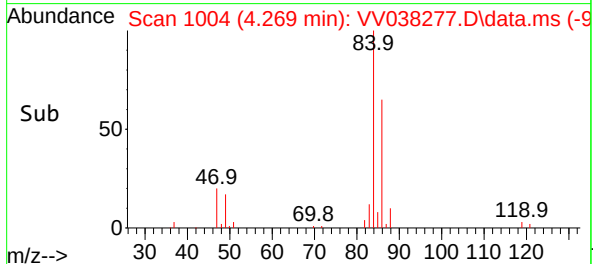
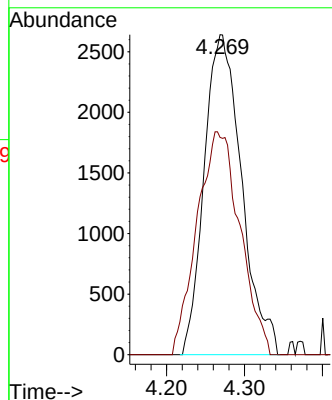
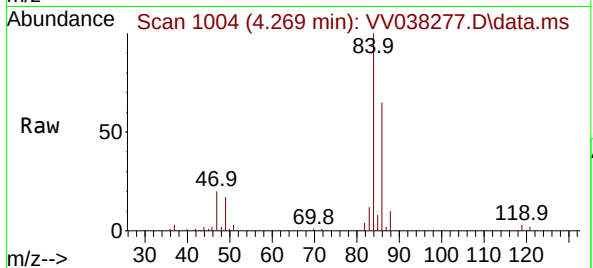
ClientSampleId :

Tgt Ion: 83 Resp: 8792

Ion Ratio Lower Upper

83 100

85 67.9 46.5 86.3



#29

1,1,1-Trichloroethane

Concen: 1.057 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038277.D

Acq: 22 Nov 2024 18:18

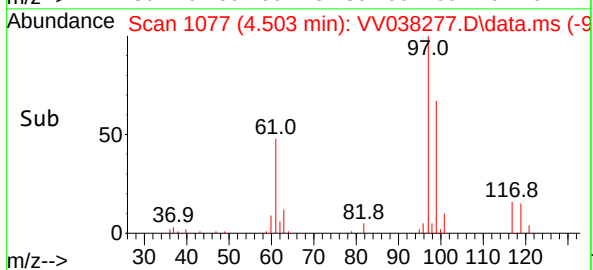
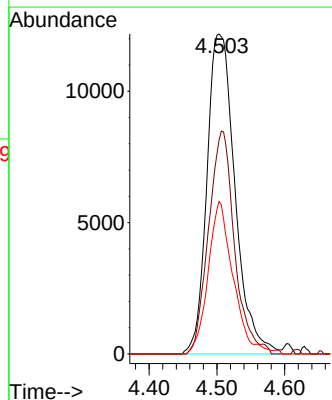
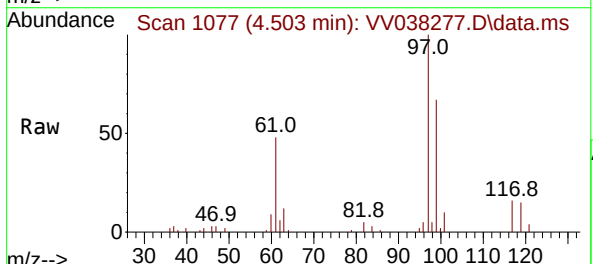
Tgt Ion: 97 Resp: 35060

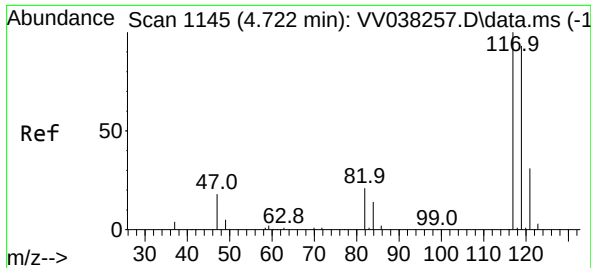
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

61 42.4 32.2 48.2

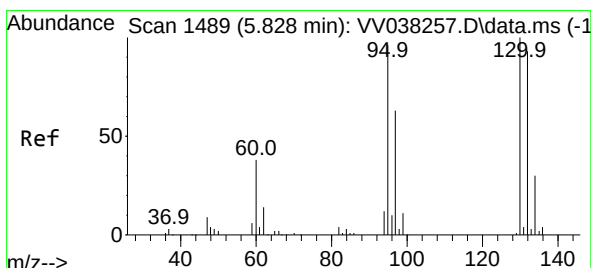
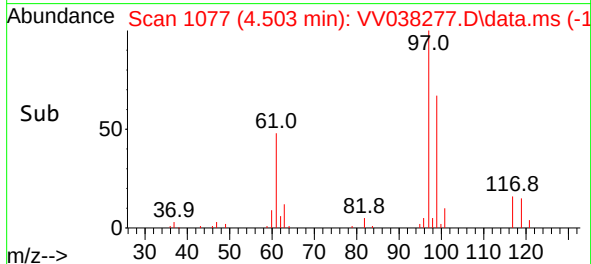
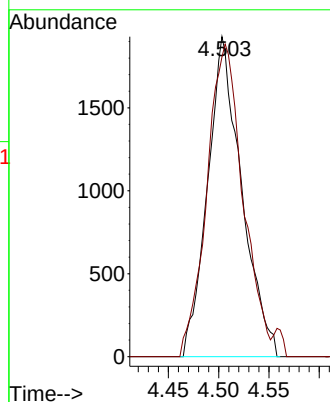
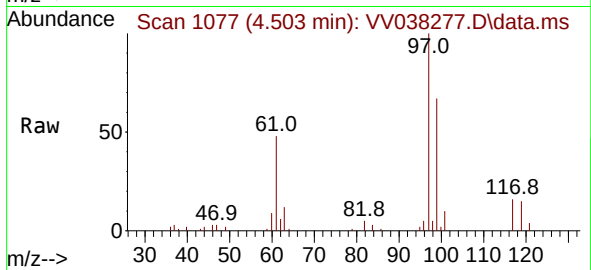




#31
Carbon tetrachloride
Concen: 0.155 ug/L
RT: 4.503 min Scan# 1145
Delta R.T. -0.219 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

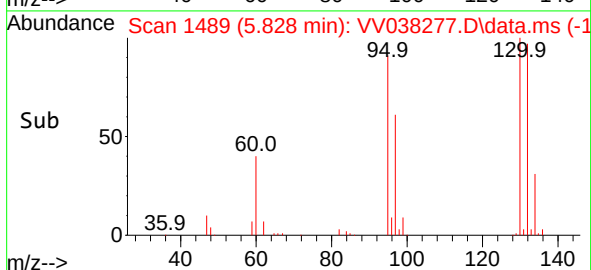
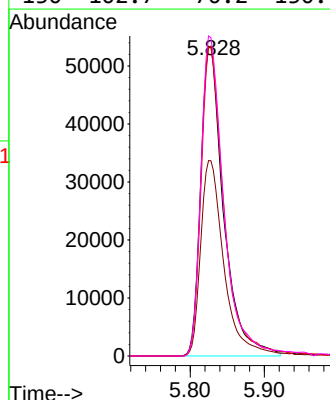
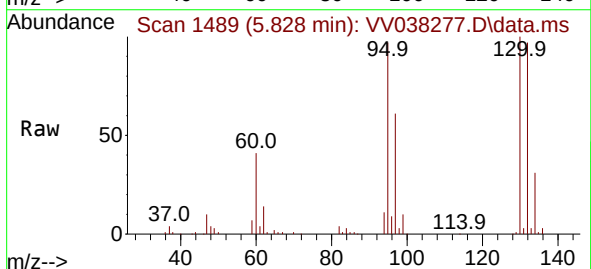
Instrument :
MSVOA_V
ClientSampleId :

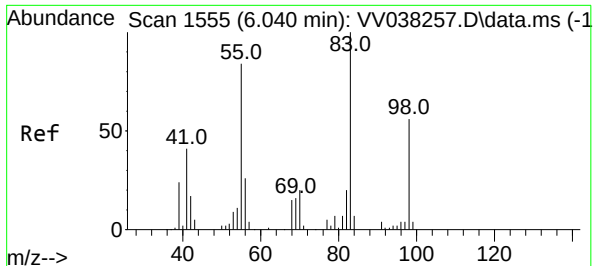
Tgt Ion:117 Resp: 4541
Ion Ratio Lower Upper
117 100
119 103.4 77.4 116.2



#34
Trichloroethene
Concen: 5.410 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

Tgt Ion: 95 Resp: 114605
Ion Ratio Lower Upper
95 100
97 63.0 44.8 83.2
132 99.9 68.3 126.8
130 102.7 70.2 130.4

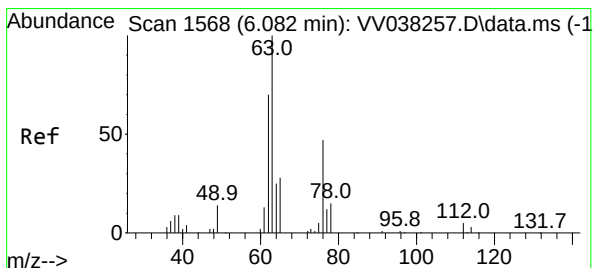
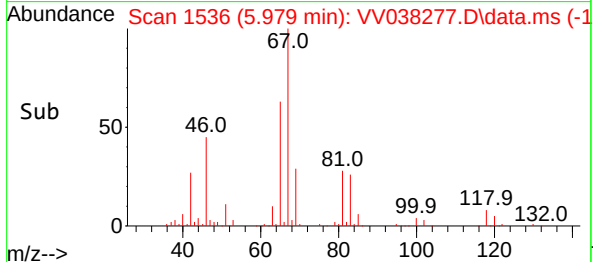
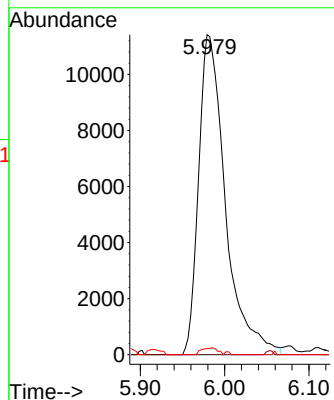
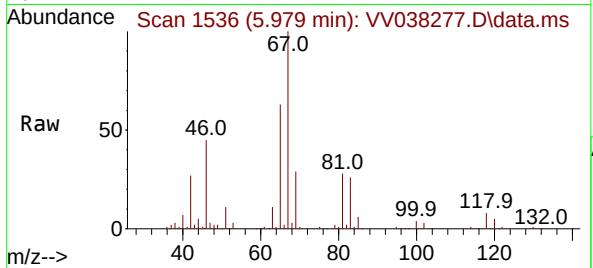




#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.061 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

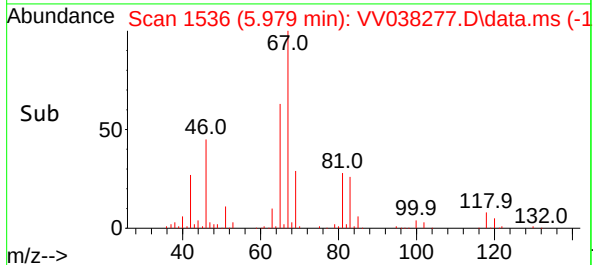
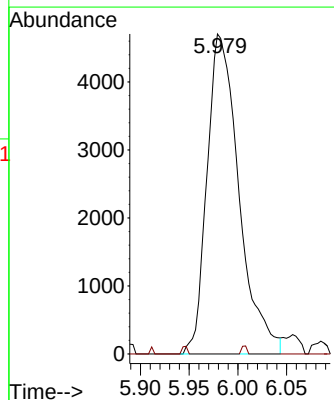
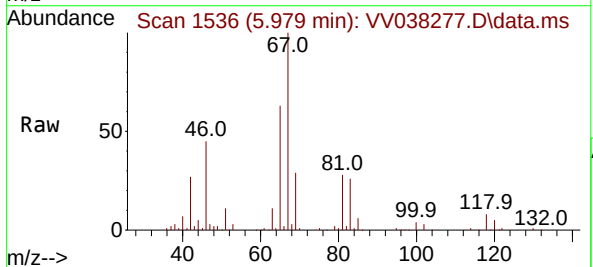
Instrument :
MSVOA_V
ClientSampleId :

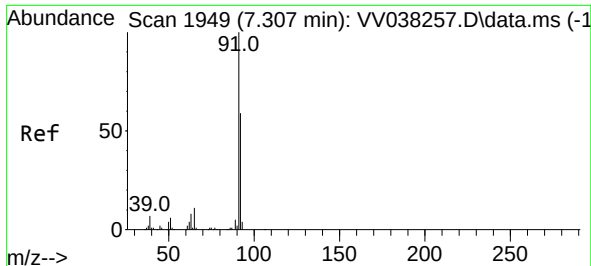
Tgt Ion: 83 Resp: 25219
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 1.3 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.103 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

Tgt Ion: 63 Resp: 10714
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#





#42

Toluene

Concen: 0.274 ug/L

RT: 7.323 min Scan# 1949

Delta R.T. 0.016 min

Lab File: VV038277.D

Acq: 22 Nov 2024 18:18

Instrument :

MSVOA_V

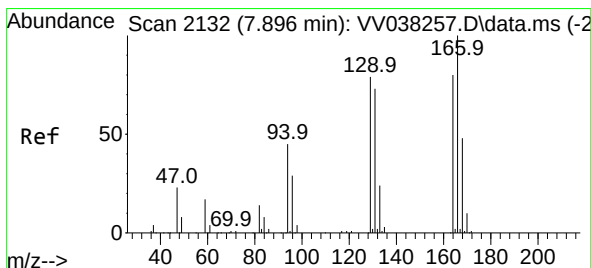
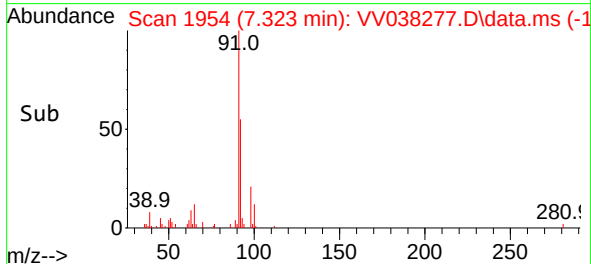
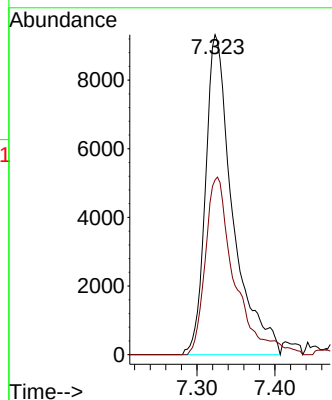
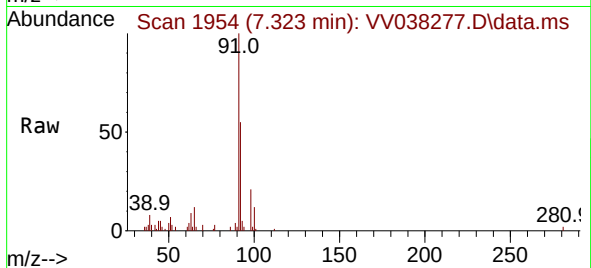
ClientSampleId :

Tgt Ion: 91 Resp: 22586

Ion Ratio Lower Upper

91 100

92 54.6 40.8 75.8



#47

Tetrachloroethene

Concen: 69.979 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038277.D

Acq: 22 Nov 2024 18:18

Tgt Ion: 164 Resp: 1191295

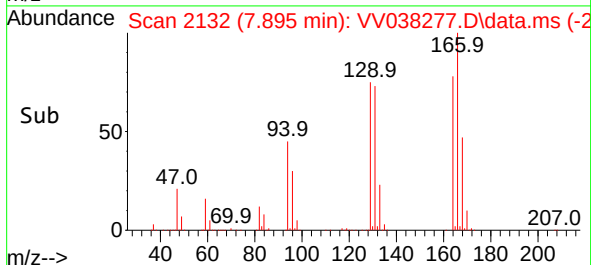
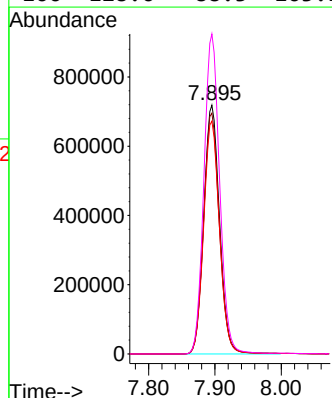
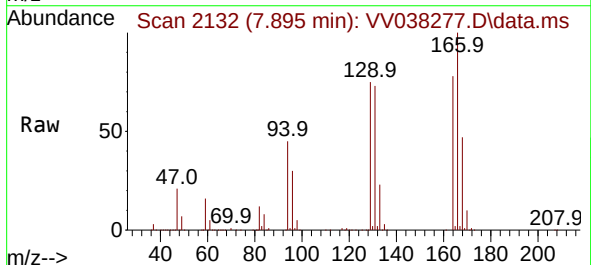
Ion Ratio Lower Upper

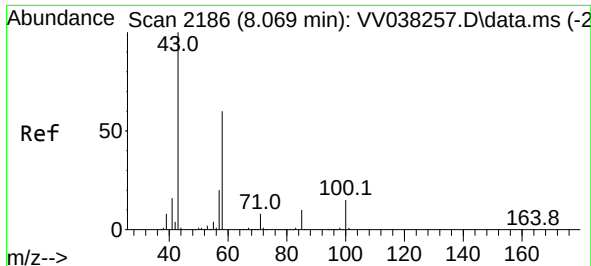
164 100

129 96.8 68.5 127.1

131 93.5 64.8 120.4

166 128.6 88.3 163.9

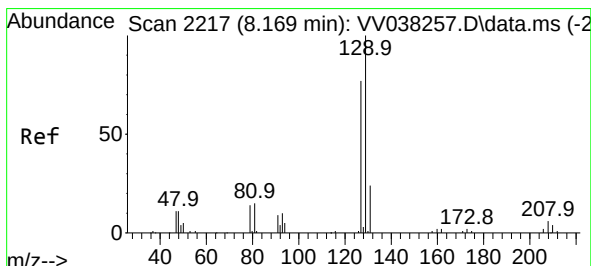
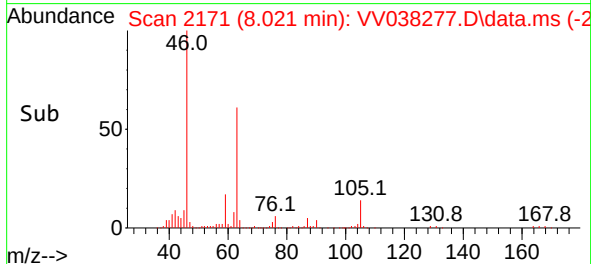
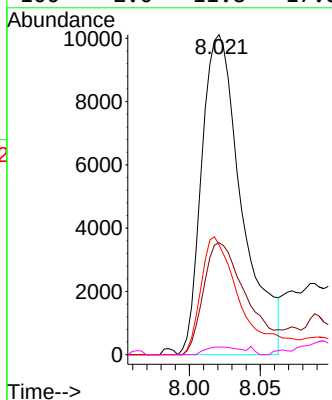
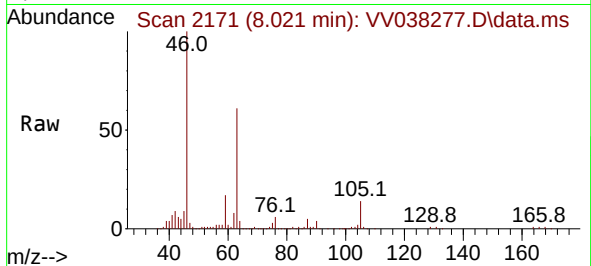




#48
2-Hexanone
Concen: 2.695 ug/L
RT: 8.021 min Scan# 21911
Delta R.T. -0.048 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

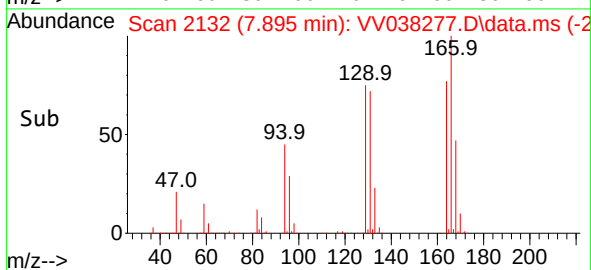
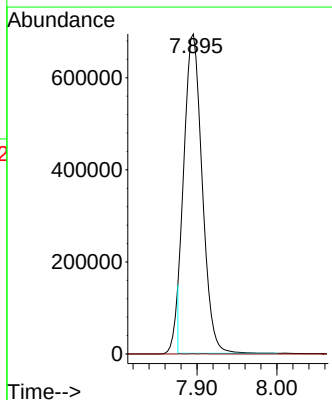
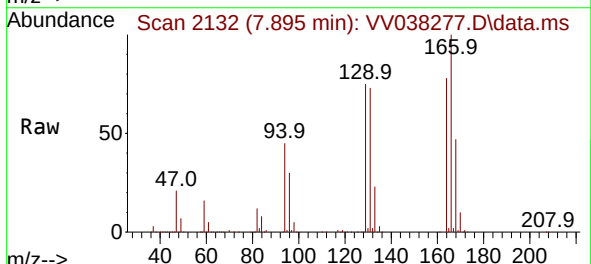
Instrument :
MSVOA_V
ClientSampleId :

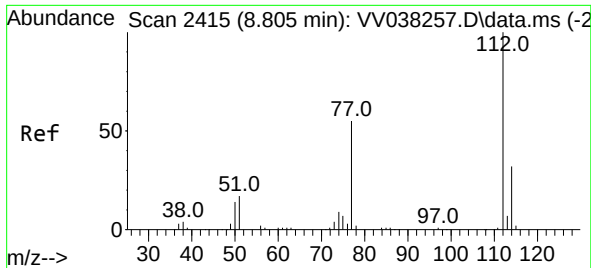
Tgt Ion: 43	Resp: 19911
Ion Ratio	Lower Upper
43 100	
58 38.6	49.2 73.8#
57 37.3	16.9 25.3#
100 2.0	11.8 17.8#



#49
Dibromochloromethane
Concen: 62.750 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

Tgt Ion:129	Resp: 1080065		
Ion	Ratio	Lower	Upper
129	100		
127	0.1	53.5	99.3#

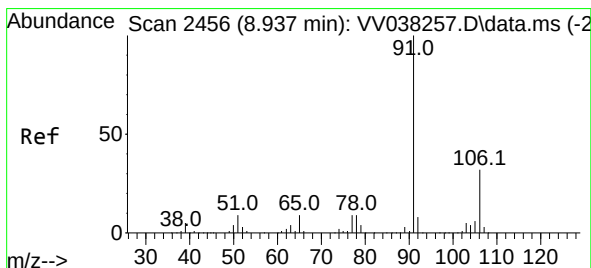
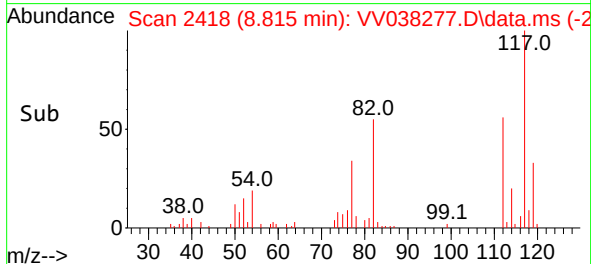
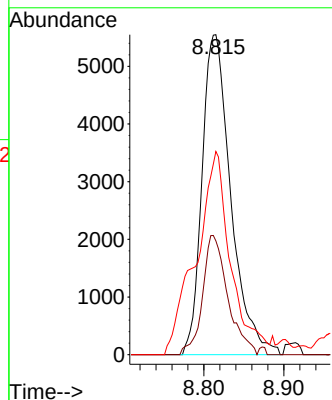
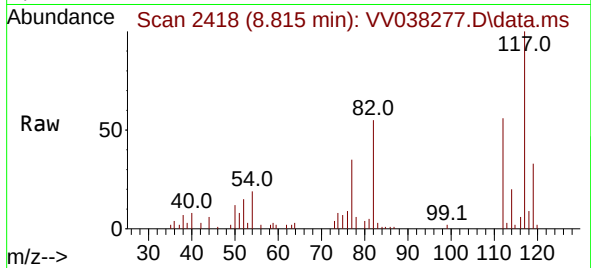




#51
Chlorobenzene
Concen: 0.245 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

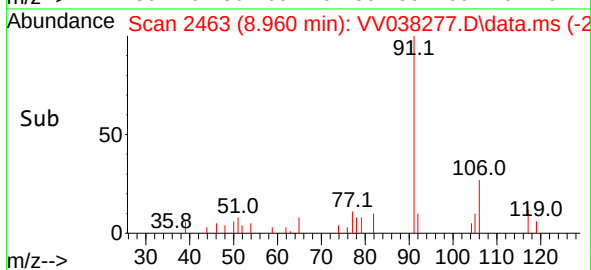
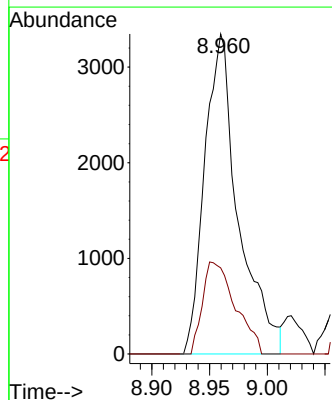
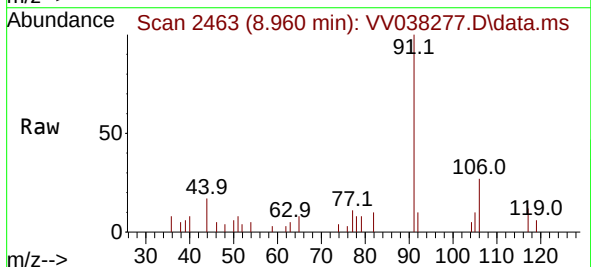
Instrument :
MSVOA_V
ClientSampleId :

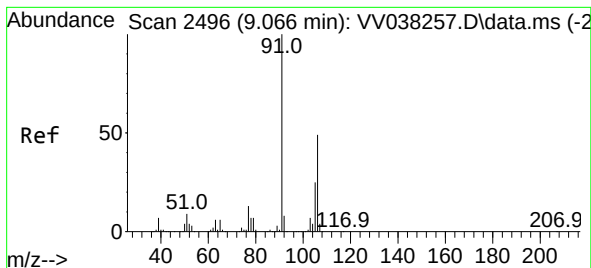
Tgt Ion:112 Resp: 13914
Ion Ratio Lower Upper
112 100
114 35.5 22.0 40.8
77 63.5 45.0 67.4



#52
Ethylbenzene
Concen: 0.077 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.022 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

Tgt Ion: 91 Resp: 6761
Ion Ratio Lower Upper
91 100
106 26.9 21.8 40.4





#53

m,p-Xylene

Concen: 0.119 ug/L

RT: 9.079 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV038277.D

Acq: 22 Nov 2024 18:18

Instrument :

MSVOA_V

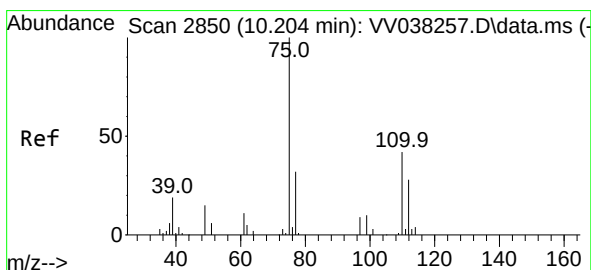
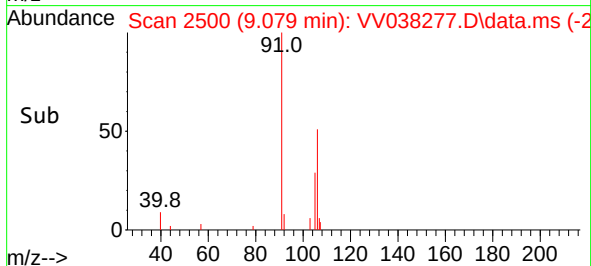
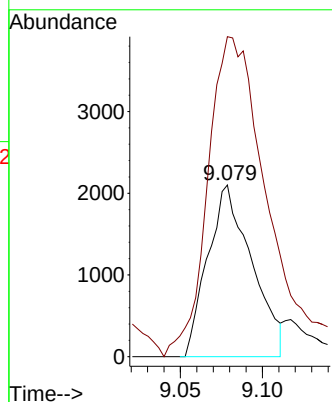
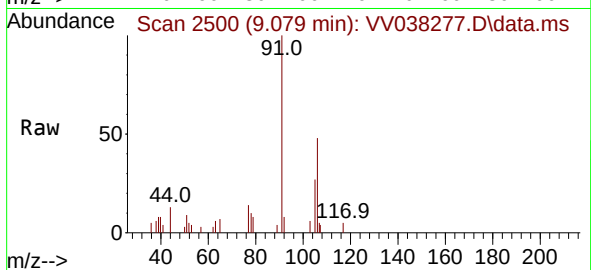
ClientSampleId :

Tgt Ion:106 Resp: 3919

Ion Ratio Lower Upper

106 100

91 186.3 138.7 257.5



#61

1,2,3-Trichloropropane

Concen: 1.397 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV038277.D

Acq: 22 Nov 2024 18:18

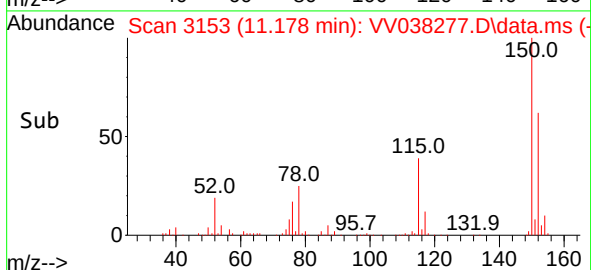
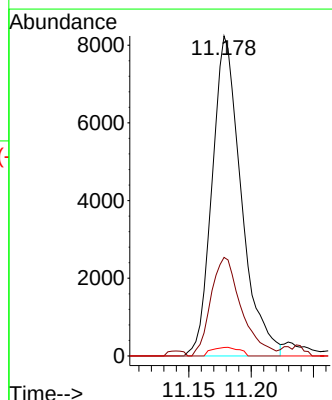
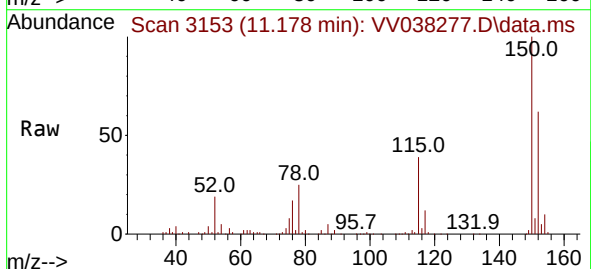
Tgt Ion: 75 Resp: 13386

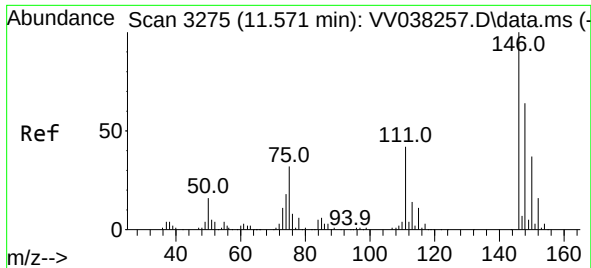
Ion Ratio Lower Upper

75 100

77 32.4 26.4 39.6

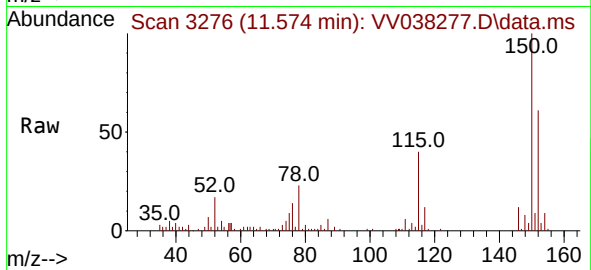
110 2.6 32.3 48.5#





#67
1,2-Dichlorobenzene
Concen: 0.157 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038277.D
Acq: 22 Nov 2024 18:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	146	Resp:	5021
Ion	Ratio	Lower	Upper
146	100		
111	46.9	34.2	51.2
148	67.1	51.0	76.4

