

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033504.D
 Acq On : 20 Dec 2023 12:14
 Operator : SY/MD
 Sample : 05850-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 21 01:45:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

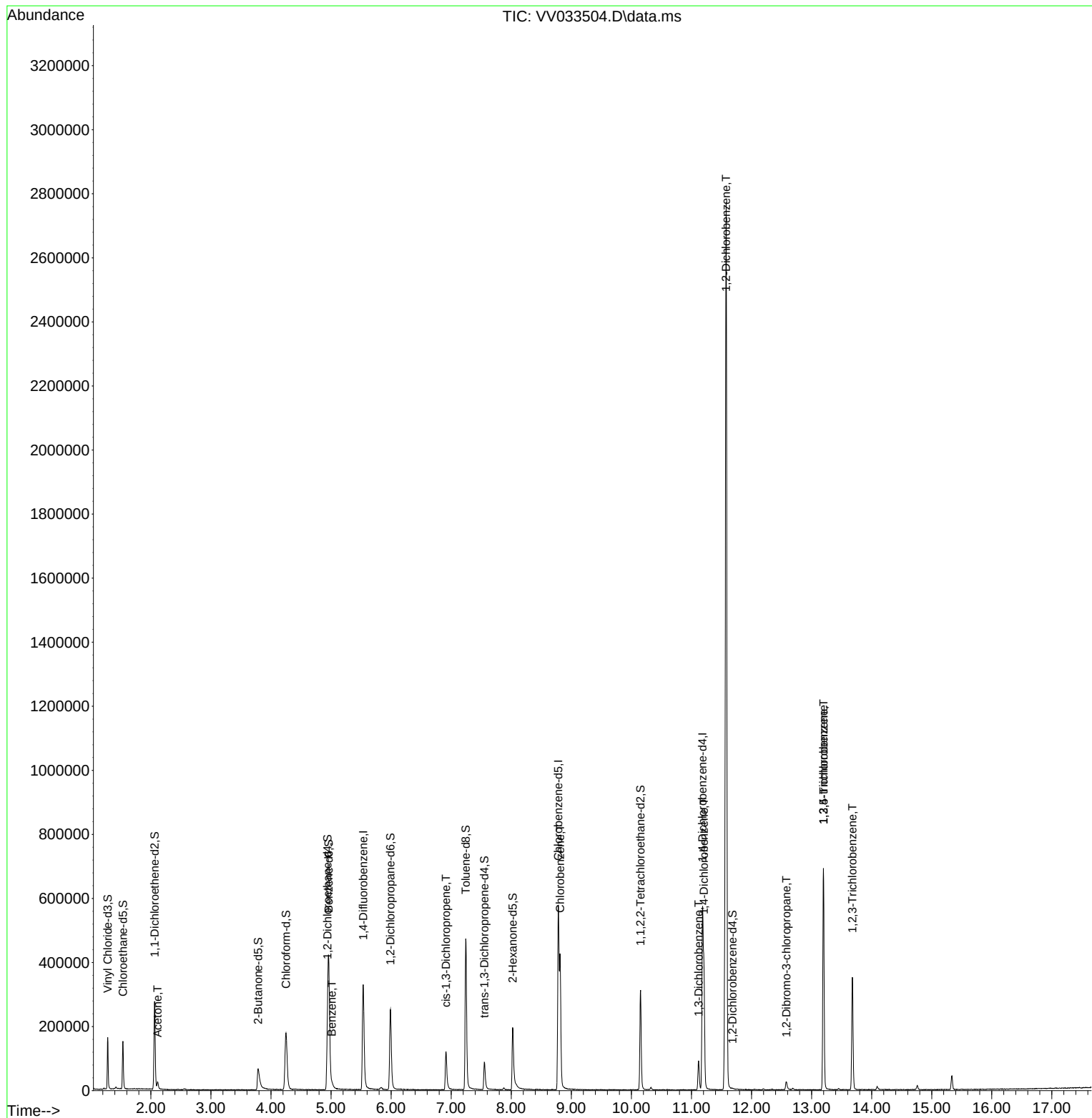
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	276049	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	292990	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	130773	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	102881	48.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.800%		
7) Chloroethane-d5	1.536	69	94636	49.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.220%		
11) 1,1-Dichloroethene-d2	2.063	65	47520	44.905	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.820%		
21) 2-Butanone-d5	3.786	46	94834	88.515	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.510%		
24) Chloroform-d	4.249	84	193082	45.916	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.840%		
26) 1,2-Dichloroethane-d4	4.941	65	124815	48.318	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.640%		
32) Benzene-d6	4.960	84	363962	46.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.240%		
36) 1,2-Dichloropropane-d6	5.989	67	118613	49.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.060%		
41) Toluene-d8	7.243	98	305036	42.246	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.500%		
43) trans-1,3-Dichloroprop...	7.551	79	49044	41.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.560%		
47) 2-Hexanone-d5	8.024	63	63635	78.997	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.000%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	147260	42.781	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.560%		
66) 1,2-Dichlorobenzene-d4	11.686	152	229	0.093	ug/L	0.13
Spiked Amount 50.000	Range 80 - 120		Recovery =	0.180%#		
Target Compounds						Qvalue
13) Acetone	2.114	43	21840	17.561	ug/L	98
33) Benzene	5.011	78	13740	1.759	ug/L	100
39) cis-1,3-Dichloropropene	6.915	75	3783	1.228	ug/L #	67
51) Chlorobenzene	8.815	112	210384	35.269	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	34201	8.861	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	130945	31.523	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	957185	238.269	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.580	75	1227	2.161	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.198	180	181248	67.903	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	181248	77.680	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	94485	41.400	ug/L	99

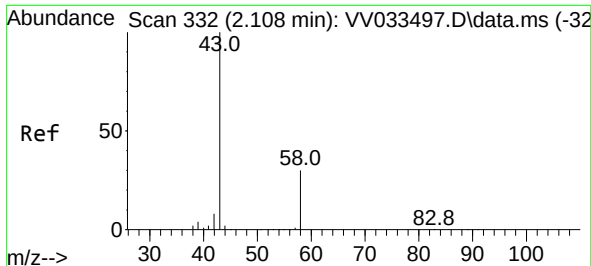
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 01:45:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 21 01:43:54 2023
Response via : Initial Calibration





#13

Acetone

Concen: 17.561 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV033504.D

Acq: 20 Dec 2023 12:14

Instrument :

MSVOA_V

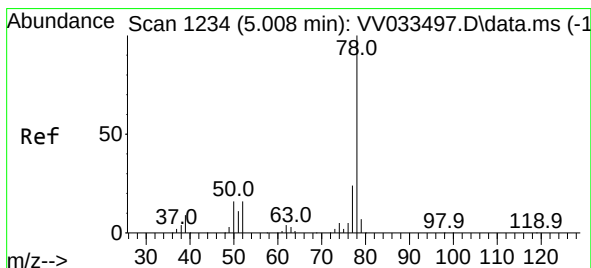
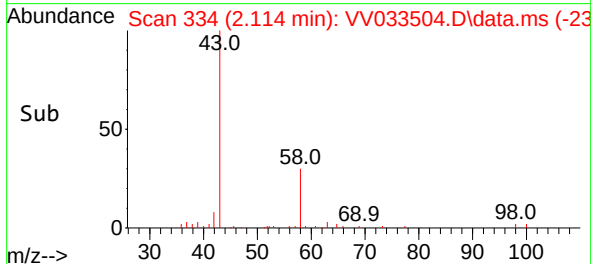
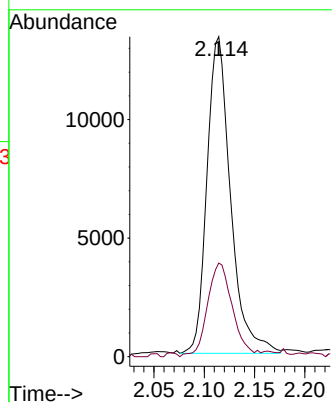
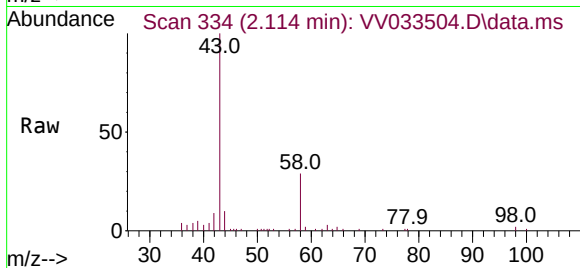
ClientSampleId :

Tgt Ion: 43 Resp: 21840

Ion Ratio Lower Upper

43 100

58 30.9 0.0 59.2



#33

Benzene

Concen: 1.759 ug/L

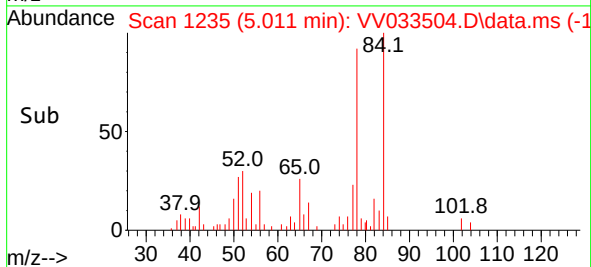
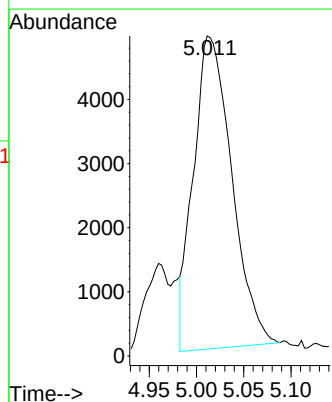
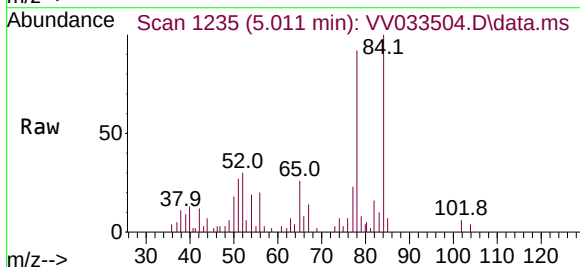
RT: 5.011 min Scan# 1235

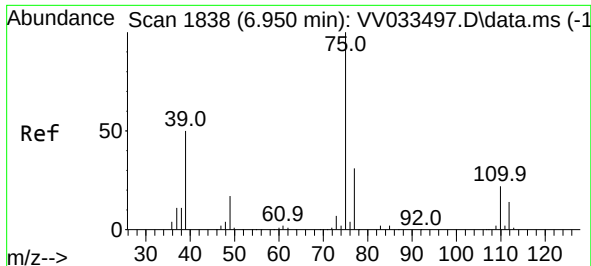
Delta R.T. 0.003 min

Lab File: VV033504.D

Acq: 20 Dec 2023 12:14

Tgt Ion: 78 Resp: 13740





#39

cis-1,3-Dichloropropene

Concen: 1.228 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033504.D

Acq: 20 Dec 2023 12:14

Instrument :

MSVOA_V

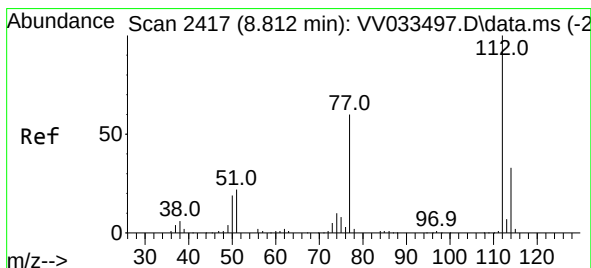
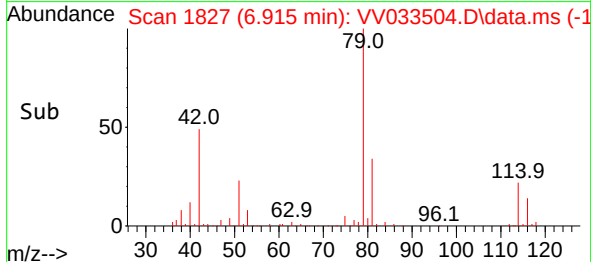
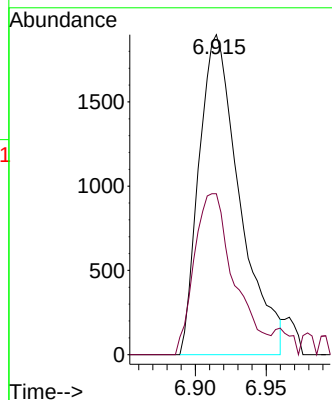
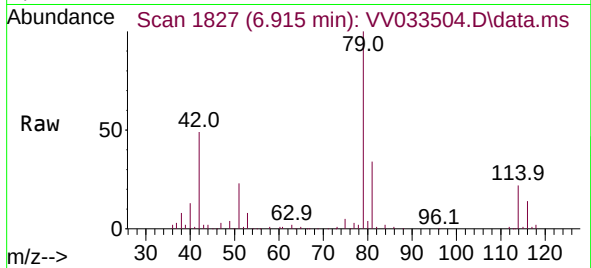
ClientSampleId :

Tgt Ion: 75 Resp: 3783

Ion Ratio Lower Upper

75 100

77 50.3 22.3 41.3#



#51

Chlorobenzene

Concen: 35.269 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV033504.D

Acq: 20 Dec 2023 12:14

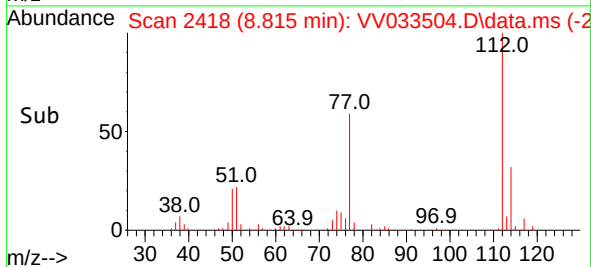
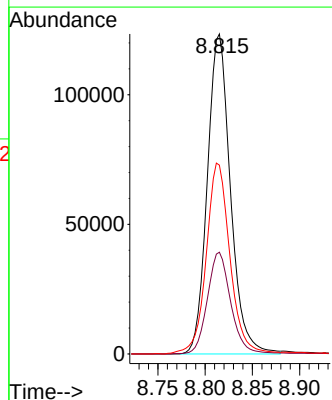
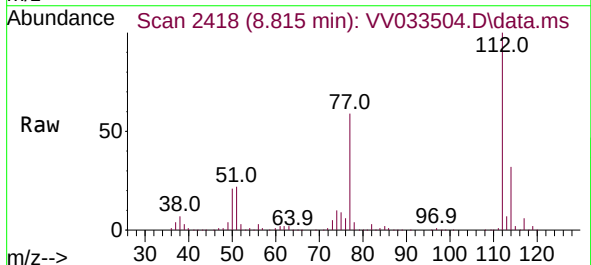
Tgt Ion: 112 Resp: 210384

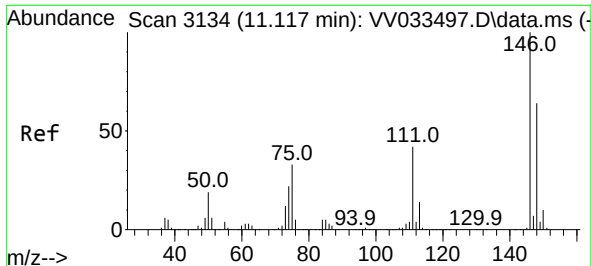
Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.7

77 59.0 45.2 67.8

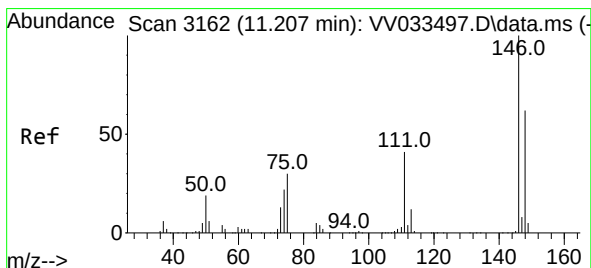
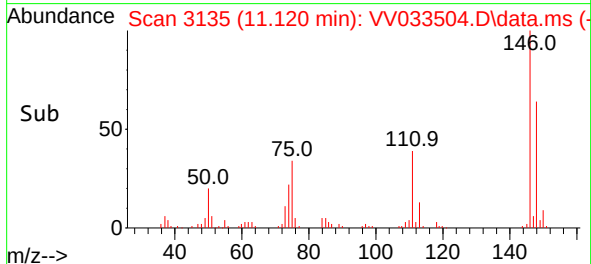
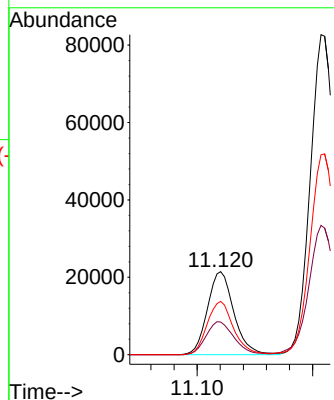
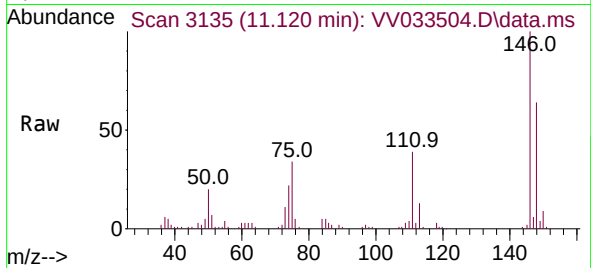




#64
1,3-Dichlorobenzene
Concen: 8.861 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV033504.D
Acq: 20 Dec 2023 12:14

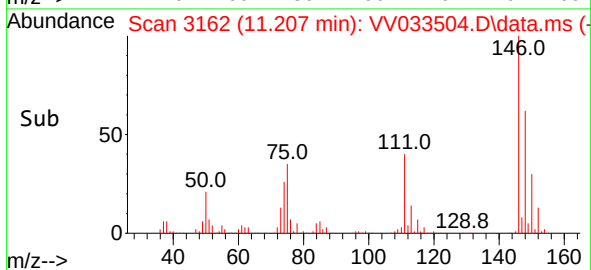
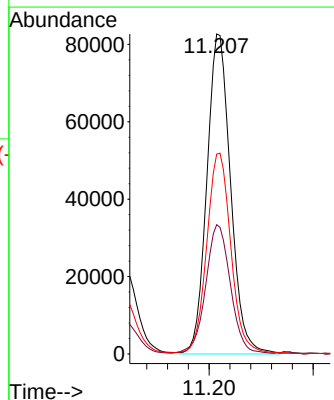
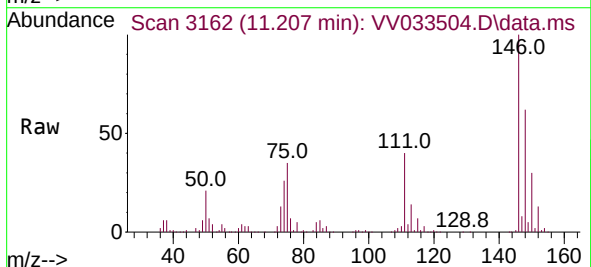
Instrument :
MSVOA_V
ClientSampleId :

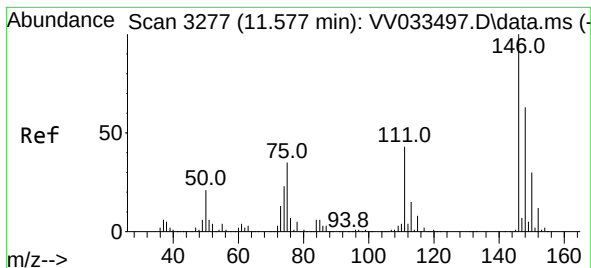
Tgt Ion:146 Resp: 34201
Ion Ratio Lower Upper
146 100
111 39.3 29.3 54.5
148 64.1 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 31.523 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV033504.D
Acq: 20 Dec 2023 12:14

Tgt Ion:146 Resp: 130945
Ion Ratio Lower Upper
146 100
111 40.4 27.9 51.7
148 62.5 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 238.269 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033504.D

Acq: 20 Dec 2023 12:14

Instrument :

MSVOA_V

ClientSampleId :

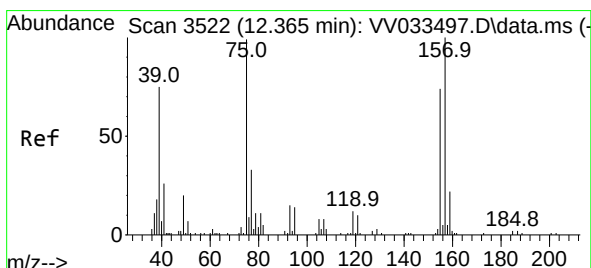
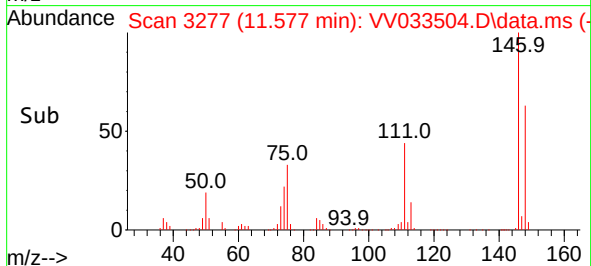
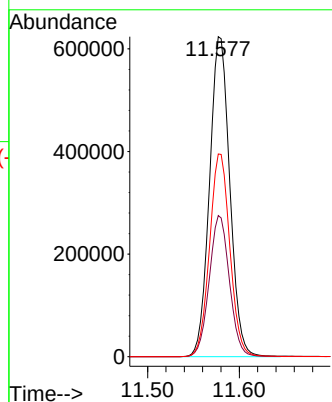
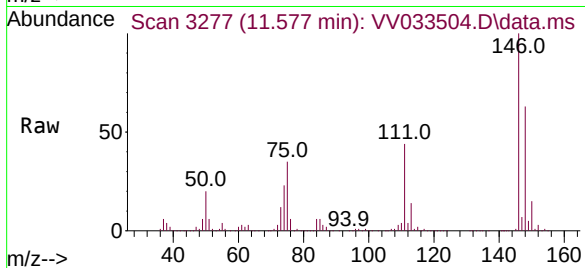
Tgt Ion:146 Resp: 957185

Ion Ratio Lower Upper

146 100

111 44.1 33.5 50.3

148 63.3 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 2.161 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.215 min

Lab File: VV033504.D

Acq: 20 Dec 2023 12:14

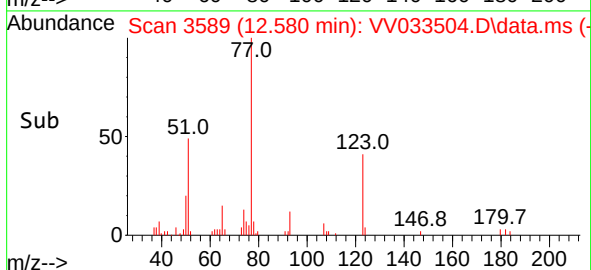
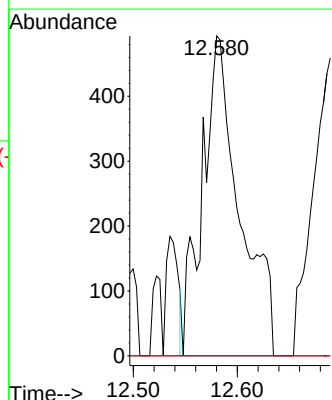
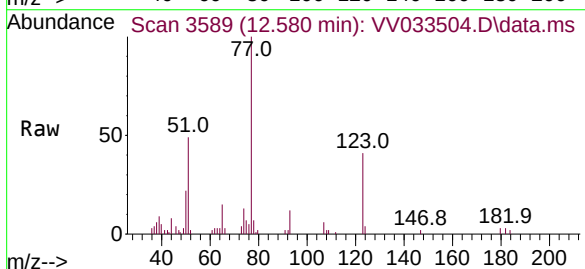
Tgt Ion: 75 Resp: 1227

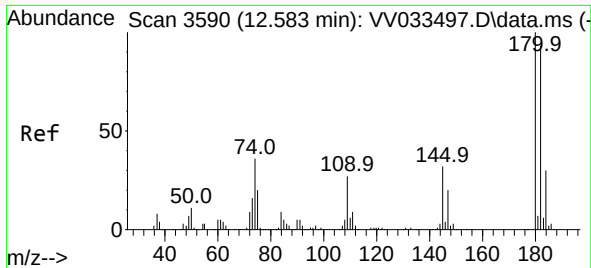
Ion Ratio Lower Upper

75 100

155 0.0 69.4 104.0#

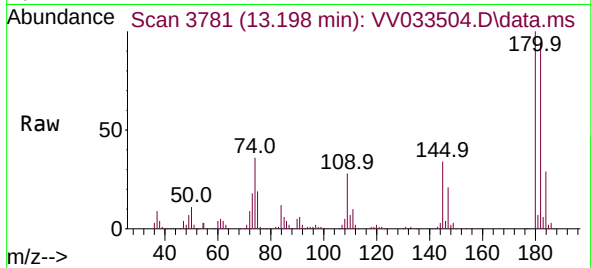
157 0.0 81.1 121.7#



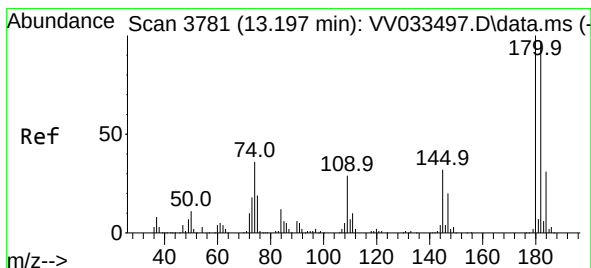
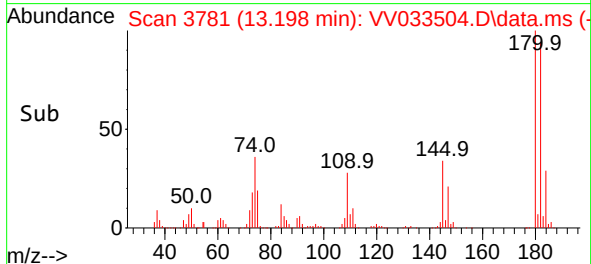
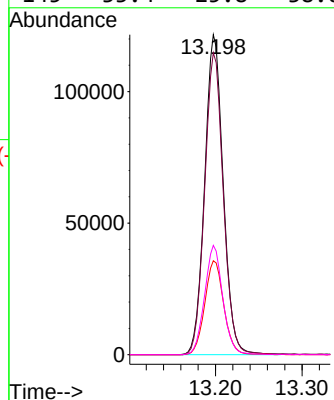


#69
 1,3,5-Trichlorobenzene
 Concen: 67.903 ug/L
 RT: 13.198 min Scan# 3781
 Delta R.T. 0.614 min
 Lab File: VV033504.D
 Acq: 20 Dec 2023 12:14

Instrument :
 MSVOA_V
 ClientSampleId :

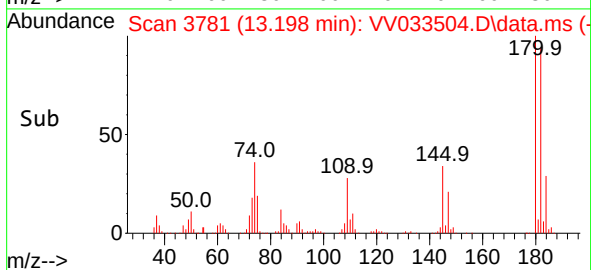
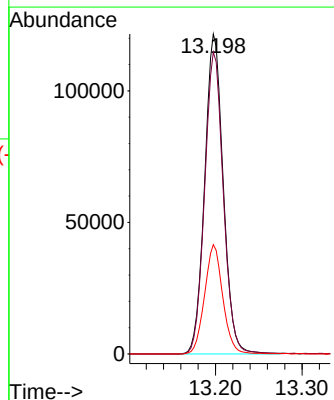
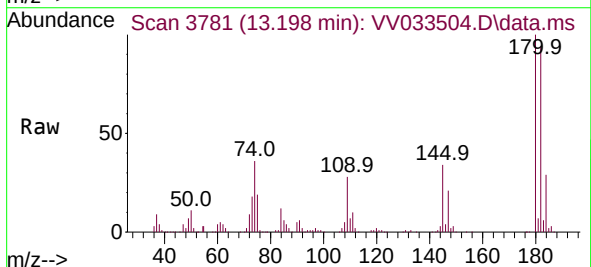


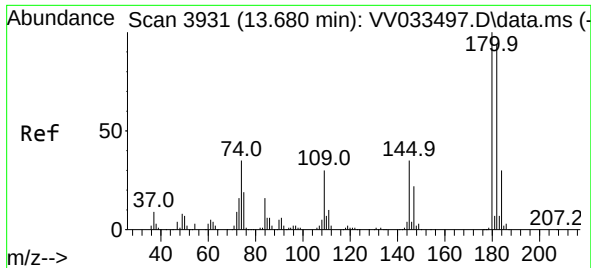
Tgt Ion:180 Resp: 181248
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.2 114.4
 184 29.9 24.4 36.6
 145 33.4 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 77.680 ug/L
 RT: 13.198 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV033504.D
 Acq: 20 Dec 2023 12:14

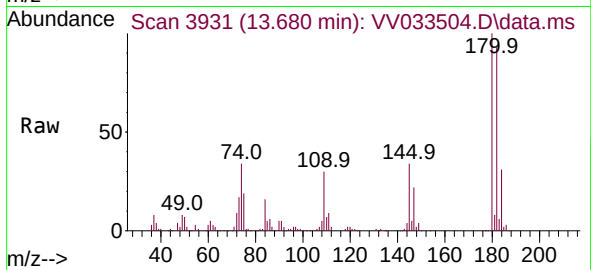
Tgt Ion:180 Resp: 181248
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.1 114.1
 145 33.4 25.6 38.4





#72
 1,2,3-Trichlorobenzene
 Concen: 41.400 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.000 min
 Lab File: VV033504.D
 Acq: 20 Dec 2023 12:14

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	94485
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.2	114.2
145	34.4	27.1	40.7

