

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035361.D
 Acq On : 23 Apr 2024 15:11
 Operator : SY/MD
 Sample : P2182-09 25X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:29:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

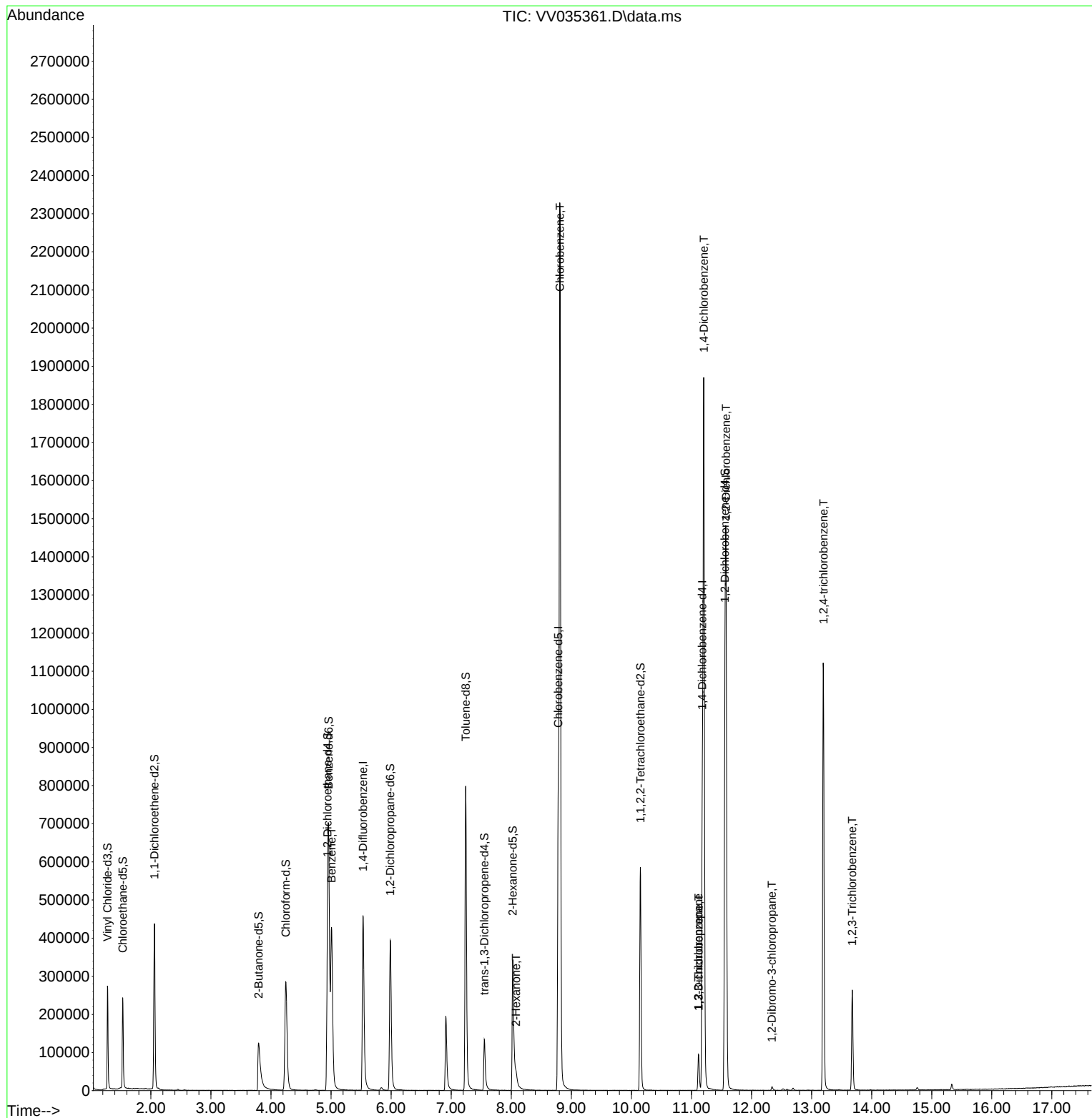
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	414100	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	413218	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	205918	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	179954	44.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.000%
7) Chloroethane-d5	1.532	69	149747	43.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.220%
11) 1,1-Dichloroethene-d2	2.060	65	75016	42.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
21) 2-Butanone-d5	3.793	46	204038	86.025	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.030%
24) Chloroform-d	4.246	84	316452	47.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
26) 1,2-Dichloroethane-d4	4.941	65	198732	46.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.100%
32) Benzene-d6	4.960	84	638472	45.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.986	67	207772	47.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.280%
41) Toluene-d8	7.243	98	546867	43.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.500%
43) trans-1,3-Dichloroprop...	7.551	79	87509	40.839	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.680%
47) 2-Hexanone-d5	8.024	63	121652	73.001	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.000%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	286194	47.152	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.300%
66) 1,2-Dichlorobenzene-d4	11.558	152	232538	50.297	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	465901	34.577	ug/L	100
48) 2-Hexanone	8.082	43	22107	5.467	ug/L	98
51) Chlorobenzene	8.812	112	1235381	135.119	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	12103	2.712	ug/L #	49
64) 1,3-Dichlorobenzene	11.120	146	41232	5.943	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	731646	103.709	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	506529	73.295	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.339	75	2105	1.712	ug/L #	4
70) 1,2,4-trichlorobenzene	13.197	180	358180	77.990	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	82988	18.332	ug/L	98

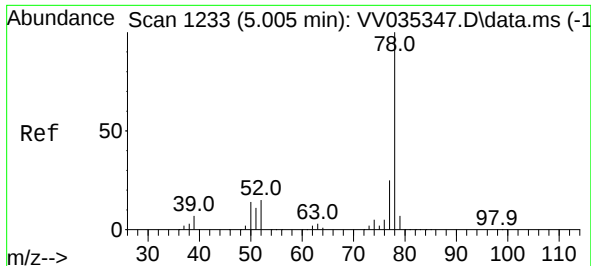
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
Data File : VV035361.D
Acq On : 23 Apr 2024 15:11
Operator : SY/MD
Sample : P2182-09 25X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 23 23:29:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration





#33

Benzene

Concen: 34.577 ug/L

RT: 5.008 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV035361.D

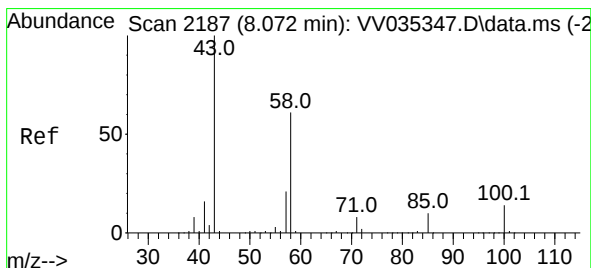
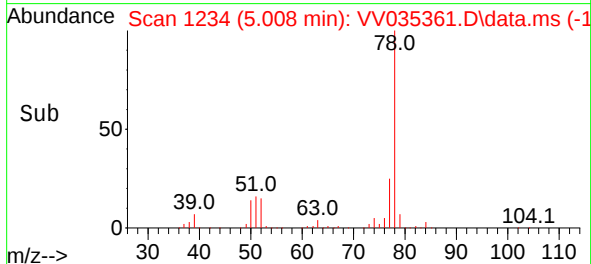
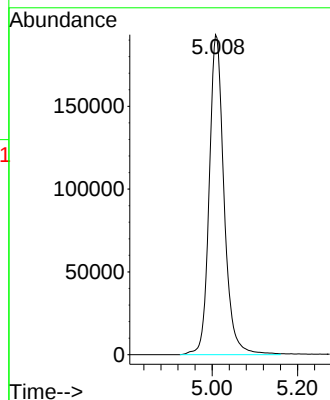
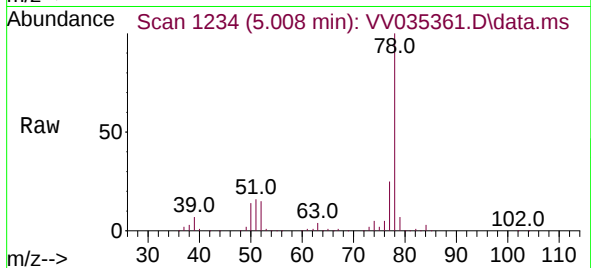
Acq: 23 Apr 2024 15:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 465901



#48

2-Hexanone

Concen: 5.467 ug/L

RT: 8.082 min Scan# 2190

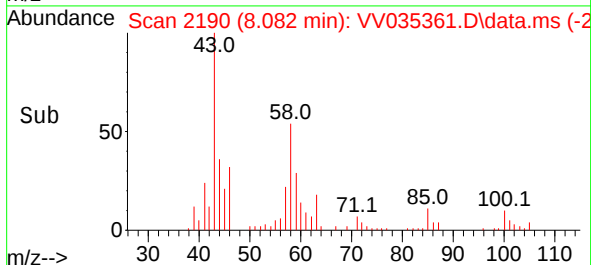
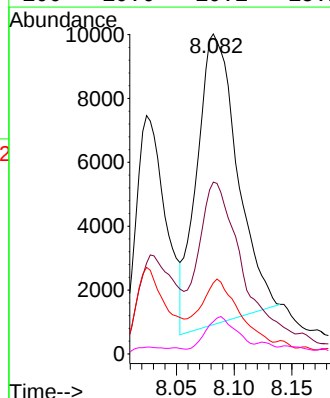
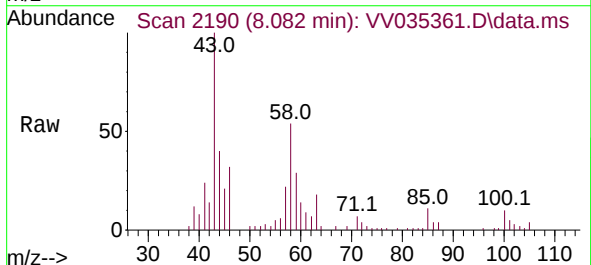
Delta R.T. 0.010 min

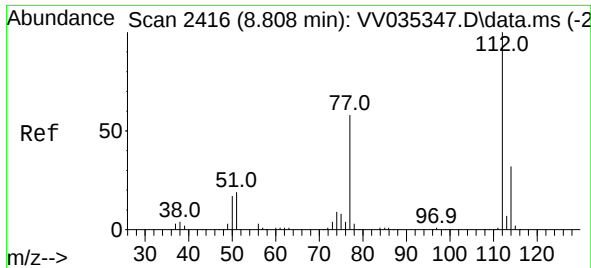
Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

Tgt Ion: 43 Resp: 22107

Ion	Ratio	Lower	Upper
43	100		
58	56.1	45.4	68.2
57	19.7	16.2	24.4
100	10.6	10.1	15.1

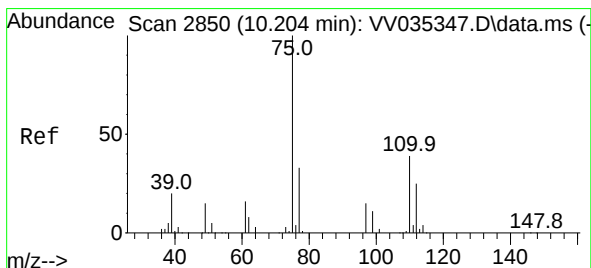
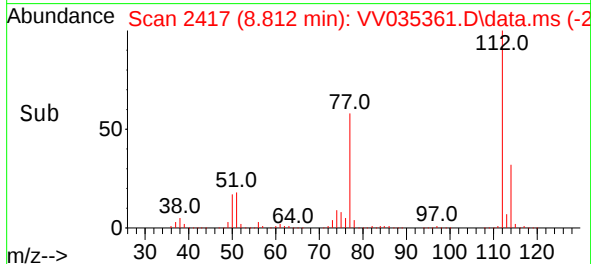
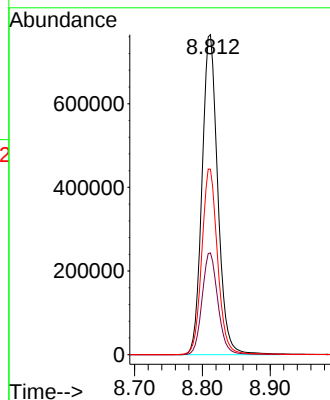
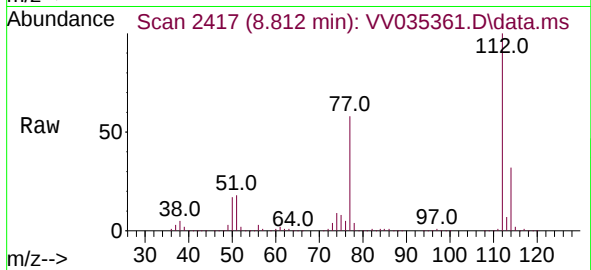




#51
Chlorobenzene
Concen: 135.119 ug/L
RT: 8.812 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV035361.D
Acq: 23 Apr 2024 15:11

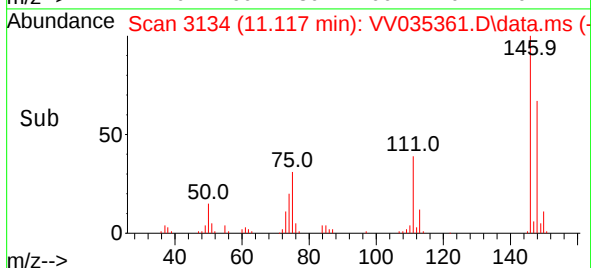
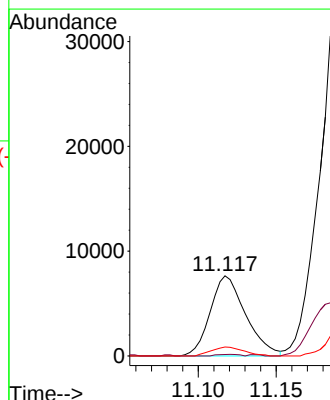
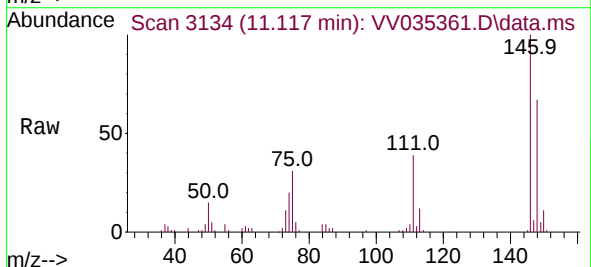
Instrument :
MSVOA_V
ClientSampleId :

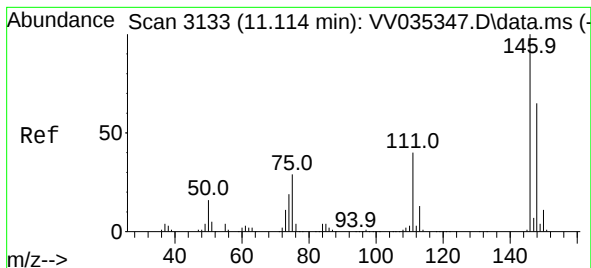
Tgt Ion:112 Resp: 1235381
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 57.9 47.4 71.2



#61
1,2,3-Trichloropropane
Concen: 2.712 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.913 min
Lab File: VV035361.D
Acq: 23 Apr 2024 15:11

Tgt Ion: 75 Resp: 12103
Ion Ratio Lower Upper
75 100
77 1.2 26.0 39.0#
110 10.3 30.5 45.7#





#64

1,3-Dichlorobenzene

Concen: 5.943 ug/L

RT: 11.120 min Scan# 3133

Delta R.T. 0.007 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

Instrument :

MSVOA_V

ClientSampleId :

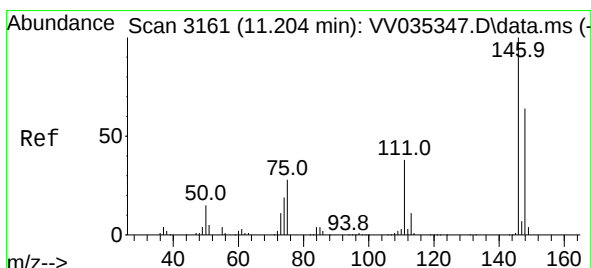
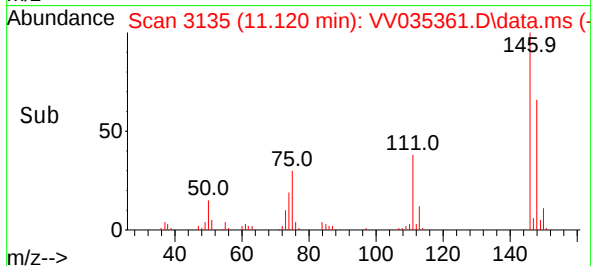
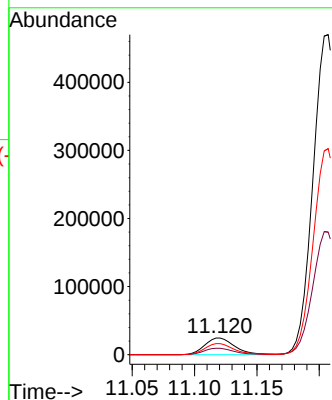
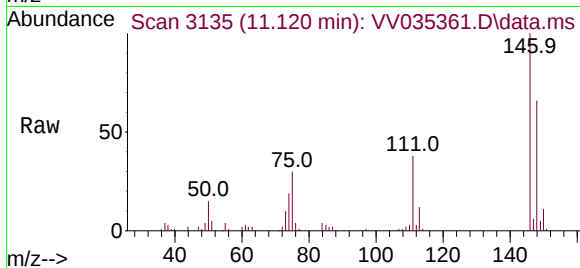
Tgt Ion:146 Resp: 41232

Ion Ratio Lower Upper

146 100

111 37.9 28.7 53.3

148 66.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 103.709 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

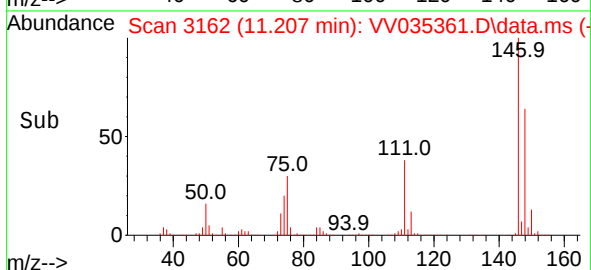
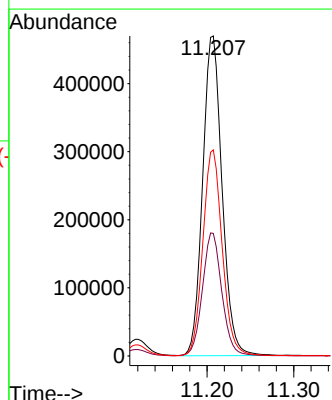
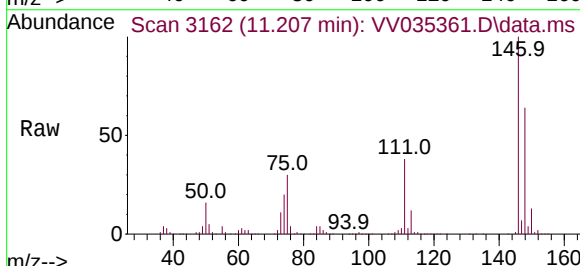
Tgt Ion:146 Resp: 731646

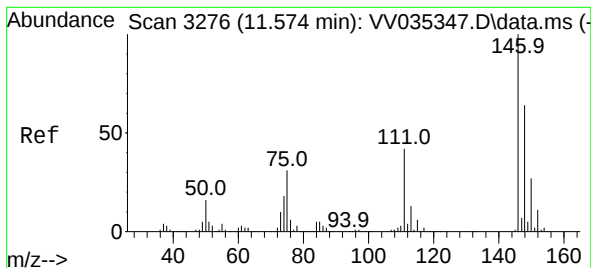
Ion Ratio Lower Upper

146 100

111 38.3 27.4 50.8

148 64.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 73.295 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

Instrument :

MSVOA_V

ClientSampleId :

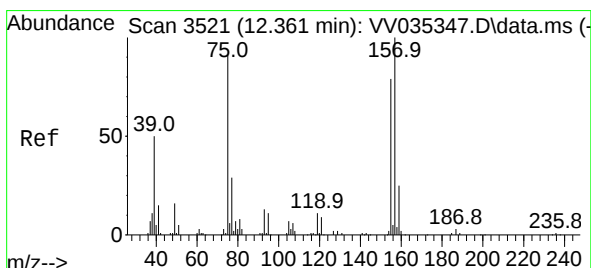
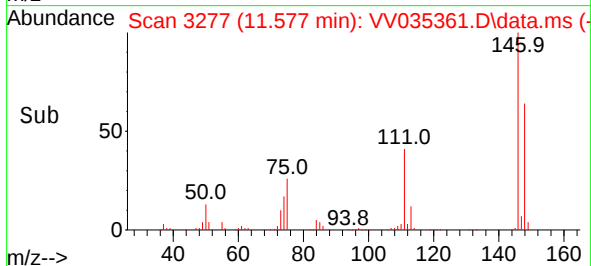
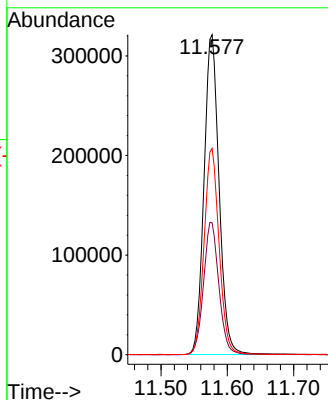
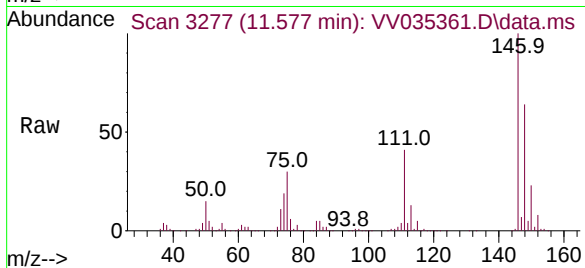
Tgt Ion:146 Resp: 506529

Ion Ratio Lower Upper

146 100

111 41.2 34.6 52.0

148 64.4 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 1.712 ug/L

RT: 12.339 min Scan# 3514

Delta R.T. -0.022 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

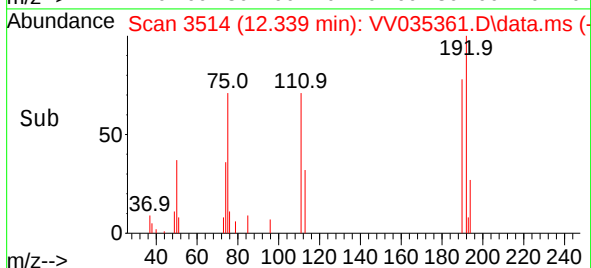
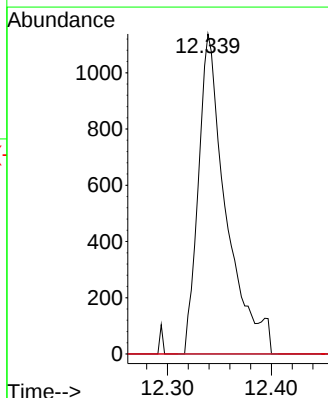
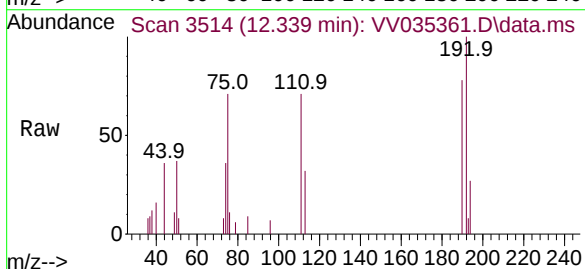
Tgt Ion: 75 Resp: 2105

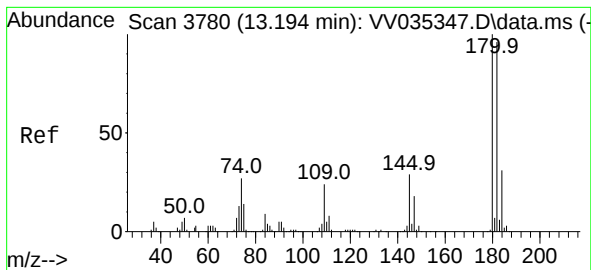
Ion Ratio Lower Upper

75 100

155 0.0 63.0 94.6#

157 0.0 81.0 121.4#





#70

1,2,4-trichlorobenzene

Concen: 77.990 ug/L

RT: 13.197 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

Instrument :

MSVOA_V

ClientSampleId :

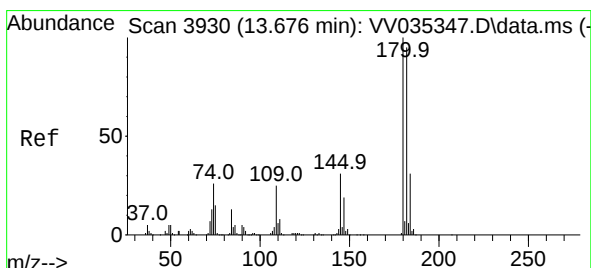
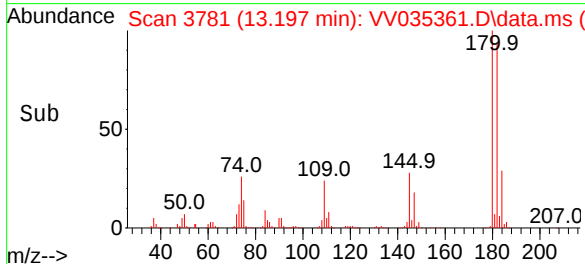
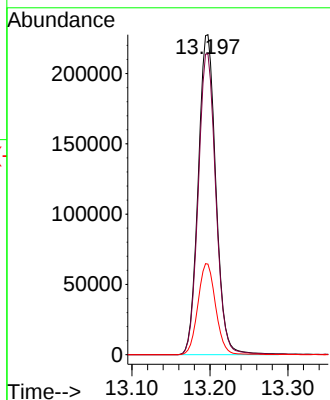
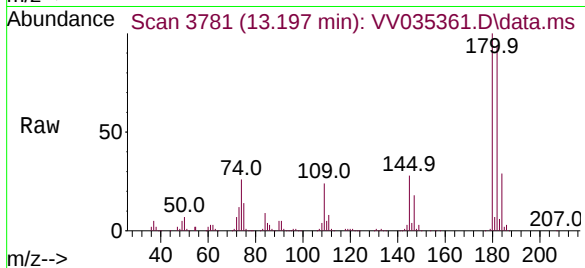
Tgt Ion:180 Resp: 358180

Ion Ratio Lower Upper

180 100

182 93.8 75.6 113.4

145 28.6 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 18.332 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035361.D

Acq: 23 Apr 2024 15:11

Tgt Ion:180 Resp: 82988

Ion Ratio Lower Upper

180 100

182 97.1 76.2 114.2

145 31.4 25.8 38.6

