

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035089.D
 Acq On : 09 Apr 2024 17:51
 Operator : SY/MD
 Sample : P2006-15DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 04:59:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

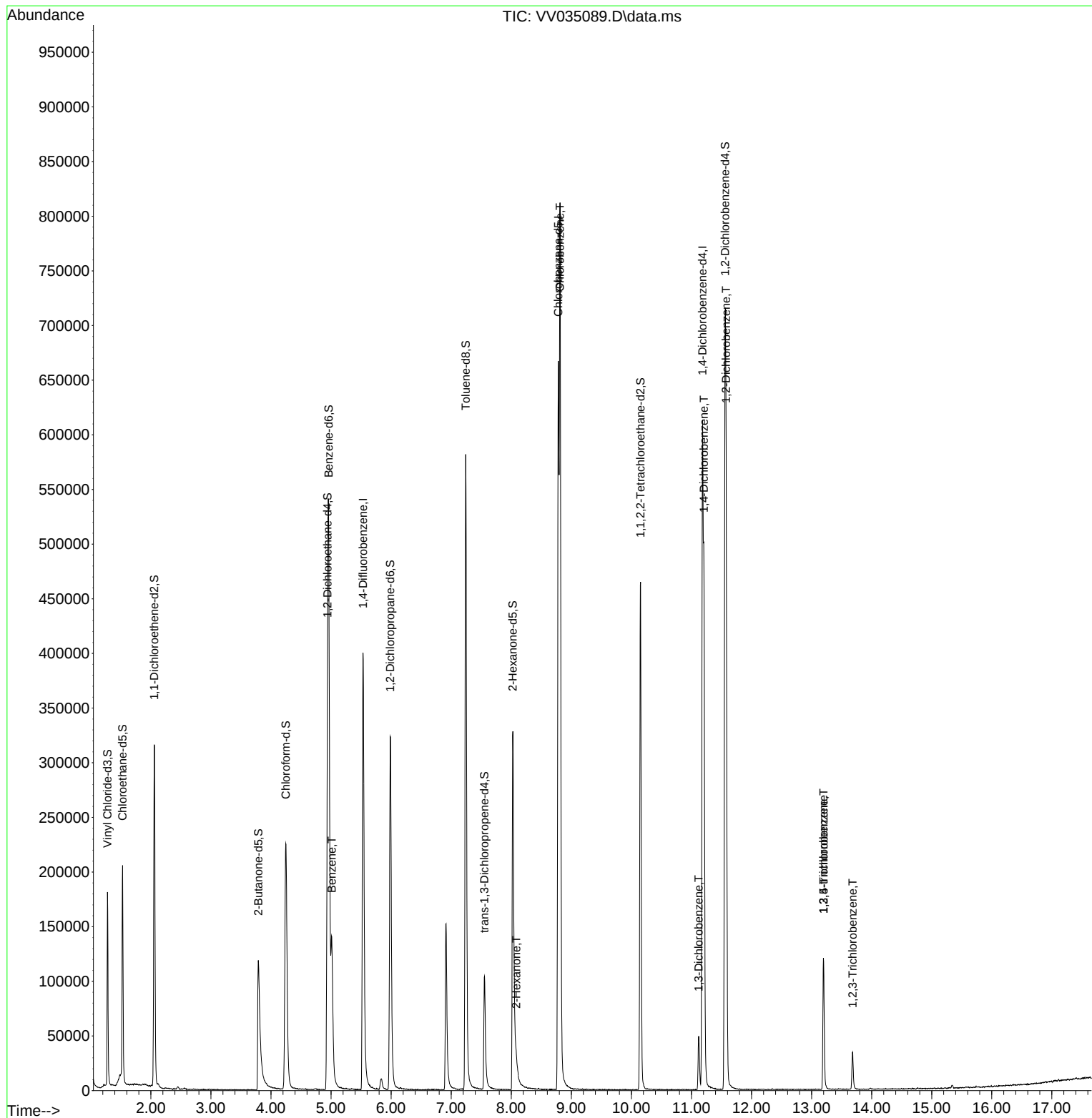
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	347678	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333292	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145941	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	114170	34.002	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.000%		
7) Chloroethane-d5	1.529	69	122194	41.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.800%		
11) 1,1-Dichloroethene-d2	2.056	65	54632	37.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.240%		
21) 2-Butanone-d5	3.789	46	201618	101.245	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.240%		
24) Chloroform-d	4.246	84	244069	43.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.460%		
26) 1,2-Dichloroethane-d4	4.940	65	163615	45.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.300%		
32) Benzene-d6	4.960	84	475536	42.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.960%		
36) 1,2-Dichloropropane-d6	5.985	67	161711	45.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.980%		
41) Toluene-d8	7.243	98	396874	39.363	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.720%#		
43) trans-1,3-Dichloroprop...	7.551	79	66945	38.735	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.460%		
47) 2-Hexanone-d5	8.024	63	109383	81.379	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.380%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	226660	46.298	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.600%		
66) 1,2-Dichlorobenzene-d4	11.561	152	150975	46.075	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.160%		
Target Compounds					Qvalue	
33) Benzene	5.011	78	141883	13.055	ug/L	100
48) 2-Hexanone	8.085	43	15642	4.796	ug/L #	74
51) Chlorobenzene	8.812	112	422918	57.349	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	20778	4.226	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	171780	34.356	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	181273	37.010	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	37372	10.547	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	37372	11.482	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	10499	3.272	ug/L	95

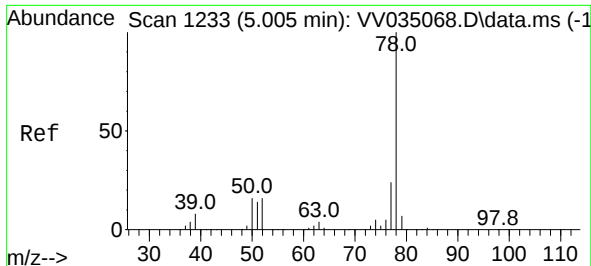
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
Data File : VV035089.D
Acq On : 09 Apr 2024 17:51
Operator : SY/MD
Sample : P2006-15DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 10 04:59:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration

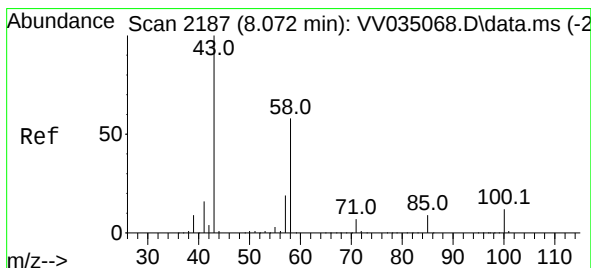
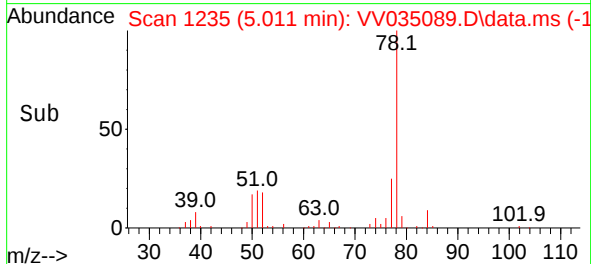
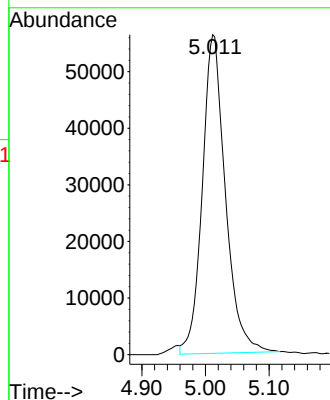
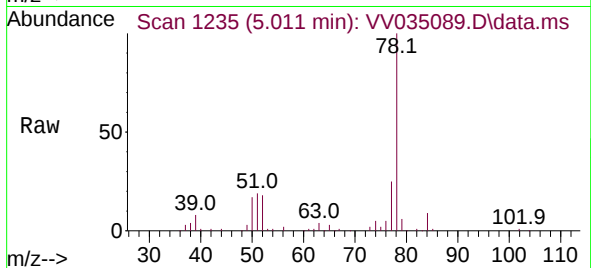




#33
Benzene
Concen: 13.055 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV035089.D
Acq: 09 Apr 2024 17:51

Instrument :
MSVOA_V
ClientSampleId :

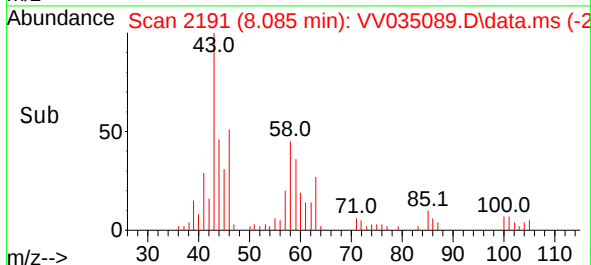
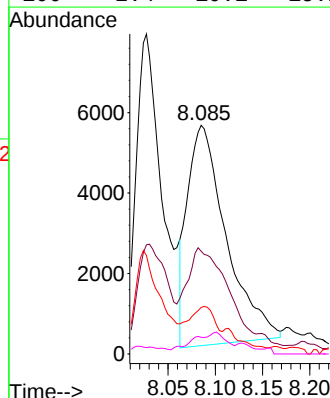
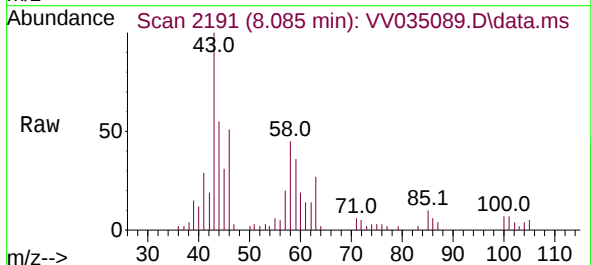
Tgt Ion: 78 Resp: 141883

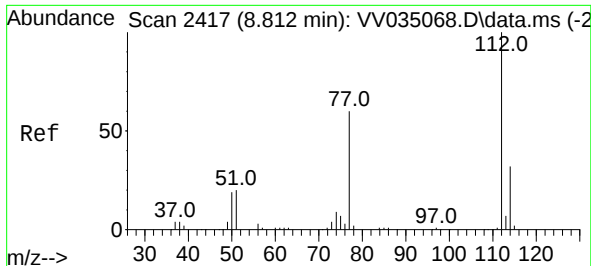


#48
2-Hexanone
Concen: 4.796 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV035089.D
Acq: 09 Apr 2024 17:51

Tgt Ion: 43 Resp: 15642

Ion	Ratio	Lower	Upper
43	100		
58	42.5	45.4	68.2#
57	0.0	16.2	24.4#
100	2.4	10.1	15.1#





#51

Chlorobenzene

Concen: 57.349 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035089.D

Acq: 09 Apr 2024 17:51

Instrument :

MSVOA_V

ClientSampleId :

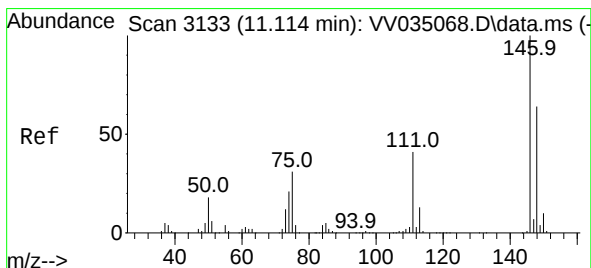
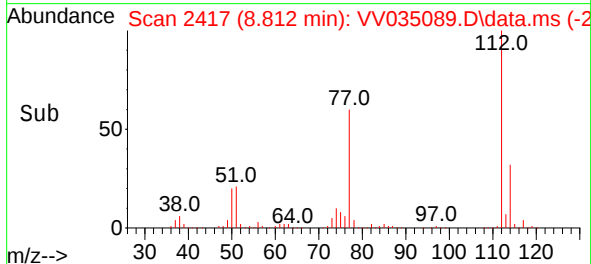
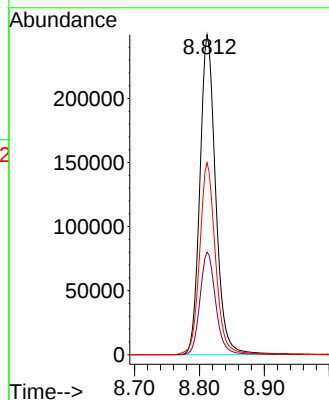
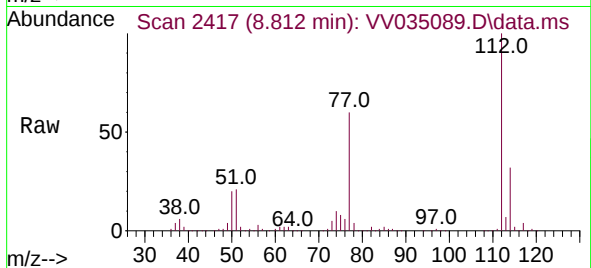
Tgt Ion:112 Resp: 422918

Ion Ratio Lower Upper

112 100

114 32.1 22.0 41.0

77 60.0 47.4 71.2



#64

1,3-Dichlorobenzene

Concen: 4.226 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035089.D

Acq: 09 Apr 2024 17:51

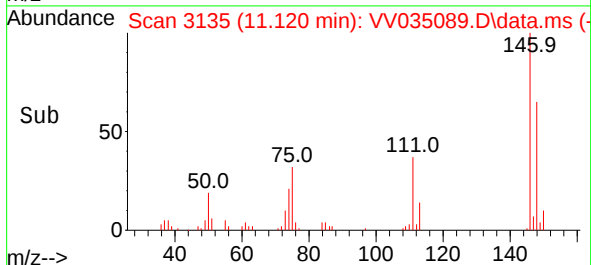
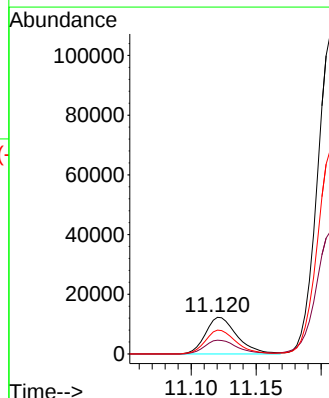
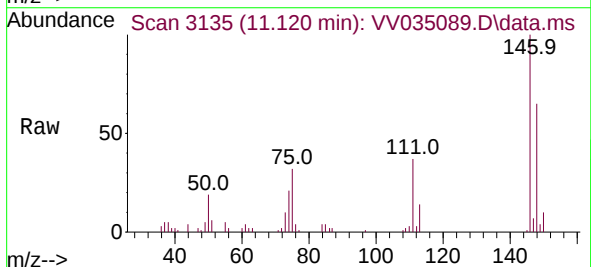
Tgt Ion:146 Resp: 20778

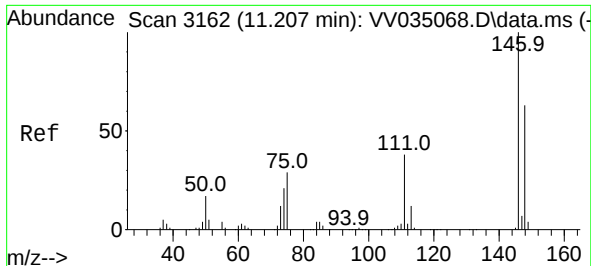
Ion Ratio Lower Upper

146 100

111 37.3 28.7 53.3

148 65.1 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 34.356 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035089.D

Acq: 09 Apr 2024 17:51

Instrument :

MSVOA_V

ClientSampleId :

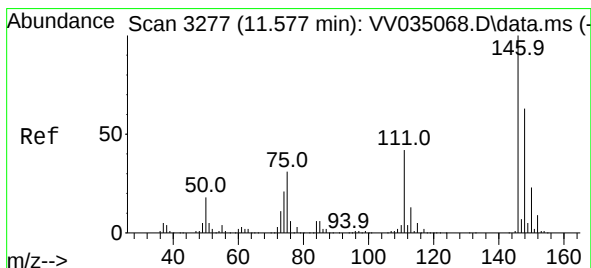
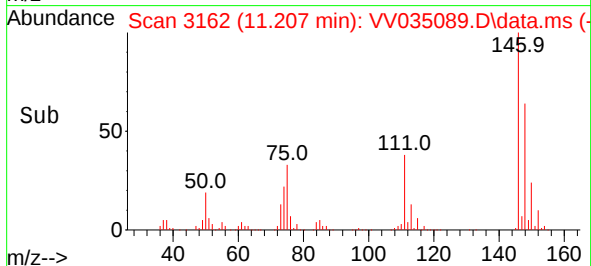
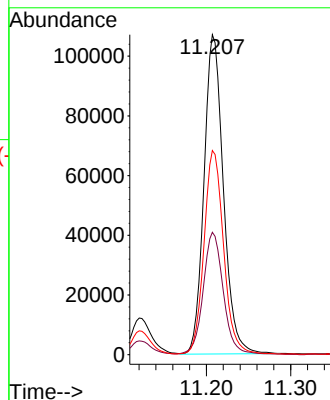
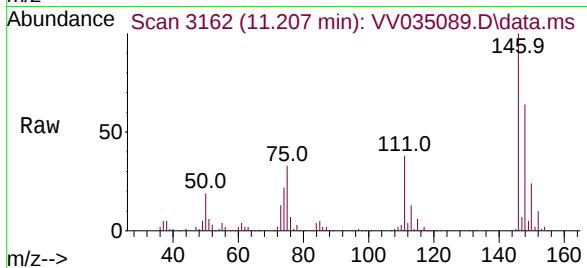
Tgt Ion:146 Resp: 171780

Ion Ratio Lower Upper

146 100

111 38.2 27.4 50.8

148 63.8 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 37.010 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035089.D

Acq: 09 Apr 2024 17:51

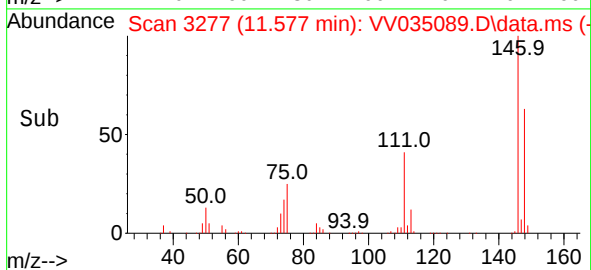
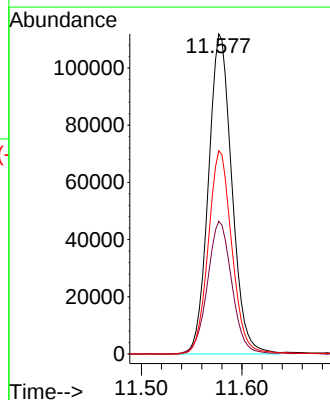
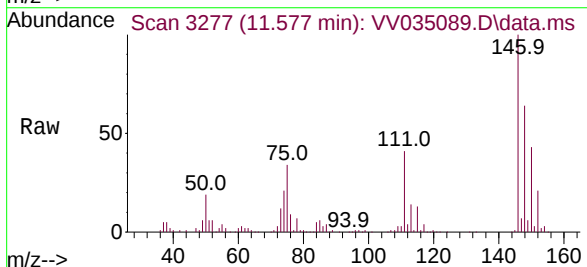
Tgt Ion:146 Resp: 181273

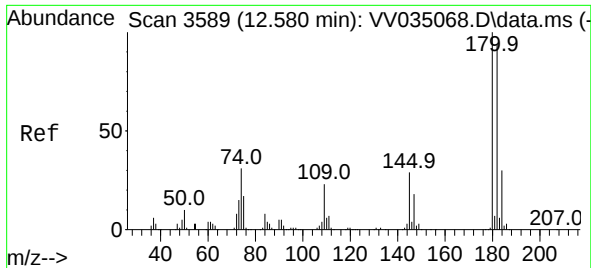
Ion Ratio Lower Upper

146 100

111 41.5 34.6 52.0

148 63.5 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 10.547 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

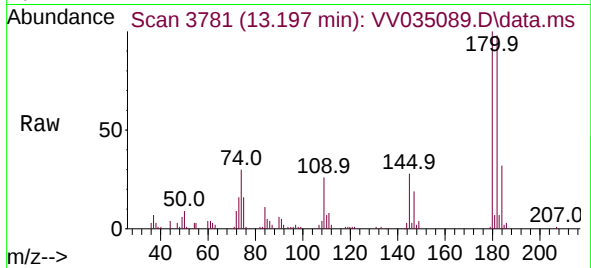
Lab File: VV035089.D

Acq: 09 Apr 2024 17:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 37372

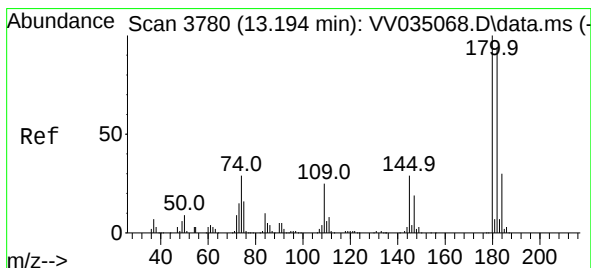
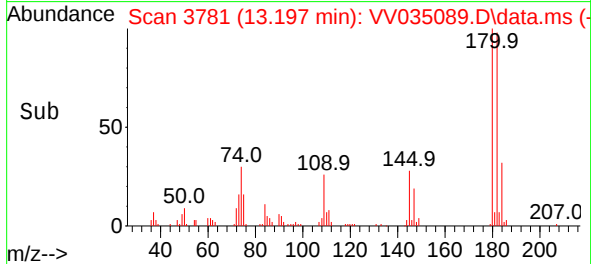
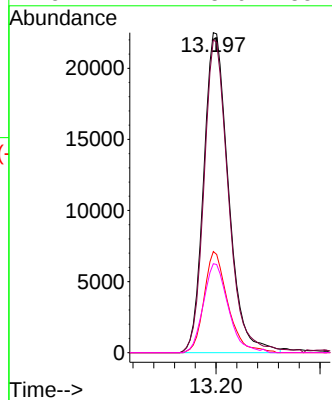
Ion Ratio Lower Upper

180 100

182 96.3 74.7 112.1

184 30.2 24.0 36.0

145 27.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 11.482 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035089.D

Acq: 09 Apr 2024 17:51

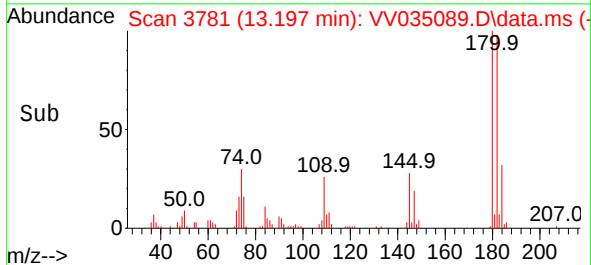
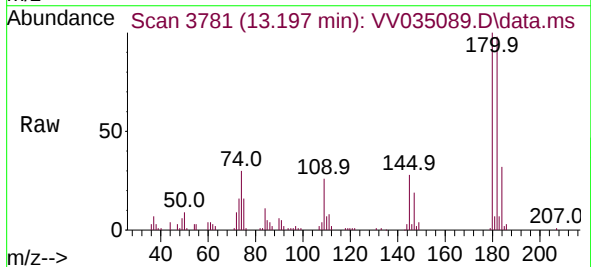
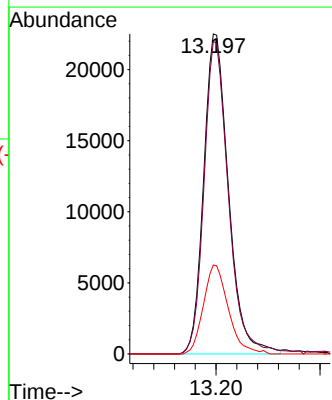
Tgt Ion:180 Resp: 37372

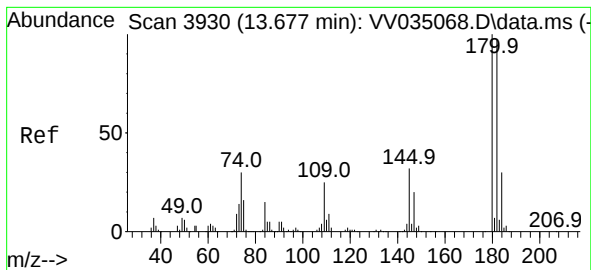
Ion Ratio Lower Upper

180 100

182 96.3 75.6 113.4

145 27.7 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 3.272 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

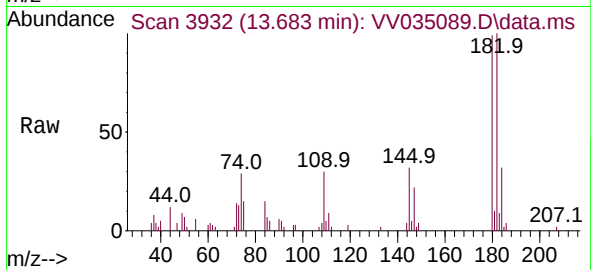
Lab File: VV035089.D

Acq: 09 Apr 2024 17:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10499

Ion Ratio Lower Upper

180 100

182 101.6 76.2 114.2

145 32.0 25.8 38.6

