

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035358.D
 Acq On : 23 Apr 2024 14:01
 Operator : SY/MD
 Sample : P2158-04DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

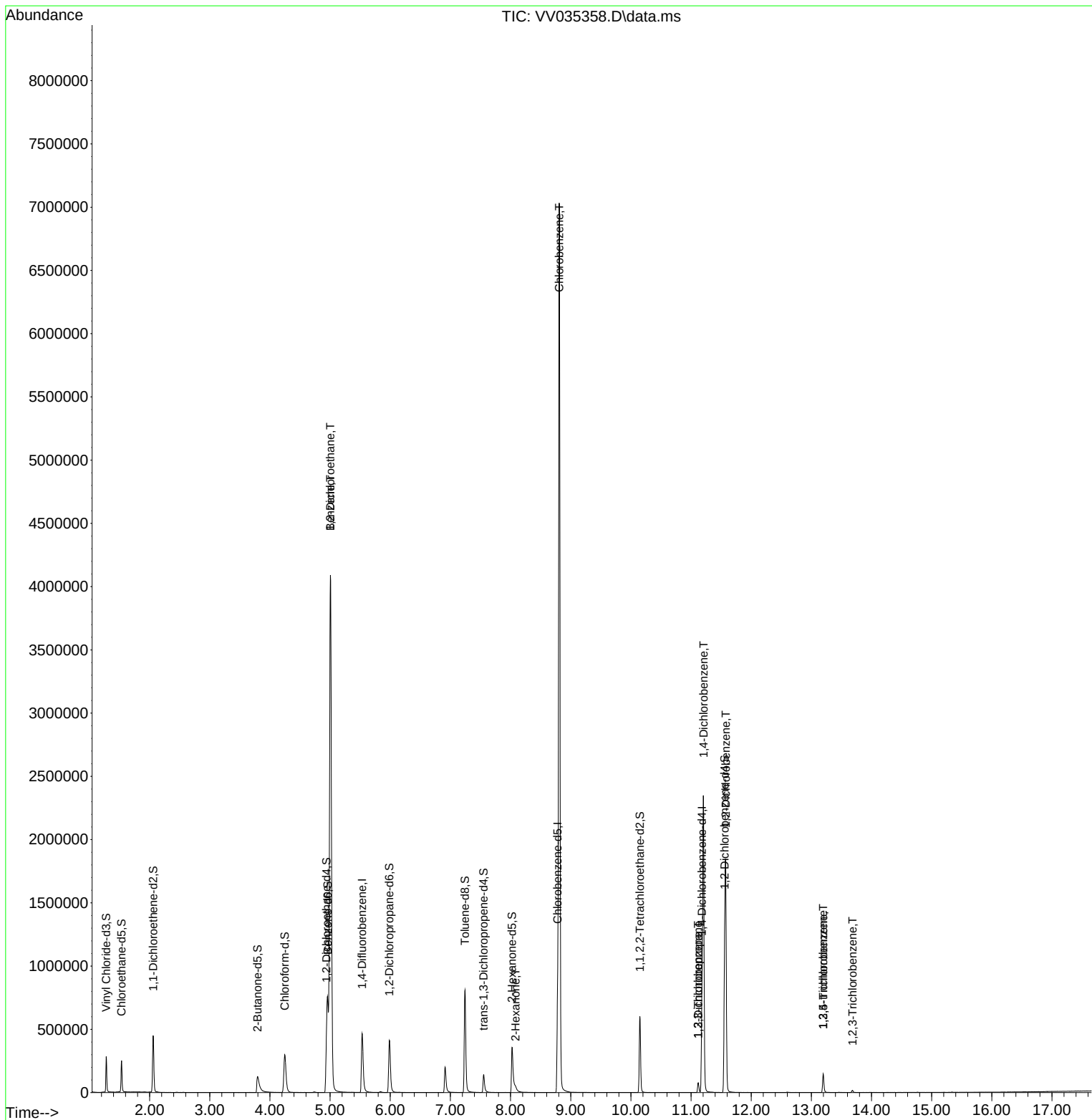
Quant Time: Apr 23 23:29:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

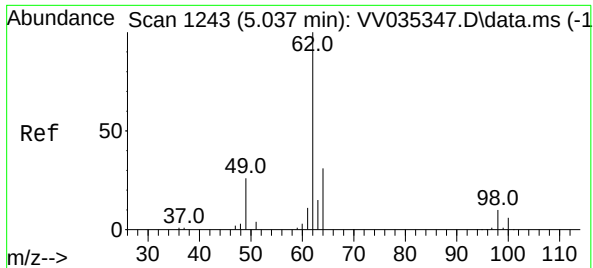
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	421619	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	420403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	202283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	185933	45.664	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.320%		
7) Chloroethane-d5	1.532	69	156849	44.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.700%		
11) 1,1-Dichloroethene-d2	2.060	65	76567	42.898	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.800%		
21) 2-Butanone-d5	3.793	46	210171	87.031	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.030%		
24) Chloroform-d	4.246	84	328121	47.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.860%		
26) 1,2-Dichloroethane-d4	4.941	65	210159	48.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.700%		
32) Benzene-d6	4.960	84	665831	47.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.300%		
36) 1,2-Dichloropropane-d6	5.986	67	212538	47.396	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.800%		
41) Toluene-d8	7.243	98	564909	44.419	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.840%		
43) trans-1,3-Dichloroprop...	7.551	79	88938	40.797	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.600%		
47) 2-Hexanone-d5	8.024	63	122903	72.491	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.490%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	294063	47.620	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.240%		
66) 1,2-Dichlorobenzene-d4	11.558	152	238386	52.488	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.980%		
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	5.005	62	33729	6.830	ug/L #	75
33) Benzene	5.005	78	4262782	310.953	ug/L	100
48) 2-Hexanone	8.082	43	25802	6.272	ug/L #	89
51) Chlorobenzene	8.809	112	3692569	396.969	ug/L	99
61) 1,2,3-Trichloropropane	11.120	75	9495	2.166	ug/L #	48
64) 1,3-Dichlorobenzene	11.120	146	32232	4.730	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	915198	132.059	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	654765	96.447	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	47787	9.730	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	47787	10.592	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	5957	1.340	ug/L	99

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

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QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration

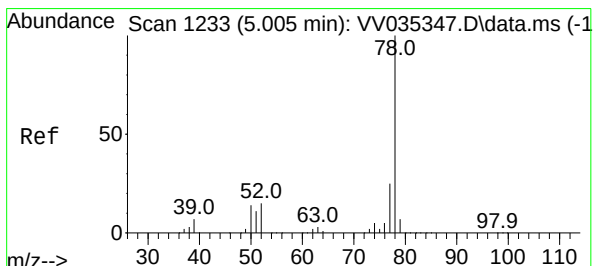
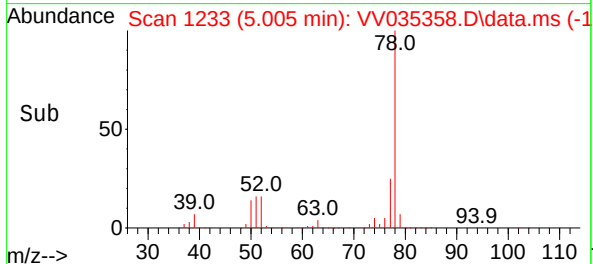
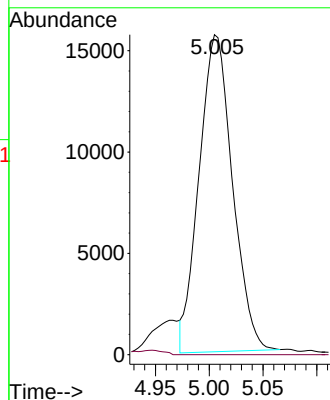
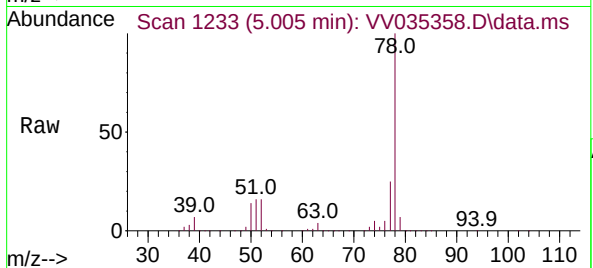




#27
1,2-Dichloroethane
Concen: 6.830 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.032 min
Lab File: VV035358.D
Acq: 23 Apr 2024 14:01

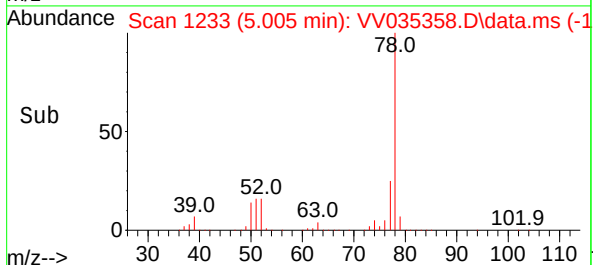
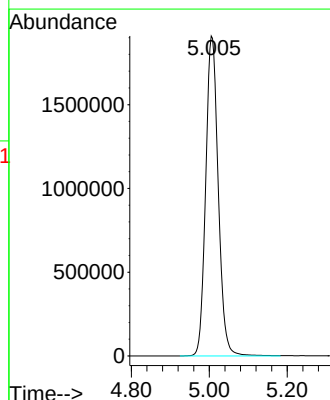
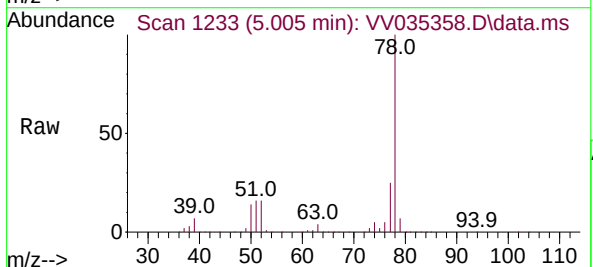
Instrument :
MSVOA_V
ClientSampleId :

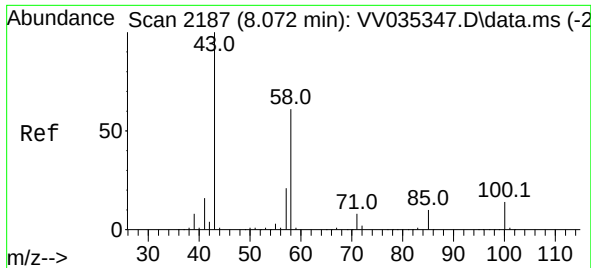
Tgt Ion: 62 Resp: 33729
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#



#33
Benzene
Concen: 310.953 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035358.D
Acq: 23 Apr 2024 14:01

Tgt Ion: 78 Resp: 4262782

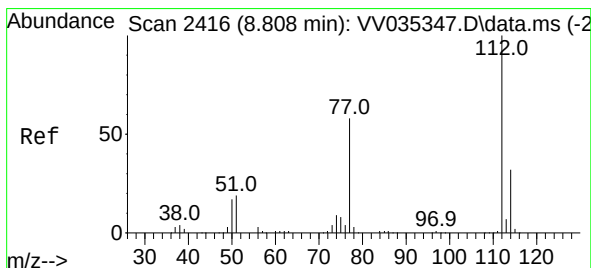
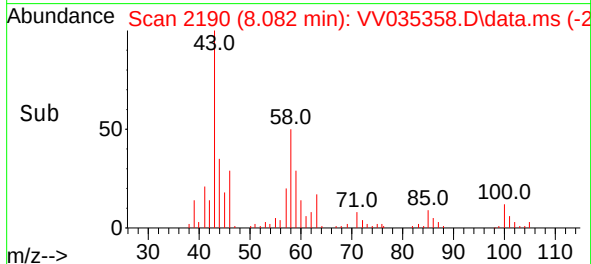
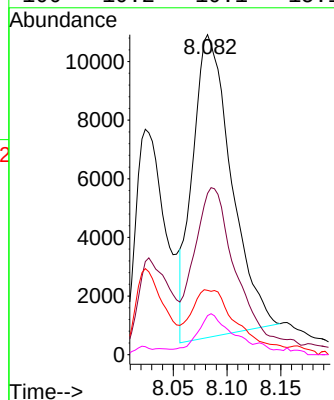
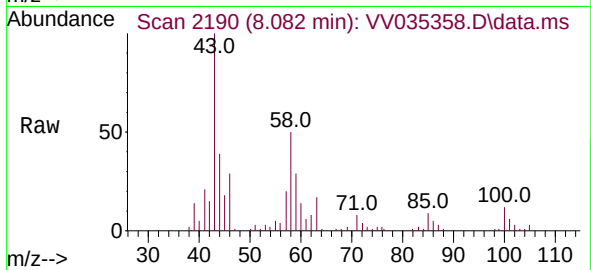




#48
2-Hexanone
Concen: 6.272 ug/L
RT: 8.082 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VV035358.D
Acq: 23 Apr 2024 14:01

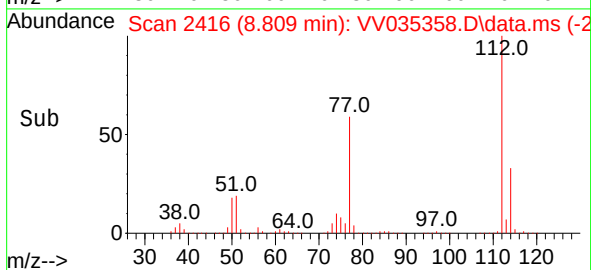
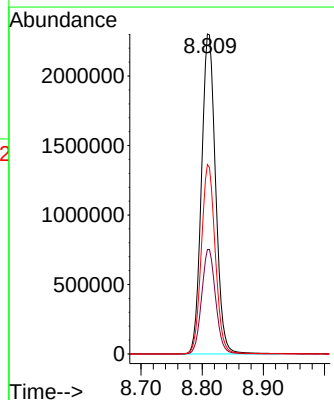
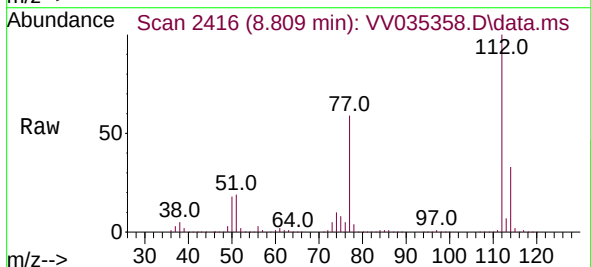
Instrument :
MSVOA_V
ClientSampleId :

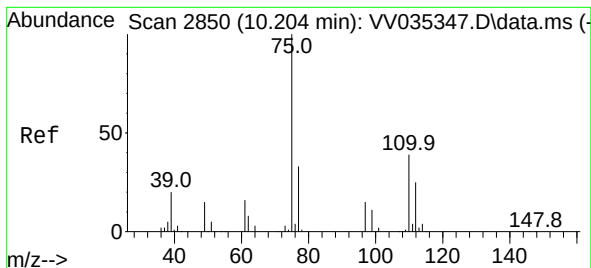
Tgt Ion: 43	Resp: 25802
Ion Ratio	Lower Upper
43 100	
58 59.5	45.4 68.2
57 4.6	16.2 24.4#
100 10.2	10.1 15.1



#51
Chlorobenzene
Concen: 396.969 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035358.D
Acq: 23 Apr 2024 14:01

Tgt	Ion:112	Resp:	3692569
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.0	41.0
77	59.2	47.4	71.2





#61

1,2,3-Trichloropropane

Concen: 2.166 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.916 min

Lab File: VV035358.D

Acq: 23 Apr 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

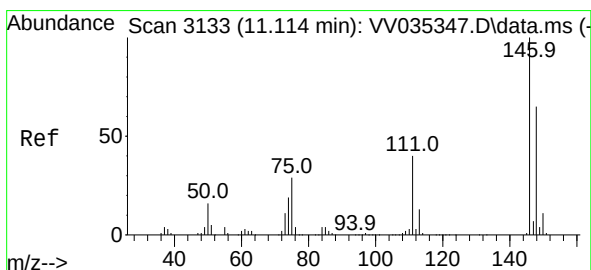
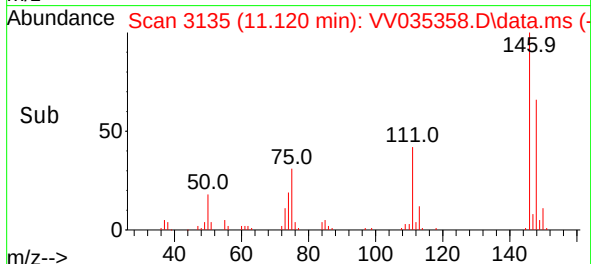
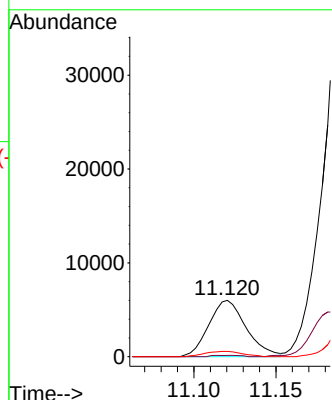
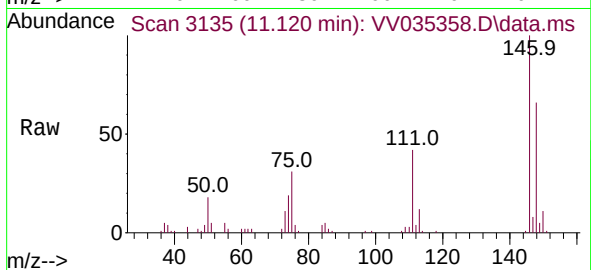
Tgt Ion: 75 Resp: 9495

Ion Ratio Lower Upper

75 100

77 0.8 26.0 39.0#

110 9.5 30.5 45.7#



#64

1,3-Dichlorobenzene

Concen: 4.730 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.007 min

Lab File: VV035358.D

Acq: 23 Apr 2024 14:01

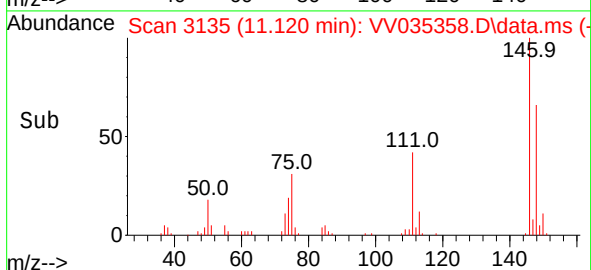
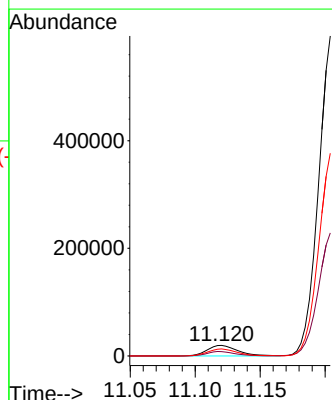
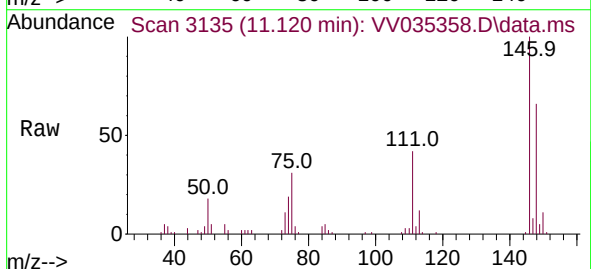
Tgt Ion:146 Resp: 32232

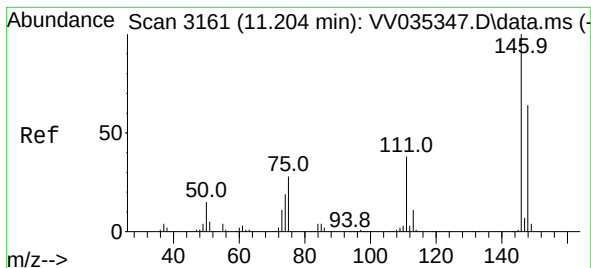
Ion Ratio Lower Upper

146 100

111 41.7 28.7 53.3

148 66.1 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 132.059 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035358.D

Acq: 23 Apr 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

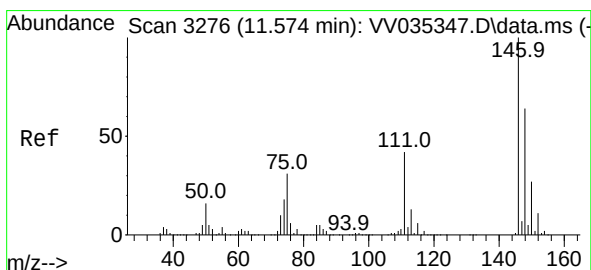
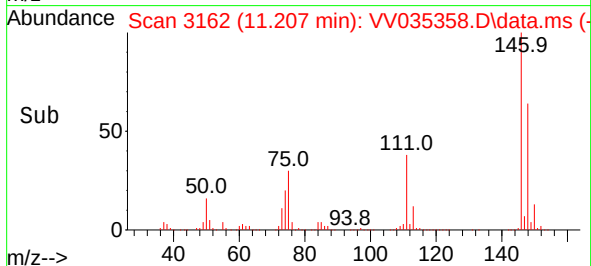
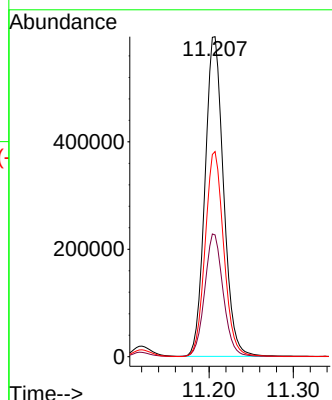
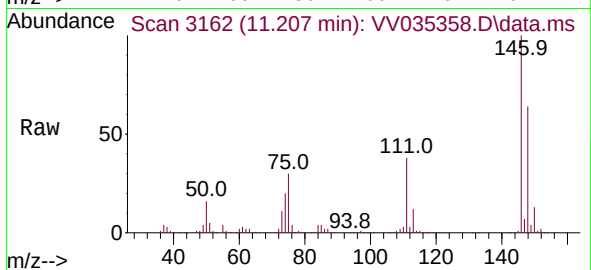
Tgt Ion:146 Resp: 915198

Ion Ratio Lower Upper

146 100

111 38.0 27.4 50.8

148 64.1 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 96.447 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035358.D

Acq: 23 Apr 2024 14:01

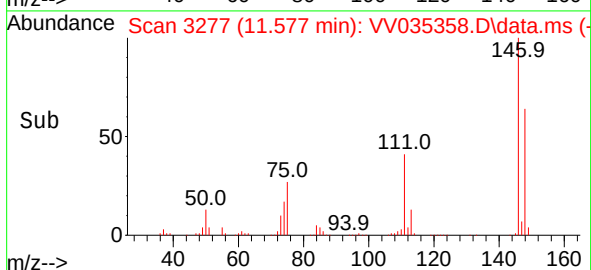
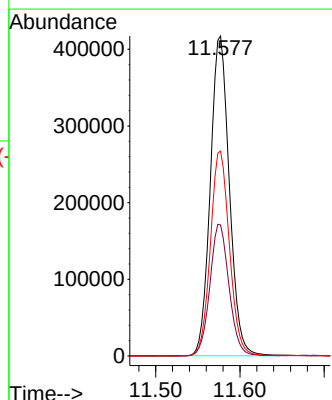
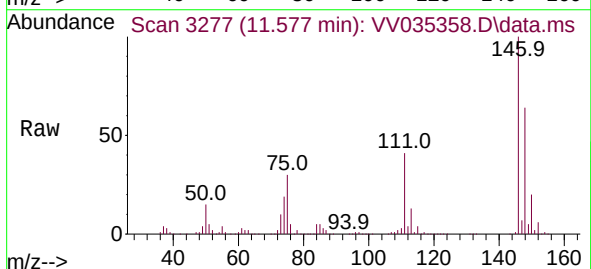
Tgt Ion:146 Resp: 654765

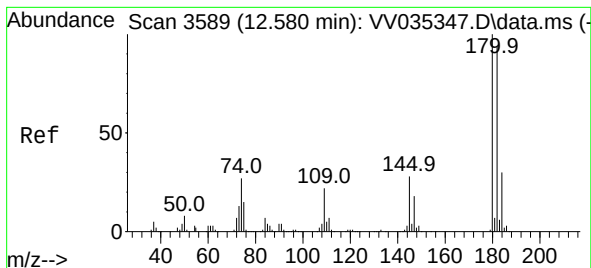
Ion Ratio Lower Upper

146 100

111 40.9 34.6 52.0

148 64.1 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 9.730 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035358.D

Acq: 23 Apr 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 47787

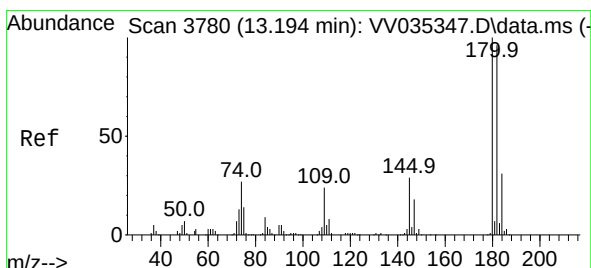
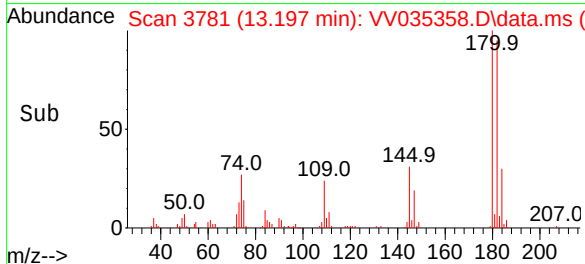
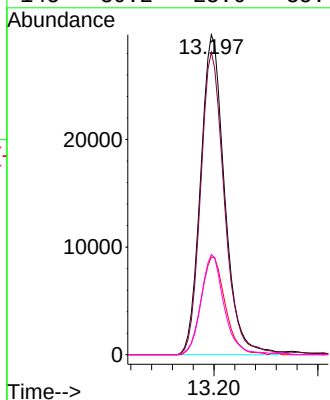
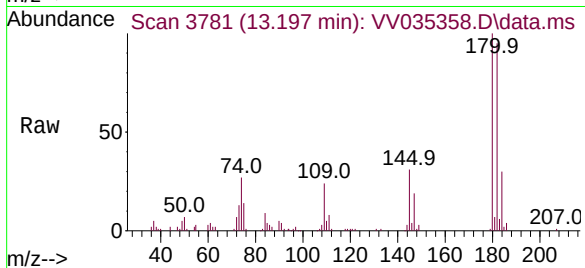
Ion Ratio Lower Upper

180 100

182 93.8 74.7 112.1

184 30.7 24.0 36.0

145 30.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 10.592 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035358.D

Acq: 23 Apr 2024 14:01

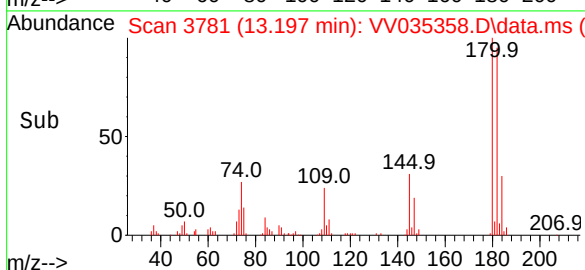
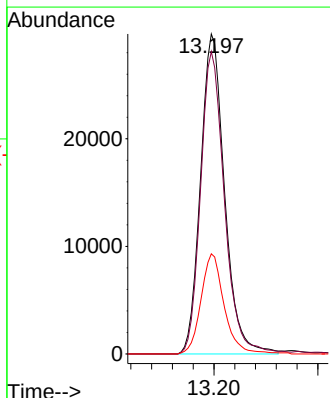
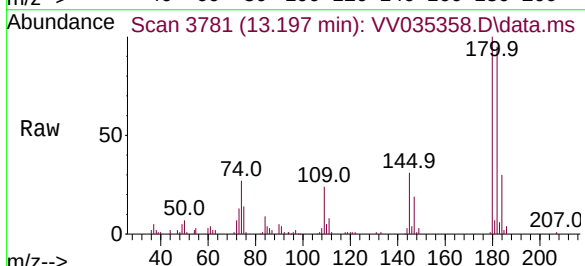
Tgt Ion:180 Resp: 47787

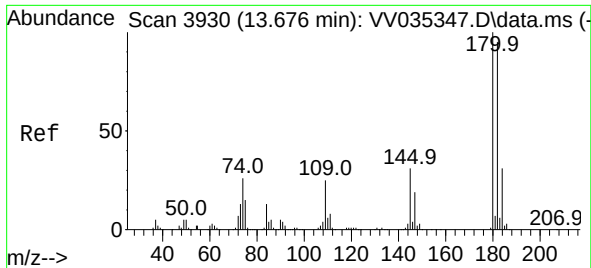
Ion Ratio Lower Upper

180 100

182 93.8 75.6 113.4

145 30.2 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 1.340 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.007 min

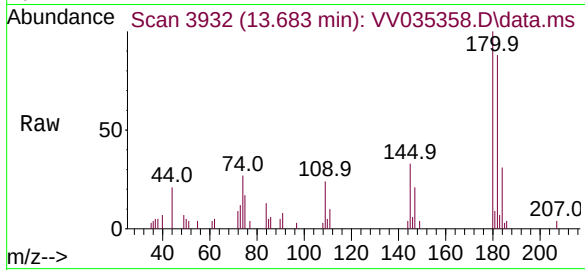
Lab File: VV035358.D

Acq: 23 Apr 2024 14:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5957

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.2

145 31.4 25.8 38.6

