

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042424\
 Data File : VV035380.D
 Acq On : 24 Apr 2024 12:28
 Operator : SY/MD
 Sample : P2158-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 01:59:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

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

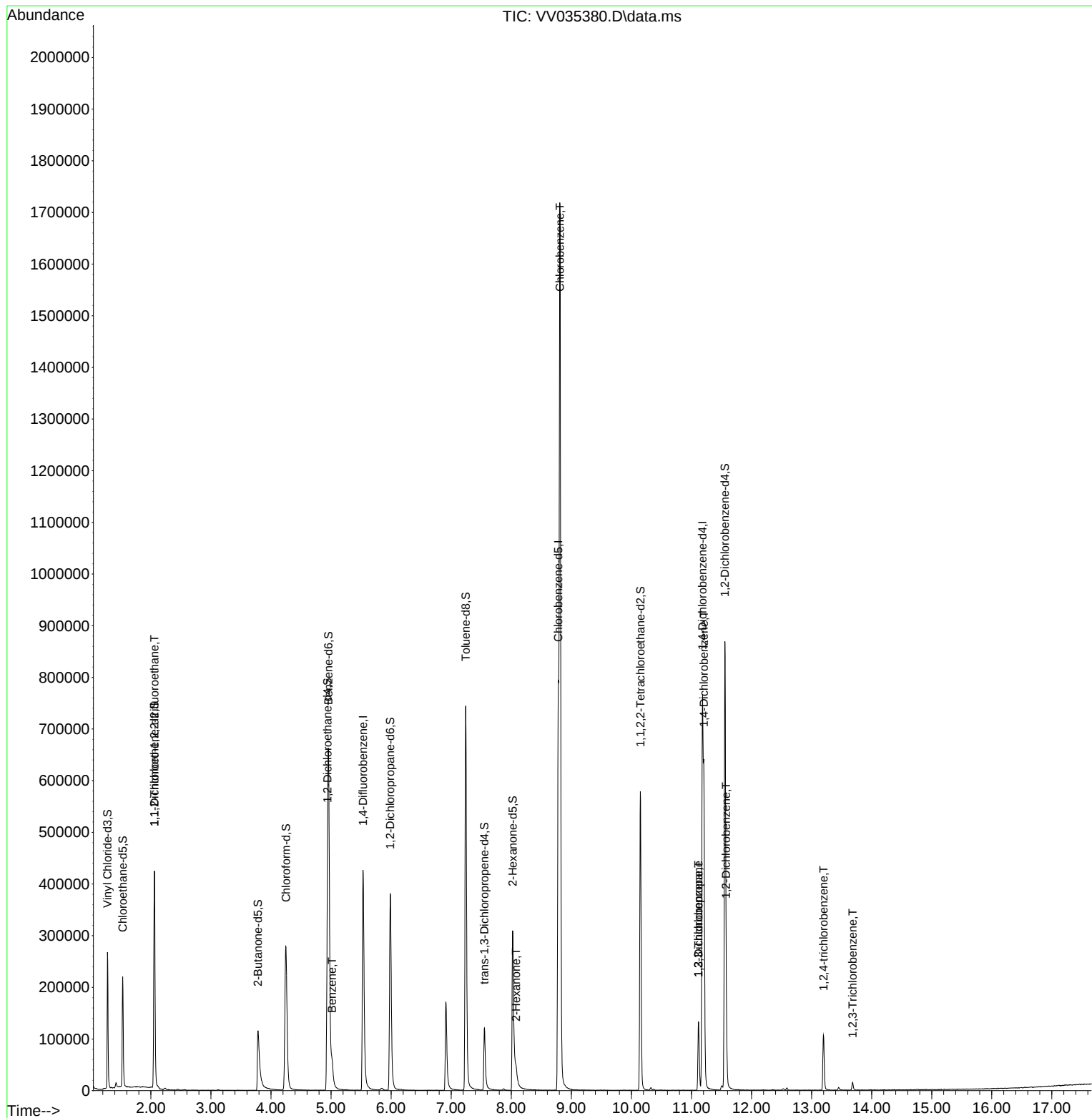
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	380107	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	397392	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	189543	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	172894	47.099	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.200%		
7) Chloroethane-d5	1.532	69	143791	45.098	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.200%		
11) 1,1-Dichloroethene-d2	2.059	65	72824	45.256	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.520%		
21) 2-Butanone-d5	3.783	46	183143	84.121	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.120%		
24) Chloroform-d	4.249	84	309467	50.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.280%		
26) 1,2-Dichloroethane-d4	4.940	65	194038	49.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.040%		
32) Benzene-d6	4.956	84	609776	45.681	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.360%		
36) 1,2-Dichloropropane-d6	5.985	67	198064	46.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.460%		
41) Toluene-d8	7.243	98	520089	43.263	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.520%		
43) trans-1,3-Dichloroprop...	7.551	79	79314	38.489	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.980%		
47) 2-Hexanone-d5	8.024	63	105220	65.655	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	65.650%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	279388	47.863	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.720%		
66) 1,2-Dichlorobenzene-d4	11.557	152	222201	52.213	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.420%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	2229	0.747	ug/L #	24
33) Benzene	5.014	78	59029	4.555	ug/L	100
48) 2-Hexanone	8.082	43	26054	6.700	ug/L #	81
51) Chlorobenzene	8.812	112	933649	106.184	ug/L	98
61) 1,2,3-Trichloropropane	11.117	75	15502	3.774	ug/L #	50
64) 1,3-Dichlorobenzene	11.117	146	57249	8.965	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	234168	36.060	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	49711	7.815	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	35439	8.383	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	5386	1.293	ug/L	98

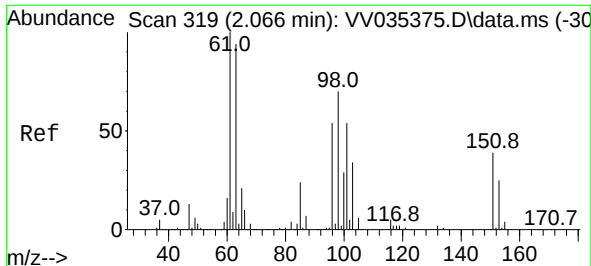
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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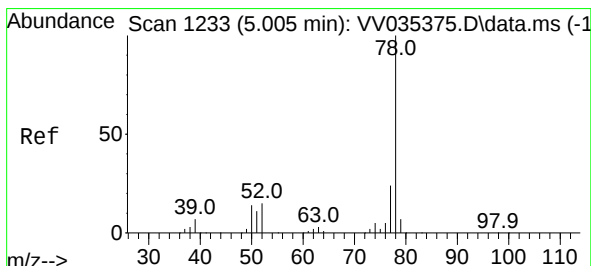
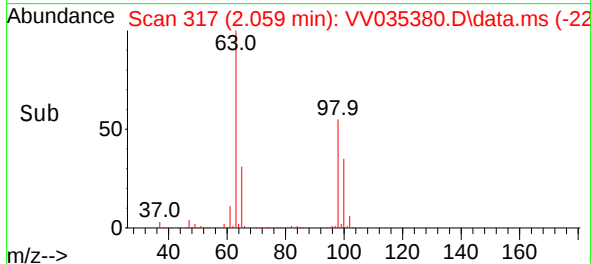
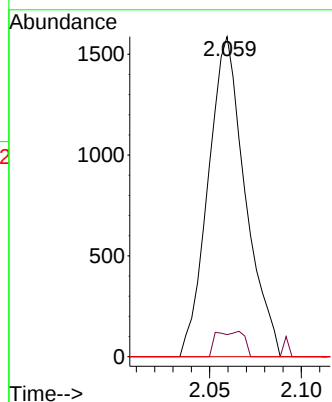
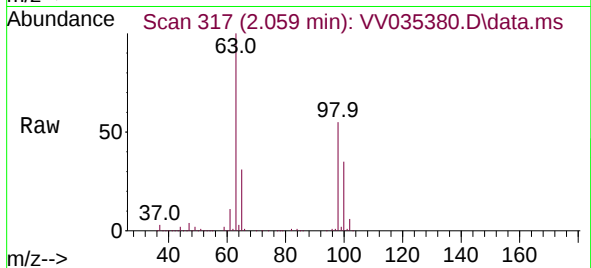




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.747 ug/L
RT: 2.059 min Scan# 319
Delta R.T. -0.006 min
Lab File: VV035380.D
Acq: 24 Apr 2024 12:28

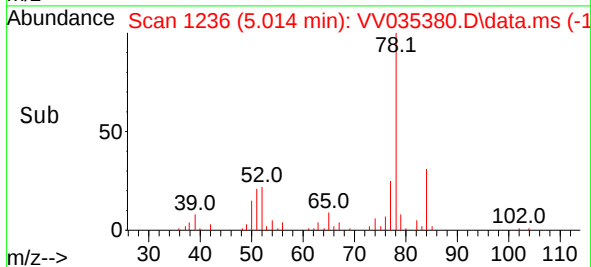
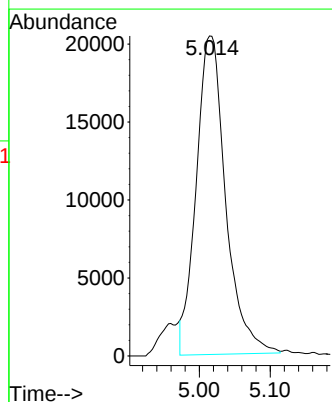
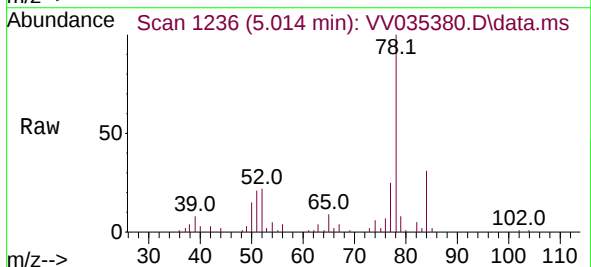
Instrument :
MSVOA_V
ClientSampleId :

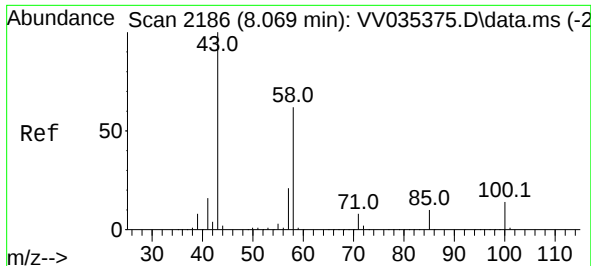
Tgt Ion:101 Resp: 2229
Ion Ratio Lower Upper
101 100
85 3.0 35.3 52.9#
151 0.0 55.0 82.4#



#33
Benzene
Concen: 4.555 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV035380.D
Acq: 24 Apr 2024 12:28

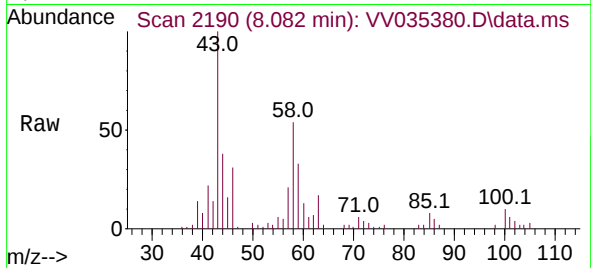
Tgt Ion: 78 Resp: 59029





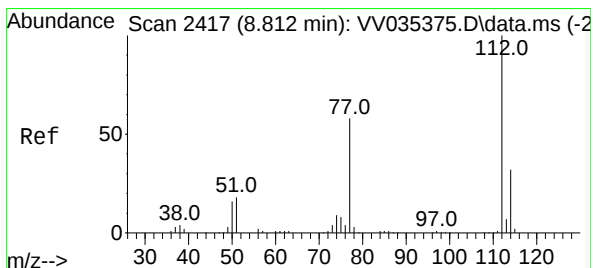
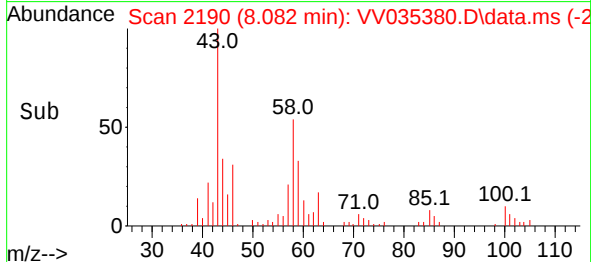
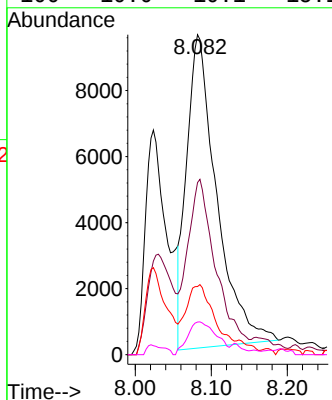
#48
2-Hexanone
Concen: 6.700 ug/L
RT: 8.082 min Scan# 2186
Delta R.T. 0.013 min
Lab File: VV035380.D
Acq: 24 Apr 2024 12:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 26054

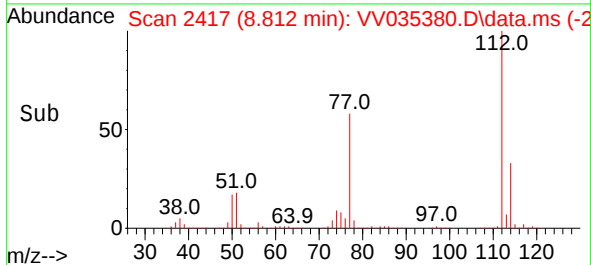
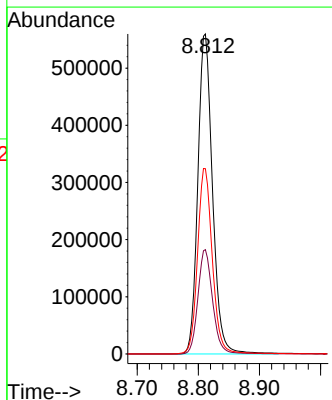
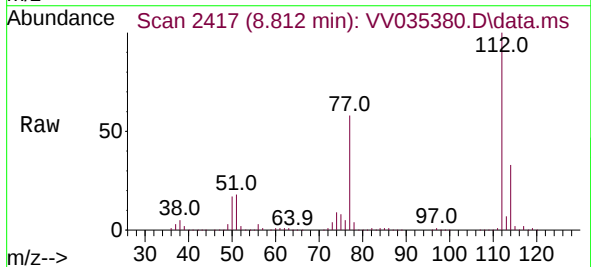
Ion	Ratio	Lower	Upper
43	100		
58	38.2	45.4	68.2#
57	16.7	16.2	24.4
100	10.0	10.1	15.1#

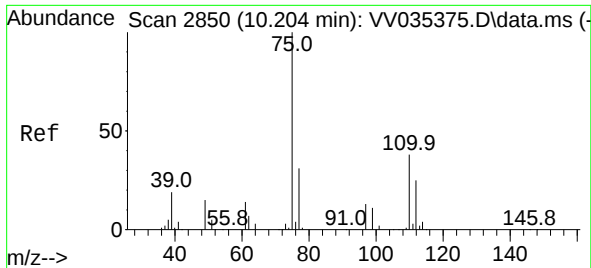


#51
Chlorobenzene
Concen: 106.184 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035380.D
Acq: 24 Apr 2024 12:28

Tgt Ion: 112 Resp: 933649

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.0	41.0
77	57.9	47.4	71.2





#61

1,2,3-Trichloropropane

Concen: 3.774 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.913 min

Lab File: VV035380.D

Acq: 24 Apr 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

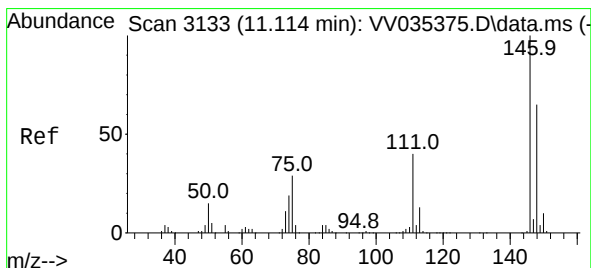
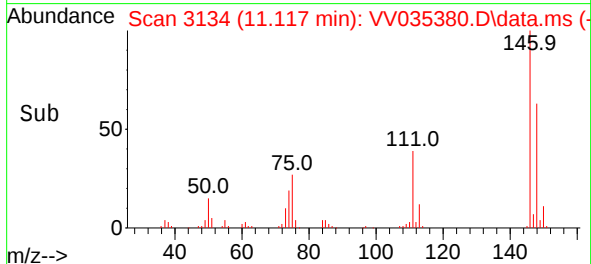
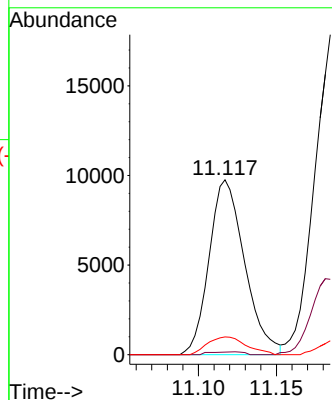
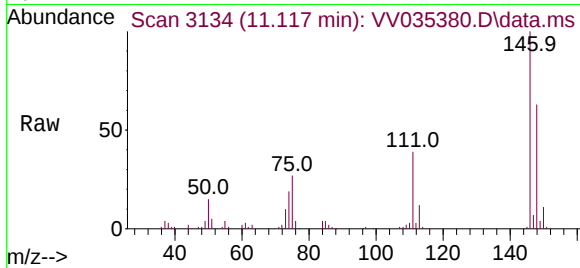
Tgt Ion: 75 Resp: 15502

Ion Ratio Lower Upper

75 100

77 0.5 26.0 39.0#

110 11.1 30.5 45.7#



#64

1,3-Dichlorobenzene

Concen: 8.965 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV035380.D

Acq: 24 Apr 2024 12:28

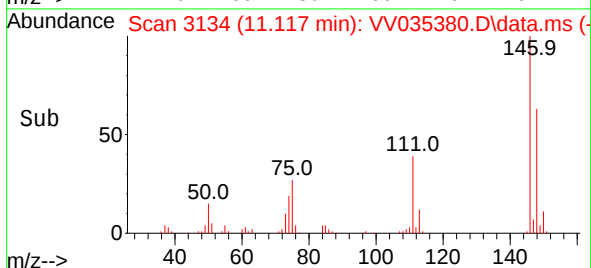
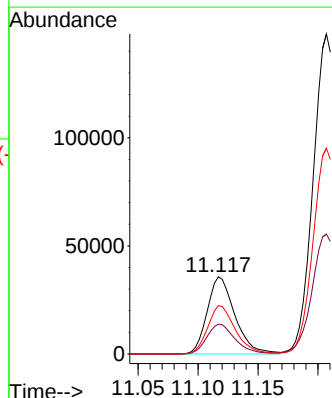
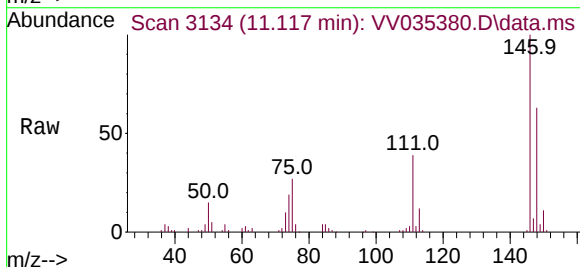
Tgt Ion:146 Resp: 57249

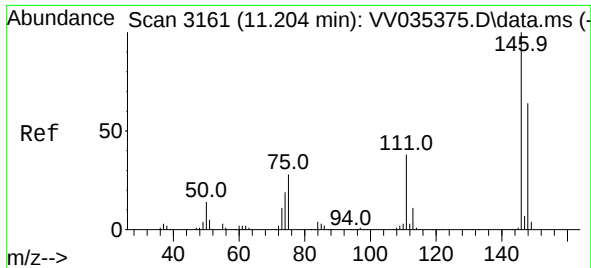
Ion Ratio Lower Upper

146 100

111 38.6 28.7 53.3

148 62.5 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 36.060 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035380.D

Acq: 24 Apr 2024 12:28

Instrument :

MSVOA_V

ClientSampleId :

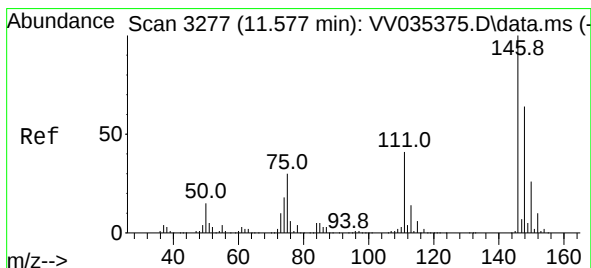
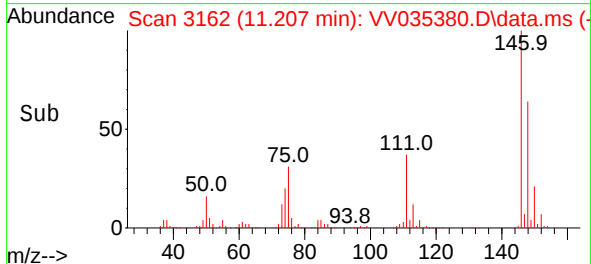
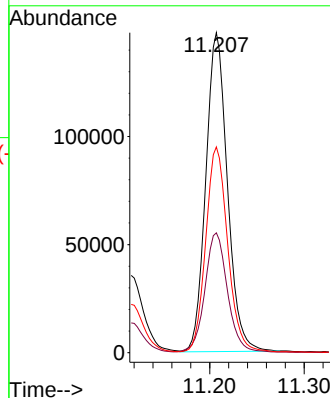
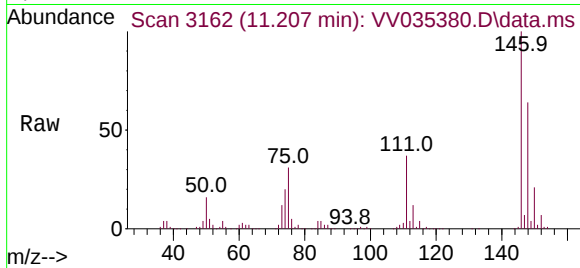
Tgt Ion:146 Resp: 234168

Ion Ratio Lower Upper

146 100

111 37.4 27.4 50.8

148 64.3 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 7.815 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035380.D

Acq: 24 Apr 2024 12:28

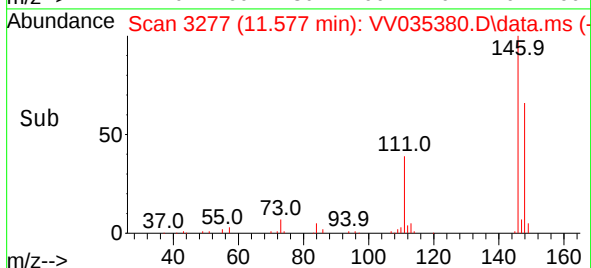
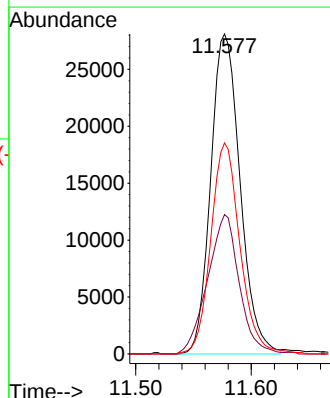
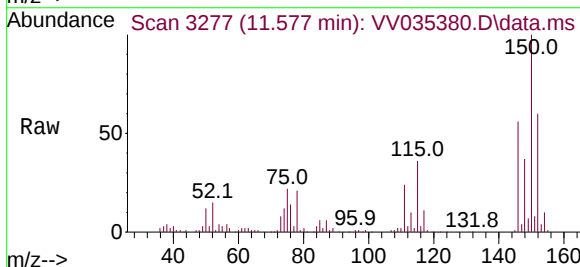
Tgt Ion:146 Resp: 49711

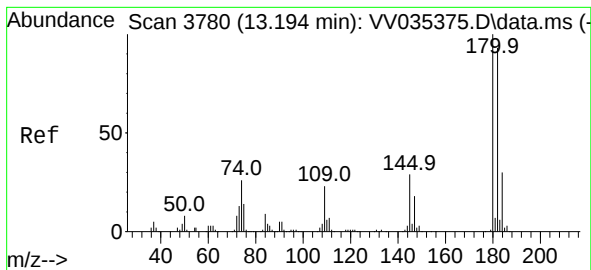
Ion Ratio Lower Upper

146 100

111 43.6 34.6 52.0

148 65.9 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 8.383 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035380.D

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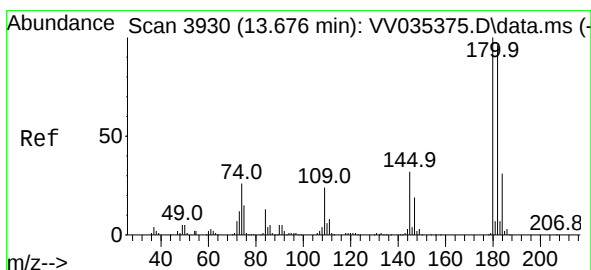
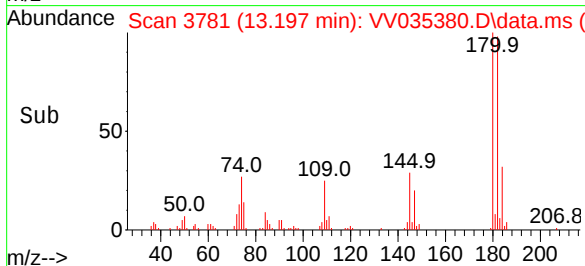
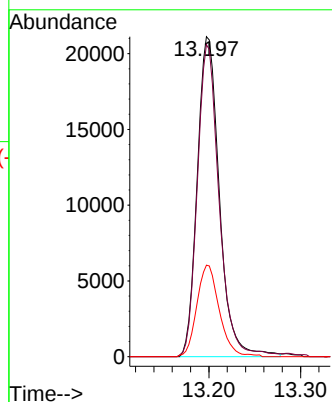
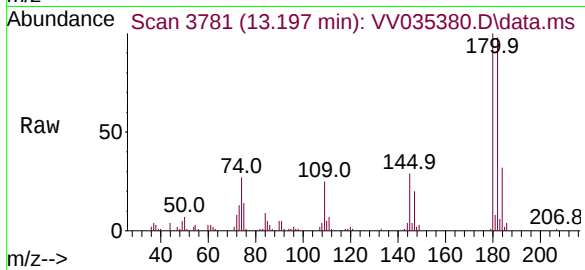
Tgt Ion:180 Resp: 35439

Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

145 28.7 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 1.293 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035380.D

Acq: 24 Apr 2024 12:28

Tgt Ion:180 Resp: 5386

Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 28.6 25.8 38.6

