

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035033.D
 Acq On : 06 Apr 2024 03:02
 Operator : SY/MD
 Sample : P2009-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 04:08:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

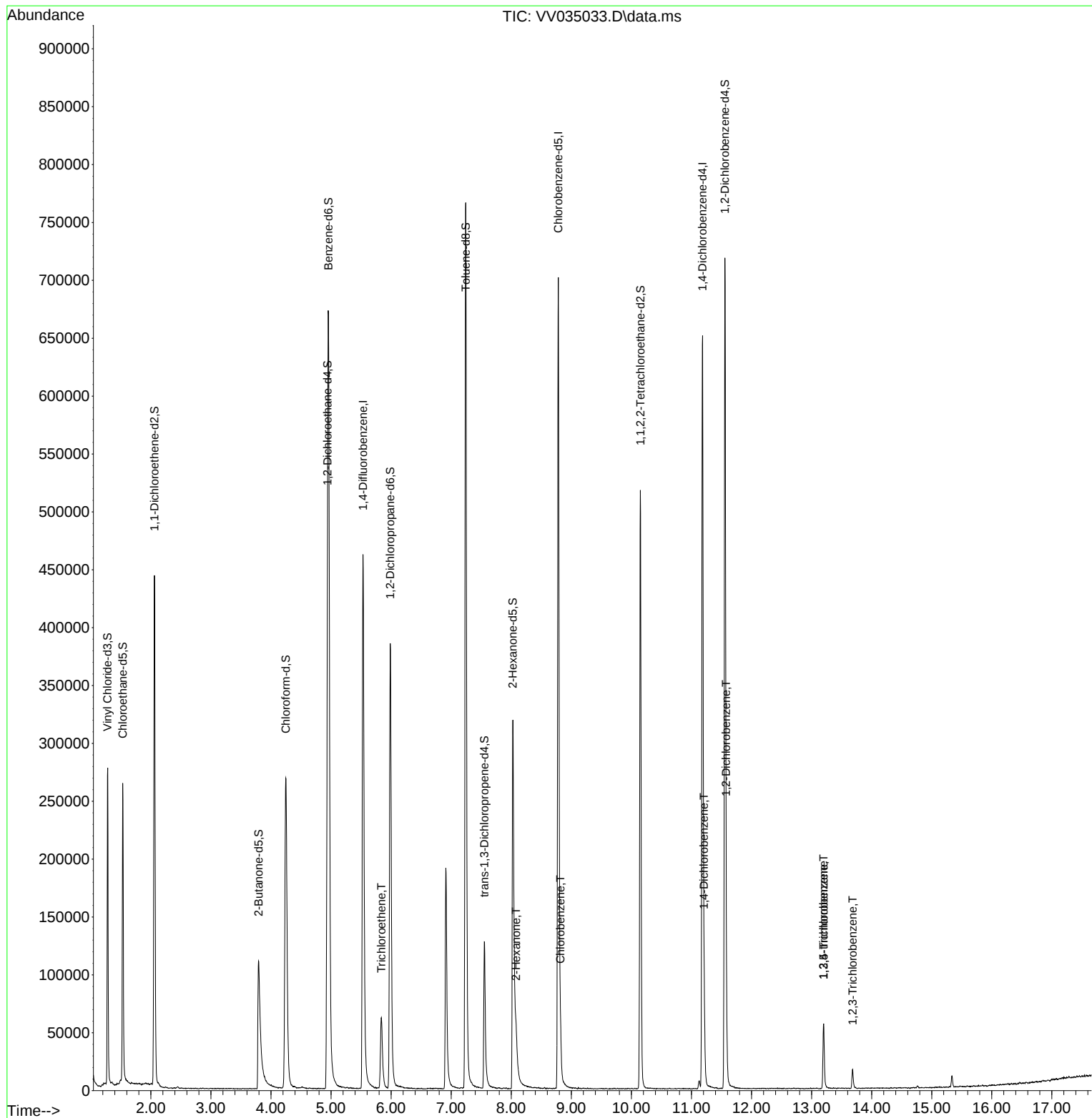
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	399644	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	376188	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162856	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	176413	45.708	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.420%		
7) Chloroethane-d5	1.532	69	159668	47.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.260%		
11) 1,1-Dichloroethene-d2	2.060	65	77220	45.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.280%		
21) 2-Butanone-d5	3.793	46	206391	90.165	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.170%		
24) Chloroform-d	4.246	84	291541	44.927	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.860%		
26) 1,2-Dichloroethane-d4	4.940	65	190910	46.338	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.680%		
32) Benzene-d6	4.957	84	610578	48.319	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.640%		
36) 1,2-Dichloropropane-d6	5.985	67	195864	48.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.620%		
41) Toluene-d8	7.243	98	527047	46.313	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.620%		
43) trans-1,3-Dichloroprop...	7.551	79	78259	40.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.240%		
47) 2-Hexanone-d5	8.024	63	104715	69.022	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	69.020%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	246844	44.672	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.340%		
66) 1,2-Dichlorobenzene-d4	11.558	152	180675	49.412	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.820%		
Target Compounds					Qvalue	
34) Trichloroethene	5.838	95	21562	6.513	ug/L	97
48) 2-Hexanone	8.082	43	27019	7.340	ug/L #	92
51) Chlorobenzene	8.818	112	29302	3.520	ug/L	93
65) 1,4-Dichlorobenzene	11.210	146	33635	6.028	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	24125	4.414	ug/L	96
69) 1,3,5-Trichlorobenzene	13.201	180	17964	4.543	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	17964	4.946	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	5158	1.441	ug/L	95

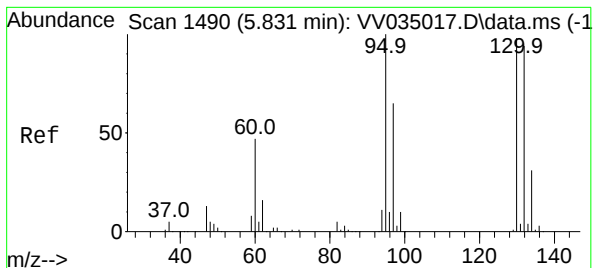
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration





#34

Trichloroethene

Concen: 6.513 ug/L

RT: 5.838 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VV035033.D

Acq: 06 Apr 2024 03:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 21562

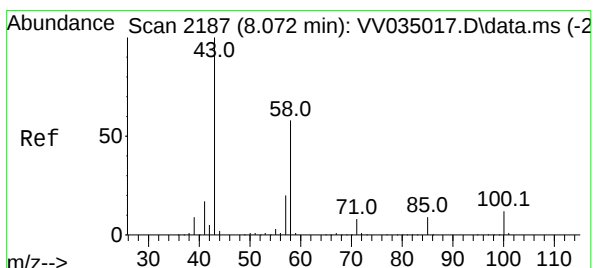
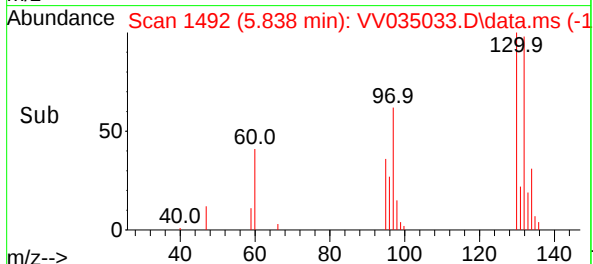
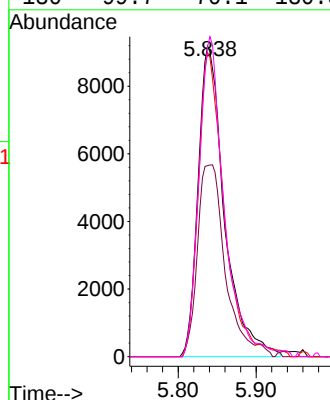
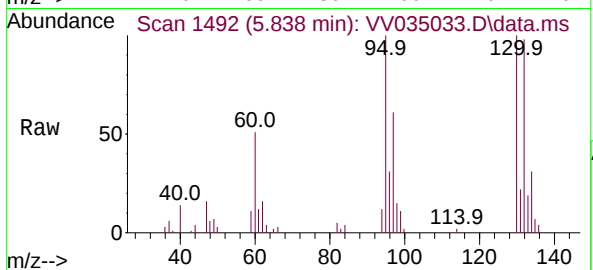
Ion Ratio Lower Upper

95 100

97 61.5 45.3 84.1

132 97.9 65.3 121.3

130 99.7 70.1 130.3



#48

2-Hexanone

Concen: 7.340 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.010 min

Lab File: VV035033.D

Acq: 06 Apr 2024 03:02

Tgt Ion: 43 Resp: 27019

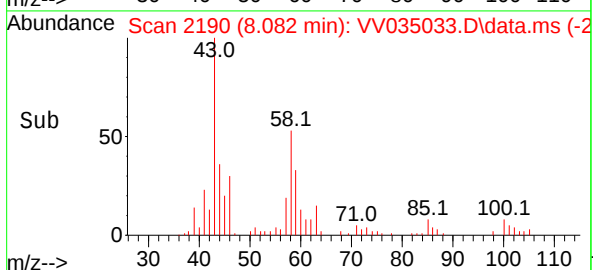
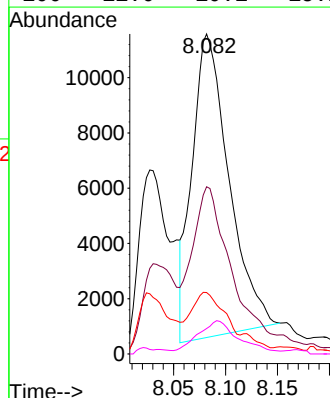
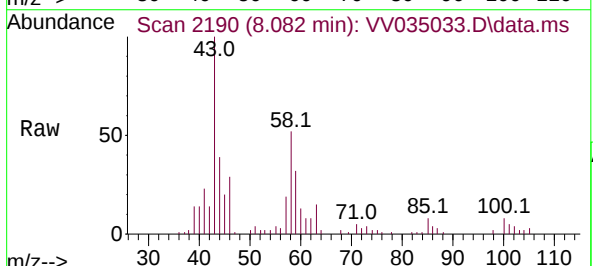
Ion Ratio Lower Upper

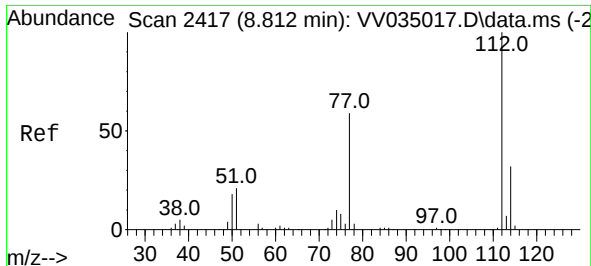
43 100

58 51.9 45.4 68.2

57 13.0 16.2 24.4#

100 11.0 10.1 15.1





#51

Chlorobenzene

Concen: 3.520 ug/L

RT: 8.818 min Scan# 2417

Delta R.T. 0.006 min

Lab File: VV035033.D

Acq: 06 Apr 2024 03:02

Instrument :

MSVOA_V

ClientSampleId :

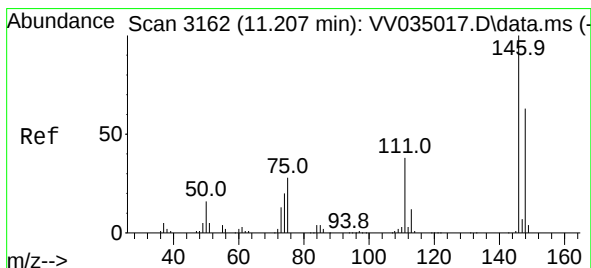
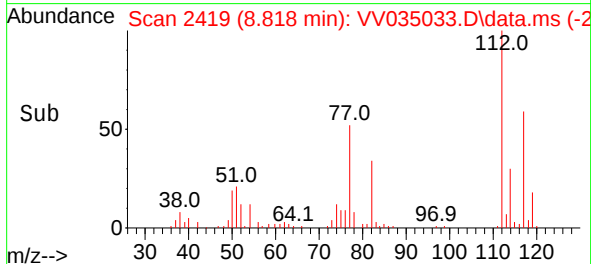
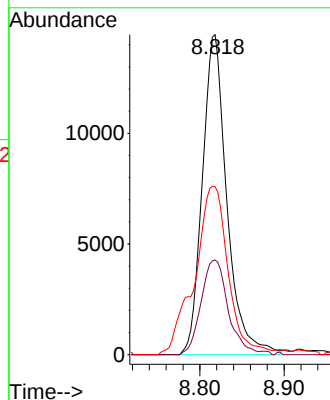
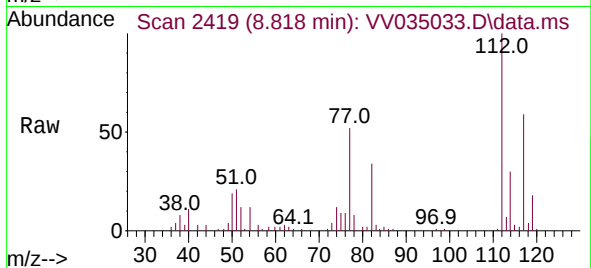
Tgt Ion:112 Resp: 29302

Ion Ratio Lower Upper

112 100

114 29.6 22.0 41.0

77 52.5 47.4 71.2



#65

1,4-Dichlorobenzene

Concen: 6.028 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV035033.D

Acq: 06 Apr 2024 03:02

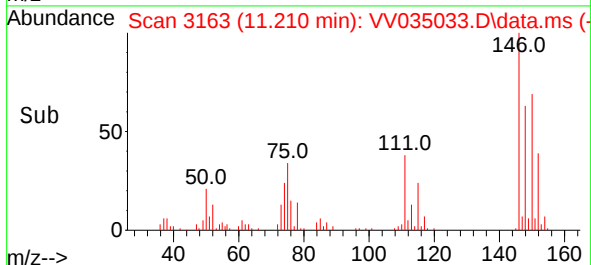
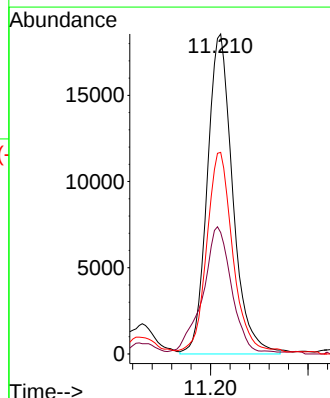
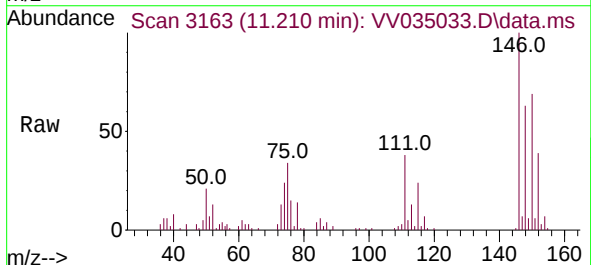
Tgt Ion:146 Resp: 33635

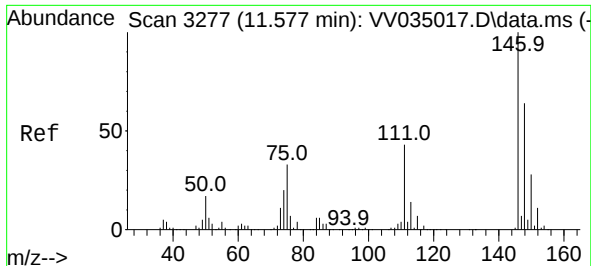
Ion Ratio Lower Upper

146 100

111 38.0 27.4 50.8

148 63.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 4.414 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035033.D

Acq: 06 Apr 2024 03:02

Instrument :

MSVOA_V

ClientSampleId :

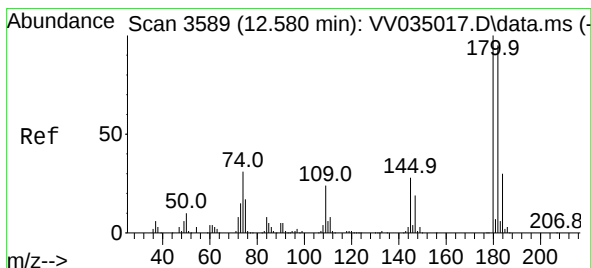
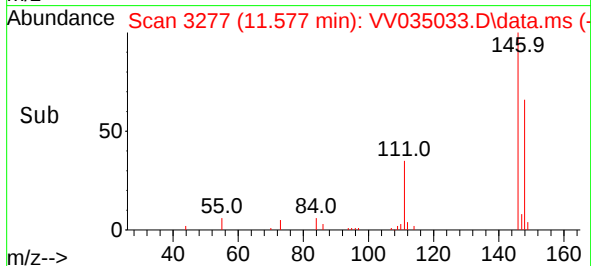
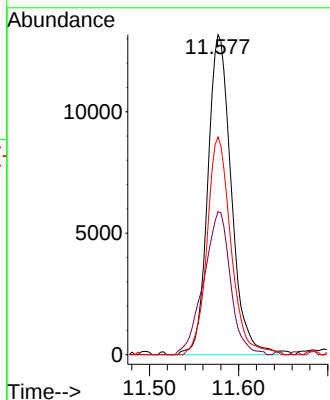
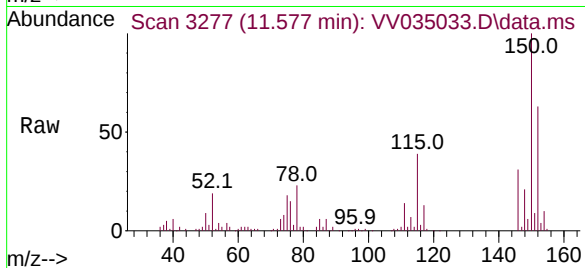
Tgt Ion:146 Resp: 24125

Ion Ratio Lower Upper

146 100

111 44.7 34.6 52.0

148 68.0 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 4.543 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.620 min

Lab File: VV035033.D

Acq: 06 Apr 2024 03:02

Tgt Ion:180 Resp: 17964

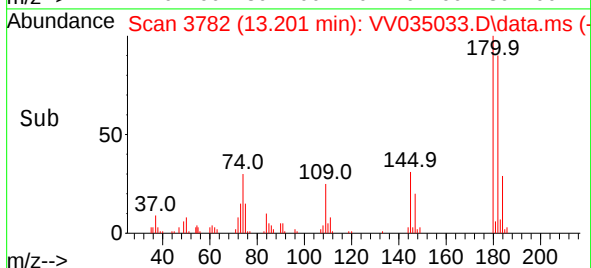
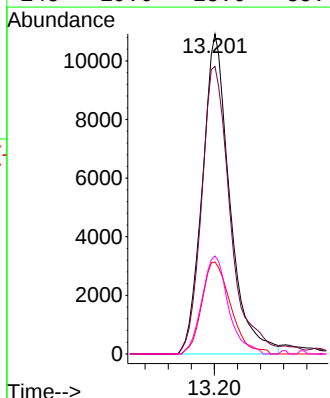
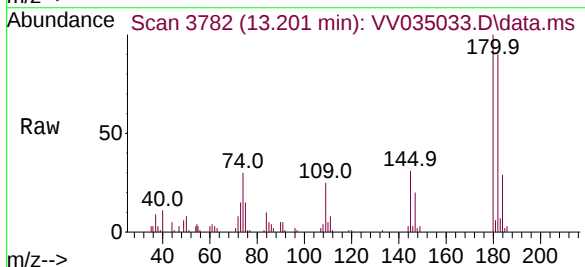
Ion Ratio Lower Upper

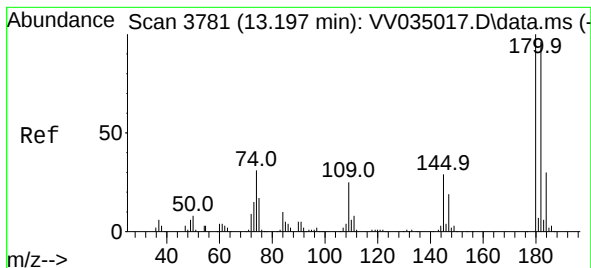
180 100

182 94.0 74.7 112.1

184 30.3 24.0 36.0

145 29.6 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 4.946 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035033.D

Acq: 06 Apr 2024 03:02

Instrument :

MSVOA_V

ClientSampleId :

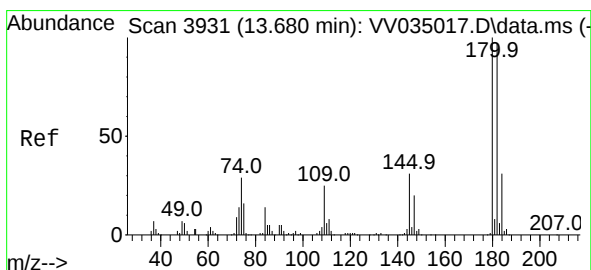
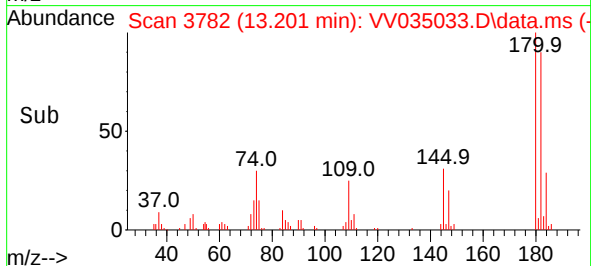
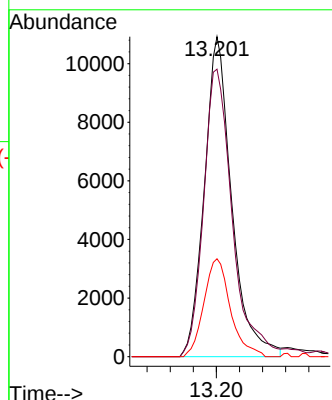
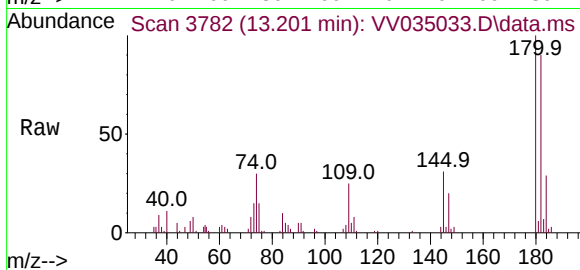
Tgt Ion:180 Resp: 17964

Ion Ratio Lower Upper

180 100

182 94.0 75.6 113.4

145 29.6 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 1.441 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV035033.D

Acq: 06 Apr 2024 03:02

Tgt Ion:180 Resp: 5158

Ion Ratio Lower Upper

180 100

182 100.0 76.2 114.2

145 30.2 25.8 38.6

