

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035026.D
 Acq On : 06 Apr 2024 00:16
 Operator : SY/MD
 Sample : P2006-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 03:19:42 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)

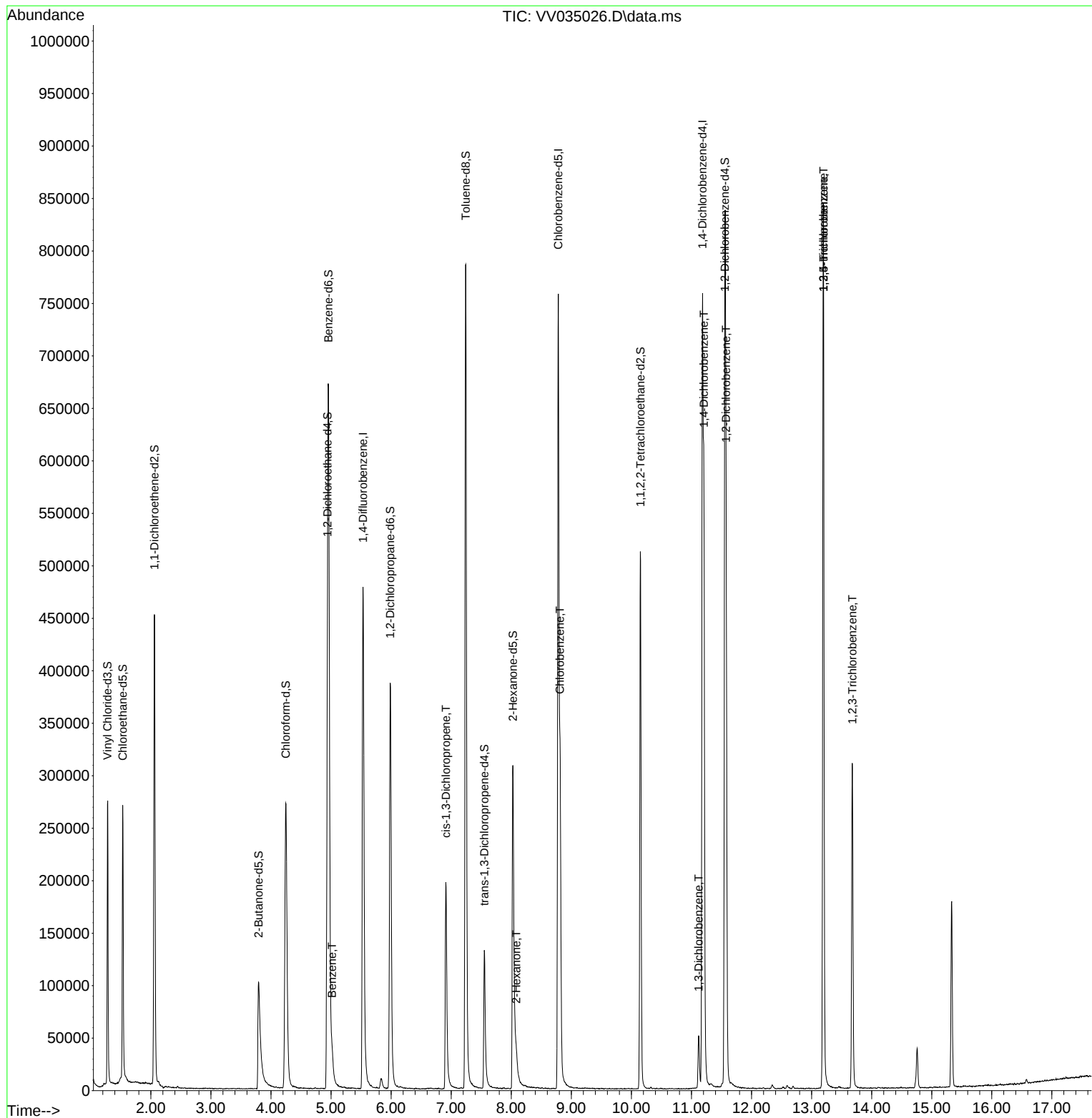
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	416114	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	394190	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	174656	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	177734	44.228	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.460%		
7) Chloroethane-d5	1.532	69	161640	46.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.620%		
11) 1,1-Dichloroethene-d2	2.060	65	78925	44.804	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.600%		
21) 2-Butanone-d5	3.793	46	190356	79.868	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.870%		
24) Chloroform-d	4.246	84	294416	43.574	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.140%		
26) 1,2-Dichloroethane-d4	4.941	65	191298	44.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.180%		
32) Benzene-d6	4.957	84	607381	45.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.740%		
36) 1,2-Dichloropropane-d6	5.986	67	196274	46.680	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.360%		
41) Toluene-d8	7.243	98	536793	45.015	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.040%		
43) trans-1,3-Dichloroprop...	7.551	79	84344	41.262	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.520%		
47) 2-Hexanone-d5	8.027	63	109923	69.146	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	69.150%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	247251	42.702	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.400%		
66) 1,2-Dichlorobenzene-d4	11.558	152	183905	46.898	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.800%		
Target Compounds						Qvalue
33) Benzene	5.015	78	30366	2.362	ug/L	100
39) cis-1,3-Dichloropropene	6.912	75	4904	0.876	ug/L #	74
48) 2-Hexanone	8.085	43	15669	4.062	ug/L #	95
51) Chlorobenzene	8.812	112	170616	19.562	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	20947	3.560	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	219857	36.742	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	175966	30.020	ug/L	97
69) 1,3,5-Trichlorobenzene	13.197	180	250201	59.000	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	250201	64.230	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	94309	24.561	ug/L	99

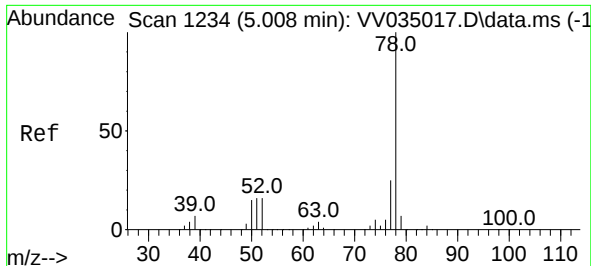
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#33

Benzene

Concen: 2.362 ug/L

RT: 5.015 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035026.D

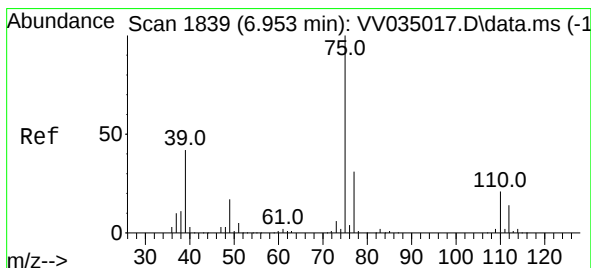
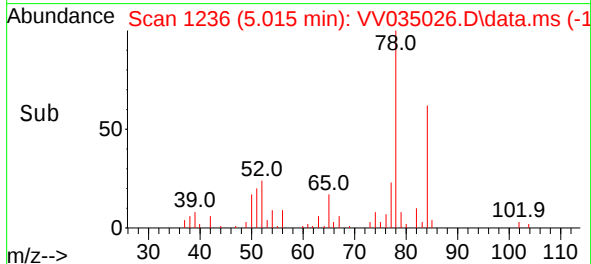
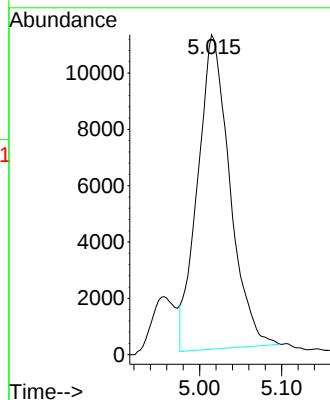
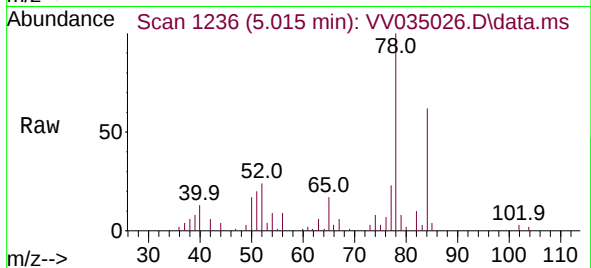
Acq: 06 Apr 2024 00:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 30366



#39

cis-1,3-Dichloropropene

Concen: 0.876 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.042 min

Lab File: VV035026.D

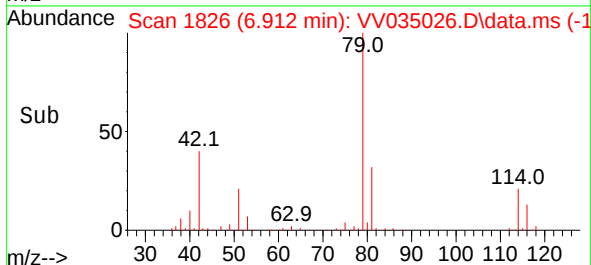
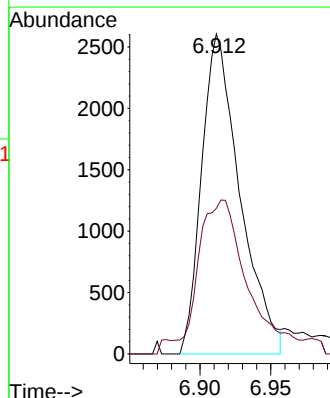
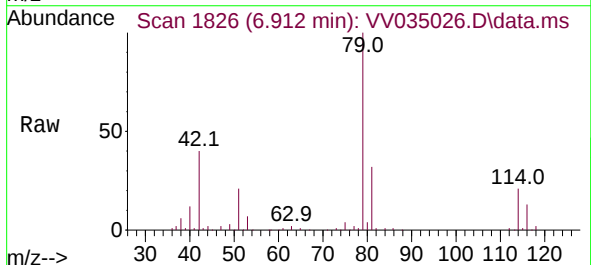
Acq: 06 Apr 2024 00:16

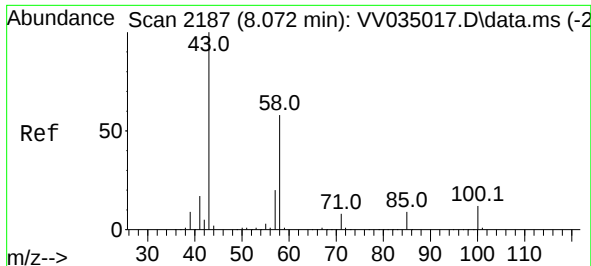
Tgt Ion: 75 Resp: 4904

Ion Ratio Lower Upper

75 100

77 45.5 21.9 40.7#





#48

2-Hexanone

Concen: 4.062 ug/L

RT: 8.085 min Scan# 2187

Delta R.T. 0.013 min

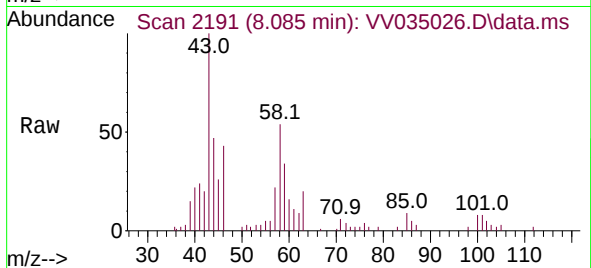
Lab File: VV035026.D

Acq: 06 Apr 2024 00:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 15669

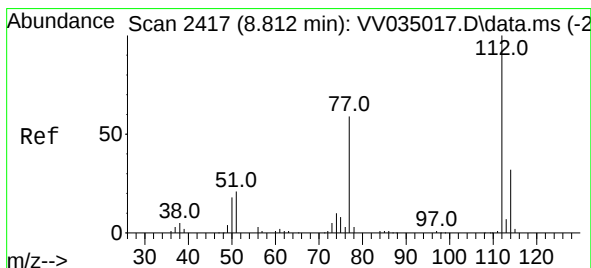
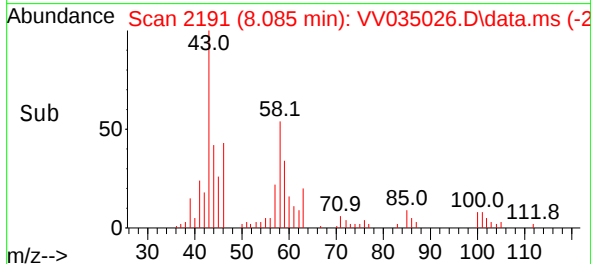
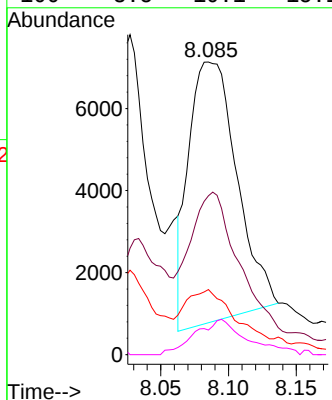
Ion Ratio Lower Upper

43 100

58 58.0 45.4 68.2

57 20.9 16.2 24.4

100 3.5 10.1 15.1#



#51

Chlorobenzene

Concen: 19.562 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035026.D

Acq: 06 Apr 2024 00:16

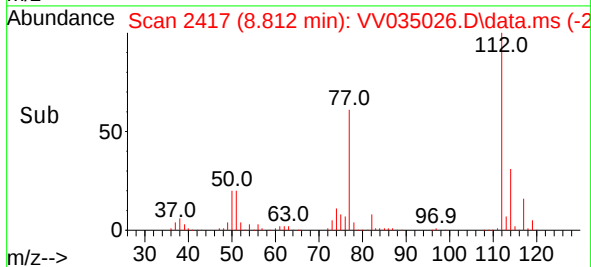
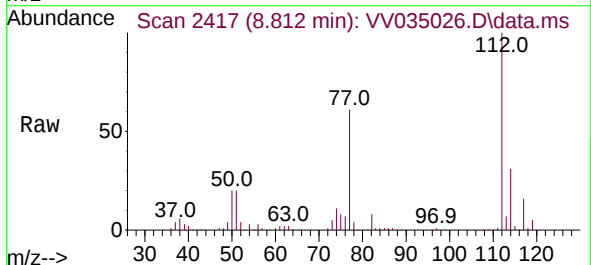
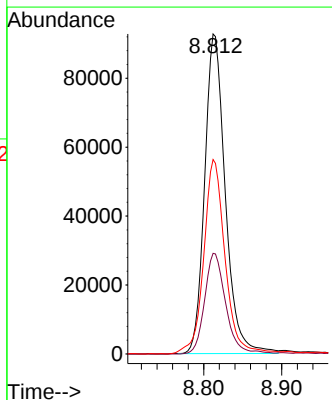
Tgt Ion: 112 Resp: 170616

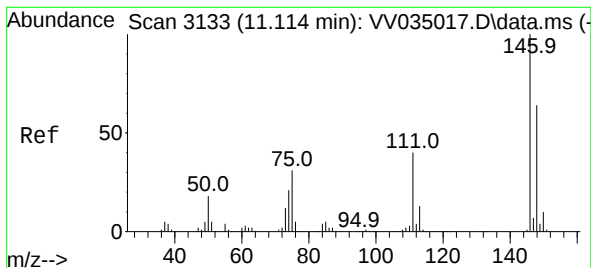
Ion Ratio Lower Upper

112 100

114 31.4 22.0 41.0

77 60.7 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 3.560 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.007 min

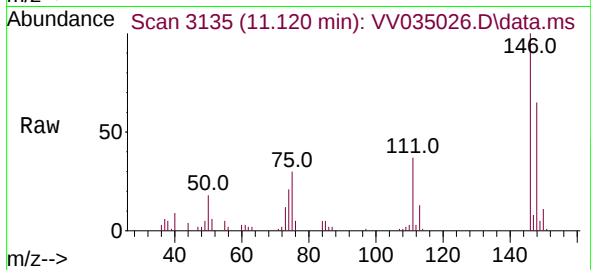
Lab File: VV035026.D

Acq: 06 Apr 2024 00:16

Instrument :

MSVOA_V

ClientSampleId :



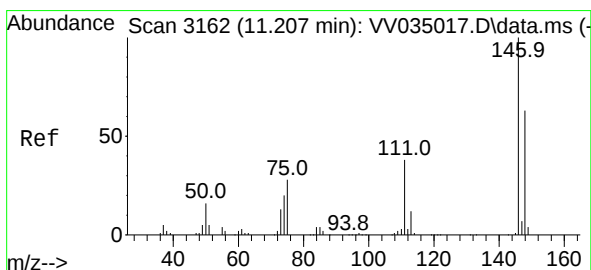
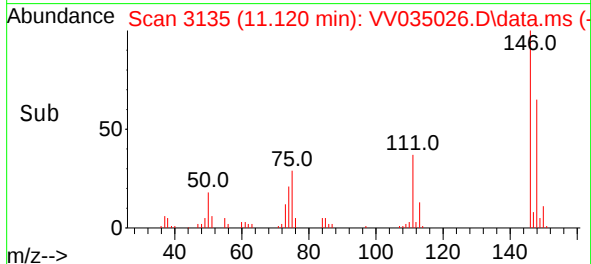
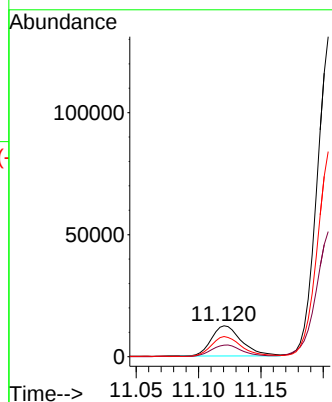
Tgt Ion:146 Resp: 20947

Ion Ratio Lower Upper

146 100

111 37.4 28.7 53.3

148 65.1 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 36.742 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035026.D

Acq: 06 Apr 2024 00:16

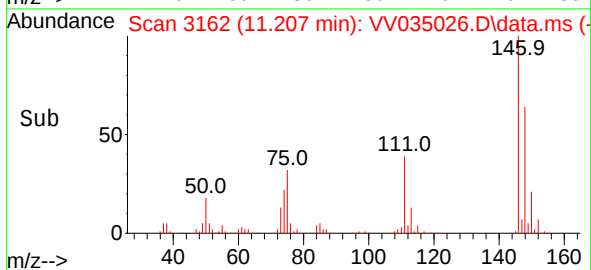
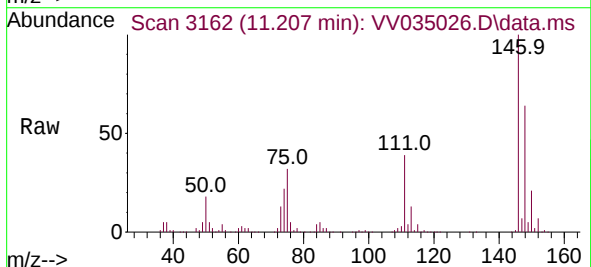
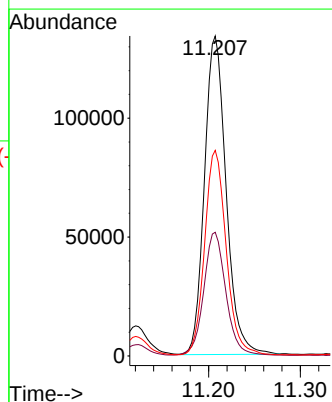
Tgt Ion:146 Resp: 219857

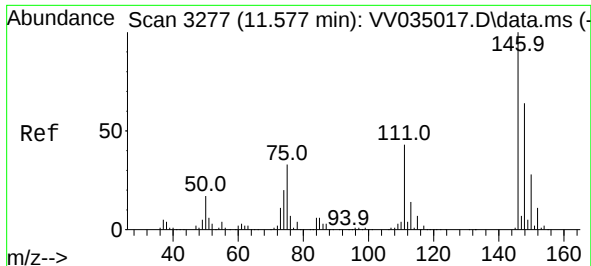
Ion Ratio Lower Upper

146 100

111 38.6 27.4 50.8

148 64.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 30.020 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035026.D

Acq: 06 Apr 2024 00:16

Instrument :

MSVOA_V

ClientSampleId :

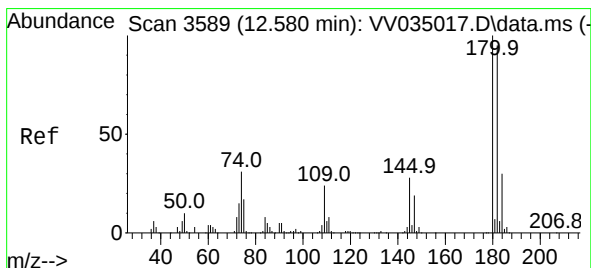
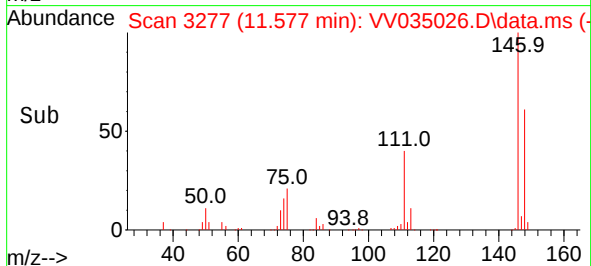
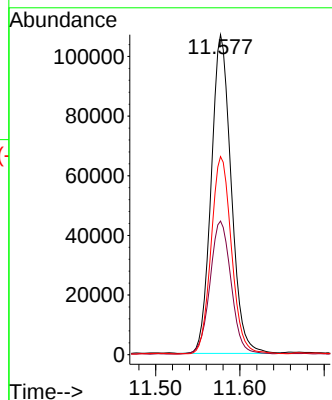
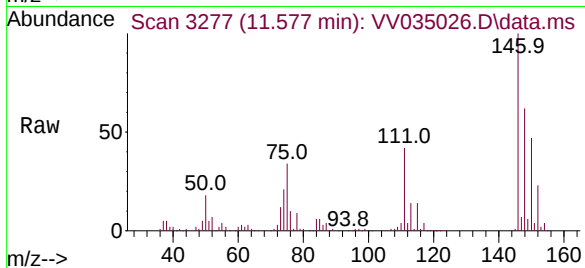
Tgt Ion:146 Resp: 175966

Ion Ratio Lower Upper

146 100

111 41.8 34.6 52.0

148 61.9 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 59.000 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035026.D

Acq: 06 Apr 2024 00:16

Tgt Ion:180 Resp: 250201

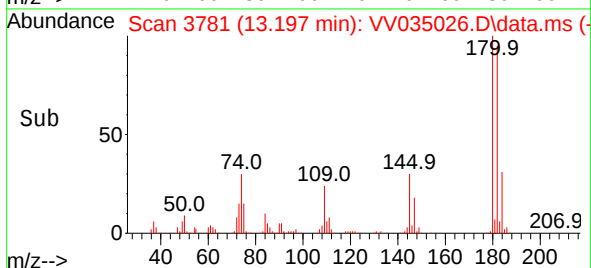
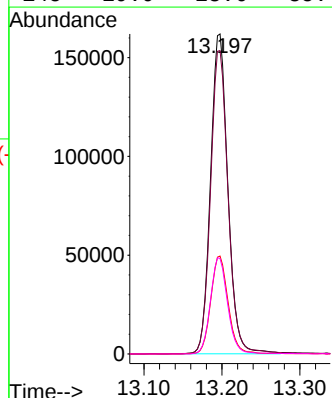
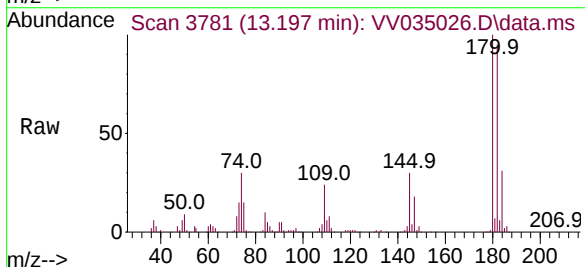
Ion Ratio Lower Upper

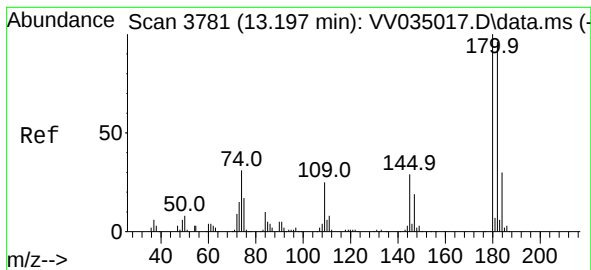
180 100

182 95.8 74.7 112.1

184 30.7 24.0 36.0

145 29.9 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 64.230 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035026.D

Acq: 06 Apr 2024 00:16

Instrument :

MSVOA_V

ClientSampleId :

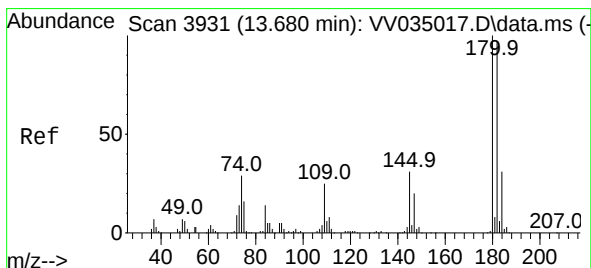
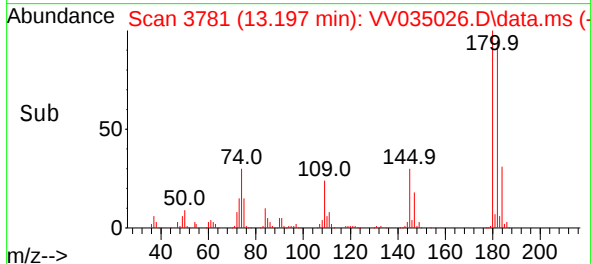
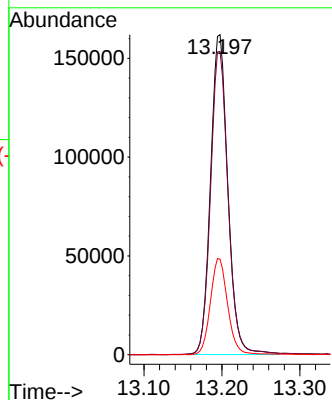
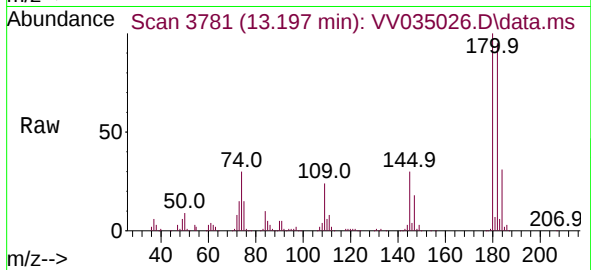
Tgt Ion:180 Resp: 250201

Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

145 29.9 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 24.561 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV035026.D

Acq: 06 Apr 2024 00:16

Tgt Ion:180 Resp: 94309

Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 31.0 25.8 38.6

