

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034605.D
 Acq On : 14 Mar 2024 15:51
 Operator : SY/MD
 Sample : P1728-01DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 03:37:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 03:33:21 2024
 Response via : Initial Calibration

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

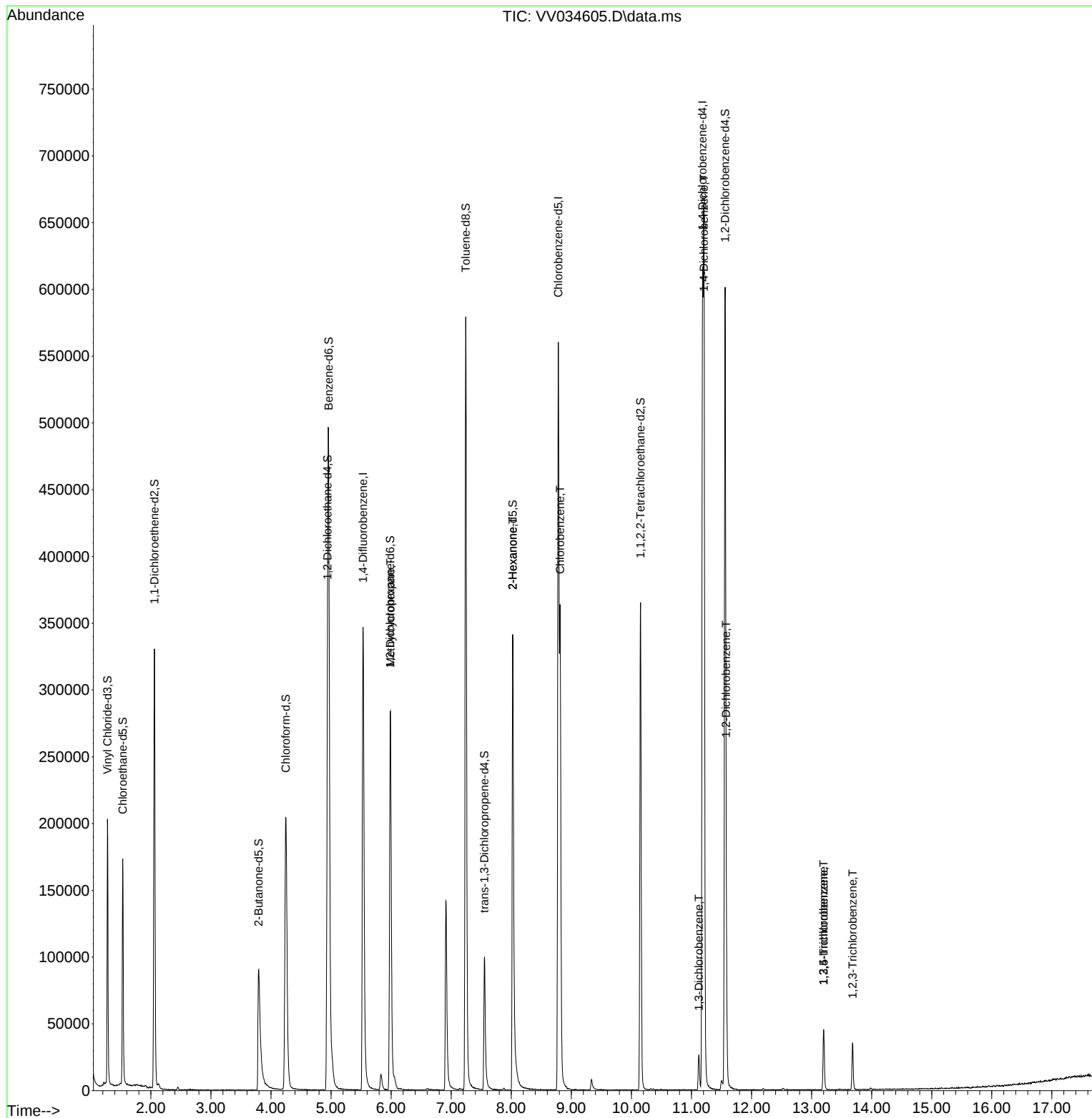
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	300500	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	282535	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	138514	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	124914	47.951	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.900%		
7) Chloroethane-d5	1.532	69	102537	50.523	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.040%		
11) 1,1-Dichloroethene-d2	2.059	65	55248	46.895	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.800%		
21) 2-Butanone-d5	3.793	46	159354	91.473	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.470%		
24) Chloroform-d	4.246	84	219453	47.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.300%		
26) 1,2-Dichloroethane-d4	4.940	65	147794	49.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.200%		
32) Benzene-d6	4.960	84	429716	50.395	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.780%		
36) 1,2-Dichloropropane-d6	5.985	67	134046	51.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.020%		
41) Toluene-d8	7.243	98	384281	49.800	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.600%		
43) trans-1,3-Dichloroprop...	7.554	79	59538	45.561	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.120%		
47) 2-Hexanone-d5	8.024	63	119821	92.208	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.210%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	168833	49.301	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.600%		
66) 1,2-Dichlorobenzene-d4	11.561	152	143888	50.821	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.640%		
Target Compounds						Qvalue
35) Methylcyclohexane	5.989	83	32893	8.679	ug/L #	18
48) 2-Hexanone	8.024	43	14652	5.431	ug/L #	73
51) Chlorobenzene	8.815	112	180353	30.057	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	10810	2.387	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	242391	52.697	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	31376	6.913	ug/L	99
69) 1,3,5-Trichlorobenzene	13.201	180	13537	3.984	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	13537	4.427	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	10306	3.455	ug/L	96

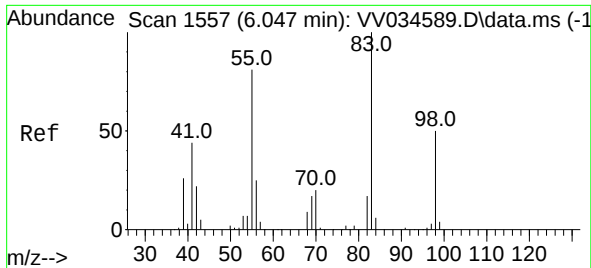
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
Data File : VV034605.D
Acq On : 14 Mar 2024 15:51
Operator : SY/MD
Sample : P1728-01DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 15 03:37:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 03:33:21 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 8.679 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

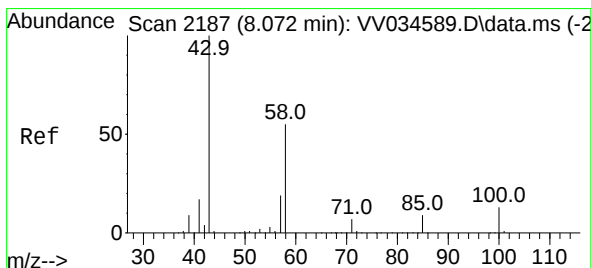
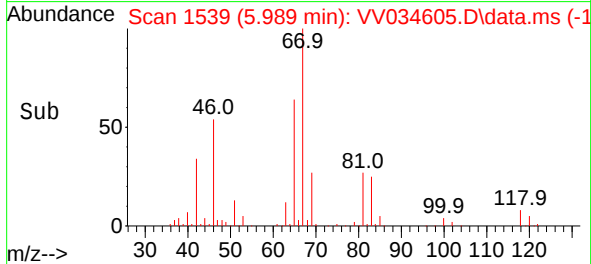
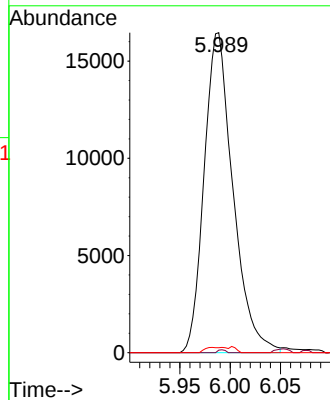
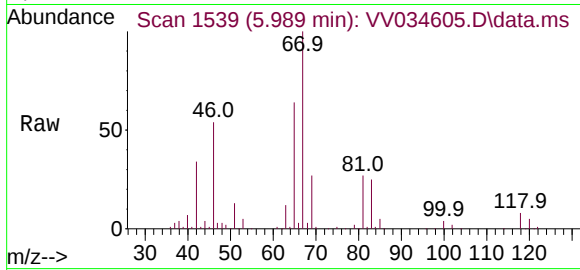
Tgt Ion: 83 Resp: 32893

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

98 0.7 39.5 59.3#



#48

2-Hexanone

Concen: 5.431 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.048 min

Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

Tgt Ion: 43 Resp: 14652

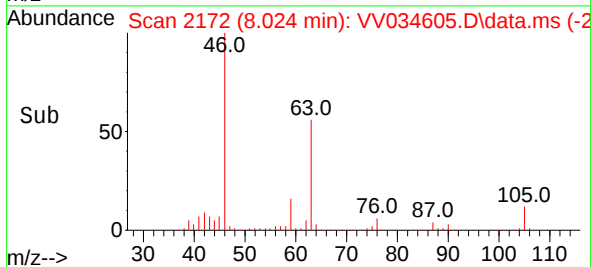
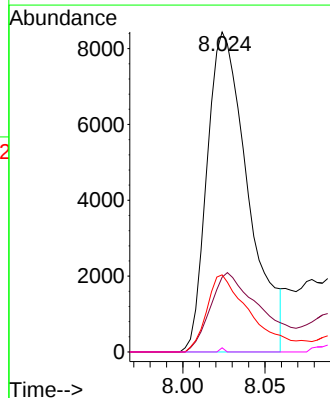
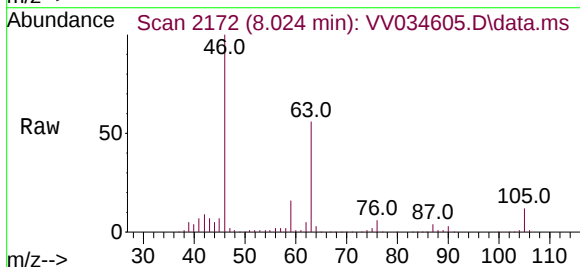
Ion Ratio Lower Upper

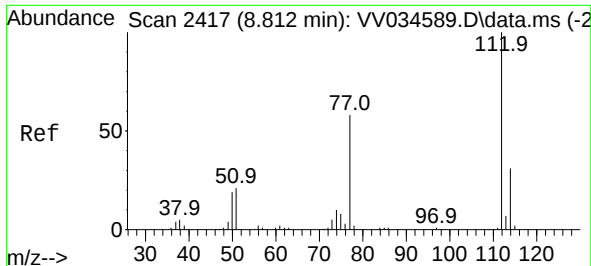
43 100

58 31.3 42.0 63.0#

57 25.8 15.2 22.8#

100 0.0 10.0 15.0#





#51

Chlorobenzene

Concen: 30.057 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

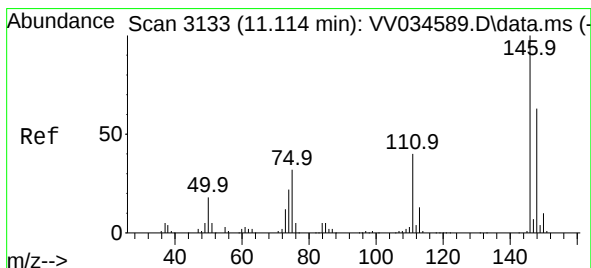
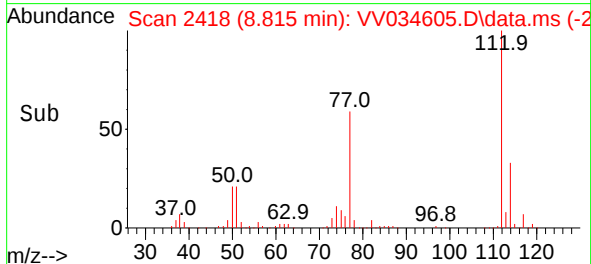
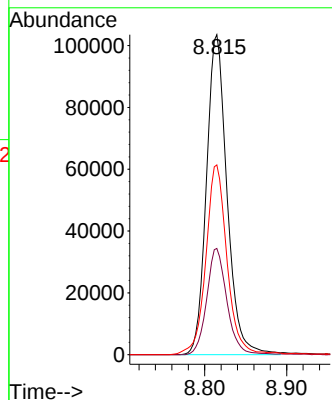
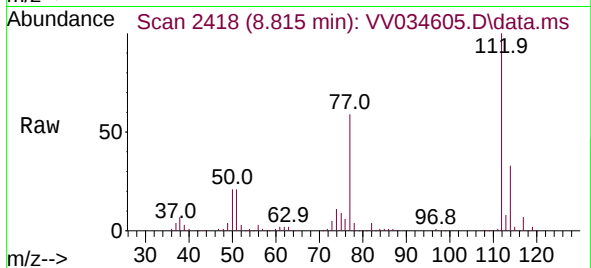
Tgt Ion:112 Resp: 180353

Ion Ratio Lower Upper

112 100

114 33.2 22.3 41.5

77 59.3 47.7 71.5



#64

1,3-Dichlorobenzene

Concen: 2.387 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. 0.010 min

Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

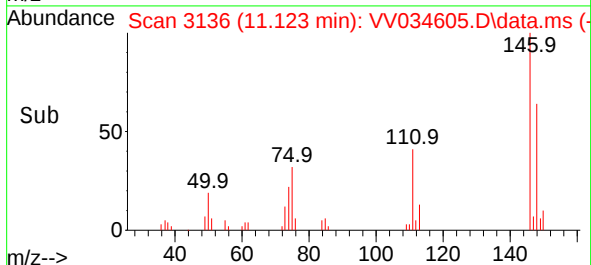
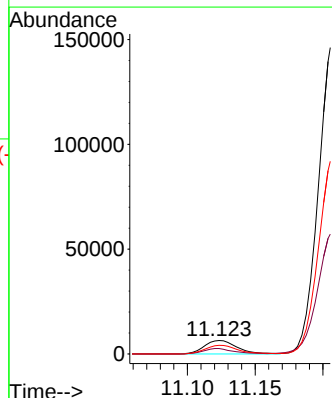
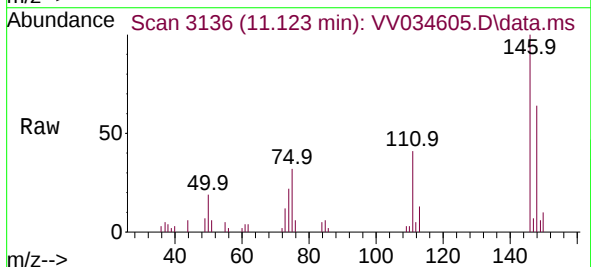
Tgt Ion:146 Resp: 10810

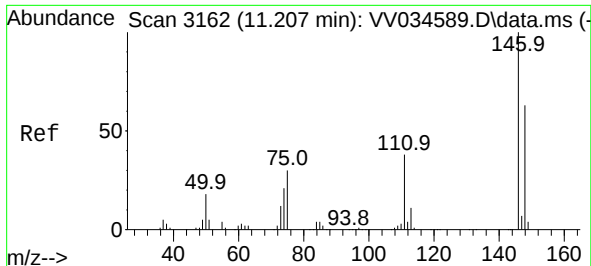
Ion Ratio Lower Upper

146 100

111 40.5 27.9 51.7

148 63.6 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 52.697 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :

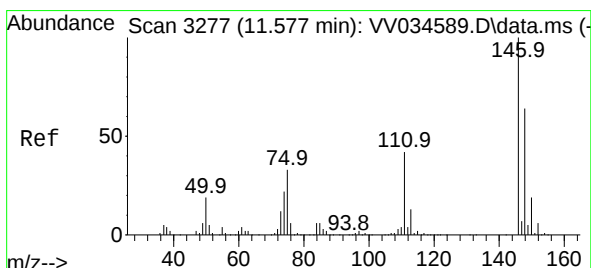
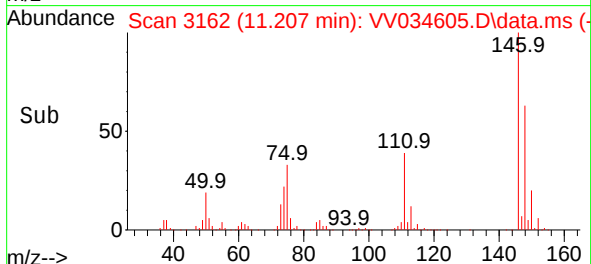
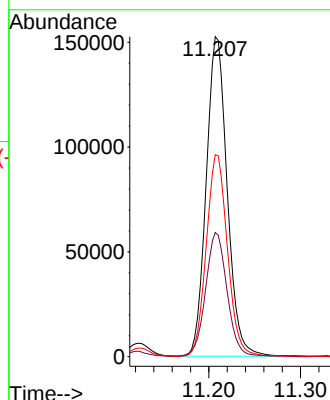
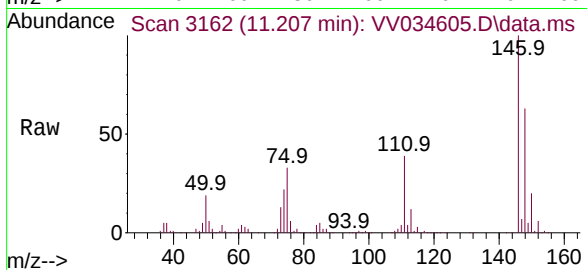
Tgt Ion:146 Resp: 242391

Ion Ratio Lower Upper

146 100

111 38.8 26.5 49.1

148 63.1 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 6.913 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

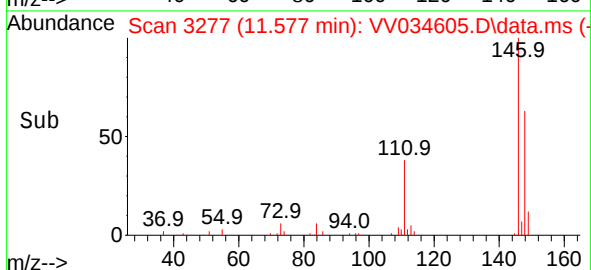
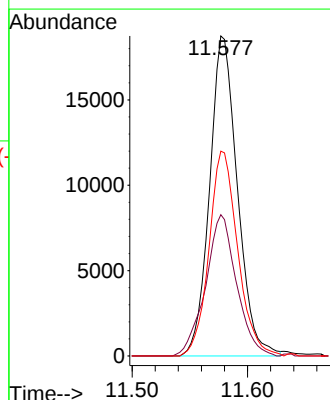
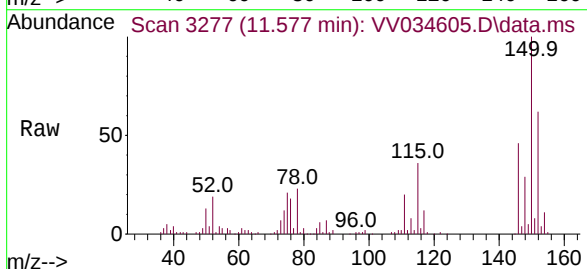
Tgt Ion:146 Resp: 31376

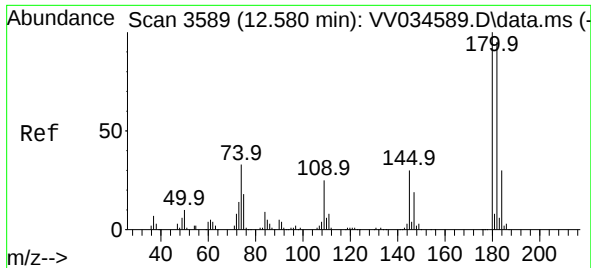
Ion Ratio Lower Upper

146 100

111 44.1 33.8 50.8

148 64.0 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 3.984 ug/L

RT: 13.201 min Scan# 3

Delta R.T. 0.620 min

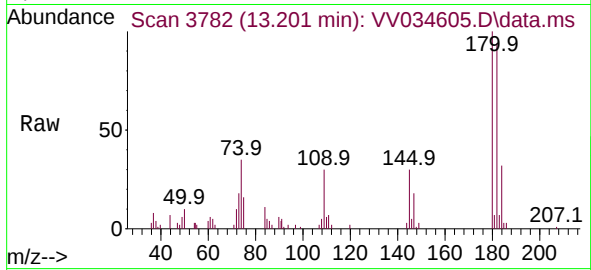
Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 13537

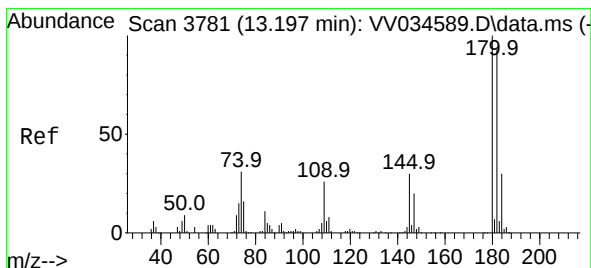
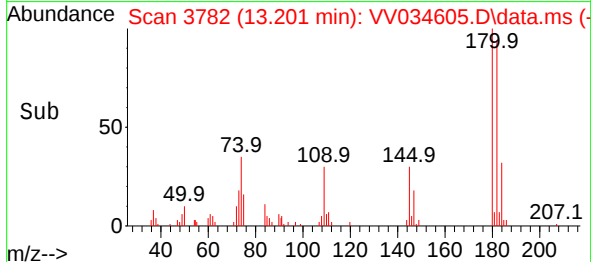
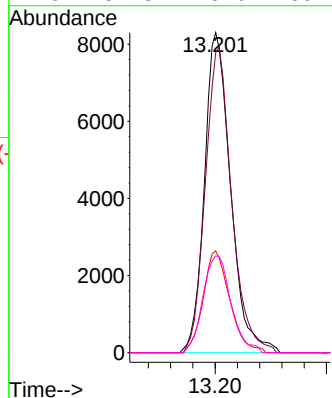
Ion Ratio Lower Upper

180 100

182 96.1 74.6 112.0

184 32.2 23.6 35.4

145 32.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.427 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

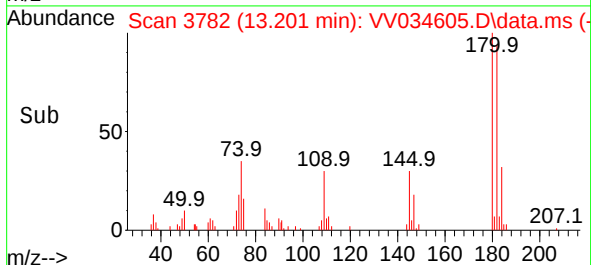
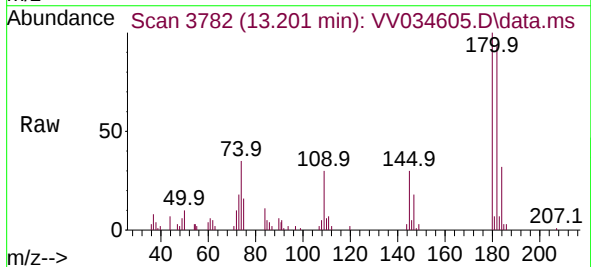
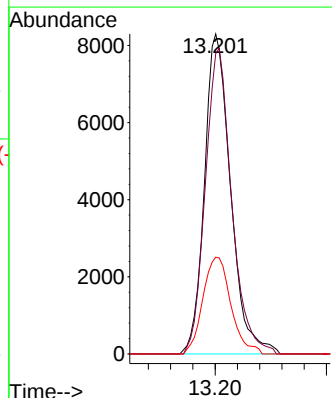
Tgt Ion:180 Resp: 13537

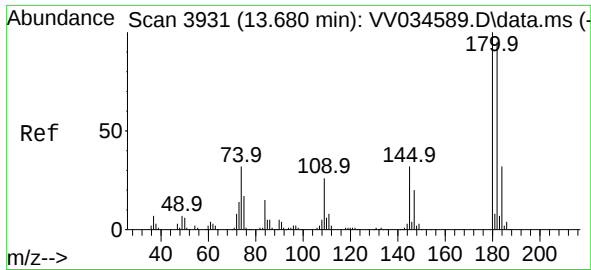
Ion Ratio Lower Upper

180 100

182 96.1 74.8 112.2

145 32.3 24.2 36.4





#72

1,2,3-Trichlorobenzene

Concen: 3.455 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

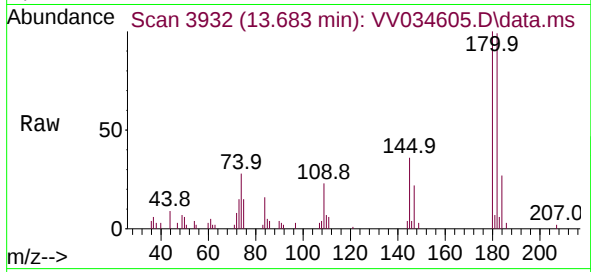
Lab File: VV034605.D

Acq: 14 Mar 2024 15:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10306

Ion Ratio Lower Upper

180 100

182 97.4 75.9 113.9

145 35.8 25.5 38.3

