

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042424\
 Data File : VV035381.D
 Acq On : 24 Apr 2024 12:52
 Operator : SY/MD
 Sample : P2158-05DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 01:59:30 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)

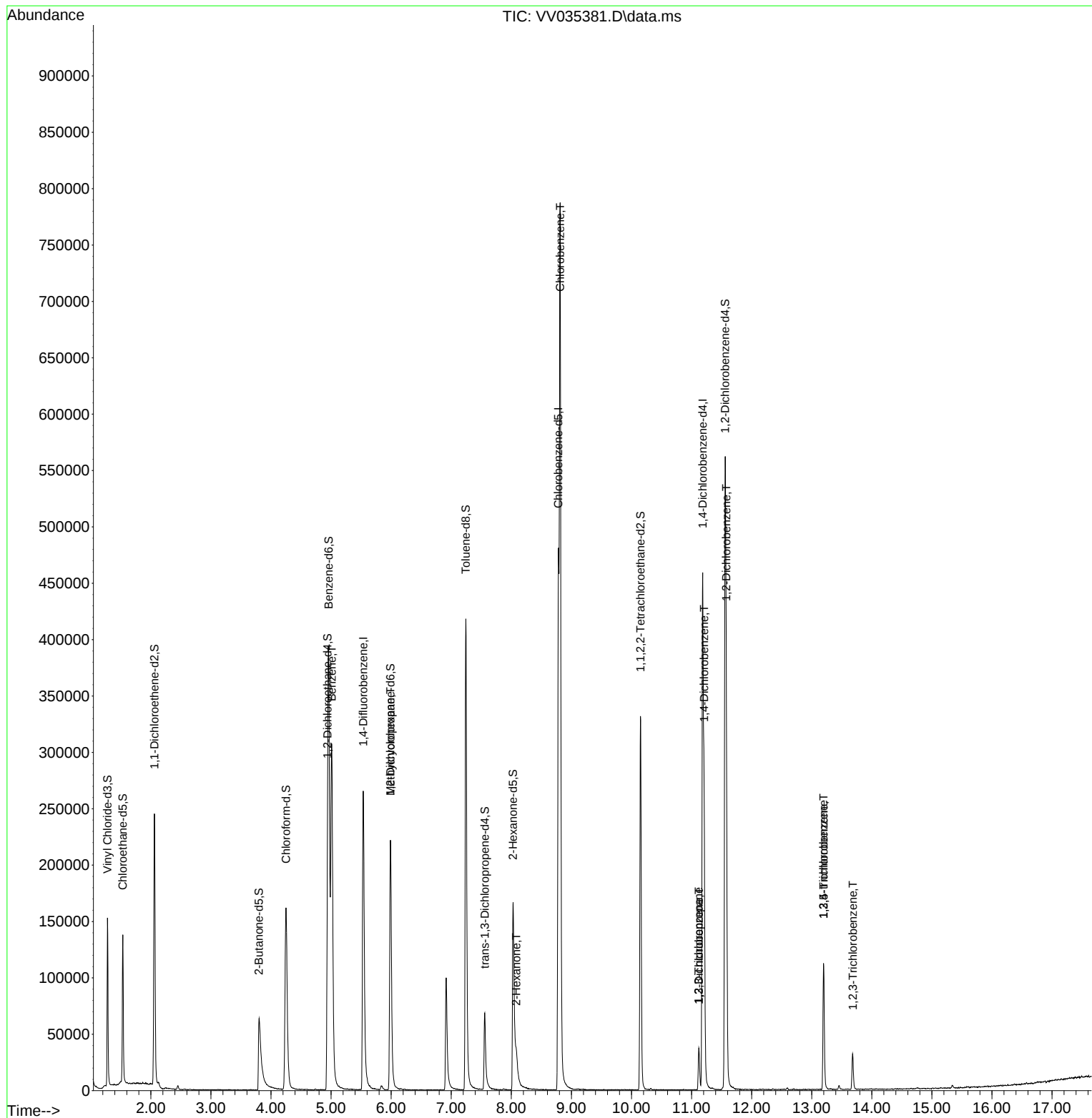
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	241615	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	249888	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	96896	41.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.060%
7) Chloroethane-d5	1.532	69	83806	41.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.700%
11) 1,1-Dichloroethene-d2	2.059	65	42315	41.370	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.740%
21) 2-Butanone-d5	3.799	46	110223	79.647	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.650%
24) Chloroform-d	4.249	84	183084	46.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
26) 1,2-Dichloroethane-d4	4.940	65	114223	45.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
32) Benzene-d6	4.960	84	356496	42.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.940%
36) 1,2-Dichloropropane-d6	5.989	67	115976	43.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.020%
41) Toluene-d8	7.243	98	294800	38.998	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.000%#
43) trans-1,3-Dichloroprop...	7.558	79	45719	35.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.560%
47) 2-Hexanone-d5	8.027	63	58783	58.330	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	58.330%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	167171	45.544	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	127148	48.328	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.660%
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	338276	41.514	ug/L	100
35) Methylcyclohexane	5.989	83	27700	8.341	ug/L #	20
48) 2-Hexanone	8.085	43	18025	7.371	ug/L #	95
51) Chlorobenzene	8.812	112	433576	78.418	ug/L	98
61) 1,2,3-Trichloropropane	11.120	75	4482	1.765	ug/L #	50
64) 1,3-Dichlorobenzene	11.123	146	17161	4.347	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	105699	26.329	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	128964	32.793	ug/L	96
69) 1,3,5-Trichlorobenzene	13.197	180	37390	13.142	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	37390	14.306	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	10839	4.207	ug/L	96

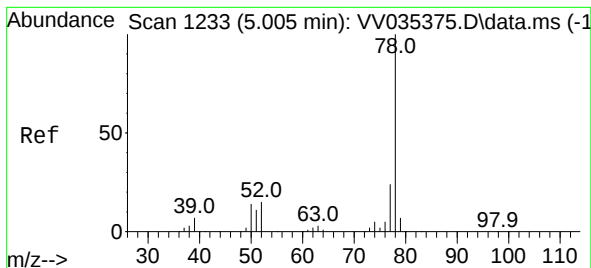
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042424\
Data File : VV035381.D
Acq On : 24 Apr 2024 12:52
Operator : SY/MD
Sample : P2158-05DL 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 25 01:59:30 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





#33

Benzene

Concen: 41.514 ug/L

RT: 5.011 min Scan# 1539

Delta R.T. 0.006 min

Lab File: VV035381.D

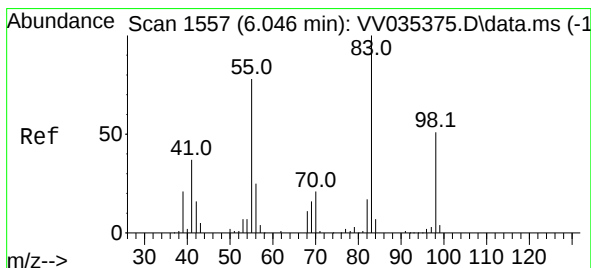
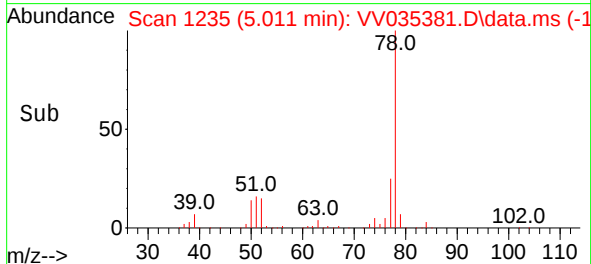
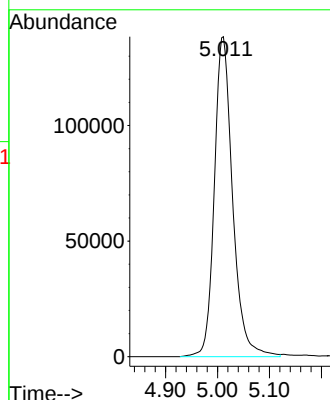
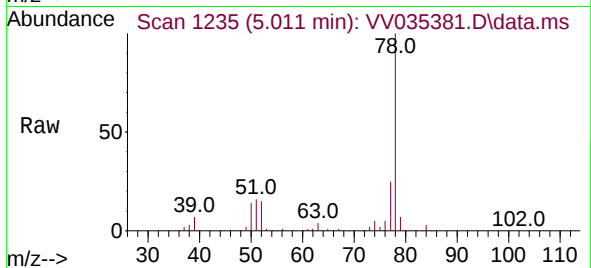
Acq: 24 Apr 2024 12:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 338276



#35

Methylcyclohexane

Concen: 8.341 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV035381.D

Acq: 24 Apr 2024 12:52

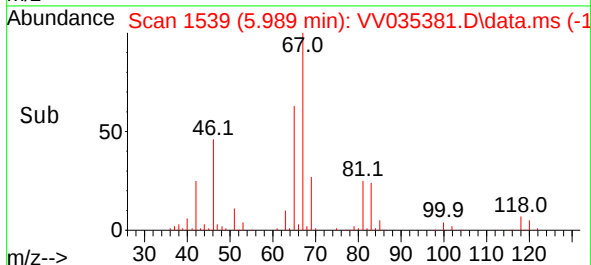
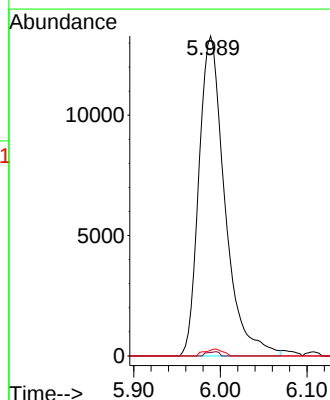
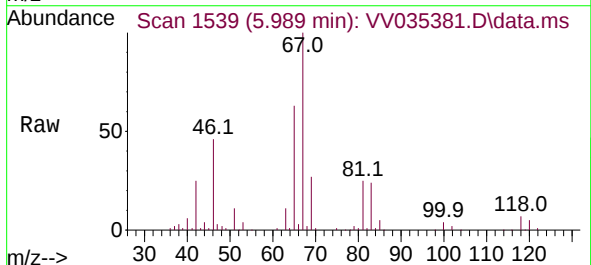
Tgt Ion: 83 Resp: 27700

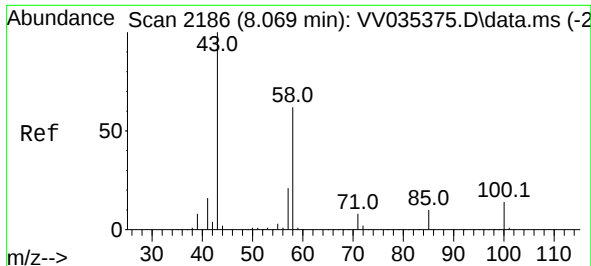
Ion Ratio Lower Upper

83 100

55 0.3 60.0 90.0#

98 1.5 37.6 56.4#





#48

2-Hexanone

Concen: 7.371 ug/L

RT: 8.085 min Scan# 2186

Delta R.T. 0.016 min

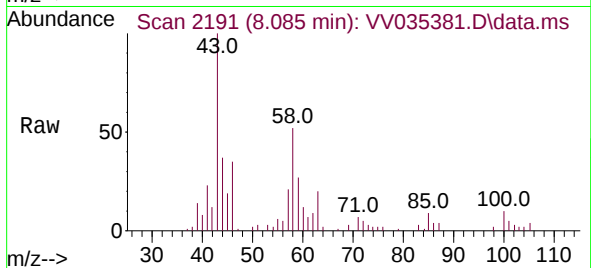
Lab File: VV035381.D

Acq: 24 Apr 2024 12:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 18025

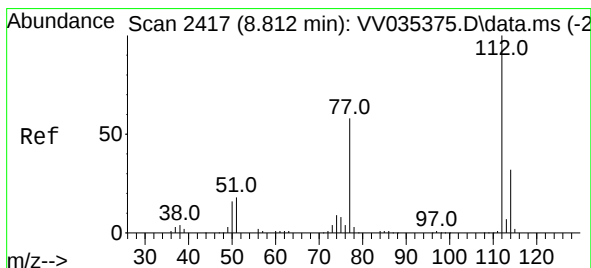
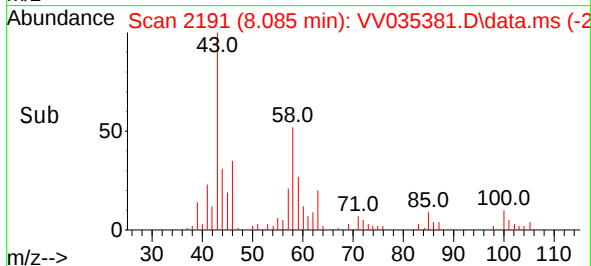
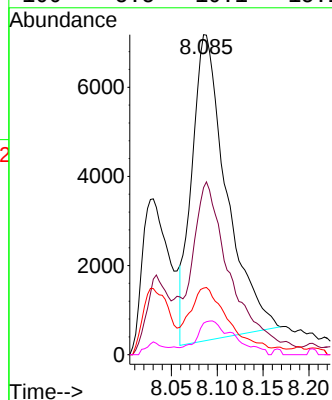
Ion Ratio Lower Upper

43 100

58 53.9 45.4 68.2

57 19.4 16.2 24.4

100 5.5 10.1 15.1#



#51

Chlorobenzene

Concen: 78.418 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035381.D

Acq: 24 Apr 2024 12:52

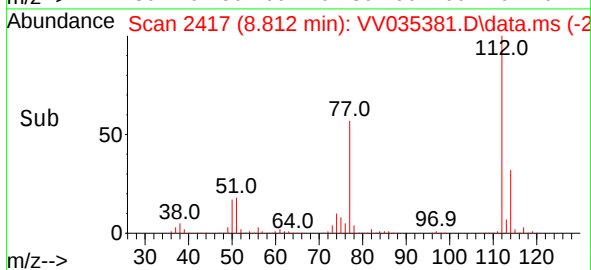
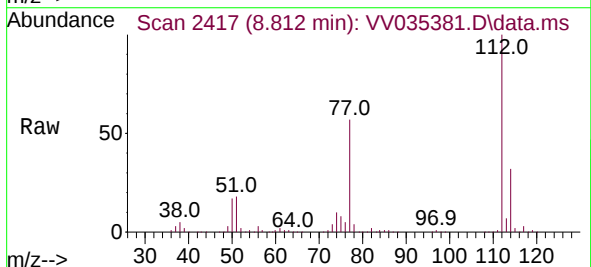
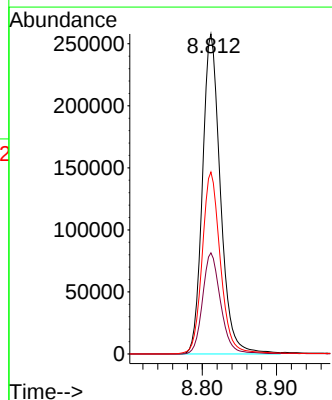
Tgt Ion: 112 Resp: 433576

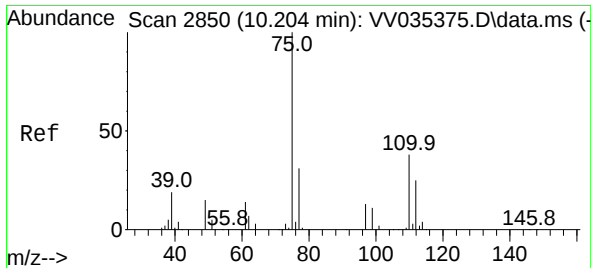
Ion Ratio Lower Upper

112 100

114 31.6 22.0 41.0

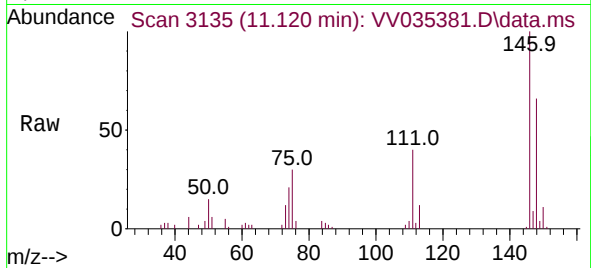
77 56.8 47.4 71.2



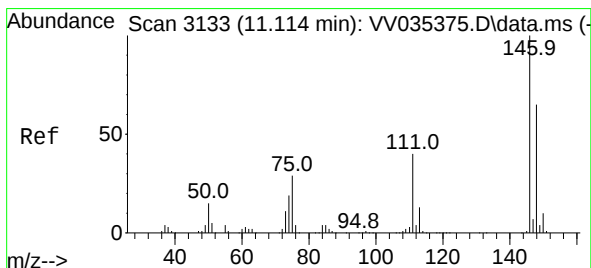
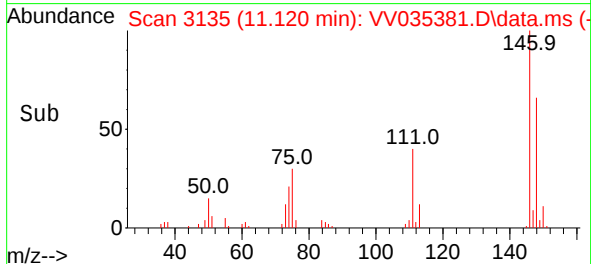
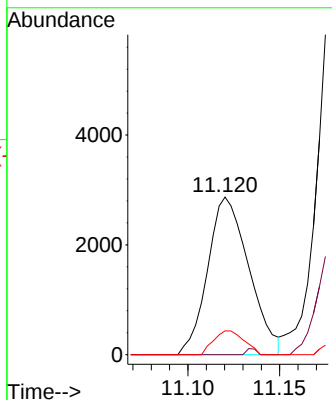


#61
1,2,3-Trichloropropane
Concen: 1.765 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.916 min
Lab File: VV035381.D
Acq: 24 Apr 2024 12:52

Instrument :
MSVOA_V
ClientSampleId :

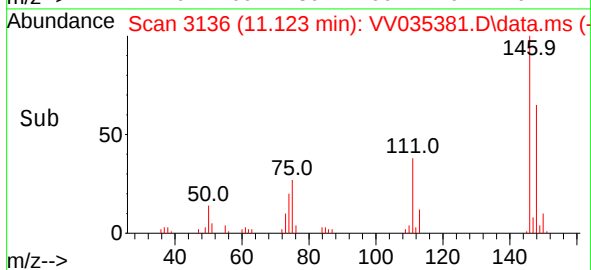
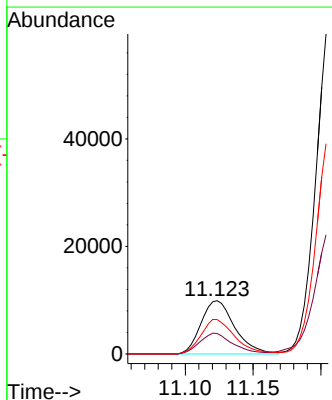
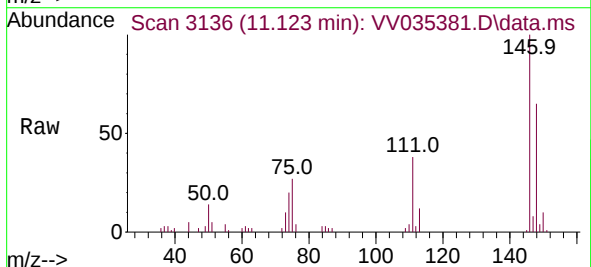


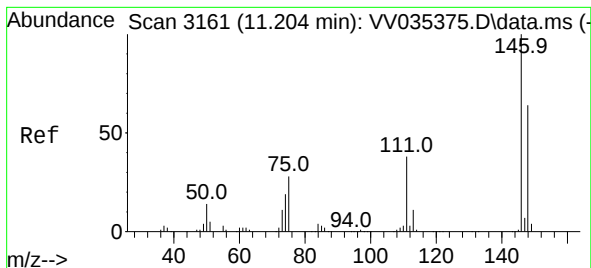
Tgt Ion: 75 Resp: 4482
Ion Ratio Lower Upper
75 100
77 0.9 26.0 39.0#
110 11.1 30.5 45.7#



#64
1,3-Dichlorobenzene
Concen: 4.347 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV035381.D
Acq: 24 Apr 2024 12:52

Tgt Ion:146 Resp: 17161
Ion Ratio Lower Upper
146 100
111 38.4 28.7 53.3
148 64.6 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 26.329 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035381.D

Acq: 24 Apr 2024 12:52

Instrument :

MSVOA_V

ClientSampleId :

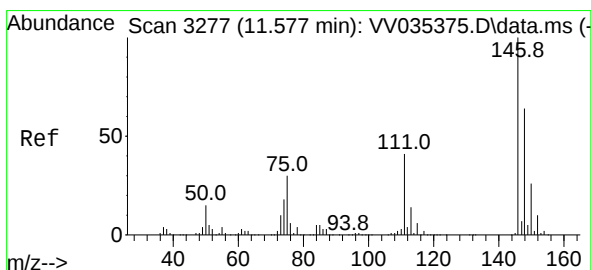
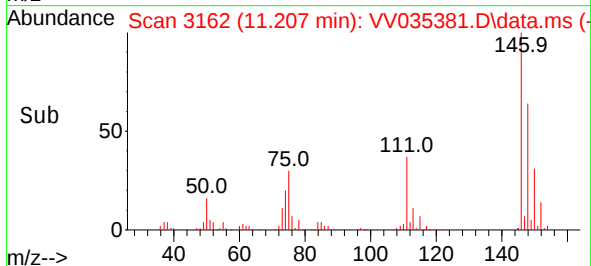
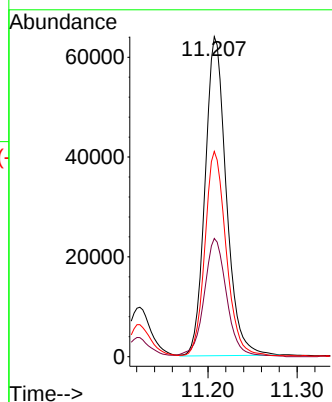
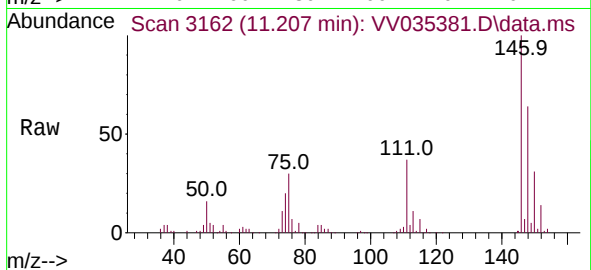
Tgt Ion:146 Resp: 105699

Ion Ratio Lower Upper

146 100

111 36.9 27.4 50.8

148 64.2 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 32.793 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035381.D

Acq: 24 Apr 2024 12:52

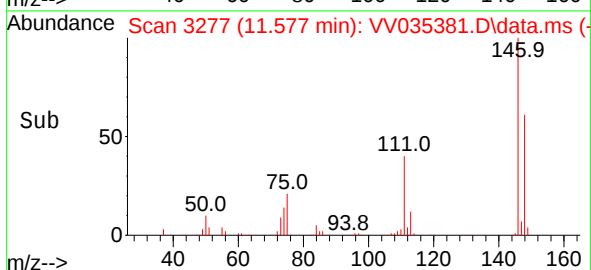
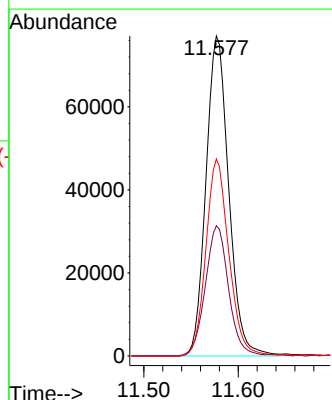
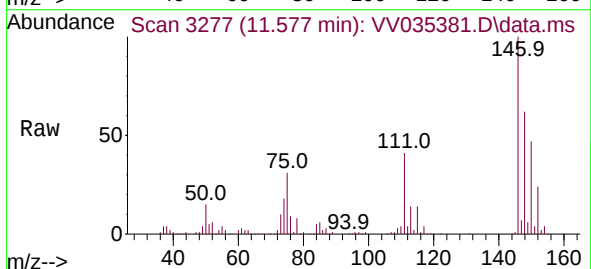
Tgt Ion:146 Resp: 128964

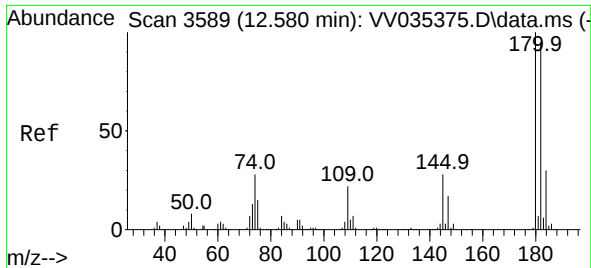
Ion Ratio Lower Upper

146 100

111 40.7 34.6 52.0

148 61.6 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 13.142 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035381.D

Acq: 24 Apr 2024 12:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 37390

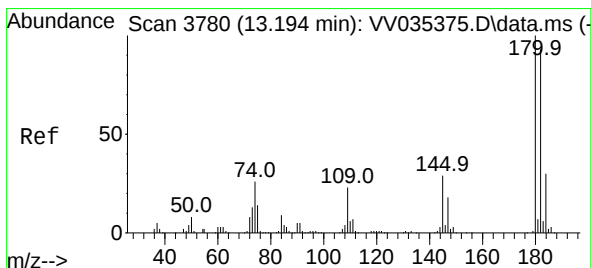
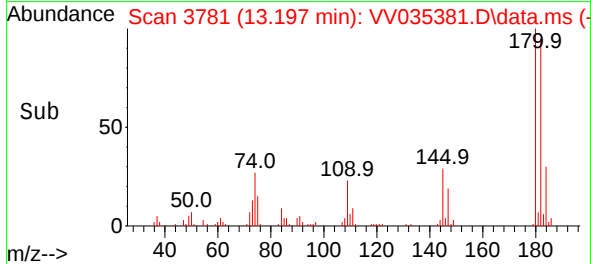
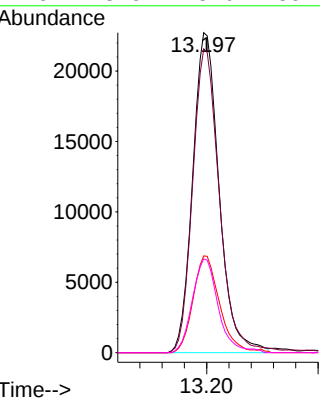
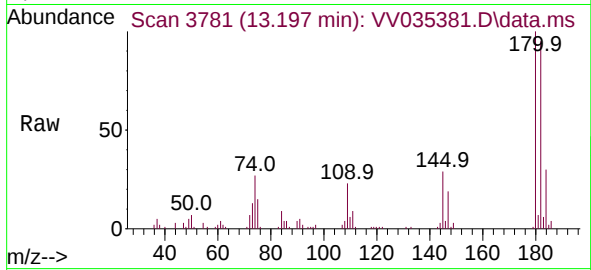
Ion Ratio Lower Upper

180 100

182 95.9 74.7 112.1

184 30.3 24.0 36.0

145 28.5 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 14.306 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035381.D

Acq: 24 Apr 2024 12:52

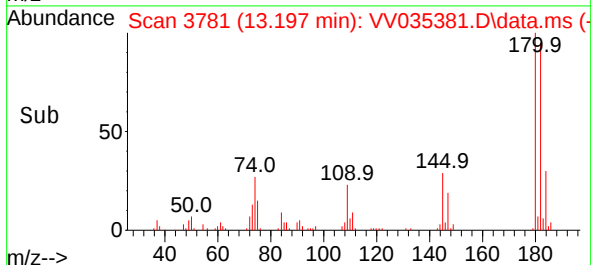
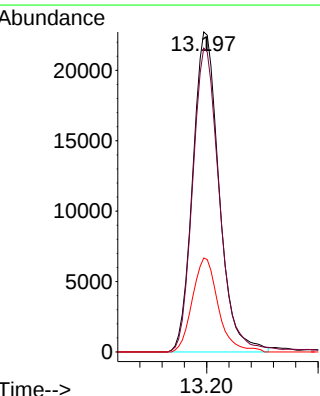
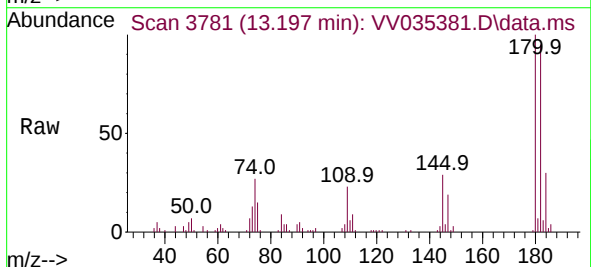
Tgt Ion:180 Resp: 37390

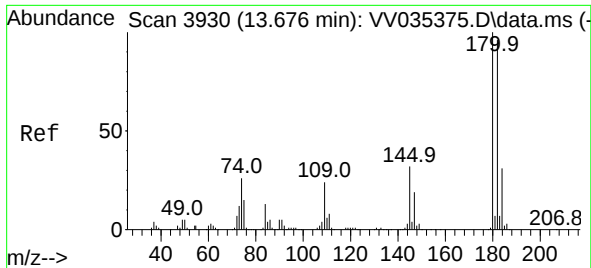
Ion Ratio Lower Upper

180 100

182 95.9 75.6 113.4

145 28.5 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 4.207 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

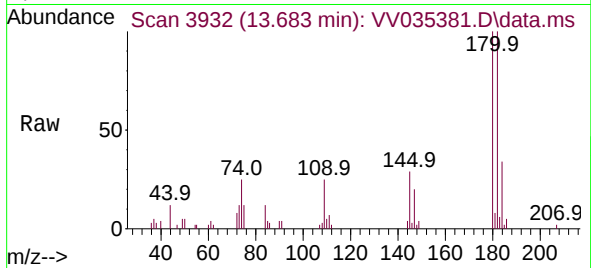
Lab File: VV035381.D

Acq: 24 Apr 2024 12:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10839

Ion Ratio Lower Upper

180 100

182 99.2 76.2 114.2

145 31.1 25.8 38.6

