

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035339.D
 Acq On : 22 Apr 2024 17:35
 Operator : SY/MD
 Sample : P2158-12DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:32:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

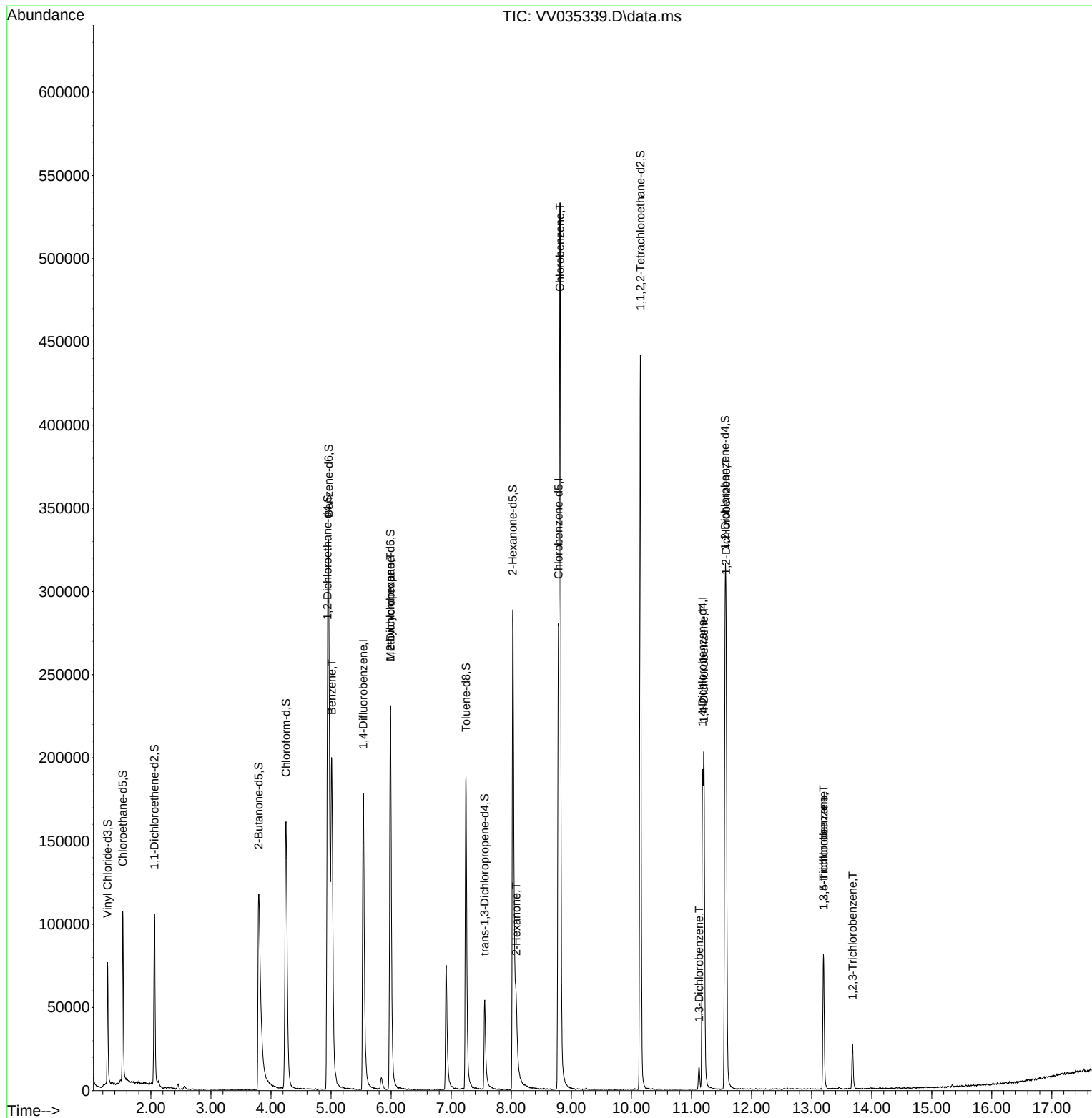
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	164757	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	139253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47631	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48584	30.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.060%
7) Chloroethane-d5	1.532	69	65168	47.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.300%
11) 1,1-Dichloroethene-d2	2.060	65	17695	25.370	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.740%#
21) 2-Butanone-d5	3.796	46	207063	219.422	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	219.420%#
24) Chloroform-d	4.249	84	180621	67.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.040%#
26) 1,2-Dichloroethane-d4	4.940	65	144361	84.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	169.980%#
32) Benzene-d6	4.960	84	260353	55.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.320%
36) 1,2-Dichloropropane-d6	5.989	67	120892	81.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	162.780%#
41) Toluene-d8	7.246	98	139672	33.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.320%#
43) trans-1,3-Dichloroprop...	7.558	79	37835	52.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.800%
47) 2-Hexanone-d5	8.024	63	98352	175.132	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	175.130%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	216628	105.907	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	211.820%#
66) 1,2-Dichlorobenzene-d4	11.561	152	62178	58.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.280%
Target Compounds						
33) Benzene	5.011	78	215422	47.441	ug/L	100
35) Methylcyclohexane	5.989	83	27646	14.938	ug/L #	20
48) 2-Hexanone	8.085	43	31429	23.064	ug/L #	89
51) Chlorobenzene	8.812	112	289719	94.030	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	6320	3.938	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	80198	49.146	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	97308	60.873	ug/L	97
69) 1,3,5-Trichlorobenzene	13.197	180	26345	22.780	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	26345	24.799	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	9050	8.642	ug/L	97

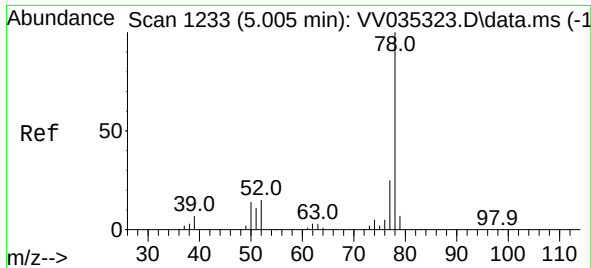
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
Data File : VV035339.D
Acq On : 22 Apr 2024 17:35
Operator : SY/MD
Sample : P2158-12DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 23 00:32:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration

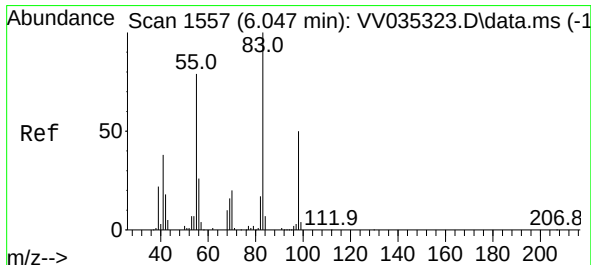
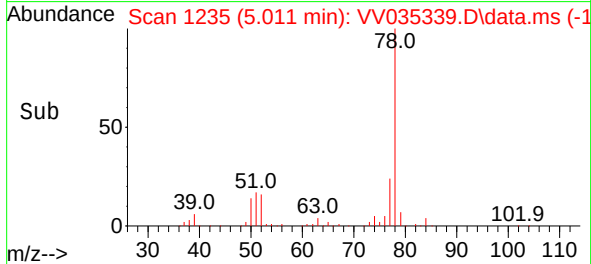
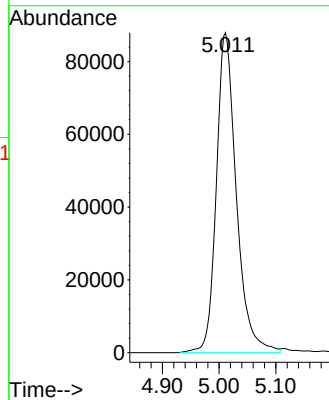
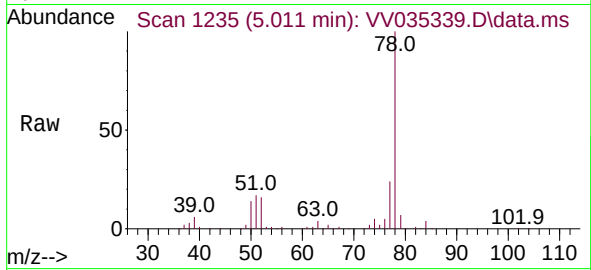




#33
Benzene
Concen: 47.441 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV035339.D
Acq: 22 Apr 2024 17:35

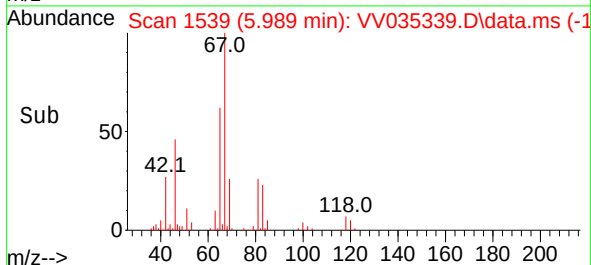
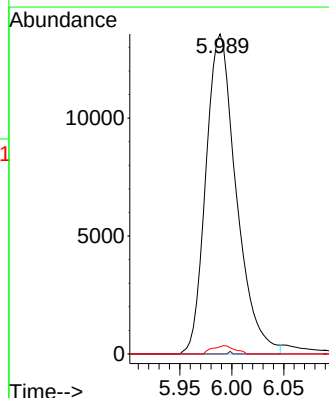
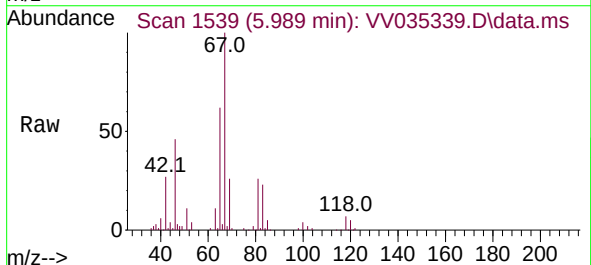
Instrument :
MSVOA_V
ClientSampleId :

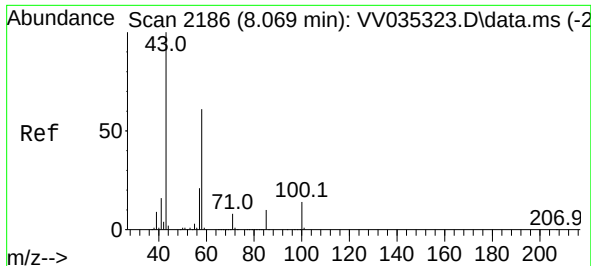
Tgt Ion: 78 Resp: 215422



#35
Methylcyclohexane
Concen: 14.938 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV035339.D
Acq: 22 Apr 2024 17:35

Tgt Ion: 83 Resp: 27646
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 1.9 37.6 56.4#





#48

2-Hexanone

Concen: 23.064 ug/L

RT: 8.085 min Scan# 2186

Delta R.T. 0.016 min

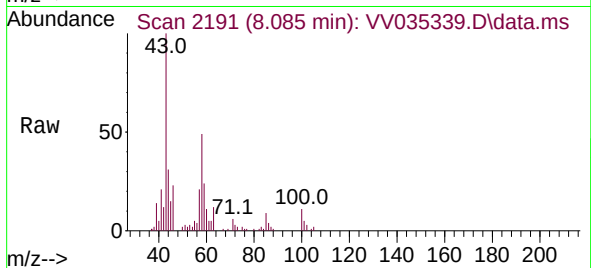
Lab File: VV035339.D

Acq: 22 Apr 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 31429

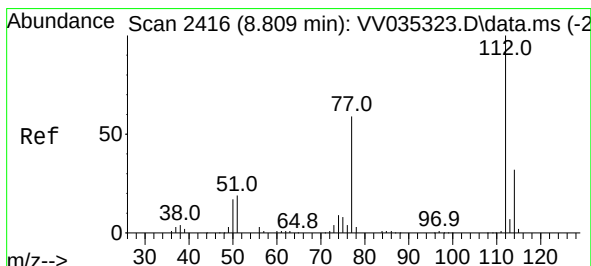
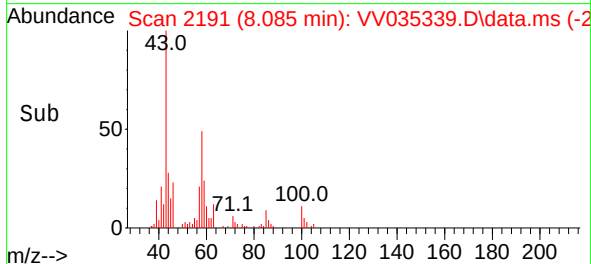
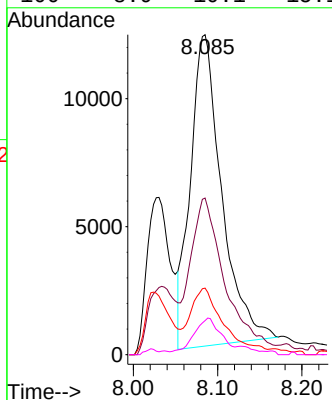
Ion Ratio Lower Upper

43 100

58 45.5 45.4 68.2

57 19.8 16.2 24.4

100 8.9 10.1 15.1#



#51

Chlorobenzene

Concen: 94.030 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035339.D

Acq: 22 Apr 2024 17:35

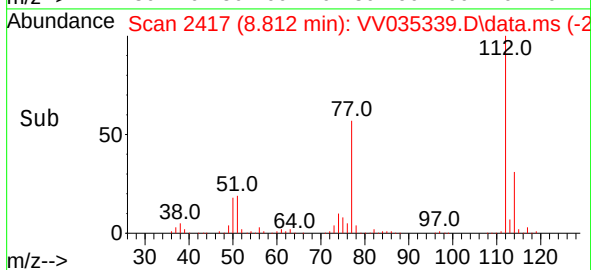
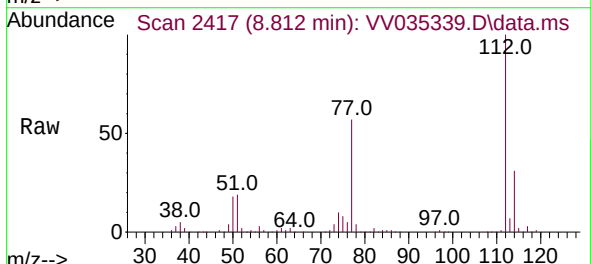
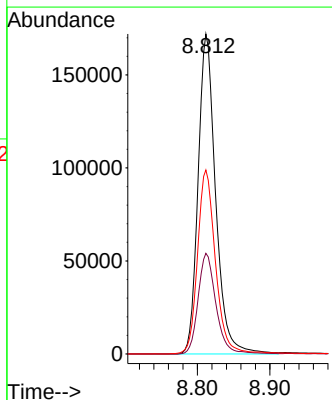
Tgt Ion: 112 Resp: 289719

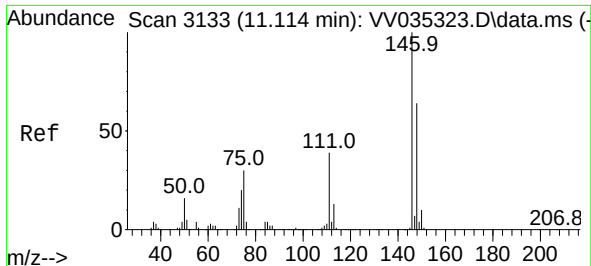
Ion Ratio Lower Upper

112 100

114 31.4 22.0 41.0

77 57.5 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 3.938 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.013 min

Lab File: VV035339.D

Acq: 22 Apr 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

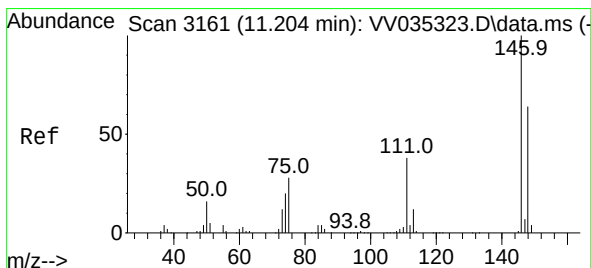
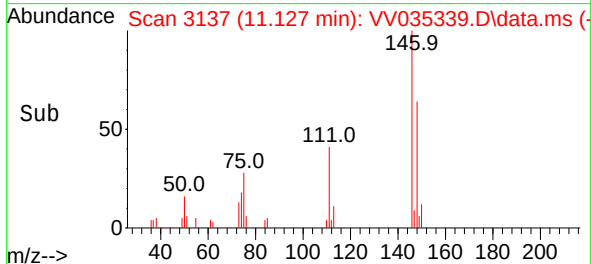
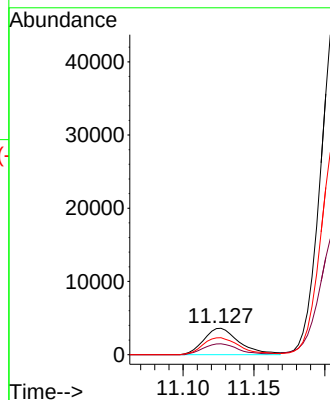
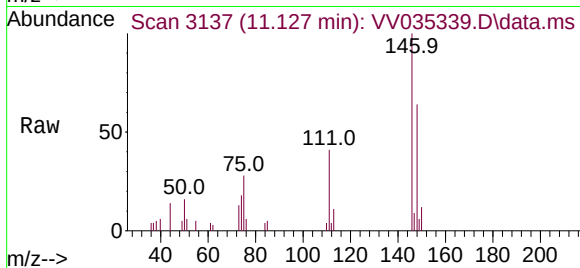
Tgt Ion:146 Resp: 6320

Ion Ratio Lower Upper

146 100

111 41.0 28.7 53.3

148 64.2 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 49.146 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.006 min

Lab File: VV035339.D

Acq: 22 Apr 2024 17:35

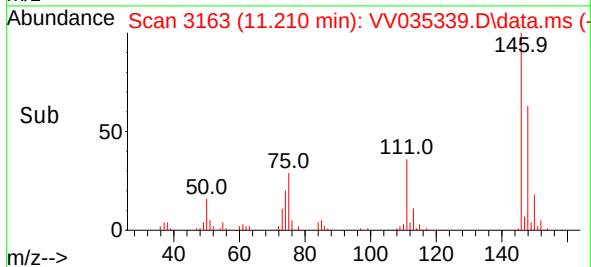
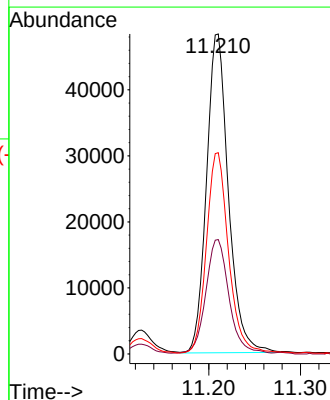
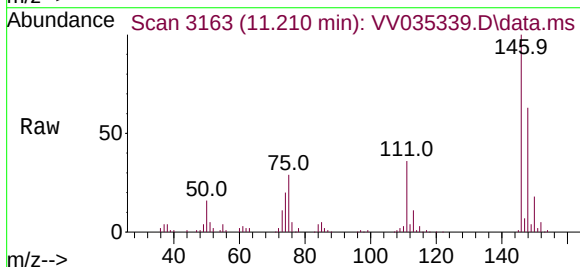
Tgt Ion:146 Resp: 80198

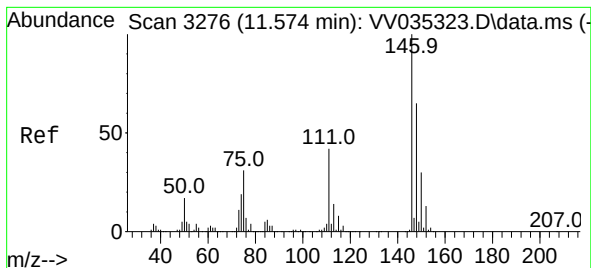
Ion Ratio Lower Upper

146 100

111 35.7 27.4 50.8

148 62.9 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 60.873 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035339.D

Acq: 22 Apr 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

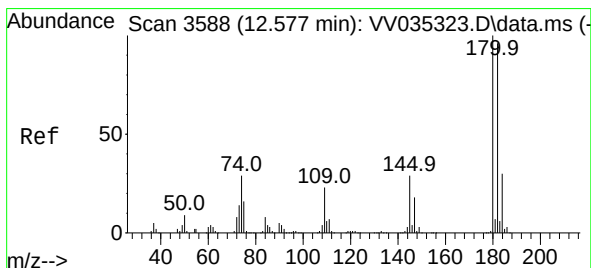
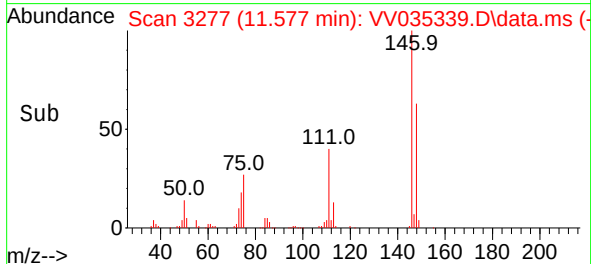
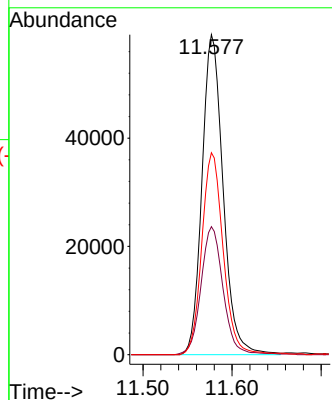
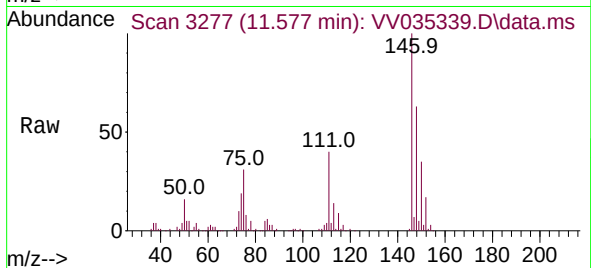
Tgt Ion:146 Resp: 97308

Ion Ratio Lower Upper

146 100

111 40.0 34.6 52.0

148 63.1 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 22.780 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.620 min

Lab File: VV035339.D

Acq: 22 Apr 2024 17:35

Tgt Ion:180 Resp: 26345

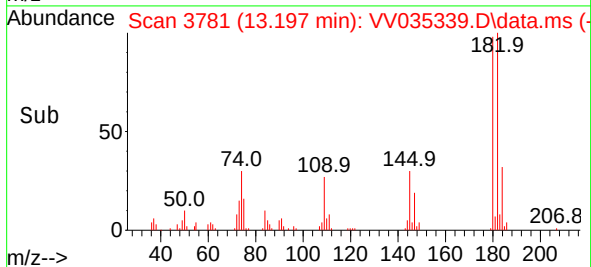
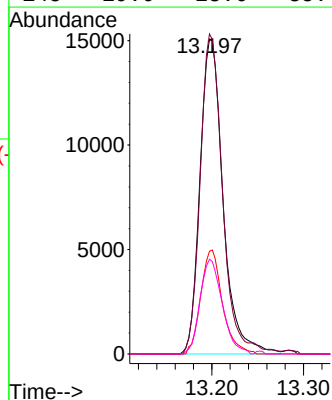
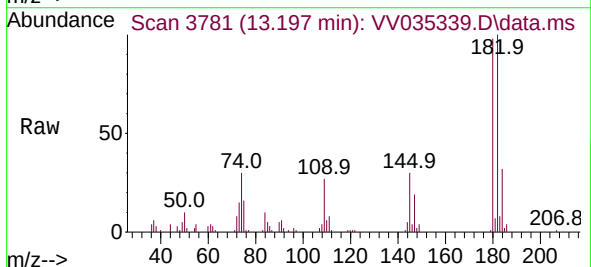
Ion Ratio Lower Upper

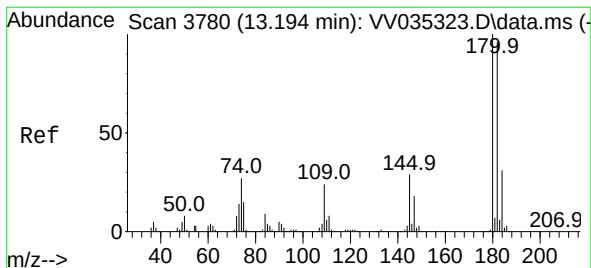
180 100

182 96.3 74.7 112.1

184 31.0 24.0 36.0

145 29.0 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 24.799 ug/L

RT: 13.197 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV035339.D

Acq: 22 Apr 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

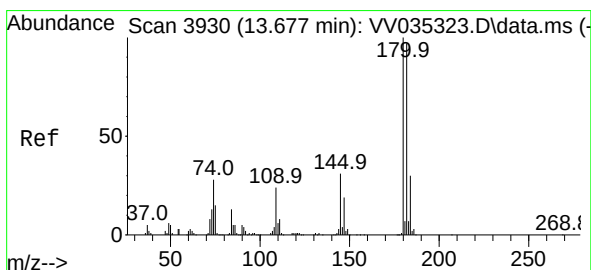
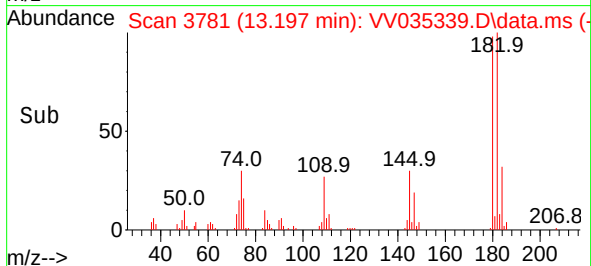
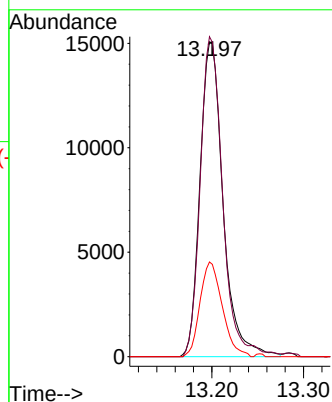
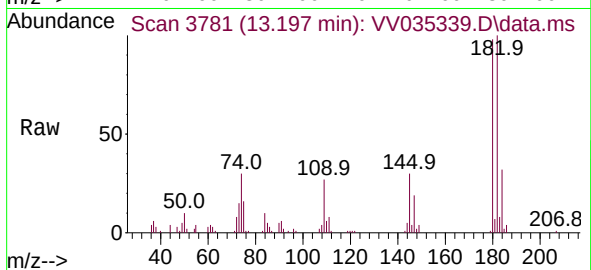
Tgt Ion:180 Resp: 26345

Ion Ratio Lower Upper

180 100

182 96.3 75.6 113.4

145 29.0 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 8.642 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035339.D

Acq: 22 Apr 2024 17:35

Tgt Ion:180 Resp: 9050

Ion Ratio Lower Upper

180 100

182 91.6 76.2 114.2

145 31.5 25.8 38.6

