

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035336.D
 Acq On : 22 Apr 2024 16:25
 Operator : SY/MD
 Sample : P2158-06DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:32:00 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

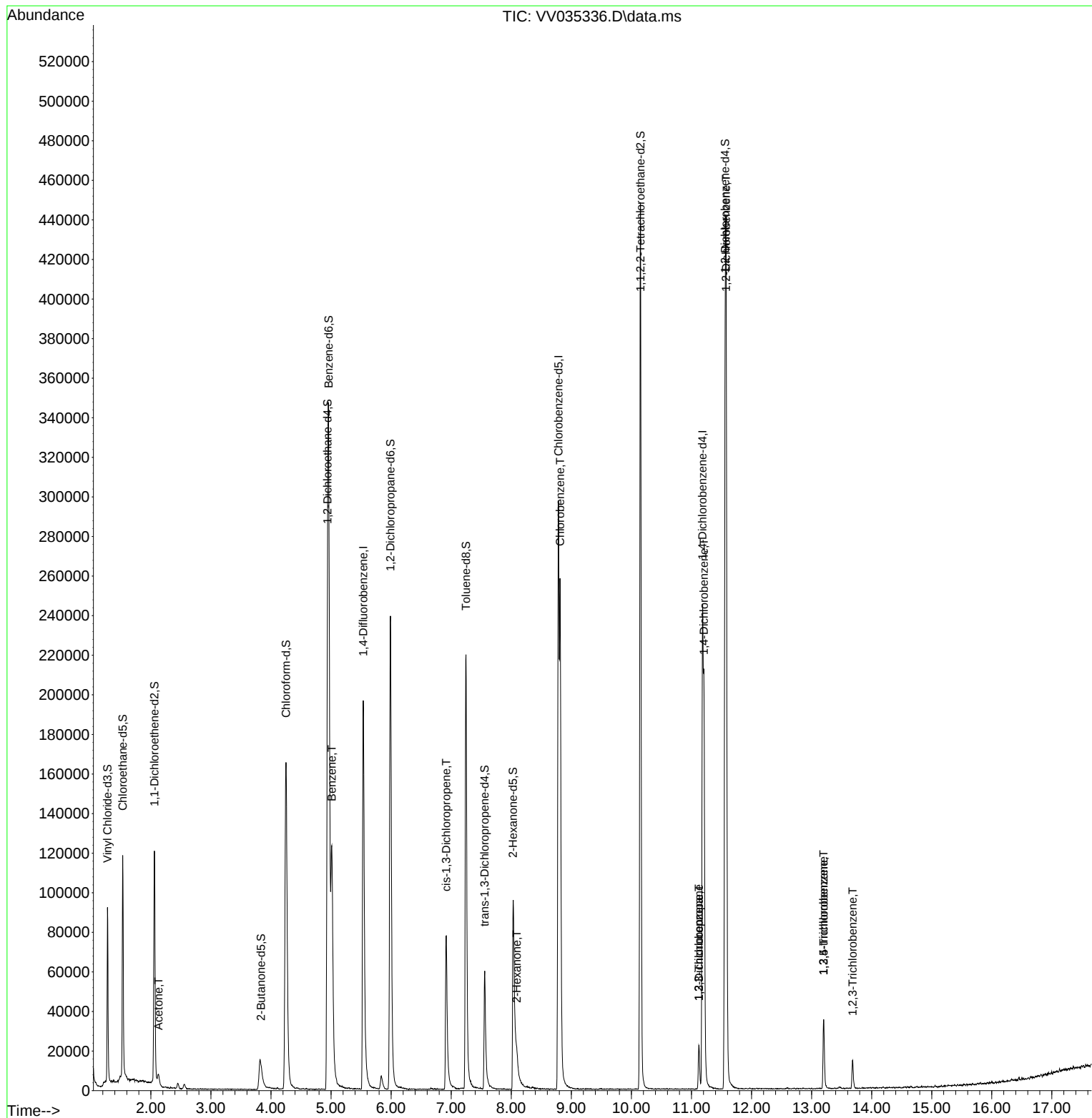
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	178126	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	159999	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	62050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57377	33.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.700%
7) Chloroethane-d5	1.532	69	71402	47.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.580%
11) 1,1-Dichloroethene-d2	2.060	65	20797	27.579	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.160%#
21) 2-Butanone-d5	3.834	46	134	0.131	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.130%#
24) Chloroform-d	4.249	84	186249	64.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.780%#
26) 1,2-Dichloroethane-d4	4.940	65	145740	79.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	158.740%#
32) Benzene-d6	4.960	84	278389	51.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.989	67	123988	72.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	145.300%#
41) Toluene-d8	7.246	98	159652	32.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.960%#
43) trans-1,3-Dichloroprop...	7.558	79	39409	47.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.000%
47) 2-Hexanone-d5	8.030	63	32251	49.982	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	49.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	223828	95.238	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	190.480%#
66) 1,2-Dichlorobenzene-d4	11.561	152	78613	56.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.860%
Target Compounds						
13) Acetone	2.127	43	6064	6.474	ug/L	95
33) Benzene	5.011	78	135261	25.925	ug/L	100
39) cis-1,3-Dichloropropene	6.918	75	2460	1.083	ug/L #	59
48) 2-Hexanone	8.091	43	11402	7.282	ug/L #	52
51) Chlorobenzene	8.815	112	140792	39.770	ug/L	98
61) 1,2,3-Trichloropropane	11.123	75	2762	2.054	ug/L #	50
64) 1,3-Dichlorobenzene	11.123	146	10283	4.919	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	79922	37.595	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	150172	72.113	ug/L	98
69) 1,3,5-Trichlorobenzene	13.201	180	12331	8.185	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	12331	8.910	ug/L	96
72) 1,2,3-Trichlorobenzene	13.683	180	4969	3.643	ug/L	97

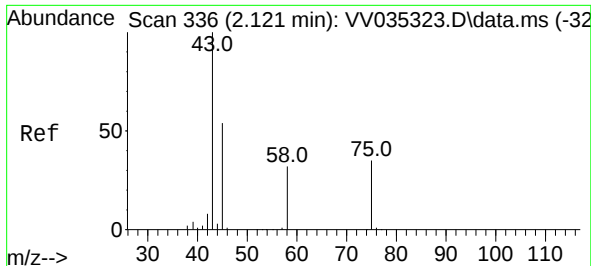
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
Data File : VV035336.D
Acq On : 22 Apr 2024 16:25
Operator : SY/MD
Sample : P2158-06DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 23 00:32:00 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





#13

Acetone

Concen: 6.474 ug/L

RT: 2.127 min Scan# 336

Delta R.T. 0.006 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Instrument :

MSVOA_V

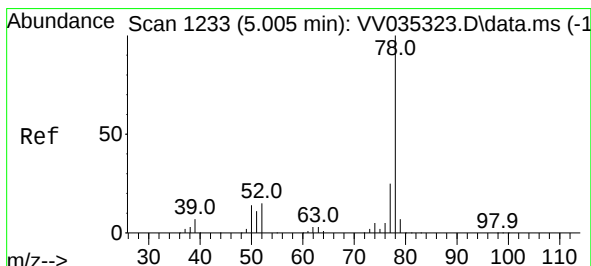
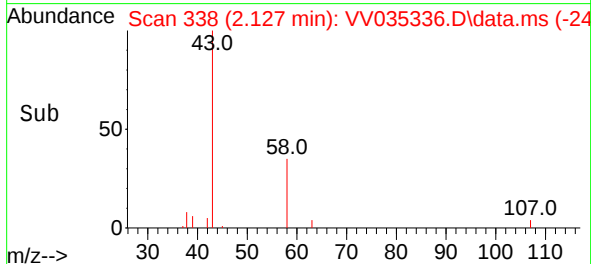
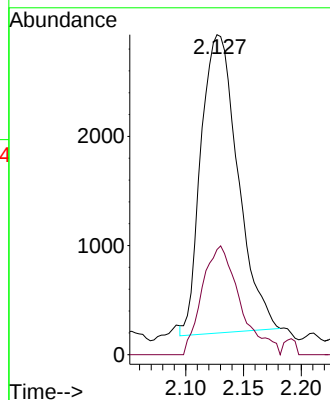
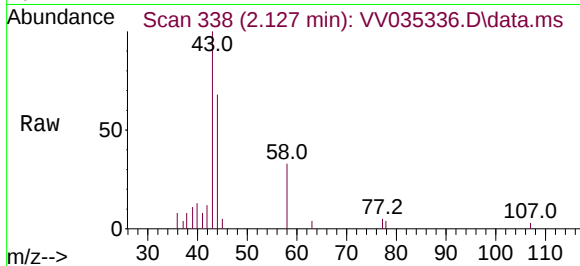
ClientSampleId :

Tgt Ion: 43 Resp: 6064

Ion Ratio Lower Upper

43 100

58 35.8 0.0 66.0



#33

Benzene

Concen: 25.925 ug/L

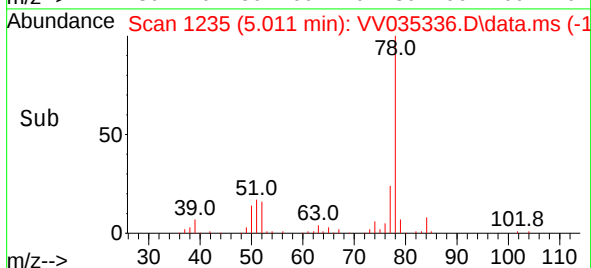
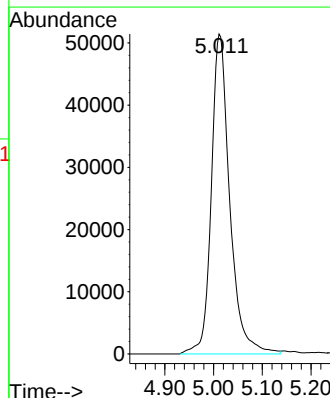
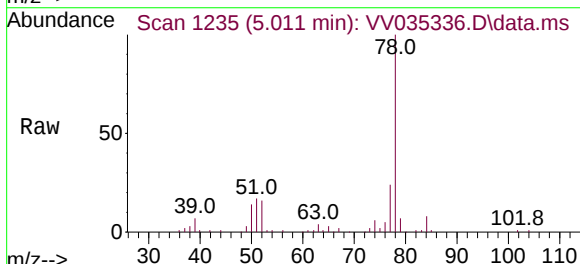
RT: 5.011 min Scan# 1235

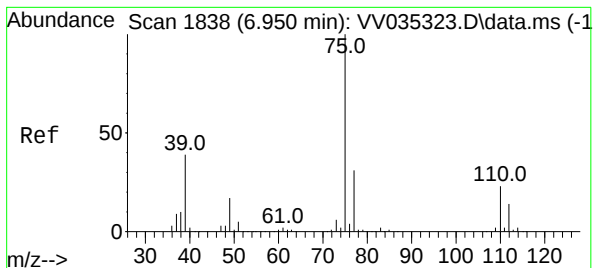
Delta R.T. 0.006 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Tgt Ion: 78 Resp: 135261





#39

cis-1,3-Dichloropropene

Concen: 1.083 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Instrument :

MSVOA_V

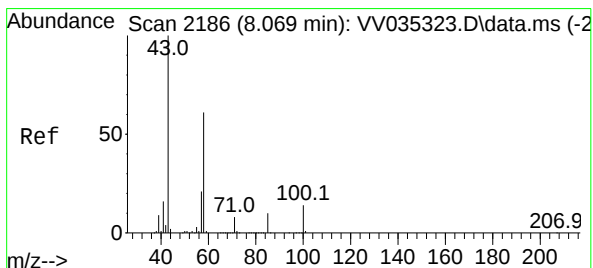
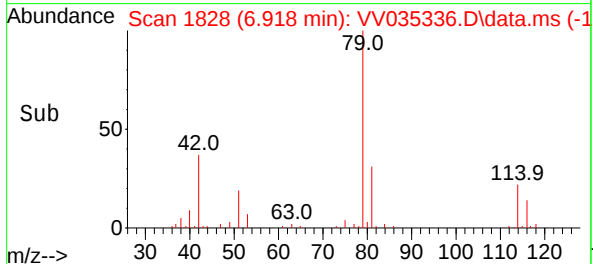
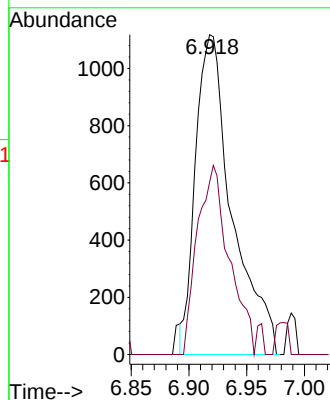
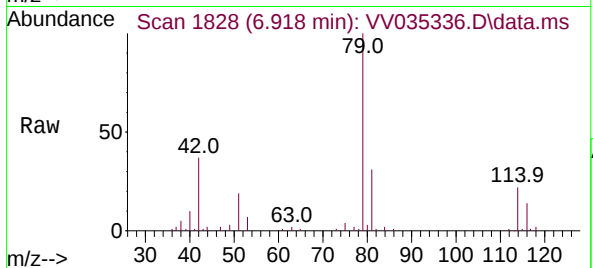
ClientSampleId :

Tgt Ion: 75 Resp: 2460

Ion Ratio Lower Upper

75 100

77 53.9 21.9 40.7#



#48

2-Hexanone

Concen: 7.282 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.022 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Tgt Ion: 43 Resp: 11402

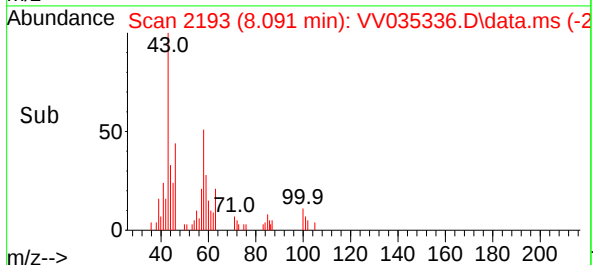
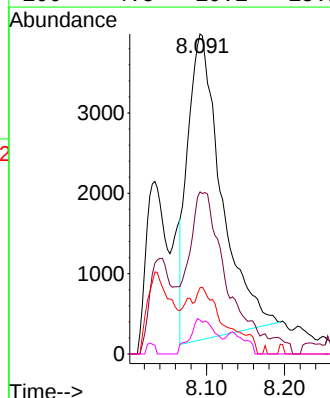
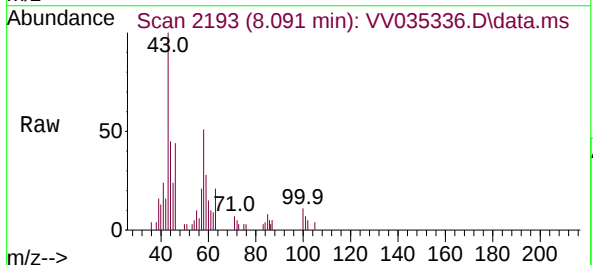
Ion Ratio Lower Upper

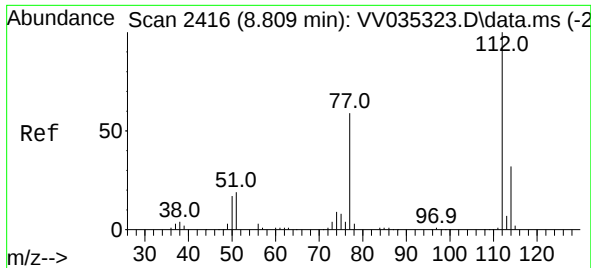
43 100

58 10.1 45.4 68.2#

57 11.4 16.2 24.4#

100 4.5 10.1 15.1#





#51

Chlorobenzene

Concen: 39.770 ug/L

RT: 8.815 min Scan# 2416

Delta R.T. 0.006 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Instrument :

MSVOA_V

ClientSampleId :

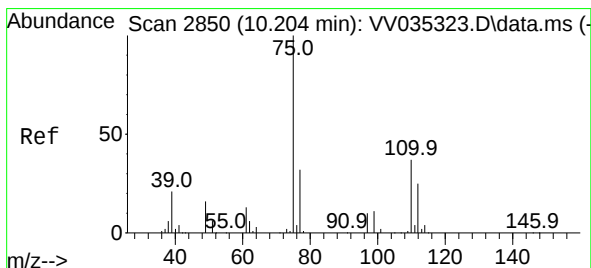
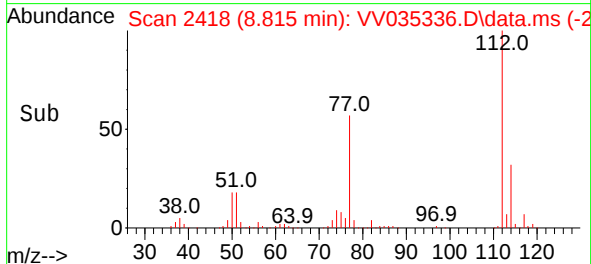
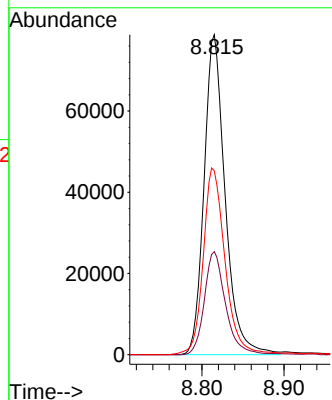
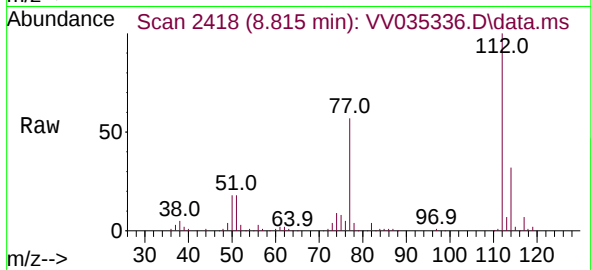
Tgt Ion:112 Resp: 140792

Ion Ratio Lower Upper

112 100

114 32.2 22.0 41.0

77 57.4 47.4 71.2



#61

1,2,3-Trichloropropane

Concen: 2.054 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. 0.919 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

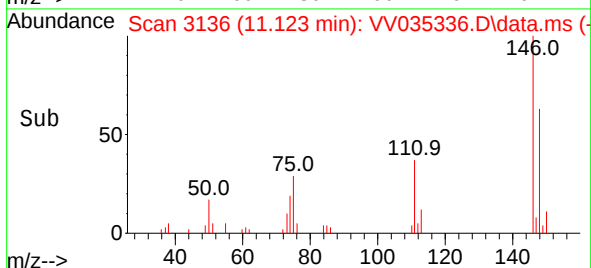
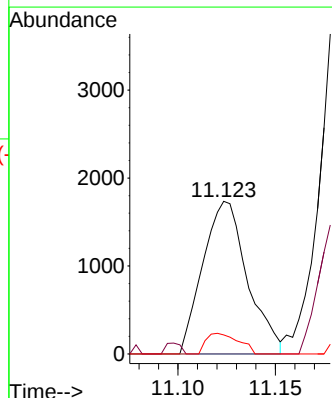
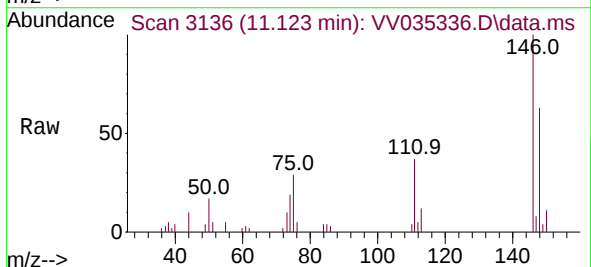
Tgt Ion: 75 Resp: 2762

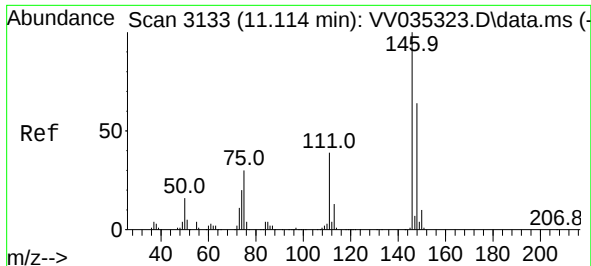
Ion Ratio Lower Upper

75 100

77 2.4 26.0 39.0#

110 9.9 30.5 45.7#





#64

1,3-Dichlorobenzene

Concen: 4.919 ug/L

RT: 11.123 min Scan# 3133

Delta R.T. 0.009 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Instrument :

MSVOA_V

ClientSampleId :

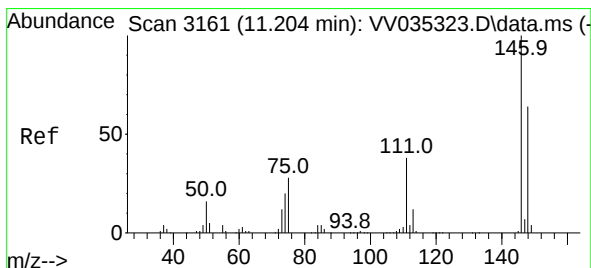
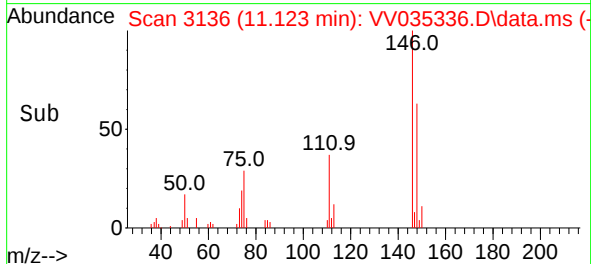
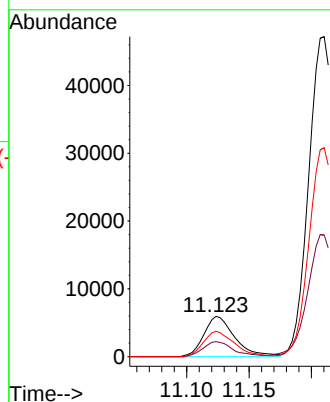
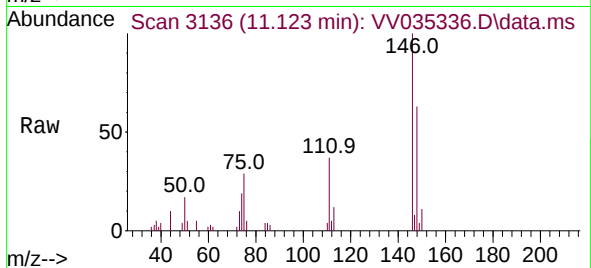
Tgt Ion:146 Resp: 10283

Ion Ratio Lower Upper

146 100

111 37.3 28.7 53.3

148 63.2 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 37.595 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.006 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

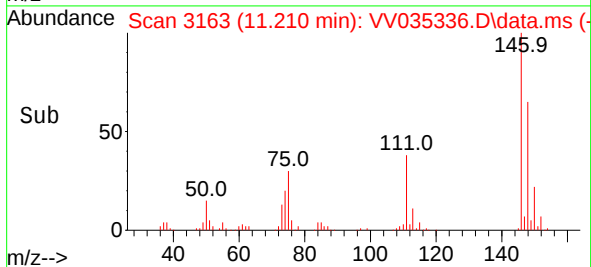
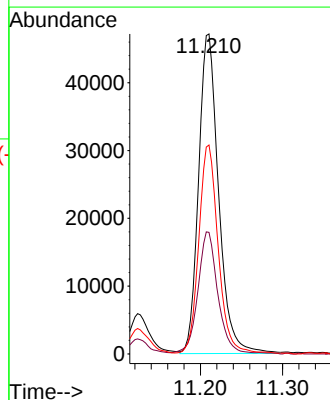
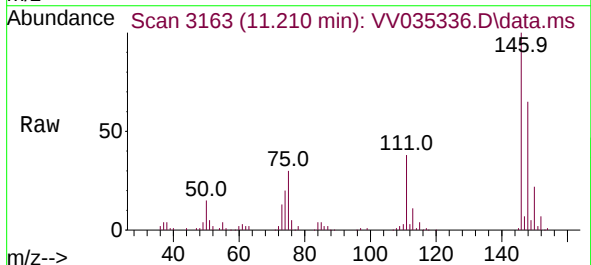
Tgt Ion:146 Resp: 79922

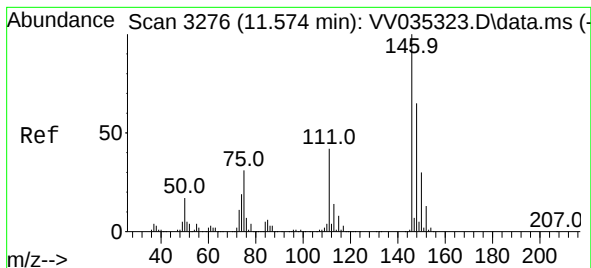
Ion Ratio Lower Upper

146 100

111 38.0 27.4 50.8

148 65.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 72.113 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Instrument :

MSVOA_V

ClientSampleId :

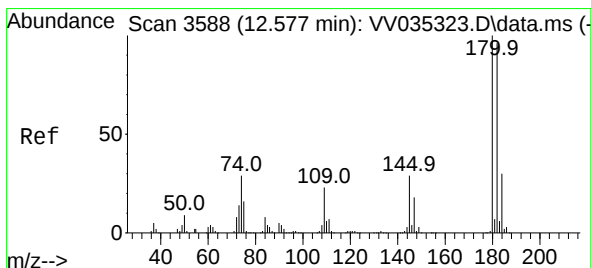
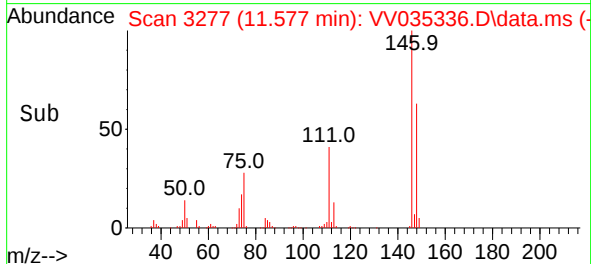
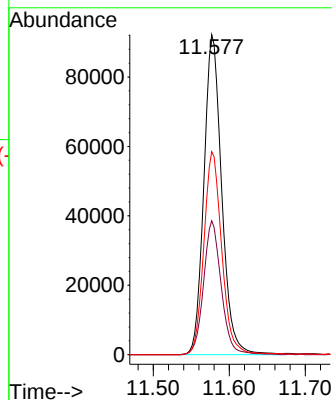
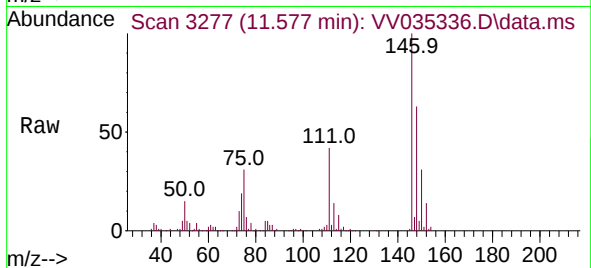
Tgt Ion:146 Resp: 150172

Ion Ratio Lower Upper

146 100

111 41.8 34.6 52.0

148 63.5 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 8.185 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.624 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Tgt Ion:180 Resp: 12331

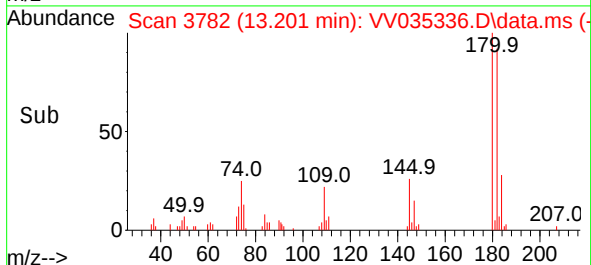
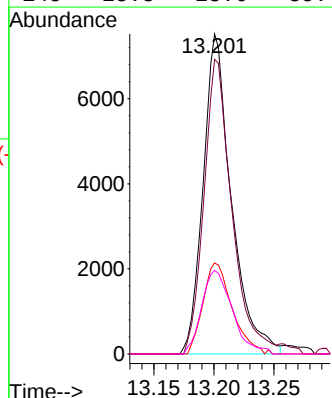
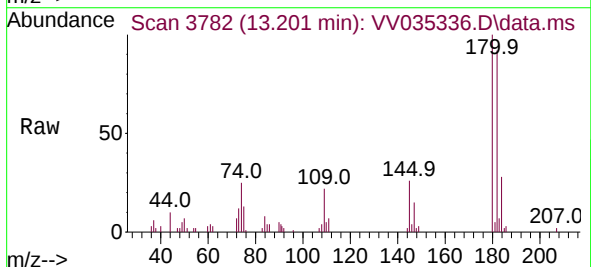
Ion Ratio Lower Upper

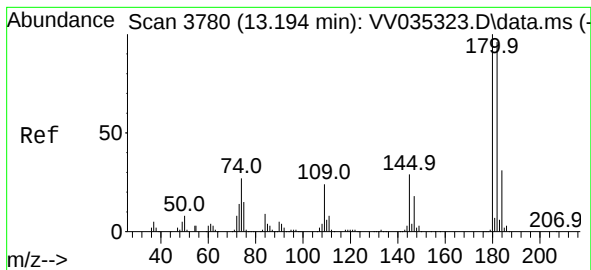
180 100

182 90.7 74.7 112.1

184 29.2 24.0 36.0

145 28.3 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 8.910 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Instrument :

MSVOA_V

ClientSampleId :

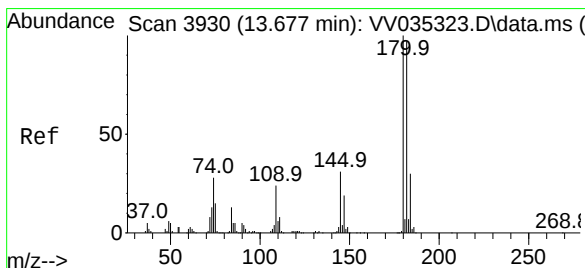
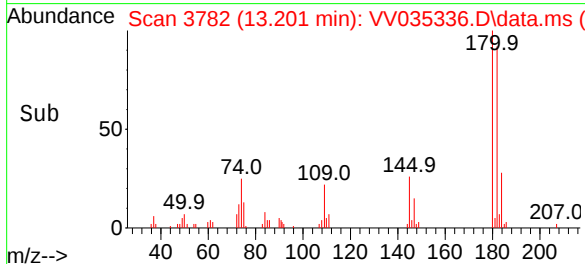
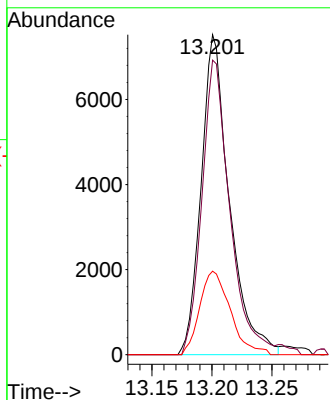
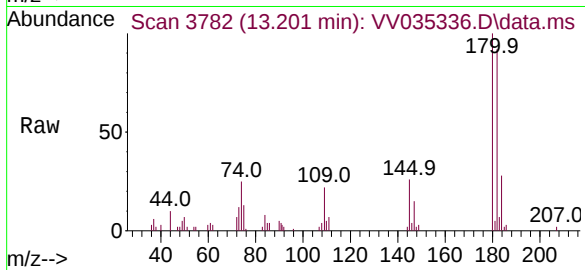
Tgt Ion:180 Resp: 12331

Ion Ratio Lower Upper

180 100

182 90.7 75.6 113.4

145 28.3 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 3.643 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035336.D

Acq: 22 Apr 2024 16:25

Tgt Ion:180 Resp: 4969

Ion Ratio Lower Upper

180 100

182 93.7 76.2 114.2

145 28.7 25.8 38.6

