

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035328.D
 Acq On : 22 Apr 2024 13:20
 Operator : SY/MD
 Sample : P2182-09 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:29:51 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)

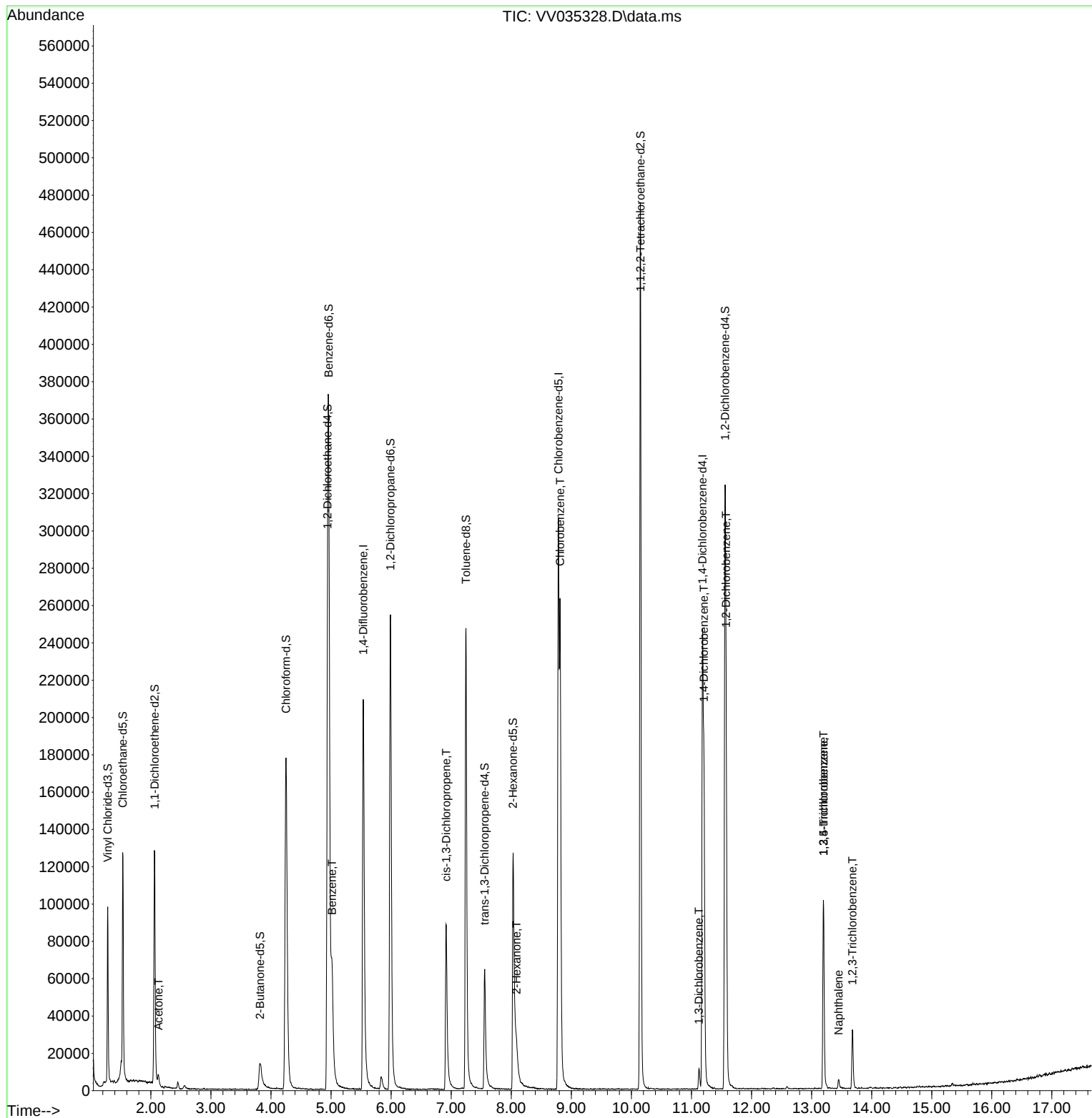
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	191748	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	165948	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	61891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61397	33.155	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.320%		
7) Chloroethane-d5	1.532	69	75973	47.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.460%		
11) 1,1-Dichloroethene-d2	2.063	65	22025	27.133	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.260%#		
21) 2-Butanone-d5	3.818	46	213	0.194	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	0.190%#		
24) Chloroform-d	4.249	84	199323	64.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	128.040%#		
26) 1,2-Dichloroethane-d4	4.940	65	154127	77.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	155.940%#		
32) Benzene-d6	4.960	84	298887	53.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.240%		
36) 1,2-Dichloropropane-d6	5.989	67	133709	75.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	151.080%#		
41) Toluene-d8	7.246	98	176353	35.129	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.260%#		
43) trans-1,3-Dichloroprop...	7.558	79	43509	50.561	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.120%		
47) 2-Hexanone-d5	8.030	63	43635	65.200	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	65.200%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	235225	96.500	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	193.000%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	76642	55.154	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.300%		
Target Compounds						Qvalue
13) Acetone	2.127	43	5757	5.710	ug/L	98
33) Benzene	5.014	78	71345	13.184	ug/L	100
39) cis-1,3-Dichloropropene	6.918	75	2096	0.890	ug/L #	59
48) 2-Hexanone	8.088	43	16732	10.304	ug/L #	76
51) Chlorobenzene	8.815	112	141216	38.460	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	4925	2.362	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	69403	32.731	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	63574	30.607	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	32571	21.674	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	32571	23.596	ug/L	100
71) Naphthalene	13.451	128	4485	1.171	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.680	180	10507	7.722	ug/L	98

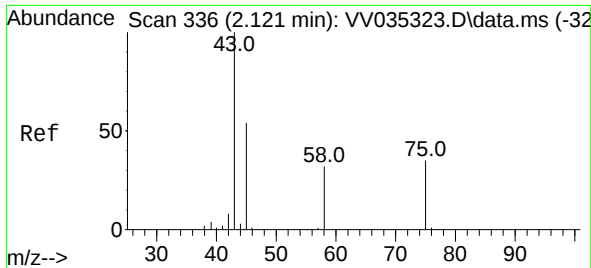
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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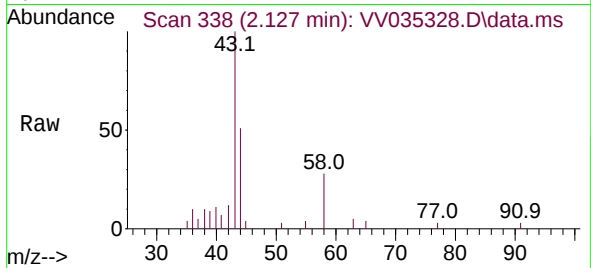
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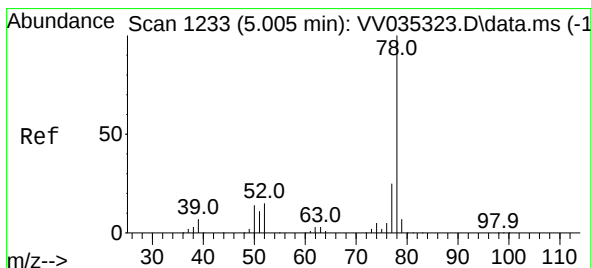
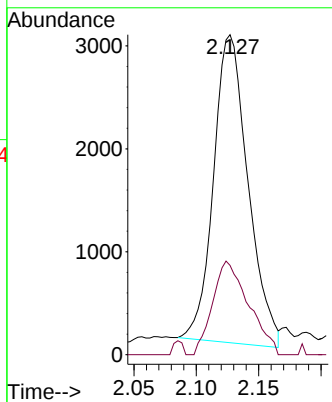
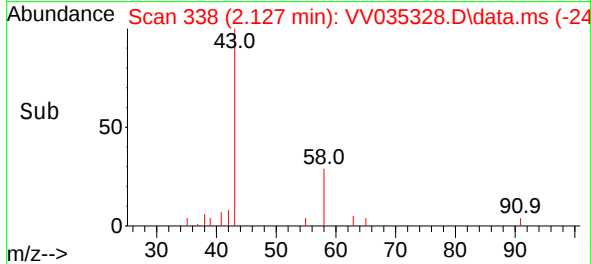


#13
Acetone
Concen: 5.710 ug/L
RT: 2.127 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

Instrument :
MSVOA_V
ClientSampleId :

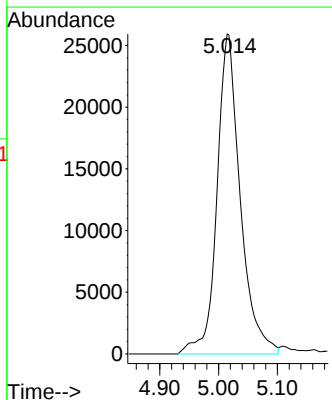
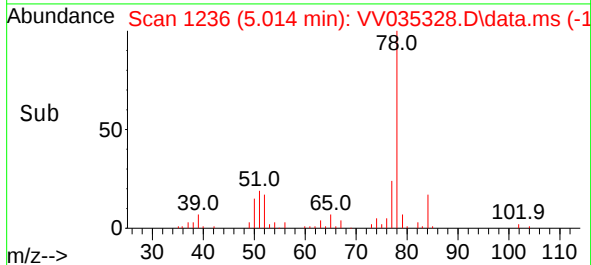
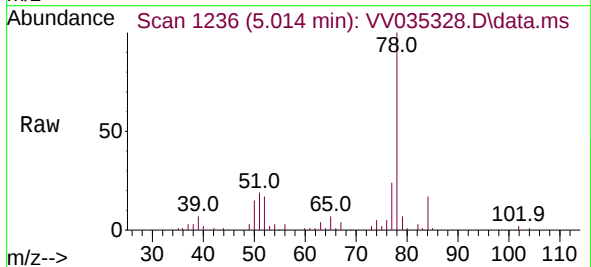


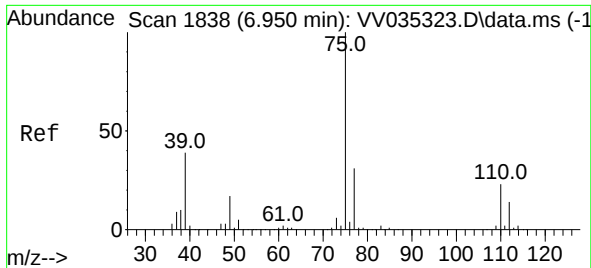
Tgt Ion: 43 Resp: 5757
Ion Ratio Lower Upper
43 100
58 31.8 0.0 66.0



#33
Benzene
Concen: 13.184 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.009 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

Tgt Ion: 78 Resp: 71345

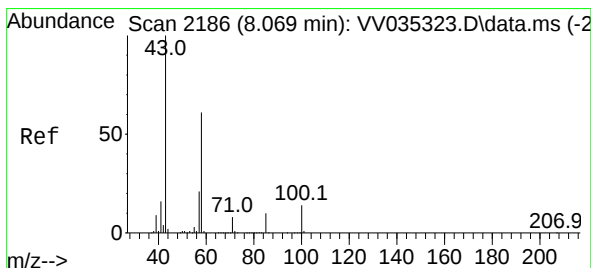
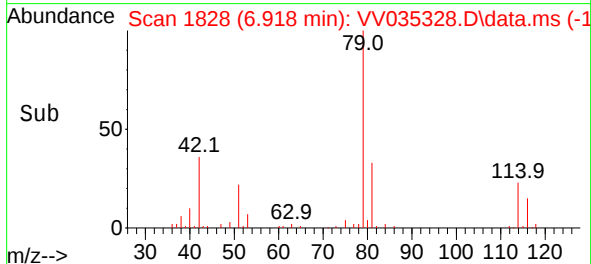
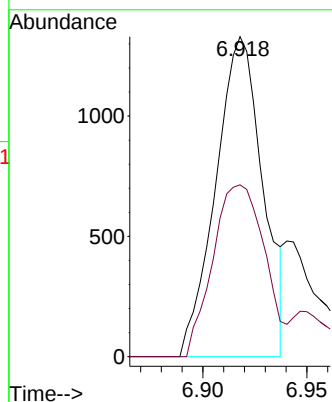
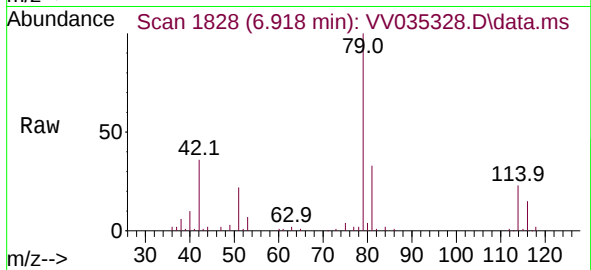




#39
cis-1,3-Dichloropropene
Concen: 0.890 ug/L
RT: 6.918 min Scan# 11
Delta R.T. -0.032 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

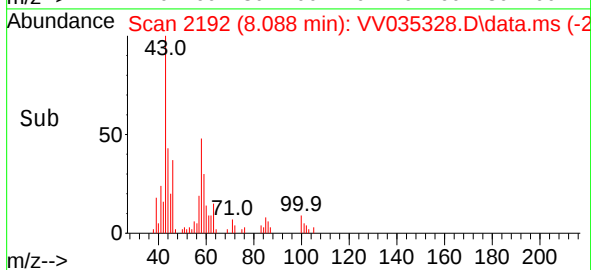
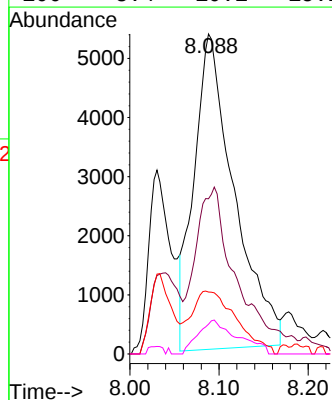
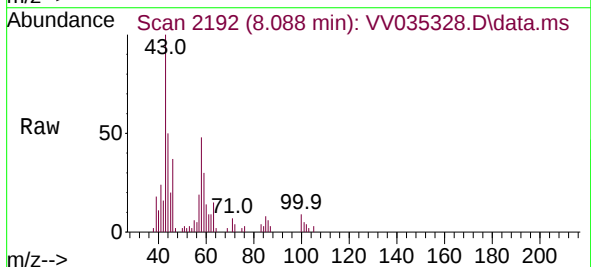
Instrument :
MSVOA_V
ClientSampleId :

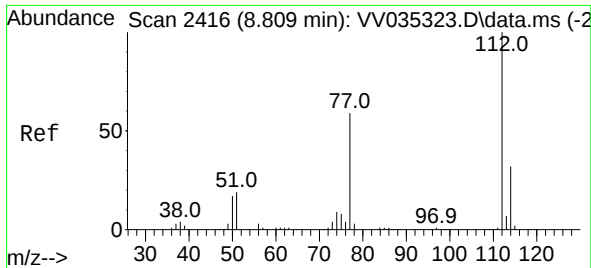
Tgt Ion: 75 Resp: 2096
Ion Ratio Lower Upper
75 100
77 53.7 21.9 40.7#



#48
2-Hexanone
Concen: 10.304 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.019 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

Tgt Ion: 43 Resp: 16732
Ion Ratio Lower Upper
43 100
58 31.4 45.4 68.2#
57 20.8 16.2 24.4
100 8.4 10.1 15.1#

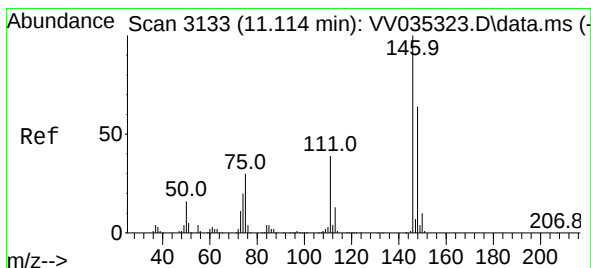
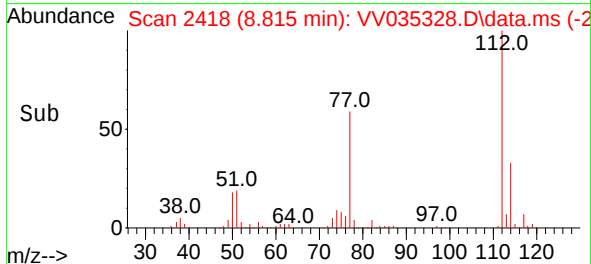
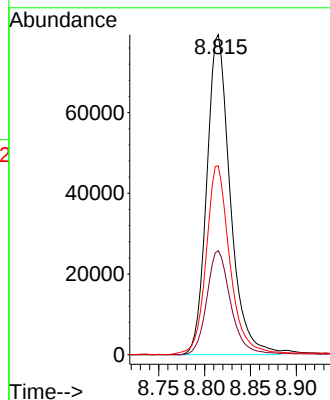
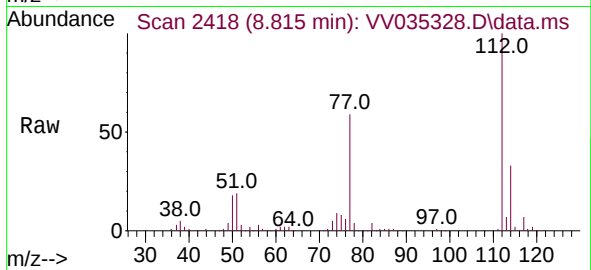




#51
Chlorobenzene
Concen: 38.460 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

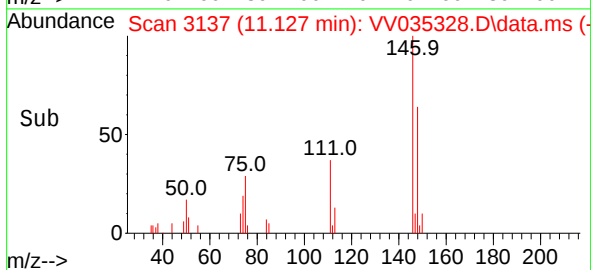
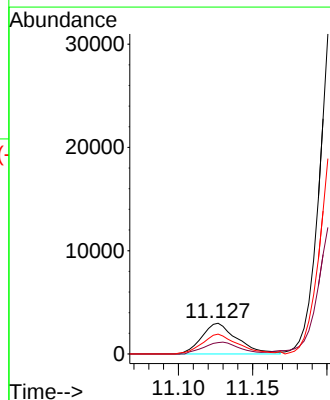
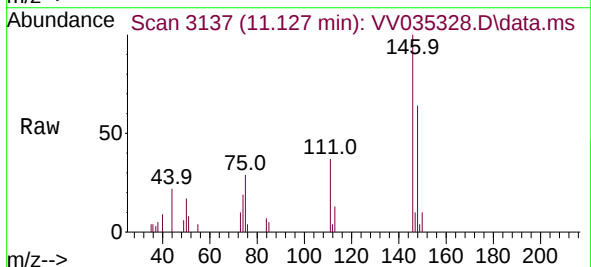
Instrument :
MSVOA_V
ClientSampleId :

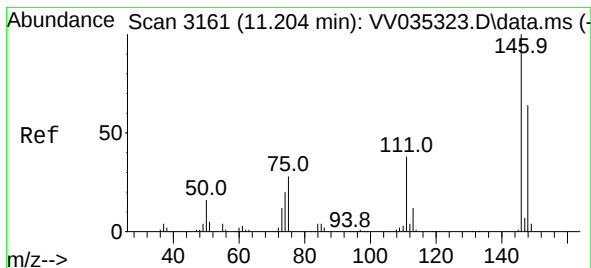
Tgt Ion:112 Resp: 141216
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 59.0 47.4 71.2



#64
1,3-Dichlorobenzene
Concen: 2.362 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

Tgt Ion:146 Resp: 4925
Ion Ratio Lower Upper
146 100
111 37.0 28.7 53.3
148 64.4 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 32.731 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

Instrument :

MSVOA_V

ClientSampleId :

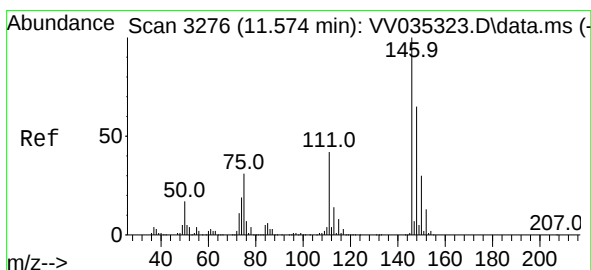
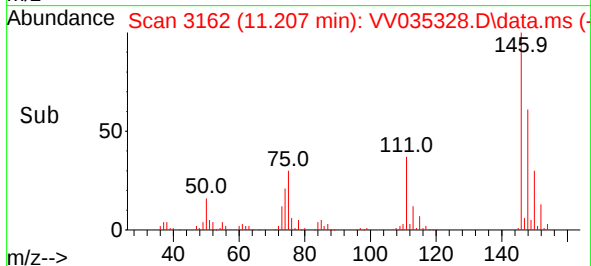
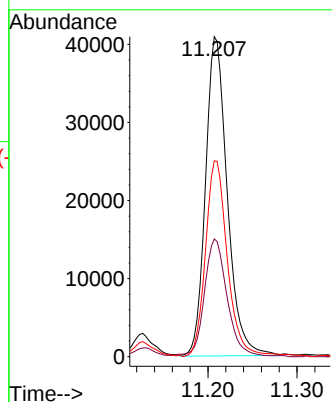
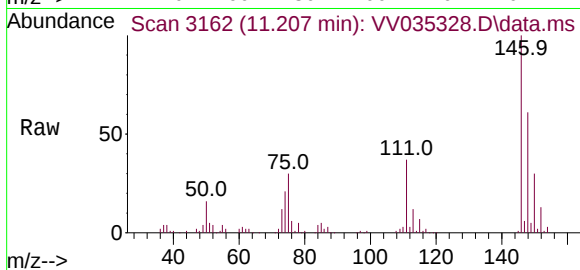
Tgt Ion:146 Resp: 69403

Ion Ratio Lower Upper

146 100

111 36.8 27.4 50.8

148 61.2 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 30.607 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

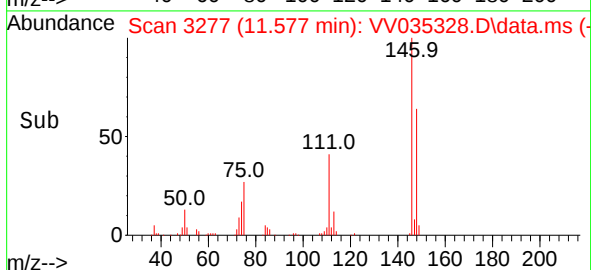
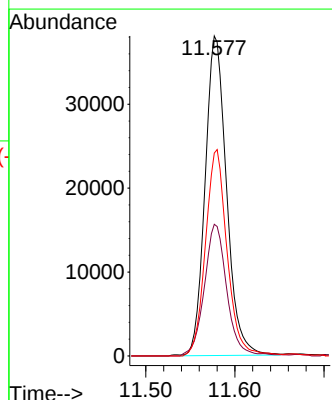
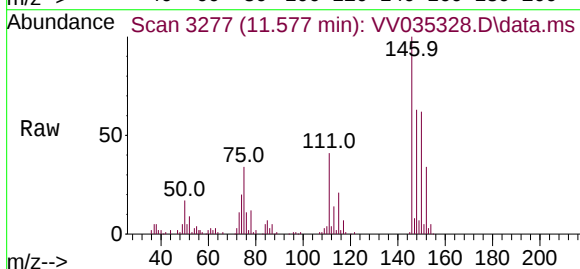
Tgt Ion:146 Resp: 63574

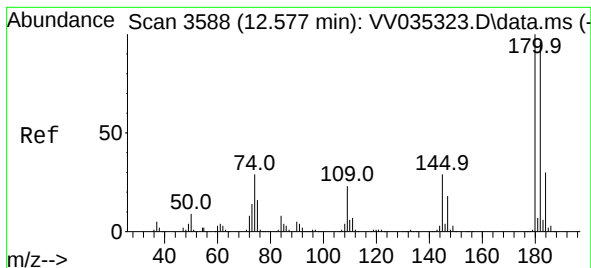
Ion Ratio Lower Upper

146 100

111 41.2 34.6 52.0

148 63.4 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 21.674 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.620 min

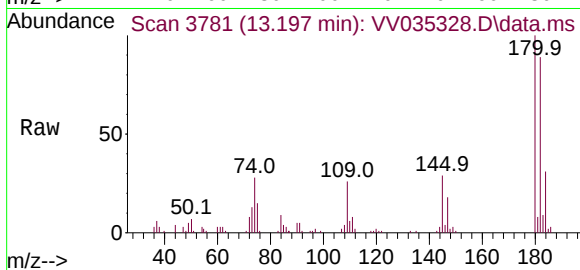
Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 32571

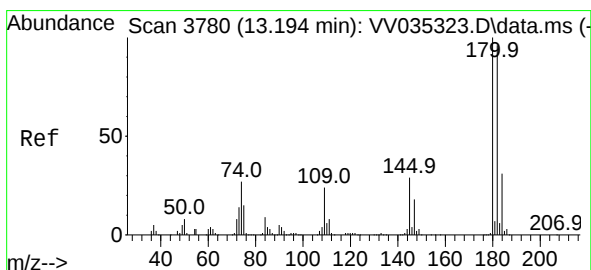
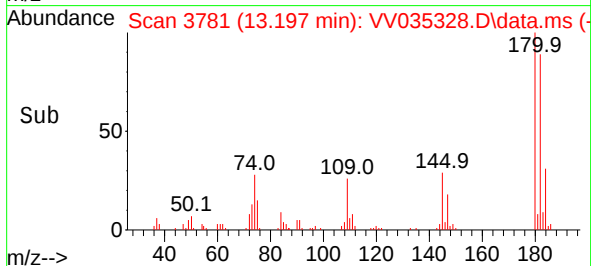
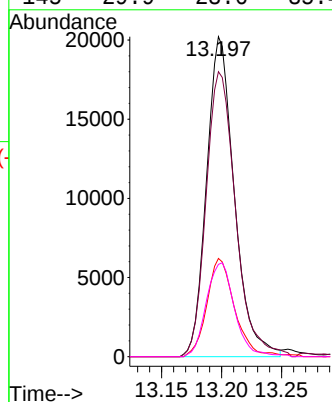
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

184 30.2 24.0 36.0

145 29.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 23.596 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

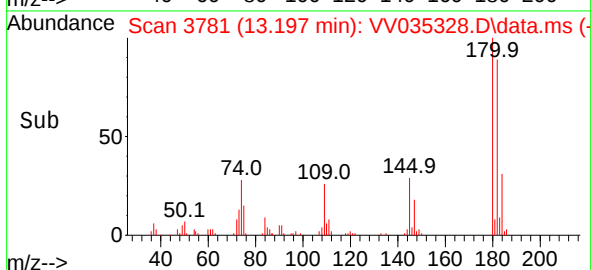
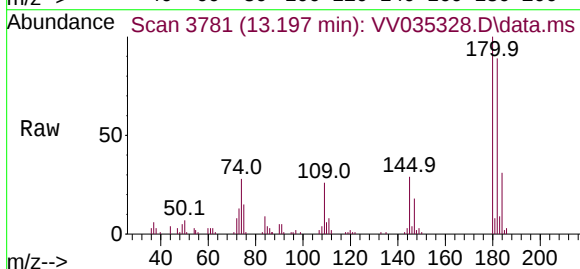
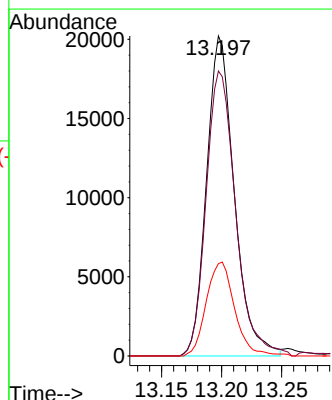
Tgt Ion:180 Resp: 32571

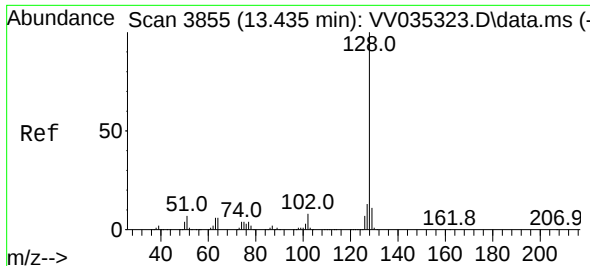
Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

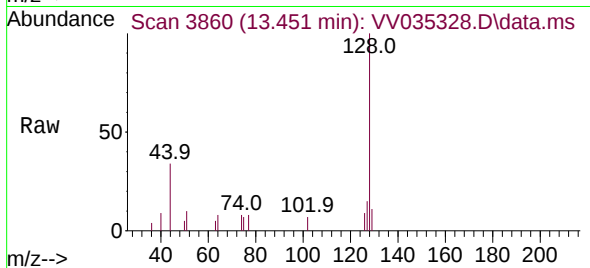
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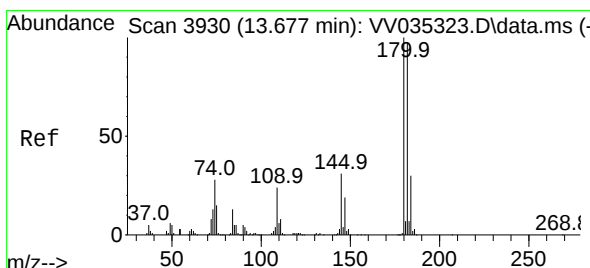
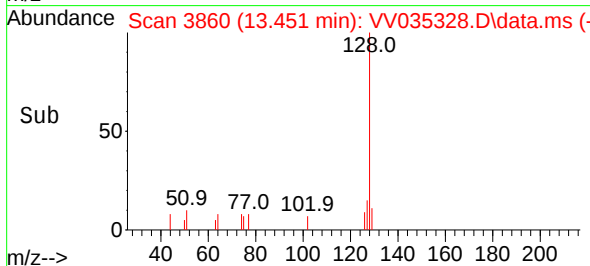
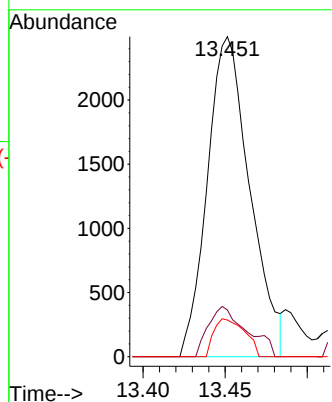


#71
Naphthalene
Concen: 1.171 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

Instrument :
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ClientSampleId :



Tgt Ion:128 Resp: 4485
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 8.6 8.7 13.1#



#72
1,2,3-Trichlorobenzene
Concen: 7.722 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

Tgt Ion:180 Resp: 10507
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 29.7 25.8 38.6

