

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035013.D
 Acq On : 05 Apr 2024 18:07
 Operator : SY/MD
 Sample : P2006-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 01:05:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 00:54:20 2024
 Response via : Initial Calibration

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

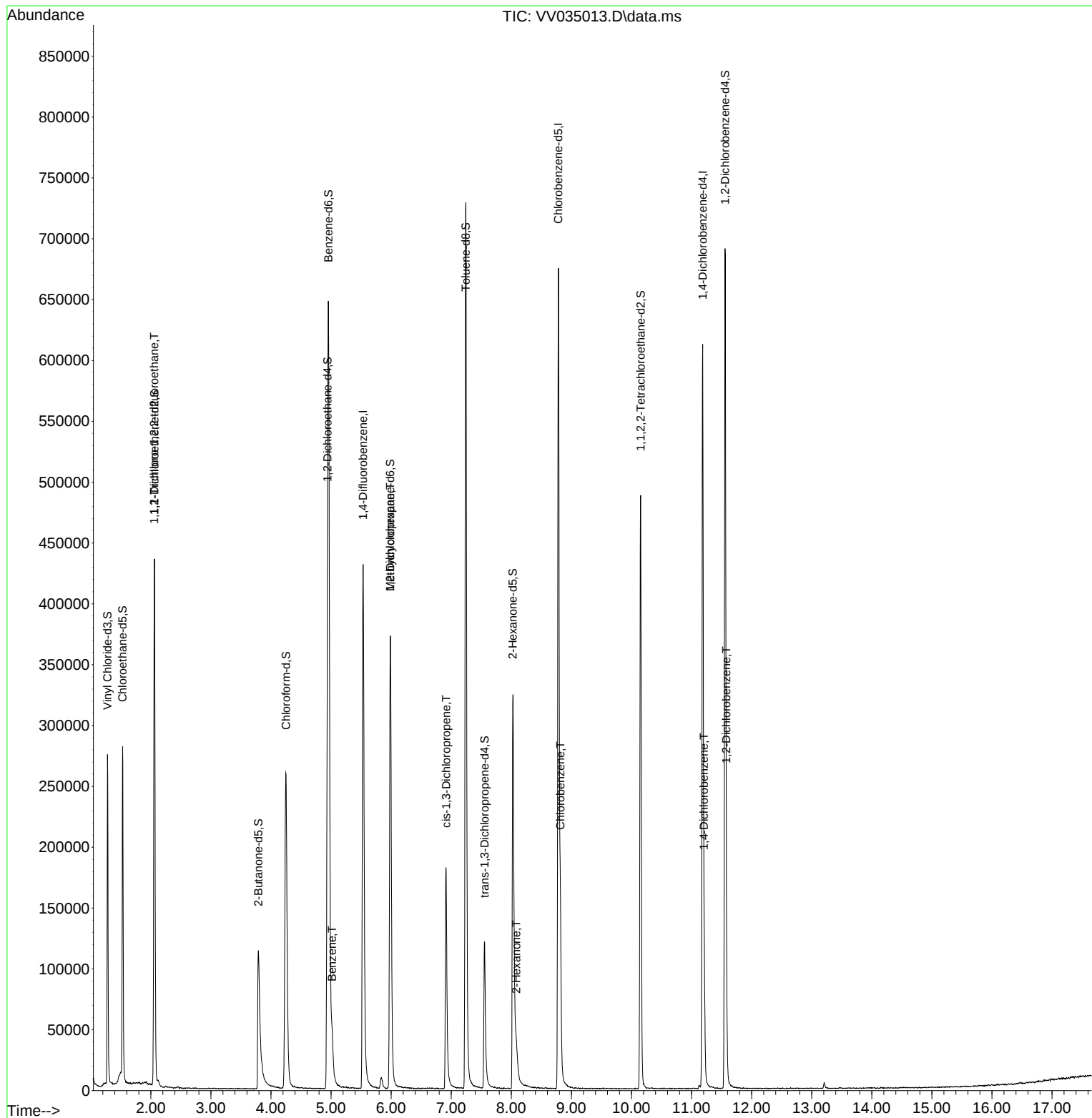
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	374362	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	357643	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	153718	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	176799	48.902	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.800%		
7) Chloroethane-d5	1.529	69	165258	52.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.260%		
11) 1,1-Dichloroethene-d2	2.060	65	75538	47.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.320%		
21) 2-Butanone-d5	3.789	46	195261	91.064	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.060%		
24) Chloroform-d	4.249	84	282019	46.395	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.780%		
26) 1,2-Dichloroethane-d4	4.940	65	182920	47.397	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.800%		
32) Benzene-d6	4.957	84	583069	48.535	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.060%		
36) 1,2-Dichloropropane-d6	5.985	67	187532	49.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.320%		
41) Toluene-d8	7.243	98	494218	45.680	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.360%		
43) trans-1,3-Dichloroprop...	7.555	79	77050	41.546	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.100%		
47) 2-Hexanone-d5	8.024	63	109455	75.888	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.890%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	242214	46.107	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.220%		
66) 1,2-Dichlorobenzene-d4	11.558	152	174317	50.508	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2134	0.726	ug/L #	24
33) Benzene	5.014	78	38106	3.267	ug/L	100
35) Methylcyclohexane	5.985	83	42496	8.940	ug/L #	20
39) cis-1,3-Dichloropropene	6.915	75	5116	1.008	ug/L #	79
48) 2-Hexanone	8.082	43	20750	5.929	ug/L #	86
51) Chlorobenzene	8.815	112	86409	10.919	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	40168	7.627	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	27946	5.417	ug/L	100

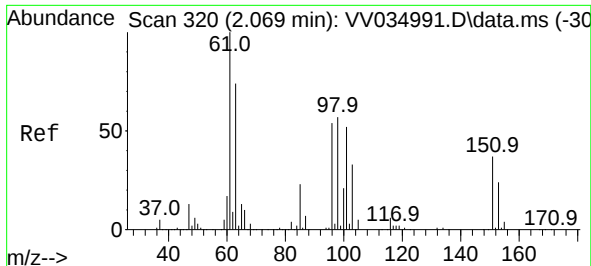
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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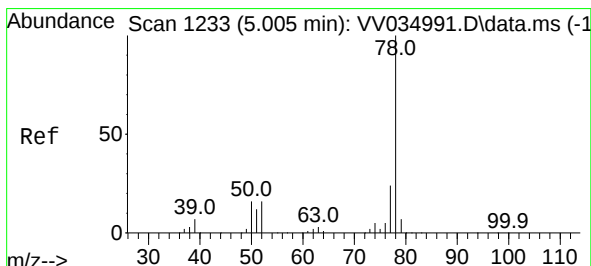
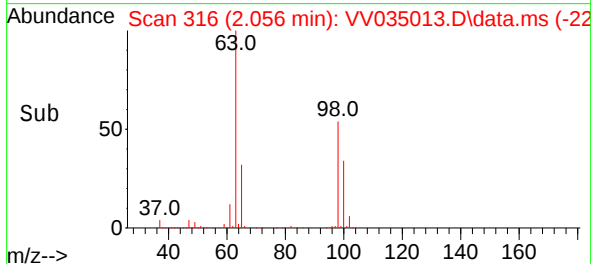
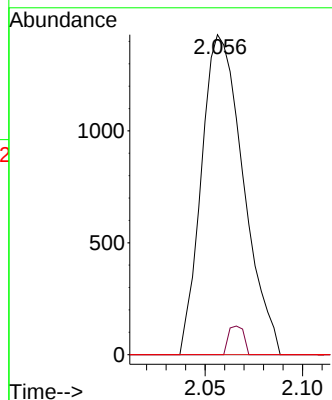
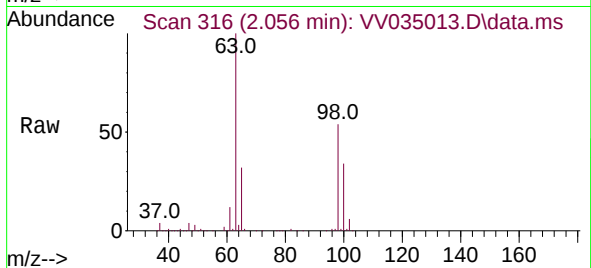




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.726 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.013 min
Lab File: VV035013.D
Acq: 05 Apr 2024 18:07

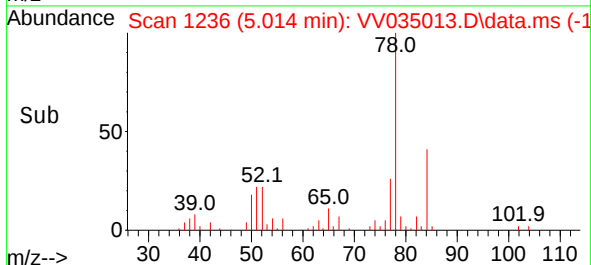
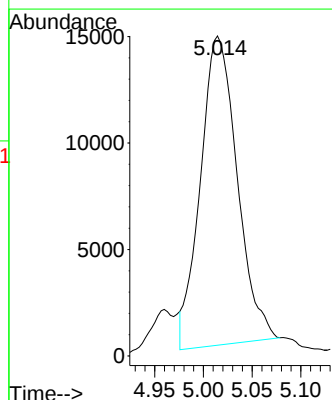
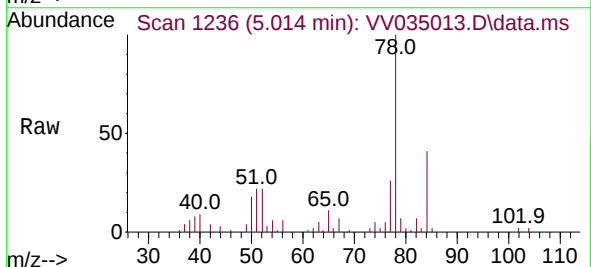
Instrument :
MSVOA_V
ClientSampleId :

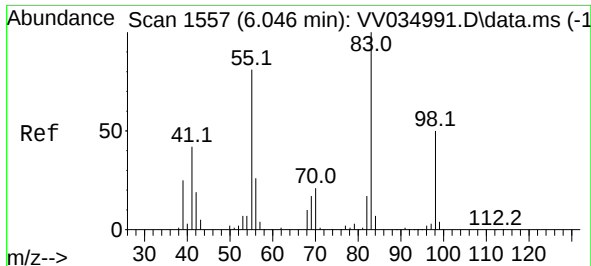
Tgt Ion:101 Resp: 2134
Ion Ratio Lower Upper
101 100
85 3.3 35.3 52.9#
151 0.0 55.0 82.4#



#33
Benzene
Concen: 3.267 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV035013.D
Acq: 05 Apr 2024 18:07

Tgt Ion: 78 Resp: 38106





#35

Methylcyclohexane

Concen: 8.940 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV035013.D

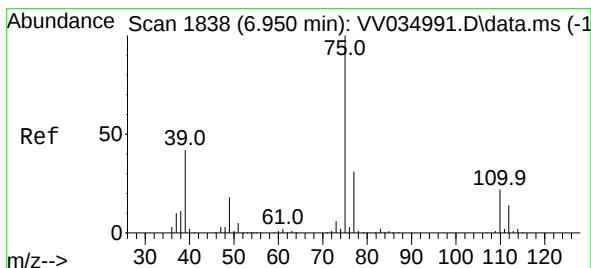
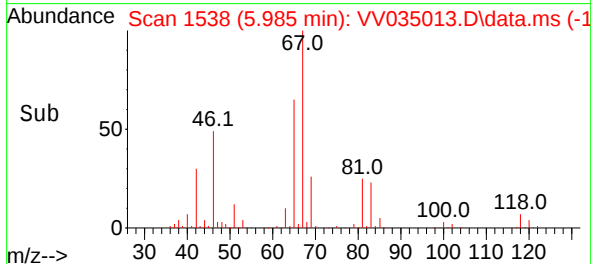
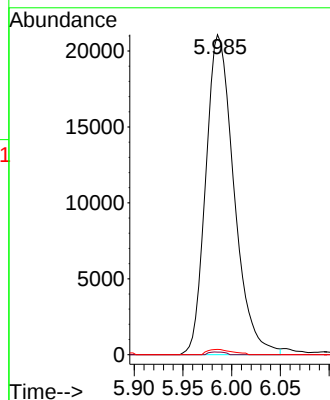
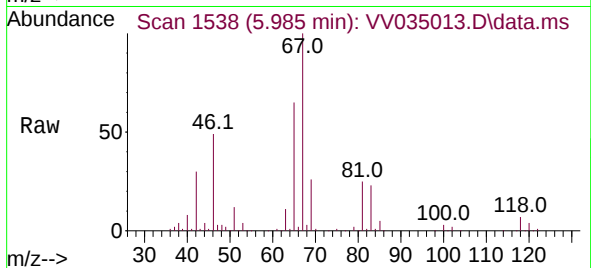
Acq: 05 Apr 2024 18:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	42496
Ion Ratio	Lower	Upper	
83	100		
55	0.5	60.0	90.0#
98	1.4	37.6	56.4#



#39

cis-1,3-Dichloropropene

Concen: 1.008 ug/L

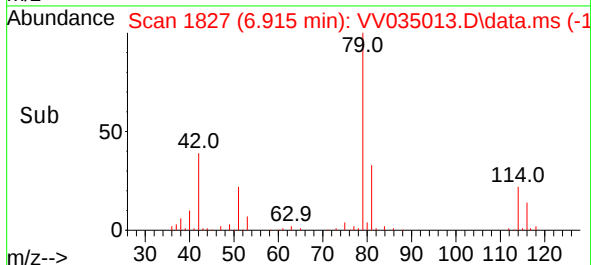
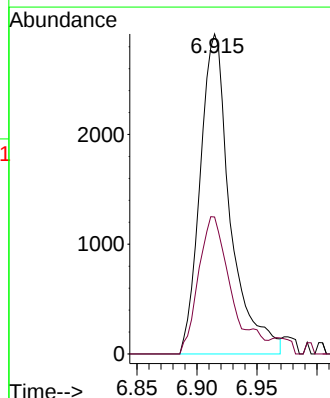
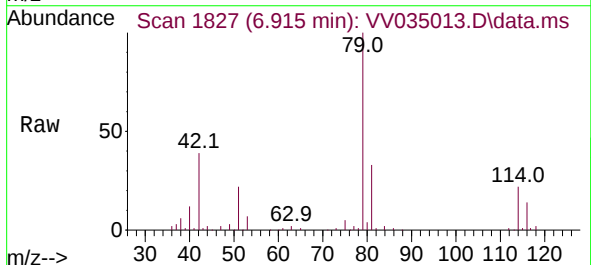
RT: 6.915 min Scan# 1827

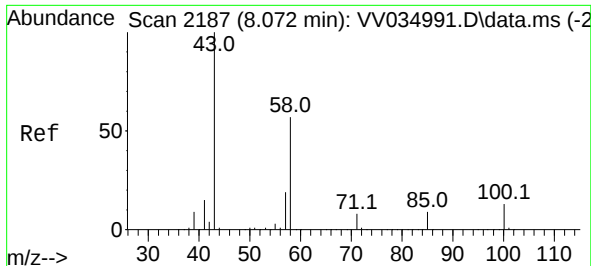
Delta R.T. -0.035 min

Lab File: VV035013.D

Acq: 05 Apr 2024 18:07

Tgt Ion:	75	Resp:	5116
Ion Ratio	Lower	Upper	
75	100		
77	42.8	21.9	40.7#

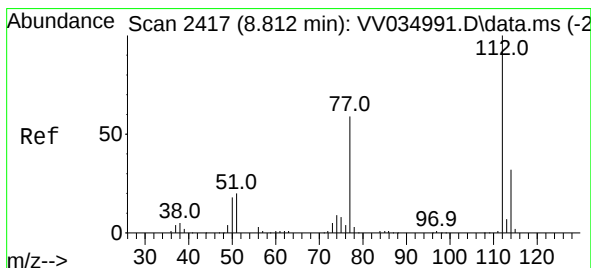
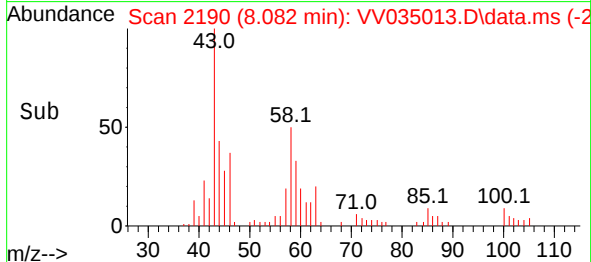
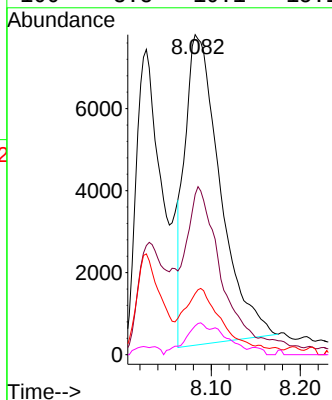
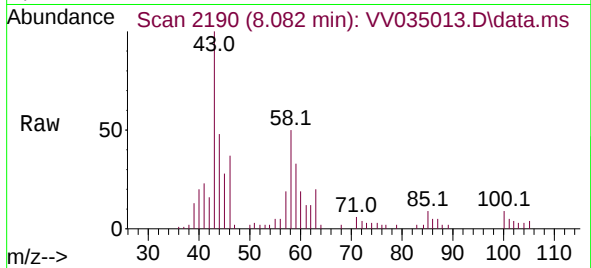




#48
2-Hexanone
Concen: 5.929 ug/L
RT: 8.082 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VV035013.D
Acq: 05 Apr 2024 18:07

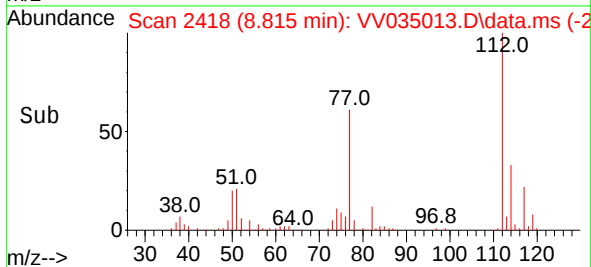
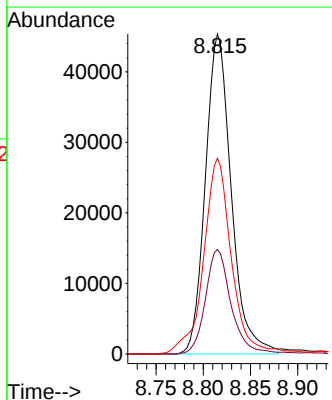
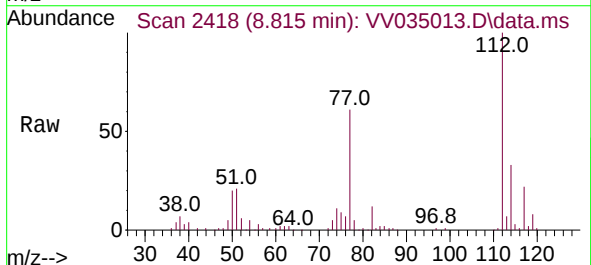
Instrument :
MSVOA_V
ClientSampleId :

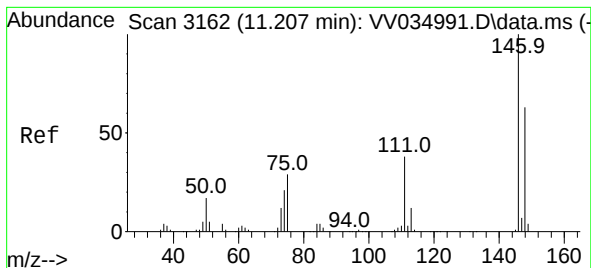
Tgt Ion:	43	Resp:	20750
Ion Ratio	Lower	Upper	
43	100		
58	44.7	45.4	68.2#
57	19.1	16.2	24.4
100	3.8	10.1	15.1#



#51
Chlorobenzene
Concen: 10.919 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035013.D
Acq: 05 Apr 2024 18:07

Tgt Ion:	112	Resp:	86409
Ion Ratio	Lower	Upper	
112	100		
114	32.6	22.0	41.0
77	61.2	47.4	71.2





#65

1,4-Dichlorobenzene

Concen: 7.627 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035013.D

Acq: 05 Apr 2024 18:07

Instrument :

MSVOA_V

ClientSampleId :

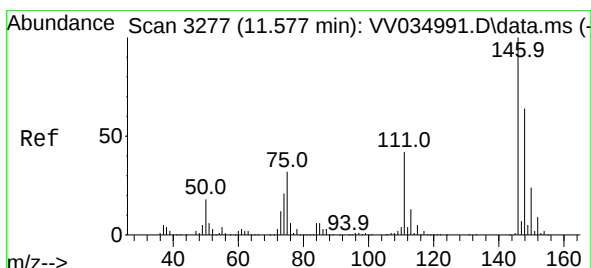
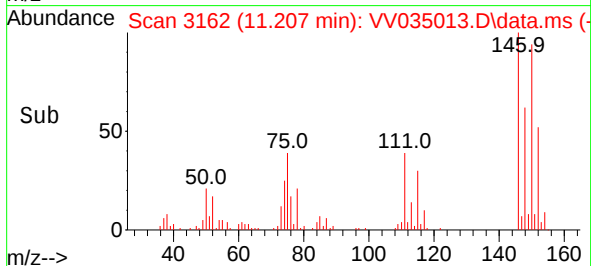
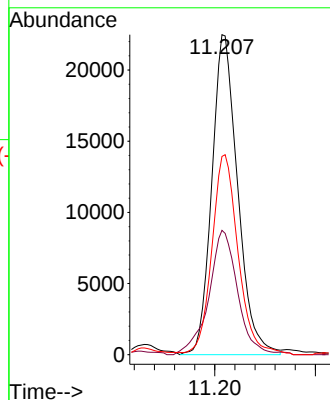
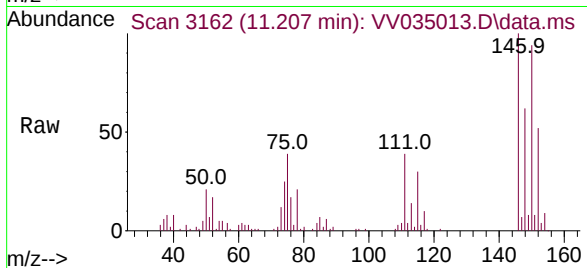
Tgt Ion:146 Resp: 40168

Ion Ratio Lower Upper

146 100

111 38.9 27.4 50.8

148 62.0 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 5.417 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035013.D

Acq: 05 Apr 2024 18:07

Tgt Ion:146 Resp: 27946

Ion Ratio Lower Upper

146 100

111 42.6 34.6 52.0

148 64.5 51.5 77.3

