

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036200.D
 Acq On : 21 Jun 2024 12:36
 Operator : SY/MD
 Sample : VIBLK297
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:11:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

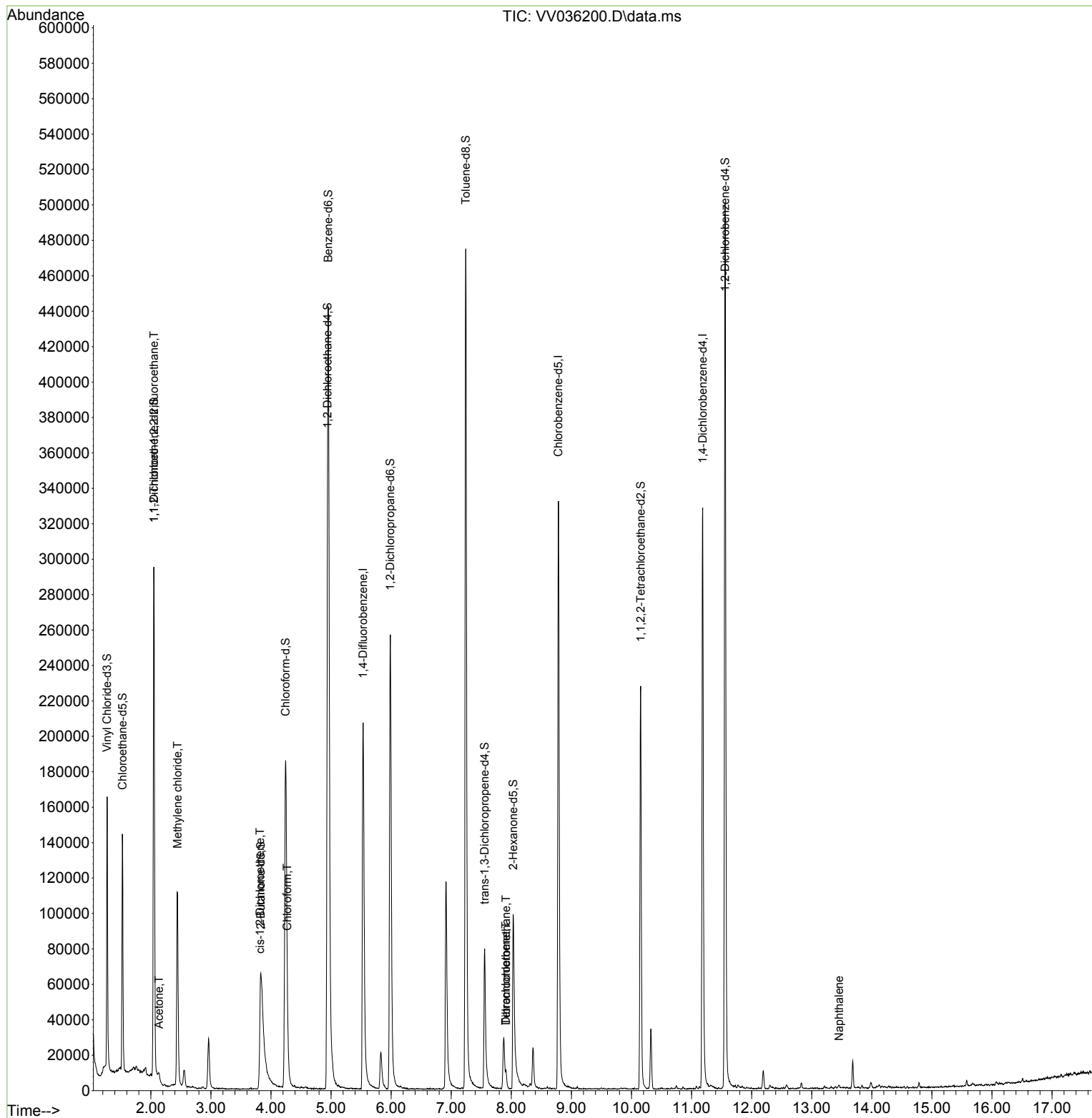
Internal Standards							
1) 1,4-Difluorobenzene		5.532	114	186036	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	191702	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	86566	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	99552	29.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.440%		
7) Chloroethane-d5		1.526	69	87626	32.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 128.520%		
11) 1,1-Dichloroethene-d2		2.050	65	48698	31.983	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 127.920%#		
21) 2-Butanone-d5		3.831	46	55250	70.406	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 140.820%#		
24) Chloroform-d		4.243	84	205302	34.712	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 138.840%		
26) 1,2-Dichloroethane-d4		4.941	65	116996	37.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 150.920%#		
32) Benzene-d6		4.953	84	397154	34.853	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 139.400%#		
36) 1,2-Dichloropropane-d6		5.986	67	130554	36.381	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 145.520%#		
41) Toluene-d8		7.243	98	331912	33.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 132.040%#		
43) trans-1,3-Dichloroprop...		7.555	79	50548	34.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 137.400%#		
47) 2-Hexanone-d5		8.031	63	40624	83.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 167.120%#		
56) 1,1,2,2-Tetrachloroeth...		10.153	84	114278	42.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 170.480%#		
66) 1,2-Dichlorobenzene-d4		11.558	152	128957	40.623	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 162.480%#		
Target Compounds							
						Qvalue	
10) 1,1,2-Trichloro-1,2,2-...		2.050	101	1553	0.486	ug/L #	26
13) Acetone		2.137	43	1599	1.308	ug/L #	25
16) Methylene chloride		2.442	84	47292	11.234	ug/L	95
20) cis-1,2-Dichloroethene		3.818	96	1521	0.478	ug/L #	44
25) Chloroform		4.272	83	5364	0.865	ug/L	88
46) Tetrachloroethene		7.908	164	2324	0.827	ug/L	98
49) Dibromochloromethane		7.912	129	2052	0.688	ug/L #	11
71) Naphthalene		13.455	128	1957	0.349	ug/L #	77

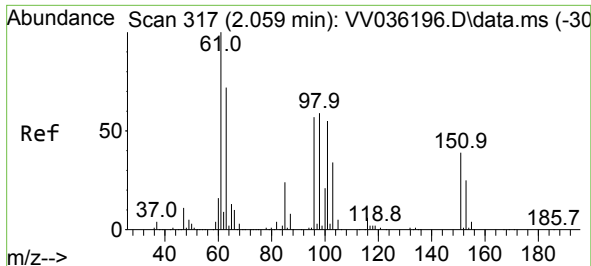
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
Data File : VV036200.D
Acq On : 21 Jun 2024 12:36
Operator : SY/MD
Sample : VIBLK297
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

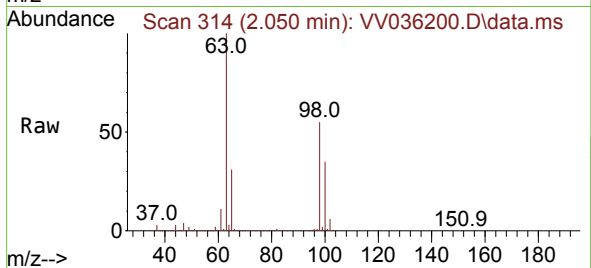
Quant Time: Jun 22 00:11:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration



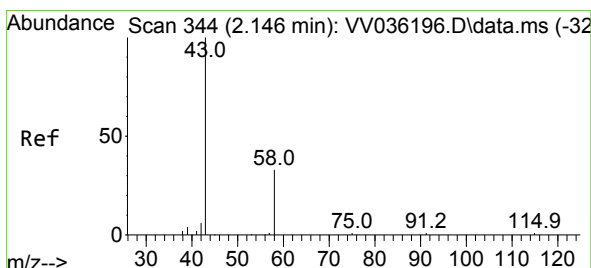
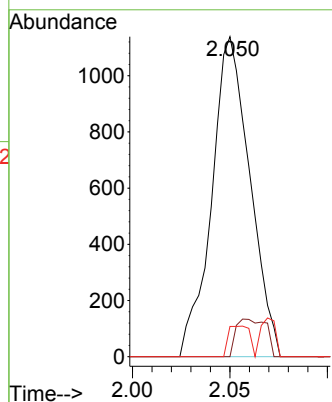
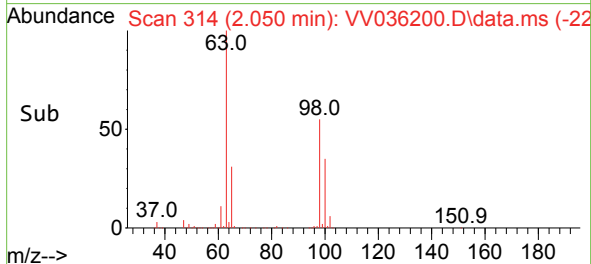


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.486 ug/L
 RT: 2.050 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV036200.D
 Acq: 21 Jun 2024 12:36

Instrument :
 MSVOA_V
 ClientSampleId :

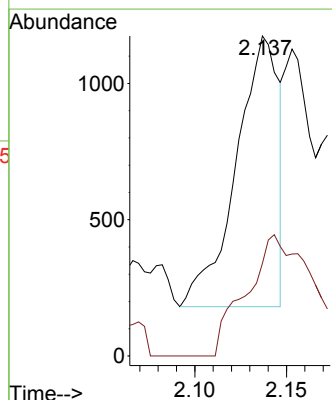
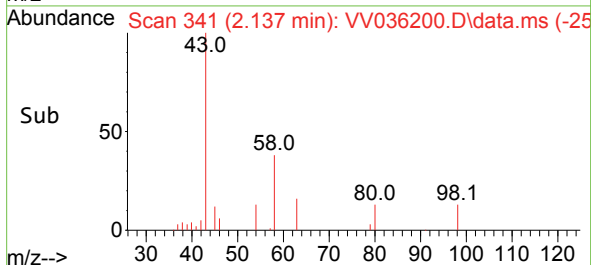
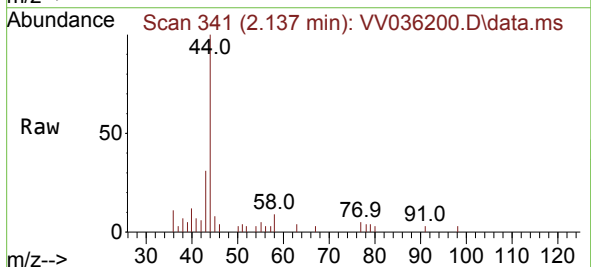


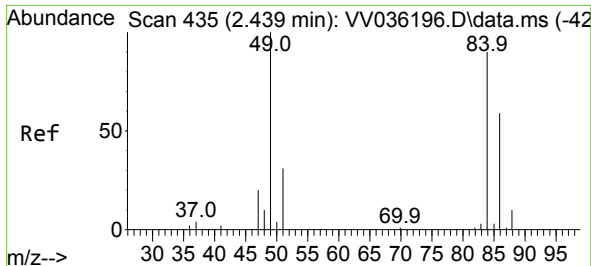
Tgt Ion:101 Resp: 1553
 Ion Ratio Lower Upper
 101 100
 85 6.2 34.5 51.7#
 151 1.4 56.3 84.5#



#13
 Acetone
 Concen: 1.308 ug/L
 RT: 2.137 min Scan# 341
 Delta R.T. -0.010 min
 Lab File: VV036200.D
 Acq: 21 Jun 2024 12:36

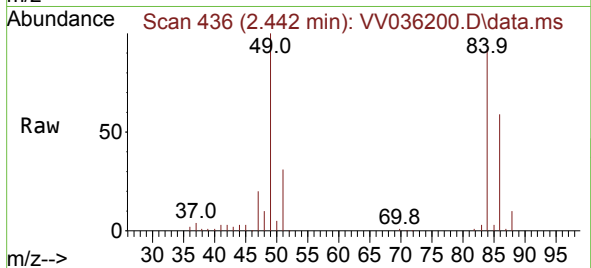
Tgt Ion: 43 Resp: 1599
 Ion Ratio Lower Upper
 43 100
 58 41.2 0.0 24.2#



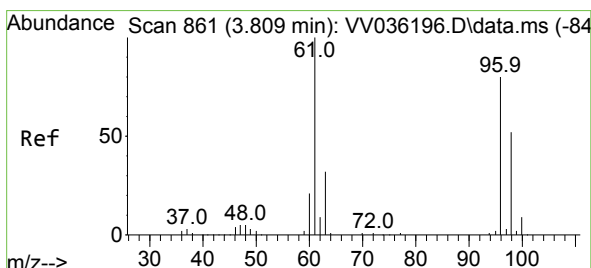
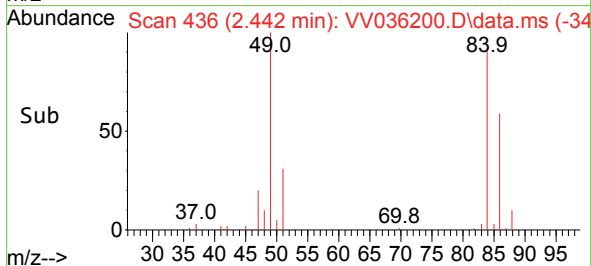
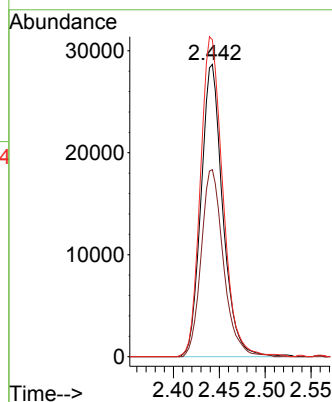


#16
Methylene chloride
Concen: 11.234 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036200.D
Acq: 21 Jun 2024 12:36

Instrument :
MSVOA_V
ClientSampleId :

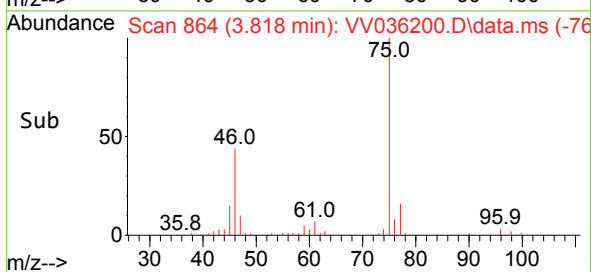
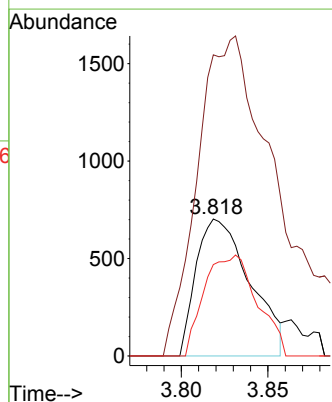
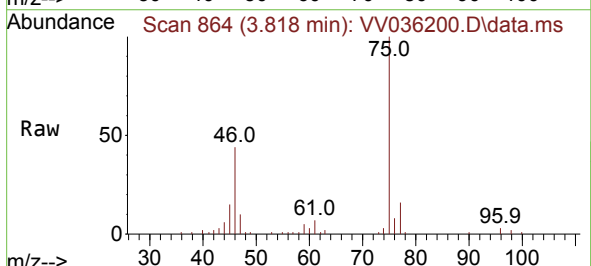


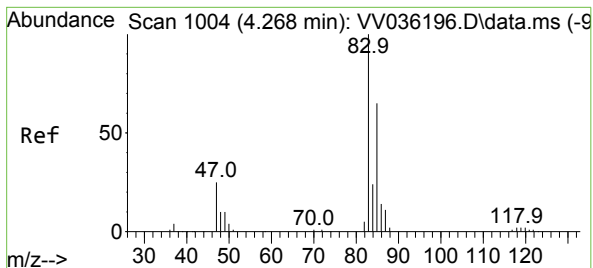
Tgt Ion: 84 Resp: 47292
Ion Ratio Lower Upper
84 100
86 64.0 44.6 82.8
49 108.4 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 0.478 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV036200.D
Acq: 21 Jun 2024 12:36

Tgt Ion: 96 Resp: 1521
Ion Ratio Lower Upper
96 100
61 219.8 87.9 163.3#
98 66.7 44.4 82.5





#25

Chloroform

Concen: 0.865 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036200.D

Acq: 21 Jun 2024 12:36

Instrument :

MSVOA_V

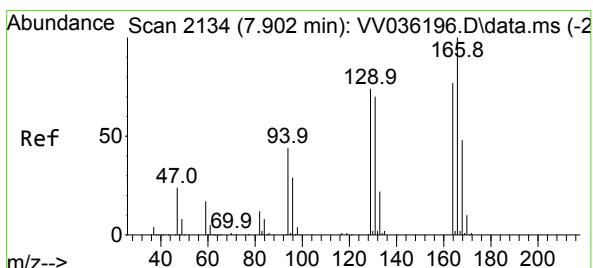
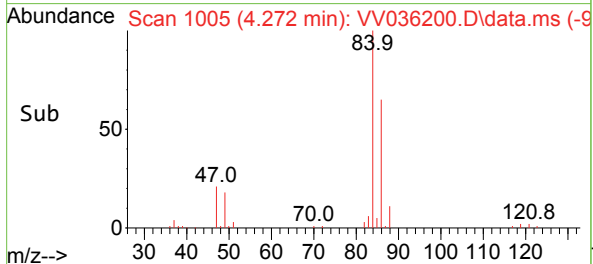
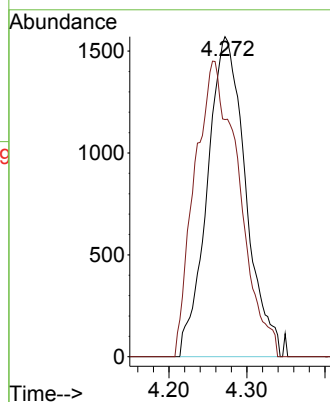
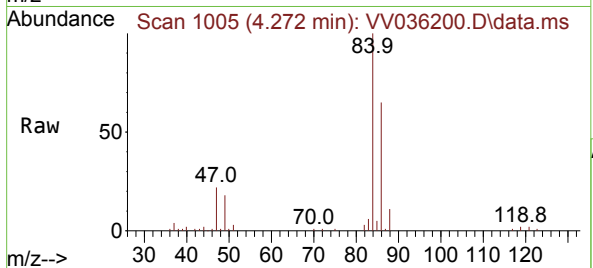
ClientSampleId :

Tgt Ion: 83 Resp: 5364

Ion Ratio Lower Upper

83 100

85 74.1 45.2 84.0



#46

Tetrachloroethene

Concen: 0.827 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.007 min

Lab File: VV036200.D

Acq: 21 Jun 2024 12:36

Tgt Ion:164 Resp: 2324

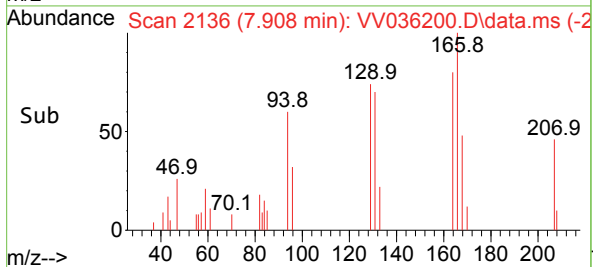
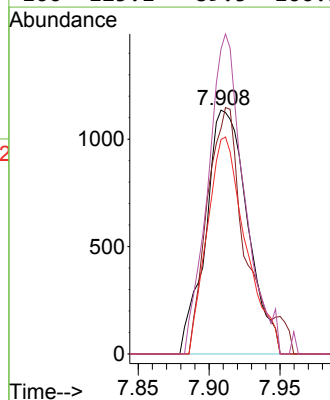
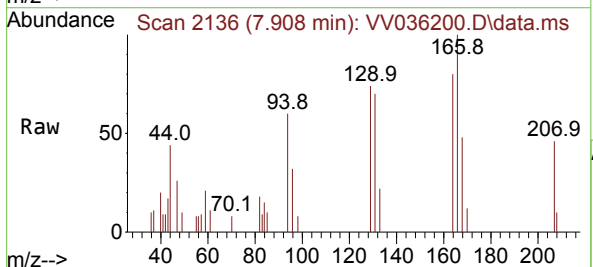
Ion Ratio Lower Upper

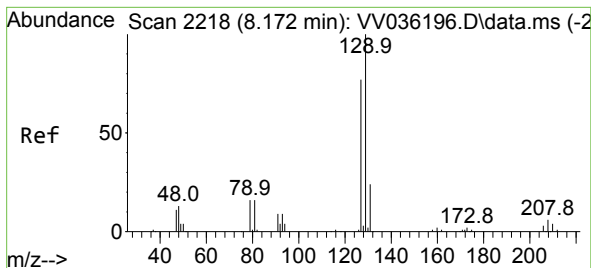
164 100

129 92.5 64.6 120.0

131 87.9 63.2 117.4

166 125.1 89.5 166.3





#49

Dibromochloromethane

Concen: 0.688 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.260 min

Lab File: VV036200.D

Acq: 21 Jun 2024 12:36

Instrument :

MSVOA_V

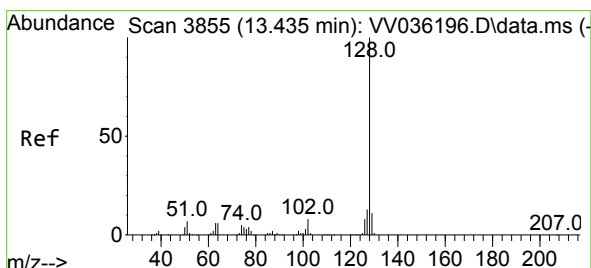
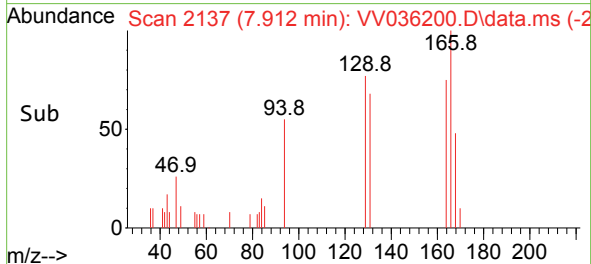
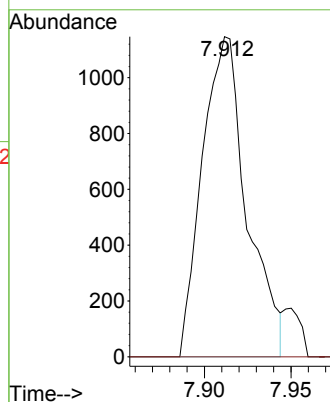
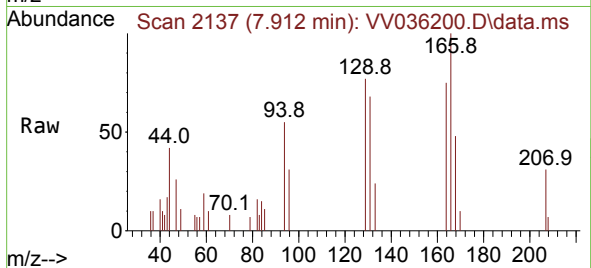
ClientSampleId :

Tgt Ion:129 Resp: 2052

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#71

Naphthalene

Concen: 0.349 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.019 min

Lab File: VV036200.D

Acq: 21 Jun 2024 12:36

Tgt Ion:128 Resp: 1957

Ion Ratio Lower Upper

128 100

127 3.2 10.6 16.0#

129 3.5 8.8 13.2#

