

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012221\
 Data File : VW020148.D
 Acq On : 22 Jan 2021 20:10
 Operator : SY/MD
 Sample : M1181-15DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E34DL

Quant Time: Jan 23 00:19:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

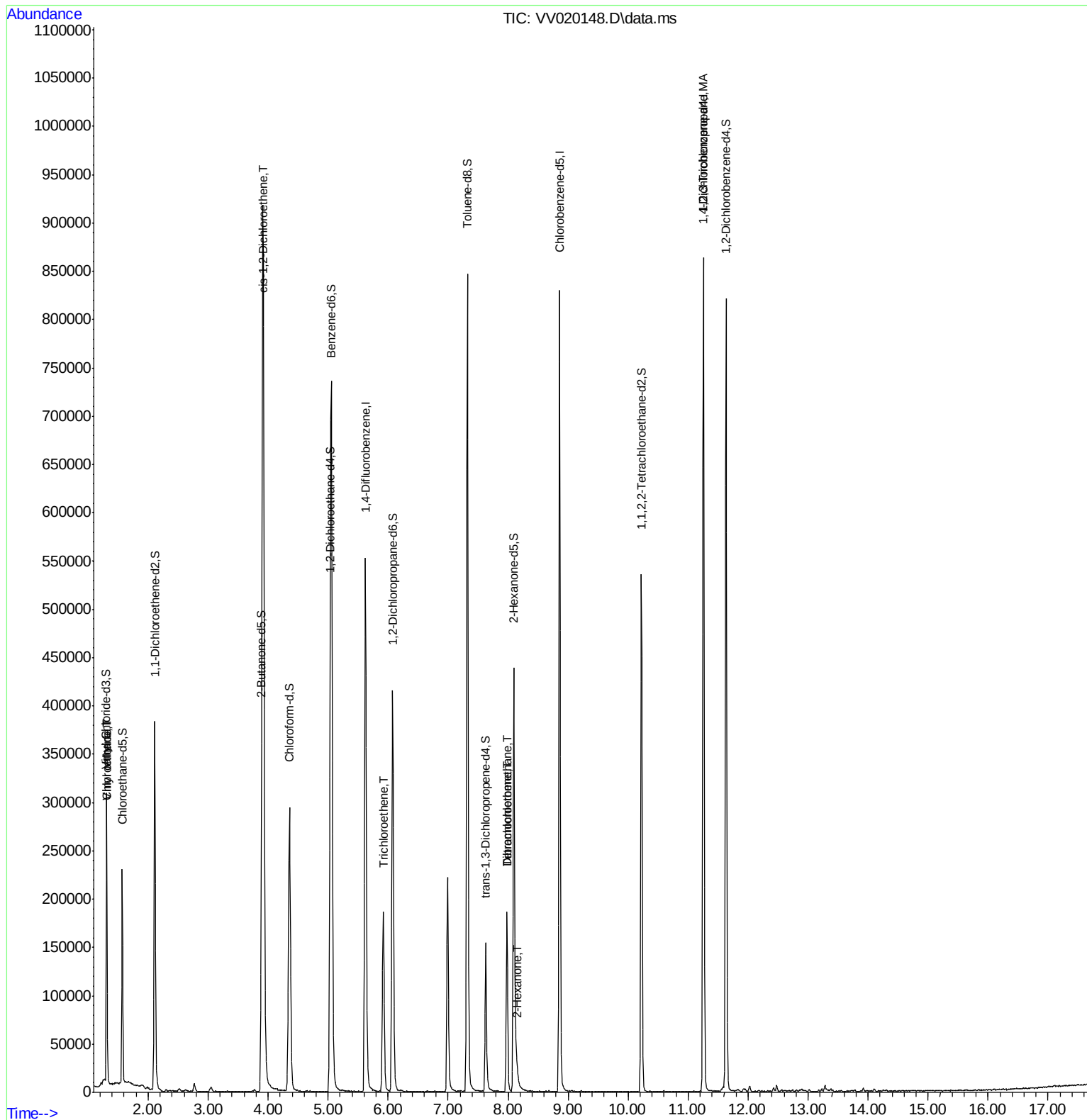
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	457906	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	447280	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	210466	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	157534	46.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.76%		
7) Chloroethane-d5	1.570	69	132116	46.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.94%		
11) 1,1-Dichloroethene-d2	2.110	63	202160	29.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.60%#		
21) 2-Butanone-d5	3.891	46	215623	92.57	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.57%		
24) Chloroform-d	4.354	84	290868	45.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.44%		
26) 1,2-Dichloroethane-d4	5.036	65	212004	48.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.16%		
32) Benzene-d6	5.055	84	607421	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.62%		
36) 1,2-Dichloropropane-d6	6.074	67	193275	49.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.40%		
41) Toluene-d8	7.322	98	545259	47.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.16%		
43) trans-1,3-Dichloroprop...	7.627	79	84248	44.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.56%		
47) 2-Hexanone-d5	8.093	63	137373	84.98	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.98%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	240244	45.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.26%		
64) 1,2-Dichlorobenzene-d4	11.630	152	190084	48.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.12%		
Target Compounds						
5) Vinyl chloride	1.312	62	24410	6.15	ug/L #	70
8) Chloroethane	1.312	64	11233	4.42	ug/L	89
20) cis-1,2-Dichloroethene	3.914	96	456153	137.68	ug/L	98
34) Trichloroethene	5.920	95	59202	15.58	ug/L	94
46) Tetrachloroethene	7.981	164	38340	13.52	ug/L	98
48) 2-Hexanone	8.148	43	12474	3.06	ug/L #	49
49) Dibromochloromethane	7.981	129	36345	9.72	ug/L #	10
59) 1,2,3-Trichloropropane	11.254	75	28056	6.05	ug/L	98

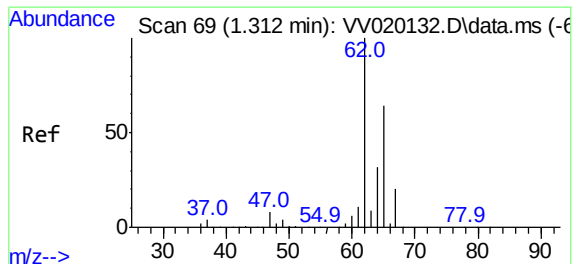
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
F1E34DL

Quant Time: Jan 23 00:19:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 23 00:14:09 2021
Response via : Initial Calibration

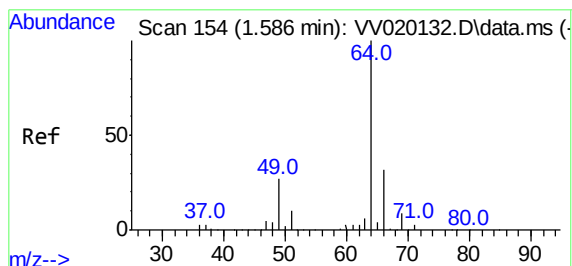
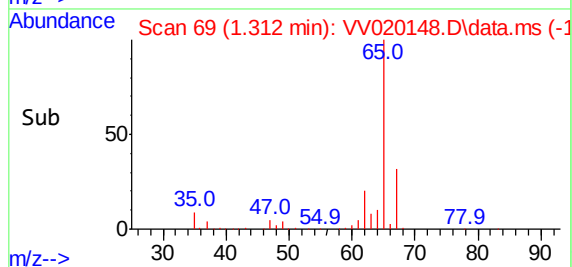
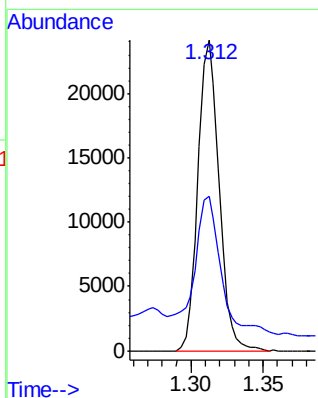
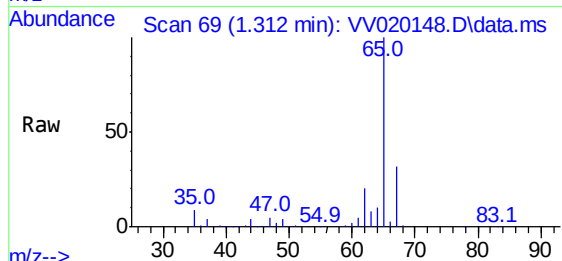




#5
 Vinyl chloride
 Concen: 6.15 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020148.D
 Acq: 22 Jan 2021 20:10

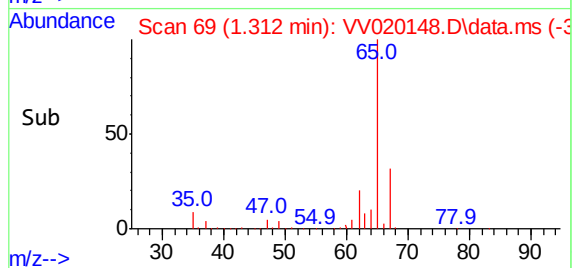
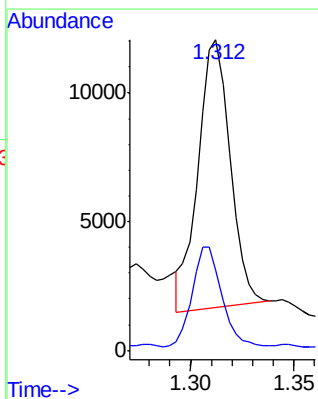
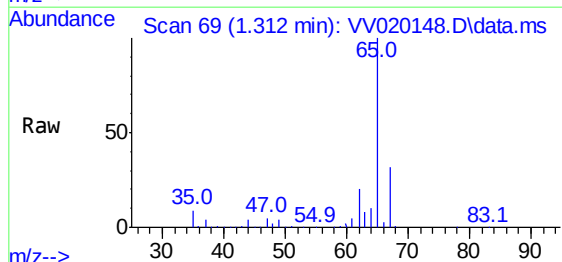
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E34DL

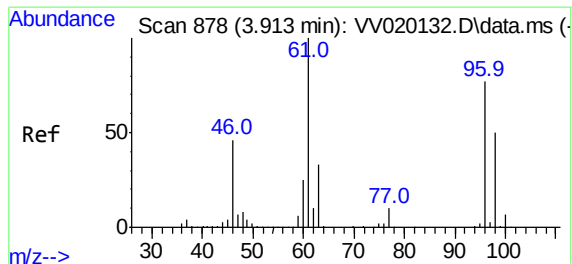
Tgt Ion: 62 Resp: 24410
 Ion Ratio Lower Upper
 62 100
 64 50.0 23.0 42.6#



#8
 Chloroethane
 Concen: 4.42 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.273 min
 Lab File: VV020148.D
 Acq: 22 Jan 2021 20:10

Tgt Ion: 64 Resp: 11233
 Ion Ratio Lower Upper
 64 100
 66 25.7 22.4 41.6

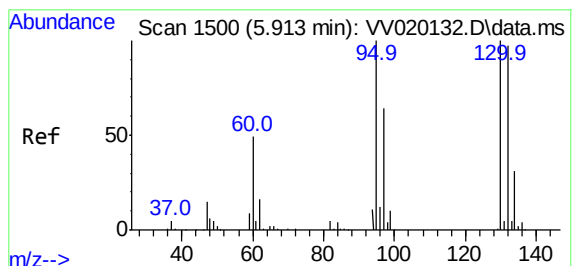
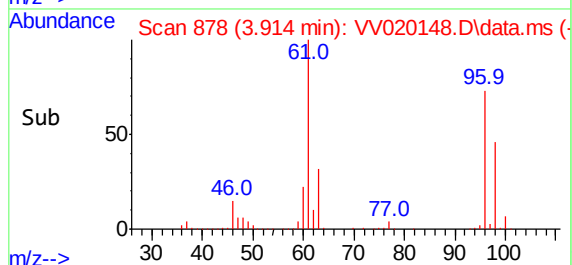
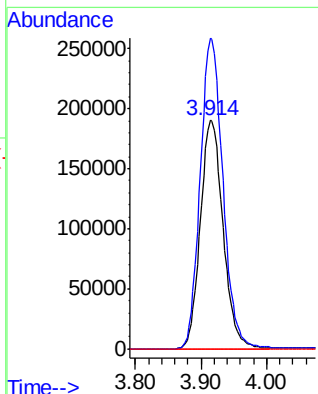
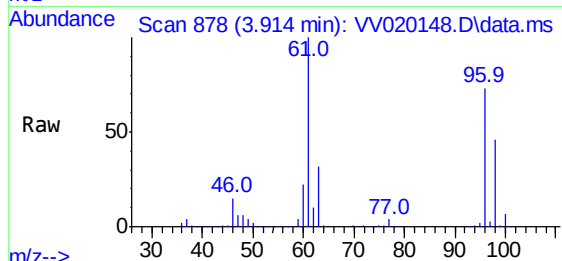




#20
cis-1,2-Dichloroethene
Concen: 137.68 ug/L
RT: 3.914 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV020148.D
Acq: 22 Jan 2021 20:10

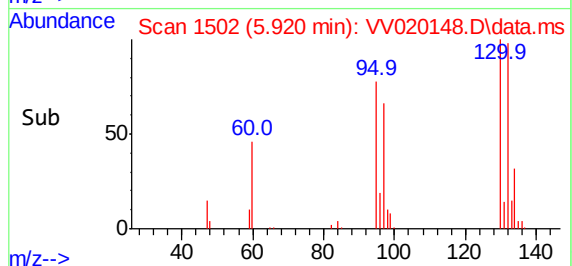
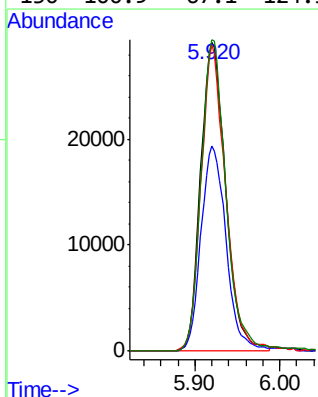
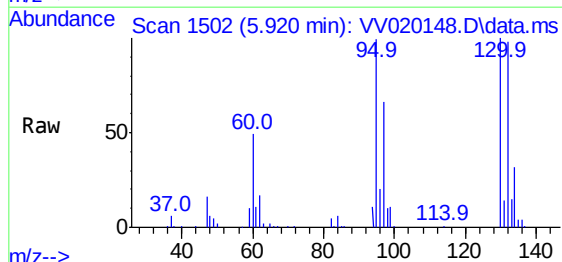
Instrument :
MSVOA_V
ClientSampleId :
F1E34DL

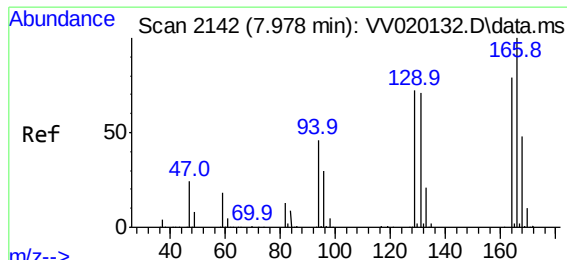
Tgt Ion: 96 Resp: 456153
Ion Ratio Lower Upper
96 100
61 136.1 96.9 179.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 15.58 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.006 min
Lab File: VV020148.D
Acq: 22 Jan 2021 20:10

Tgt Ion: 95 Resp: 59202
Ion Ratio Lower Upper
95 100
97 66.2 44.5 82.7
132 99.1 63.4 117.8
130 100.9 67.1 124.5

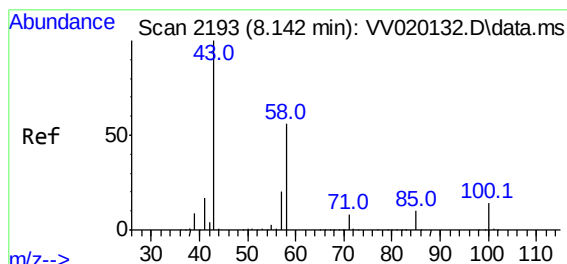
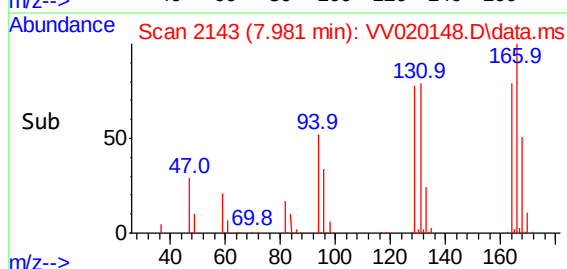
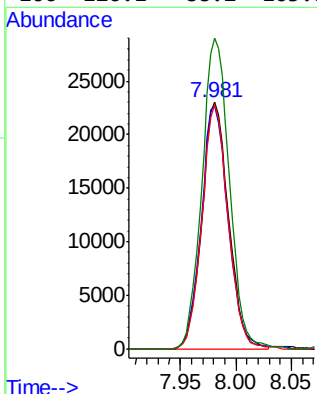
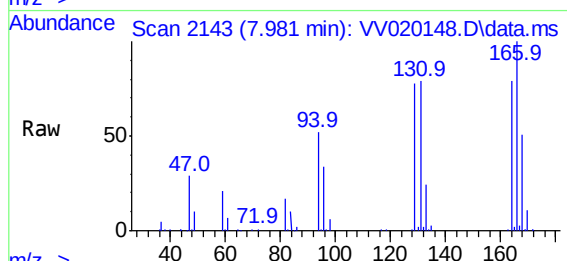




#46
Tetrachloroethene
Concen: 13.52 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020148.D
Acq: 22 Jan 2021 20:10

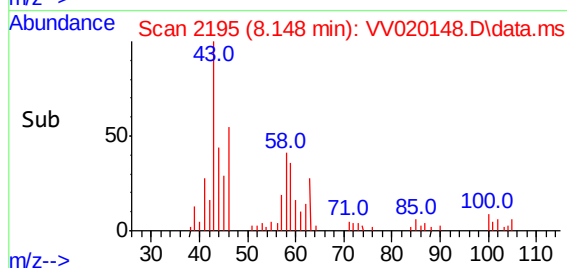
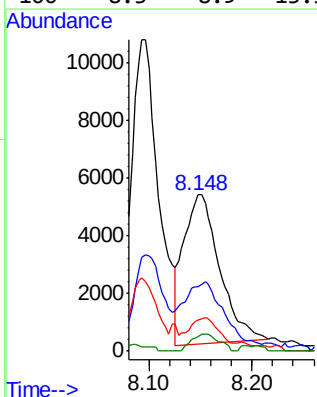
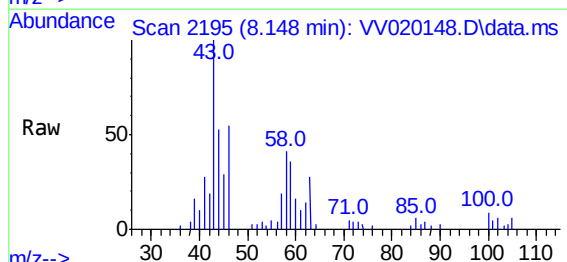
Instrument :
MSVOA_V
ClientSampleId :
F1E34DL

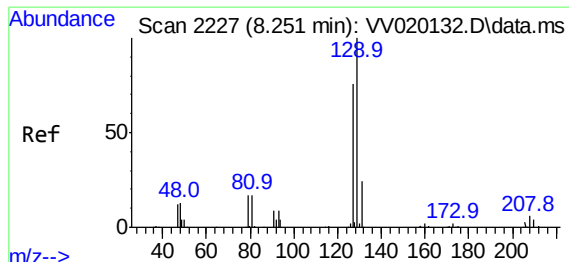
Tgt Ion:164 Resp: 38340
Ion Ratio Lower Upper
164 100
129 98.4 70.6 131.0
131 99.1 66.8 124.0
166 126.1 88.2 163.8



#48
2-Hexanone
Concen: 3.06 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020148.D
Acq: 22 Jan 2021 20:10

Tgt Ion: 43 Resp: 12474
Ion Ratio Lower Upper
43 100
58 0.0 41.8 62.6#
57 14.1 15.0 22.4#
100 8.3 8.9 13.3#





#49

Dibromochloromethane

Concen: 9.72 ug/L

RT: 7.981 min Scan# 2143

Delta R.T. -0.270 min

Lab File: VV020148.D

Acq: 22 Jan 2021 20:10

Tgt Ion:129 Resp: 36345

Ion Ratio Lower Upper

129 100

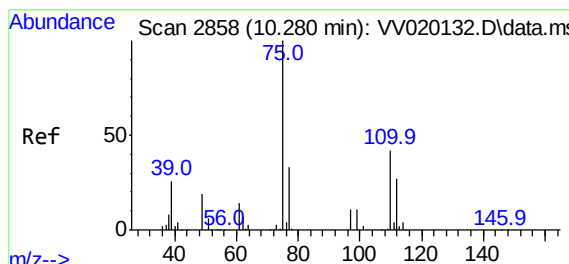
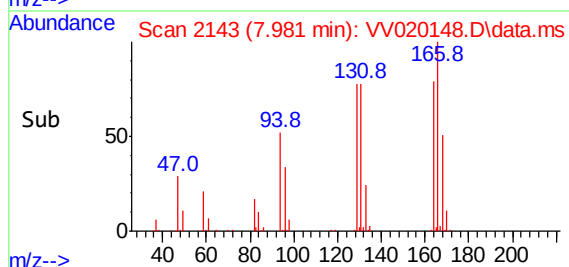
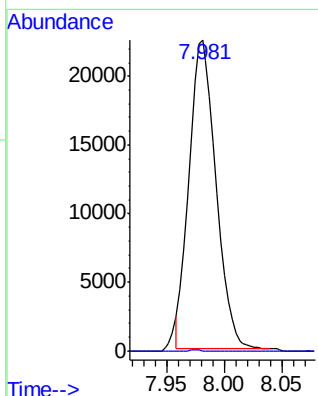
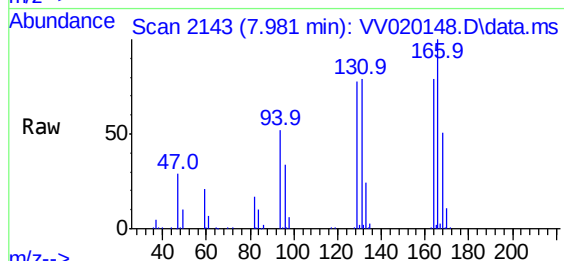
127 0.0 55.2 102.6#

Instrument :

MSVOA_V

ClientSampleId :

F1E34DL



#59

1,2,3-Trichloropropane

Concen: 6.05 ug/L

RT: 11.254 min Scan# 3161

Delta R.T. 0.974 min

Lab File: VV020148.D

Acq: 22 Jan 2021 20:10

Tgt Ion: 75 Resp: 28056

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0

