

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020096.D
 Acq On : 20 Jan 2021 23:15
 Operator : SY/MD
 Sample : M1181-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E46

Quant Time: Jan 21 01:08:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

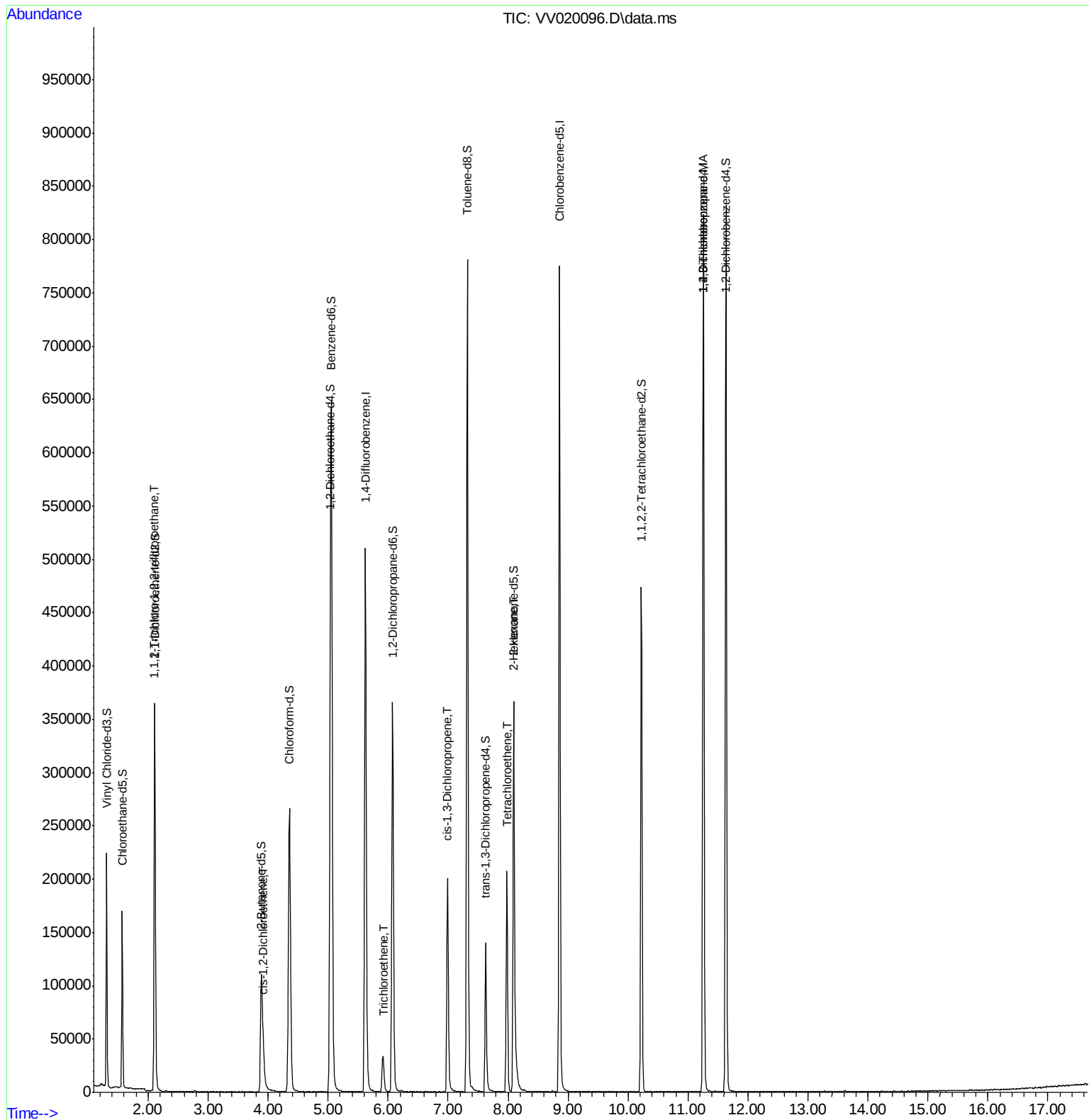
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	433760	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	420236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	208636	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	132223	48.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.18%		
7) Chloroethane-d5	1.570	69	97421	46.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.88%		
11) 1,1-Dichloroethene-d2	2.110	63	189974	34.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.90%		
21) 2-Butanone-d5	3.888	46	183640	96.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.84%		
24) Chloroform-d	4.354	84	275274	45.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.60%		
26) 1,2-Dichloroethane-d4	5.039	65	191185	46.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.98%		
32) Benzene-d6	5.055	84	553907	49.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.70%		
36) 1,2-Dichloropropane-d6	6.074	67	169123	52.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.16%		
41) Toluene-d8	7.322	98	505196	48.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.62%		
43) trans-1,3-Dichloroprop...	7.627	79	78296	43.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.14%		
47) 2-Hexanone-d5	8.093	63	118973	88.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.73%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	215506	47.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.38%		
64) 1,2-Dichlorobenzene-d4	11.630	152	216343	52.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.96%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.107	101	1798	0.69	ug/L #	25
20) cis-1,2-Dichloroethene	3.920	96	7820	2.51	ug/L	79
34) Trichloroethene	5.923	95	3638	1.06	ug/L	90
39) cis-1,3-Dichloropropene	6.987	75	4894	1.04	ug/L #	68
46) Tetrachloroethene	7.981	164	45104	16.49	ug/L	96
48) 2-Hexanone	8.090	43	15799	5.20	ug/L #	76
59) 1,2,3-Trichloropropane	11.257	75	24224	6.13	ug/L	89

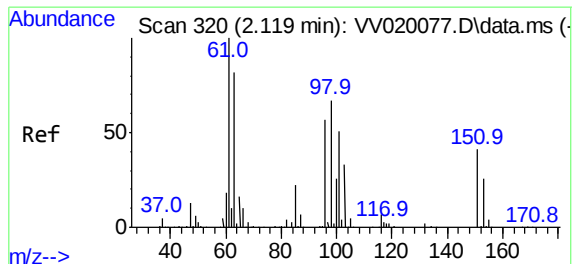
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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Quant Title : VOC Analysis
QLast Update : Wed Jan 20 23:39:20 2021
Response via : Initial Calibration

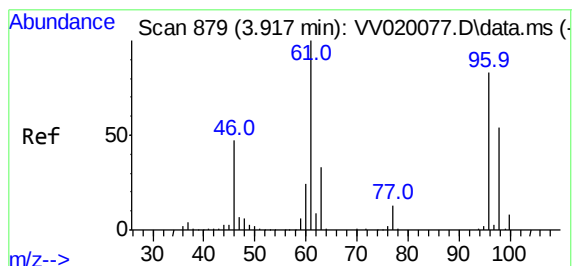
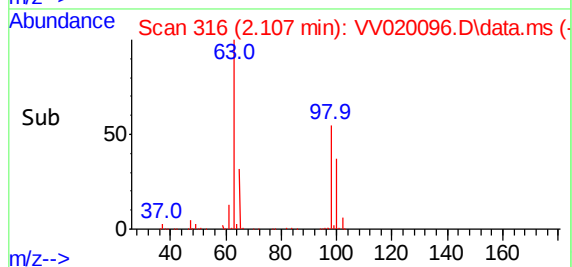
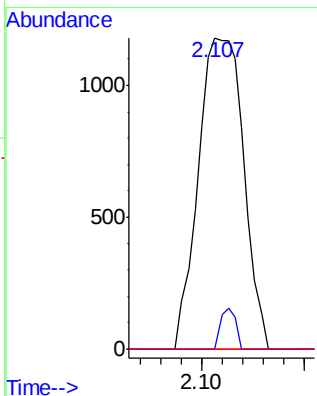
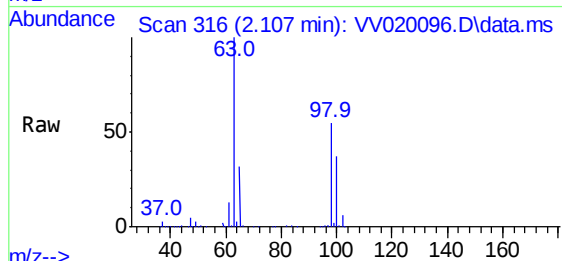




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.69 ug/L
 RT: 2.107 min Scan# 316
 Delta R.T. -0.013 min
 Lab File: VV020096.D
 Acq: 20 Jan 2021 23:15

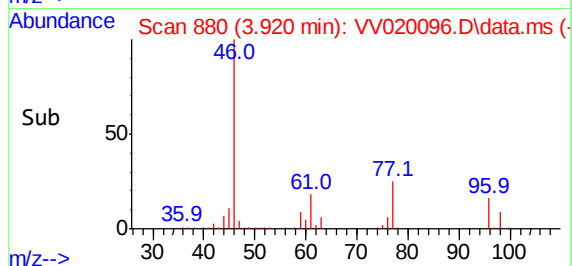
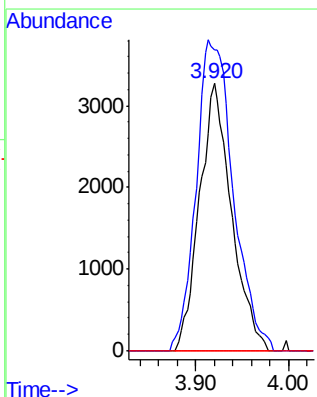
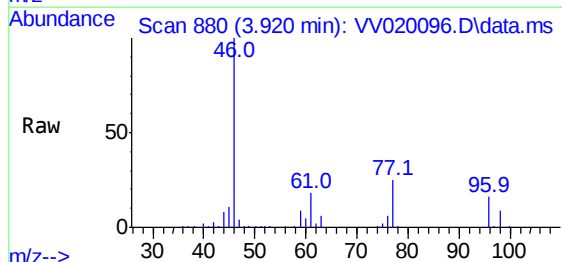
Instrument :
 MSVOA_V
 ClientSampled :
 F1E46

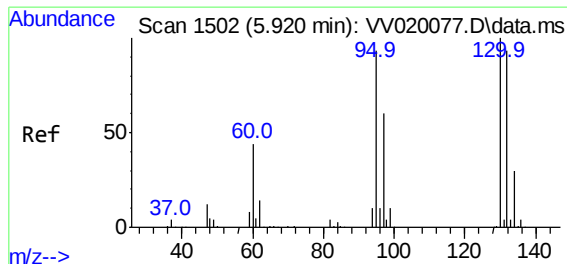
Tgt Ion:101 Resp: 1798
 Ion Ratio Lower Upper
 101 100
 85 4.3 35.3 52.9#
 151 0.0 53.6 80.4#



#20
 cis-1,2-Dichloroethene
 Concen: 2.51 ug/L
 RT: 3.920 min Scan# 880
 Delta R.T. 0.003 min
 Lab File: VV020096.D
 Acq: 20 Jan 2021 23:15

Tgt Ion: 96 Resp: 7820
 Ion Ratio Lower Upper
 96 100
 61 112.5 96.9 179.9
 68 0.0 0.0 0.0



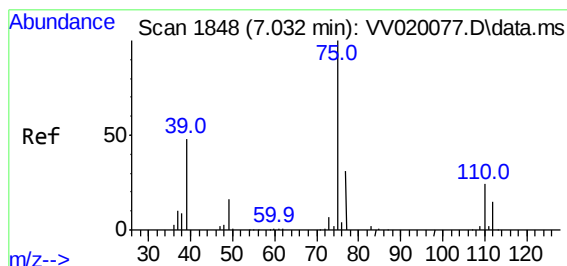
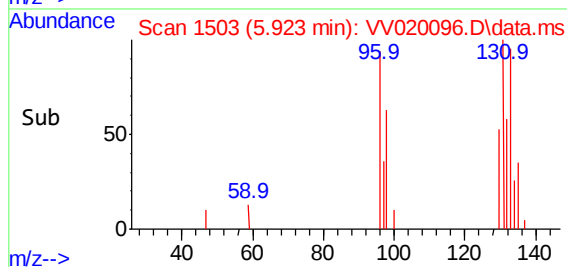
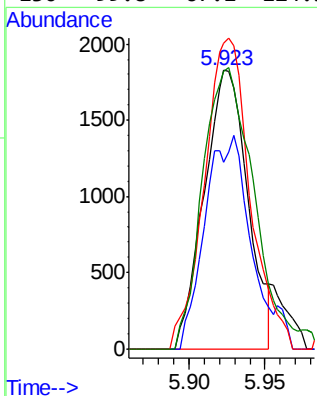
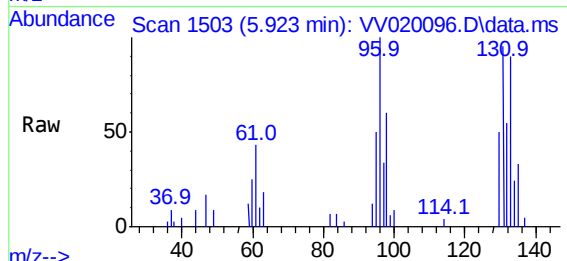


#34
Trichloroethene
Concen: 1.06 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VV020096.D
Acq: 20 Jan 2021 23:15

Instrument :
MSVOA_V
ClientSampleId :
F1E46

Tgt Ion: 95 Resp: 3638

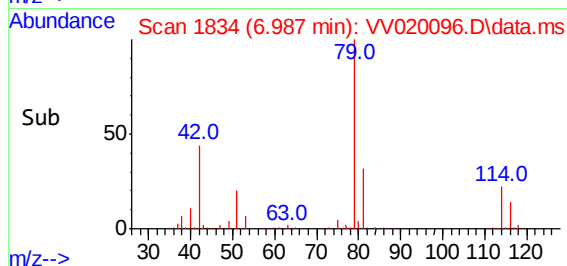
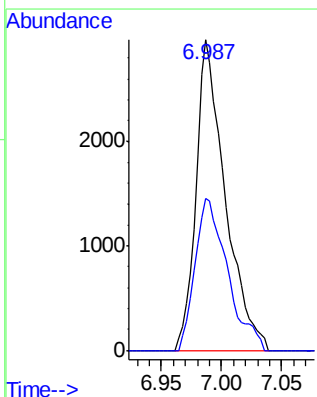
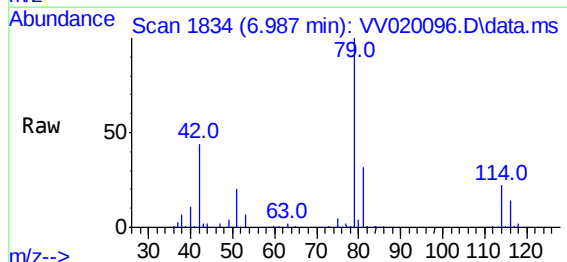
Ion	Ratio	Lower	Upper
95	100		
97	67.2	44.5	82.7
132	109.6	63.4	117.8
130	99.8	67.1	124.5

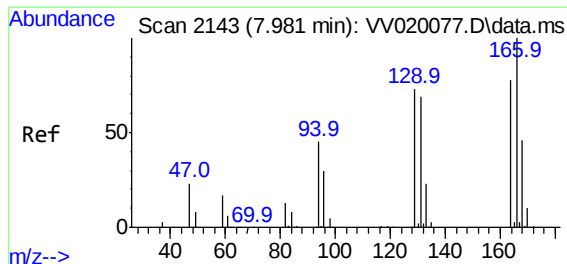


#39
cis-1,3-Dichloropropene
Concen: 1.04 ug/L
RT: 6.987 min Scan# 1834
Delta R.T. -0.045 min
Lab File: VV020096.D
Acq: 20 Jan 2021 23:15

Tgt Ion: 75 Resp: 4894

Ion	Ratio	Lower	Upper
75	100		
77	48.9	21.8	40.6



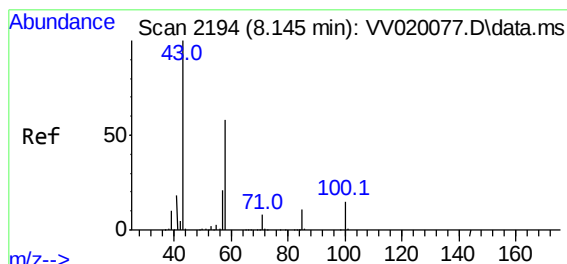
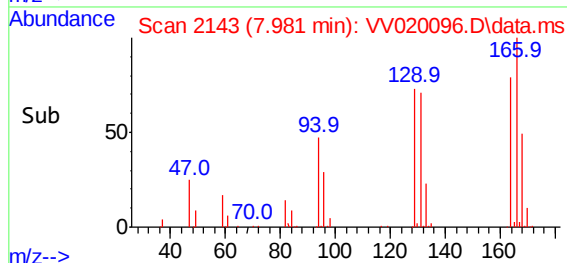
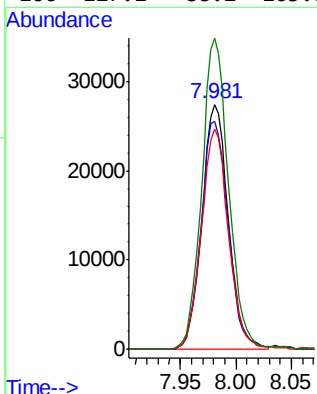
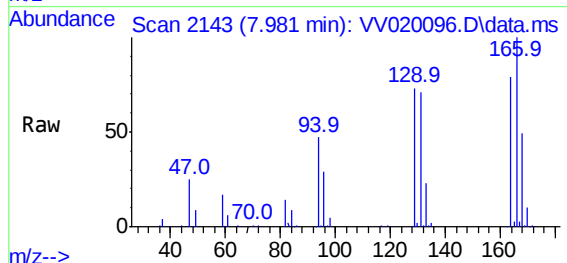


#46
Tetrachloroethene
Concen: 16.49 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020096.D
Acq: 20 Jan 2021 23:15

Instrument :
MSVOA_V
ClientSampleId :
F1E46

Tgt Ion:164 Resp: 45104

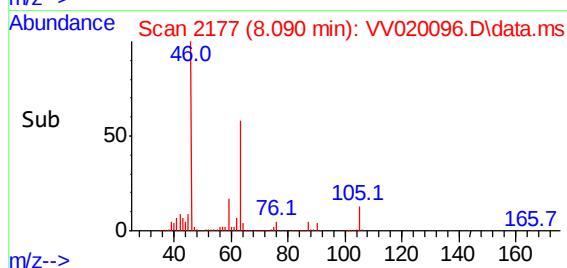
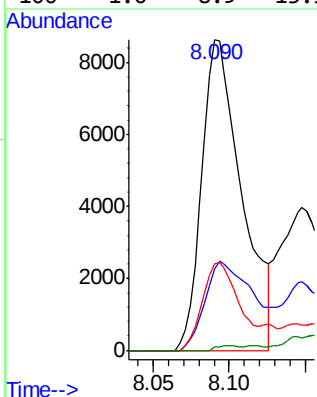
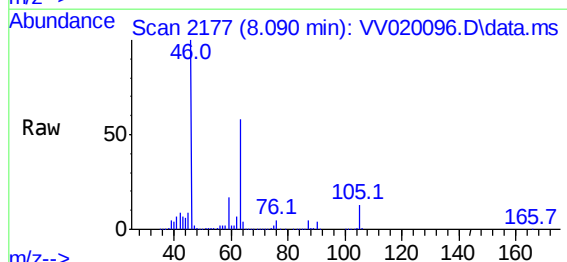
Ion	Ratio	Lower	Upper
164	100		
129	93.2	70.6	131.0
131	90.1	66.8	124.0
166	127.1	88.2	163.8

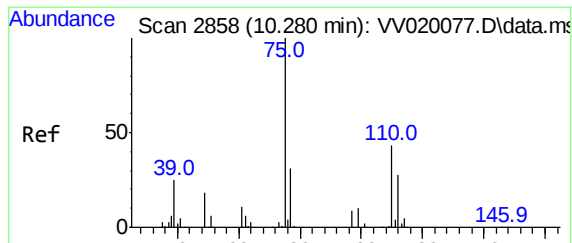


#48
2-Hexanone
Concen: 5.20 ug/L
RT: 8.090 min Scan# 2177
Delta R.T. -0.054 min
Lab File: VV020096.D
Acq: 20 Jan 2021 23:15

Tgt Ion: 43 Resp: 15799

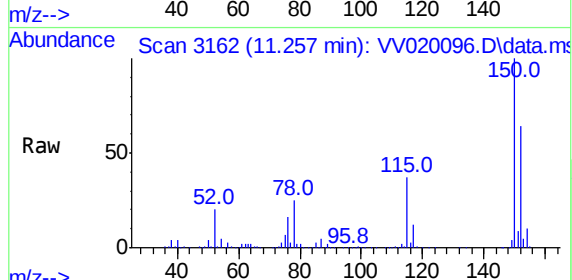
Ion	Ratio	Lower	Upper
43	100		
58	33.9	41.8	62.6#
57	26.0	15.0	22.4#
100	1.0	8.9	13.3#





#59
 1,2,3-Trichloropropane
 Concen: 6.13 ug/L
 RT: 11.257 min Scan# 3162
 Delta R.T. 0.978 min
 Lab File: VV020096.D
 Acq: 20 Jan 2021 23:15

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E46



Tgt Ion: 75 Resp: 24224
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.4 38.0

