

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012221\
 Data File : VW020137.D
 Acq On : 22 Jan 2021 15:51
 Operator : SY/MD
 Sample : M1181-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E39

Quant Time: Jan 23 00:15:58 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)

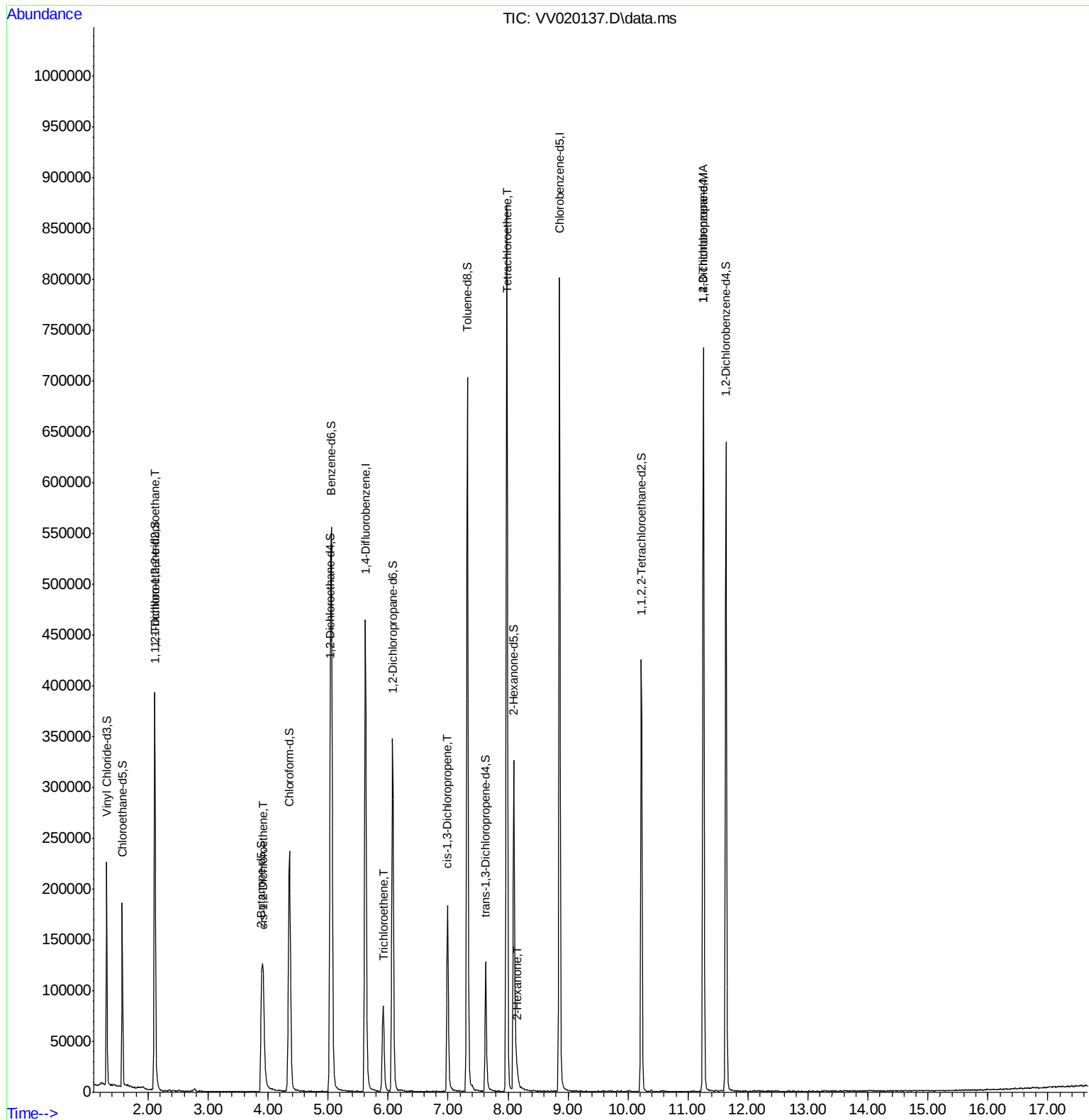
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	377145	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	418962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	171221	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	134423	48.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.12%		
7) Chloroethane-d5	1.569	69	112947	48.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.48%		
11) 1,1-Dichloroethene-d2	2.109	63	207491	37.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.28%		
21) 2-Butanone-d5	3.891	46	173448	90.41	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.41%		
24) Chloroform-d	4.354	84	241152	46.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.04%		
26) 1,2-Dichloroethane-d4	5.035	65	172287	47.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.88%		
32) Benzene-d6	5.055	84	452818	39.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.50%		
36) 1,2-Dichloropropane-d6	6.077	67	156889	43.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.14%		
41) Toluene-d8	7.321	98	445907	41.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.08%		
43) trans-1,3-Dichloroprop...	7.627	79	69292	38.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.76%		
47) 2-Hexanone-d5	8.093	63	100400	66.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	66.31%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	194404	38.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.98%		
64) 1,2-Dichlorobenzene-d4	11.633	152	150697	46.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.68%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	1815	0.68	ug/L #	23
20) cis-1,2-Dichloroethene	3.920	96	40172	14.72	ug/L	97
34) Trichloroethene	5.920	95	22089	6.21	ug/L	96
39) cis-1,3-Dichloropropene	6.987	75	4904	0.96	ug/L #	70
46) Tetrachloroethene	7.981	164	179425	67.53	ug/L	98
48) 2-Hexanone	8.151	43	10856	2.84	ug/L #	89
59) 1,2,3-Trichloropropane	11.257	75	23539	5.42	ug/L	94

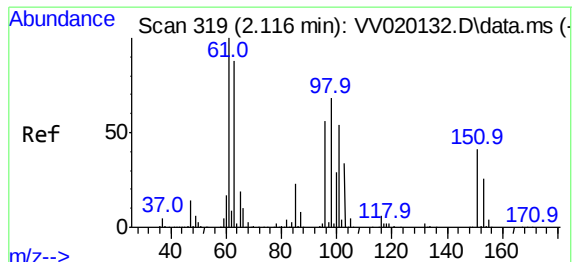
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jan 23 00:14:09 2021
Response via : Initial Calibration

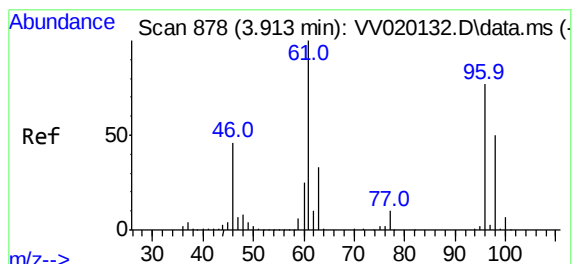
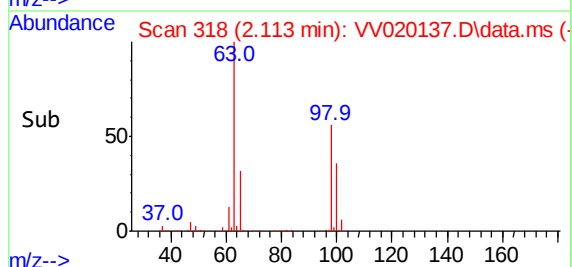
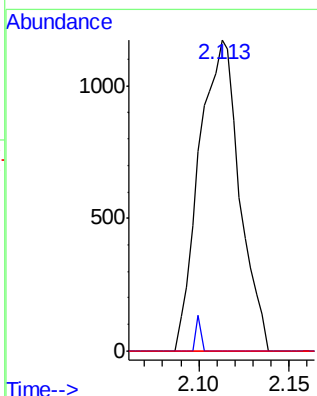
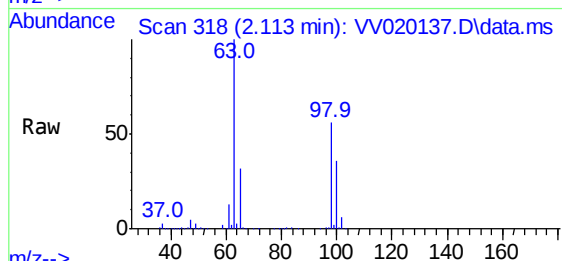




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.68 ug/L
RT: 2.113 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV020137.D
Acq: 22 Jan 2021 15:51

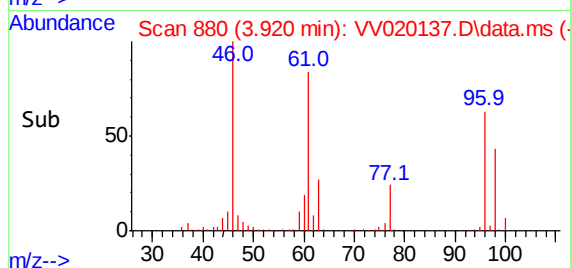
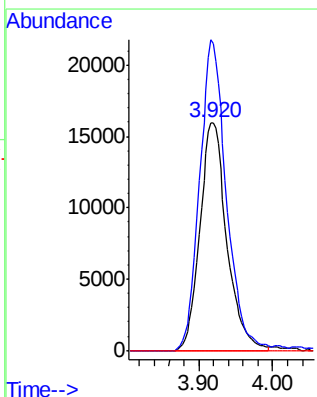
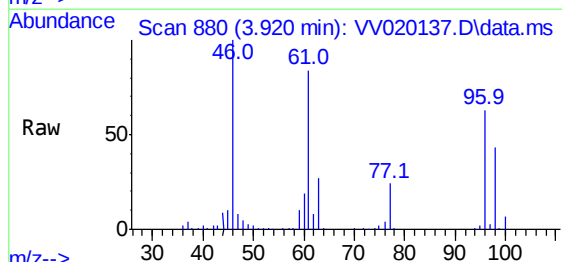
Instrument :
MSVOA_V
ClientSampleId :
F1E39

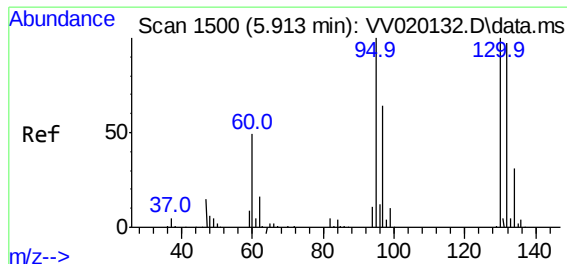
Tgt Ion:101 Resp: 1815
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.6 80.4#



#20
cis-1,2-Dichloroethene
Concen: 14.72 ug/L
RT: 3.920 min Scan# 880
Delta R.T. 0.006 min
Lab File: VV020137.D
Acq: 22 Jan 2021 15:51

Tgt Ion: 96 Resp: 40172
Ion Ratio Lower Upper
96 100
61 134.4 96.9 179.9
68 0.0 0.0 0.0



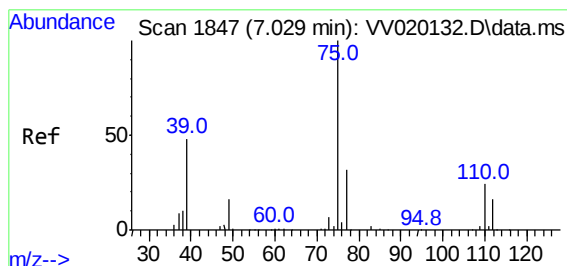
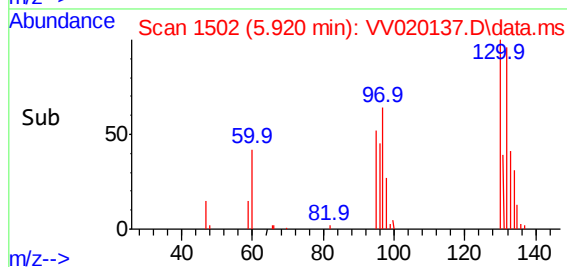
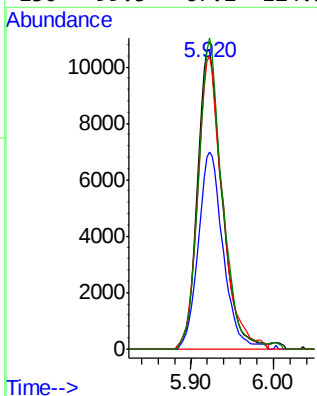
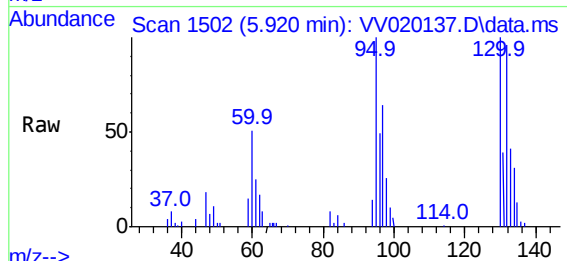


#34
Trichloroethene
Concen: 6.21 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.006 min
Lab File: VV020137.D
Acq: 22 Jan 2021 15:51

Instrument :
MSVOA_V
ClientSampleId :
F1E39

Tgt Ion: 95 Resp: 22089

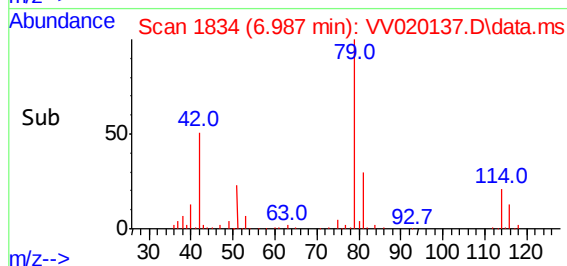
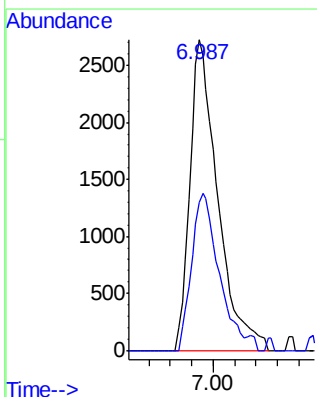
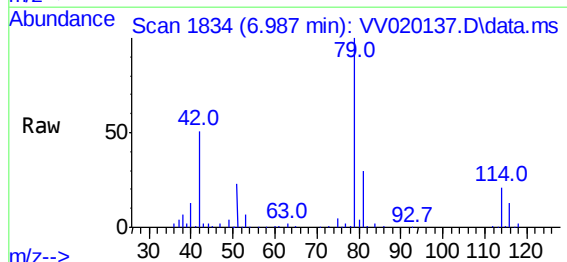
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.5	82.7
132	96.0	63.4	117.8
130	99.5	67.1	124.5

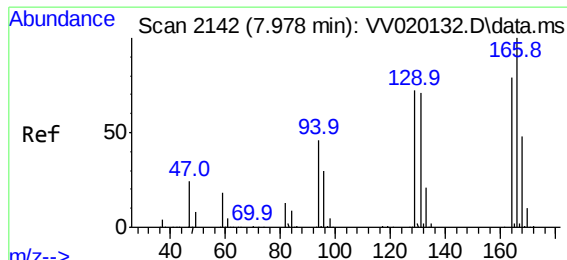


#39
cis-1,3-Dichloropropene
Concen: 0.96 ug/L
RT: 6.987 min Scan# 1834
Delta R.T. -0.042 min
Lab File: VV020137.D
Acq: 22 Jan 2021 15:51

Tgt Ion: 75 Resp: 4904

Ion	Ratio	Lower	Upper
75	100		
77	47.8	21.8	40.6

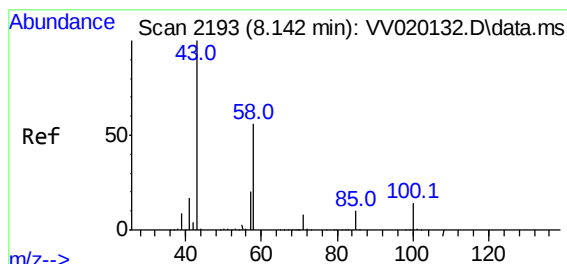
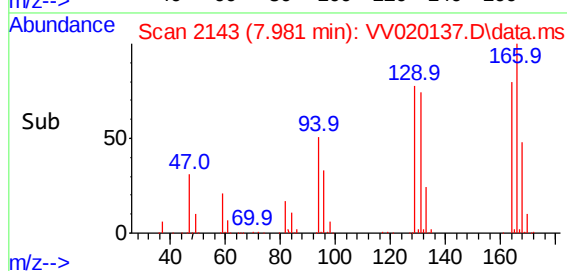
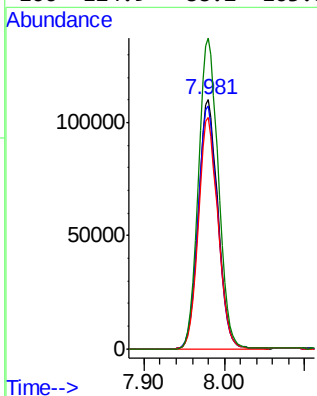
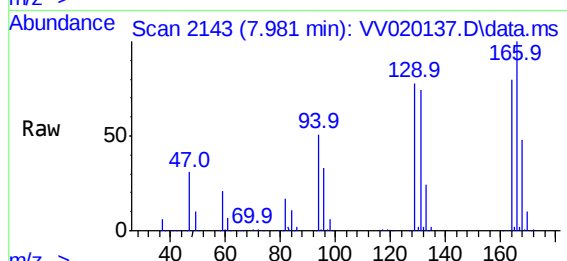




#46
Tetrachloroethene
Concen: 67.53 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020137.D
Acq: 22 Jan 2021 15:51

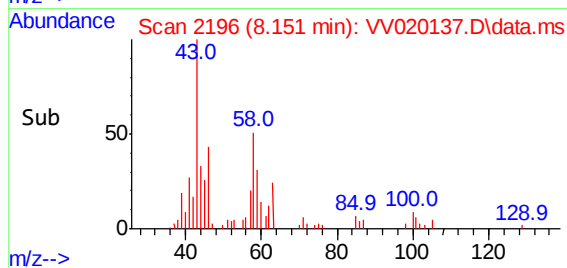
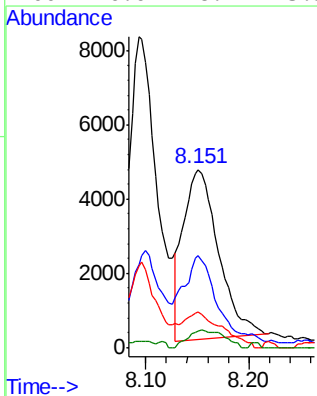
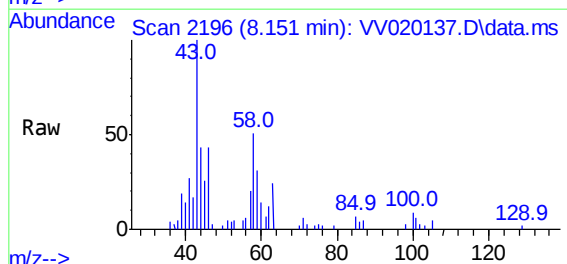
Instrument :
MSVOA_V
ClientSampleId :
F1E39

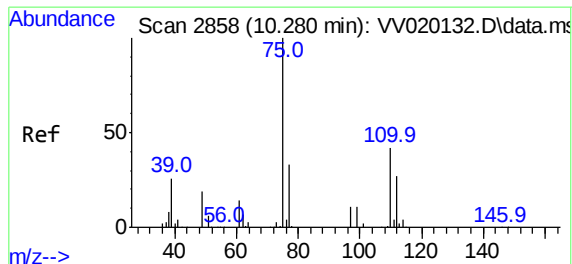
Tgt Ion:164 Resp: 179425
Ion Ratio Lower Upper
164 100
129 97.5 70.6 131.0
131 92.9 66.8 124.0
166 124.9 88.2 163.8



#48
2-Hexanone
Concen: 2.84 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.009 min
Lab File: VV020137.D
Acq: 22 Jan 2021 15:51

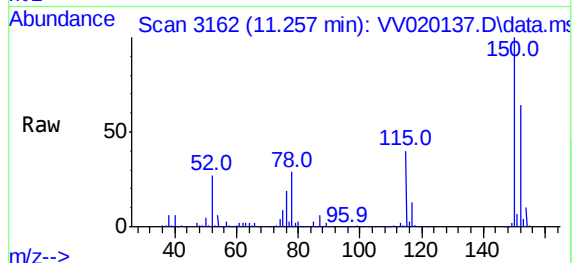
Tgt Ion: 43 Resp: 10856
Ion Ratio Lower Upper
43 100
58 43.9 41.8 62.6
57 21.7 15.0 22.4
100 6.6 8.9 13.3#





#59
 1,2,3-Trichloropropane
 Concen: 5.42 ug/L
 RT: 11.257 min Scan# 3162
 Delta R.T. 0.977 min
 Lab File: VV020137.D
 Acq: 22 Jan 2021 15:51

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E39



Tgt Ion: 75 Resp: 23539
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.4 38.0

