Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092220\
Data File : VV018389.D
Acq On : 22 Sep 2020 12:44
Operator : SY/MD
Sample : L4090-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFWZ0

Quant Time: Sep 23 05:57:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 23 05:49:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	302200	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145111	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87523	35.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.08%			
7) Chloroethane-d5	1.58	69	76863	38.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.28%			
11) 1,1-Dichloroethene-d2	2.12	63	134245	29.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.44%#			
21) 2-Butanone-d5	3.92	46	115390	76.55	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.55%			
24) Chloroform-d	4.38	84	174118	40.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.50%			
26) 1,2-Dichloroethane-d4	5.06	65	115066	42.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.02%			
32) Benzene-d6	5.08	84	356194	41.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.74%			
36) 1,2-Dichloropropane-d6	6.09	67	113553	41.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.00%			
41) Toluene-d8	7.34	98	318805	40.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.26%			
43) trans-1,3-Dichloropropene-	7.64	79	54946	39.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.04%			
47) 2-Hexanone-d5	8.11	63	74182	71.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 71.58%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134703	39.23	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 78.46%			
64) 1,2-Dichlorobenzene-d4	11.65	152	135341	45.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	7502	3.404	ug/L	96
3) Chloromethane	1.31	50	1761	0.732	ug/L	85
8) Chloroethane	1.32	64	1276	0.826	ug/L #	1
34) Trichloroethene	5.95	95	2217	0.946	ug/L	94
35) Methylcyclohexane	6.09	83	27220	7.717	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	12082	5.302	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3130	0.891	ug/L #	64
48) 2-Hexanone	8.16	43	3513	1.612	ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	15932	5.944	ug/L	89

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

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Quant Title : VOC Analysis
QLast Update : Wed Sep 23 05:49:41 2020
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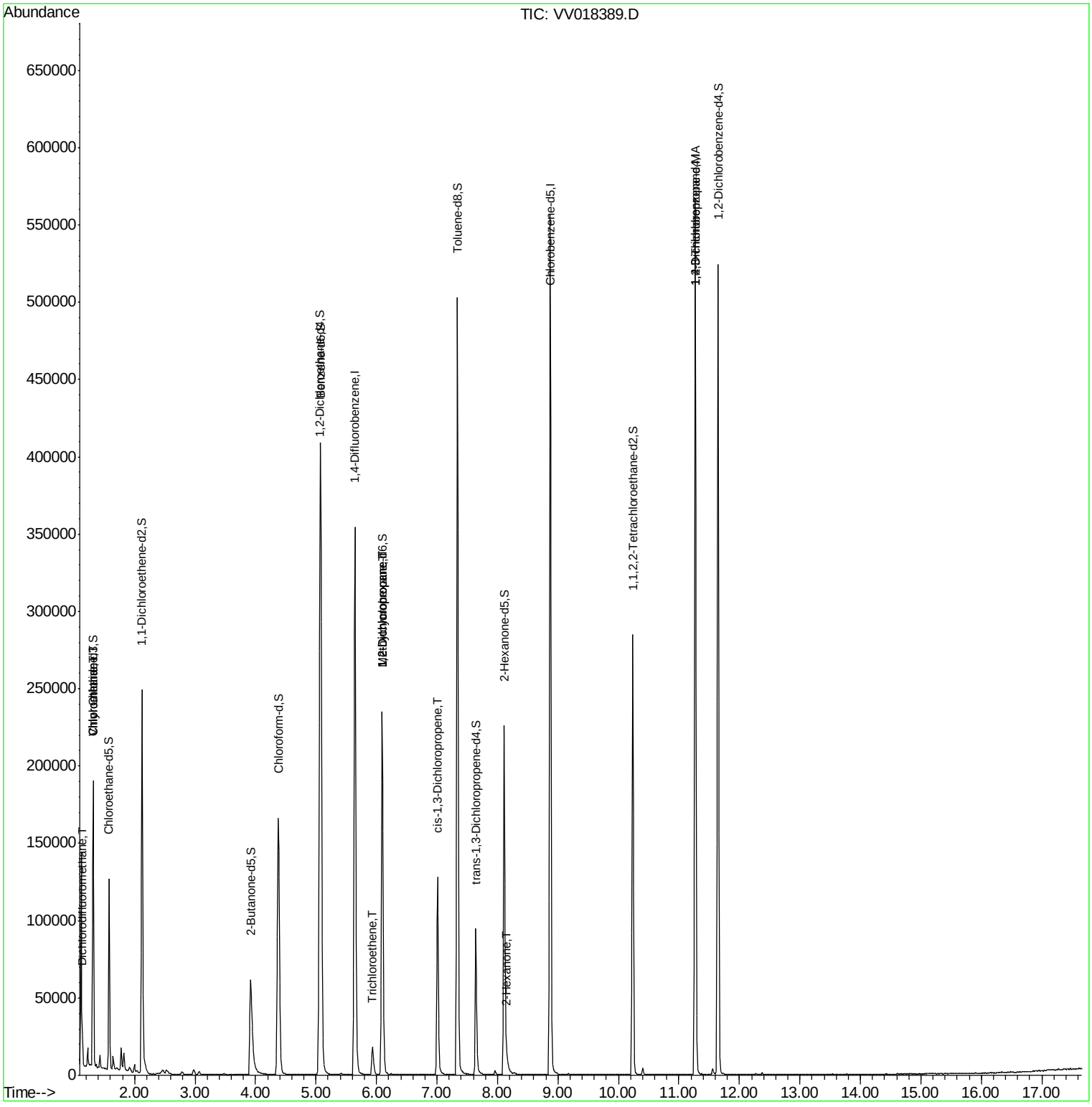
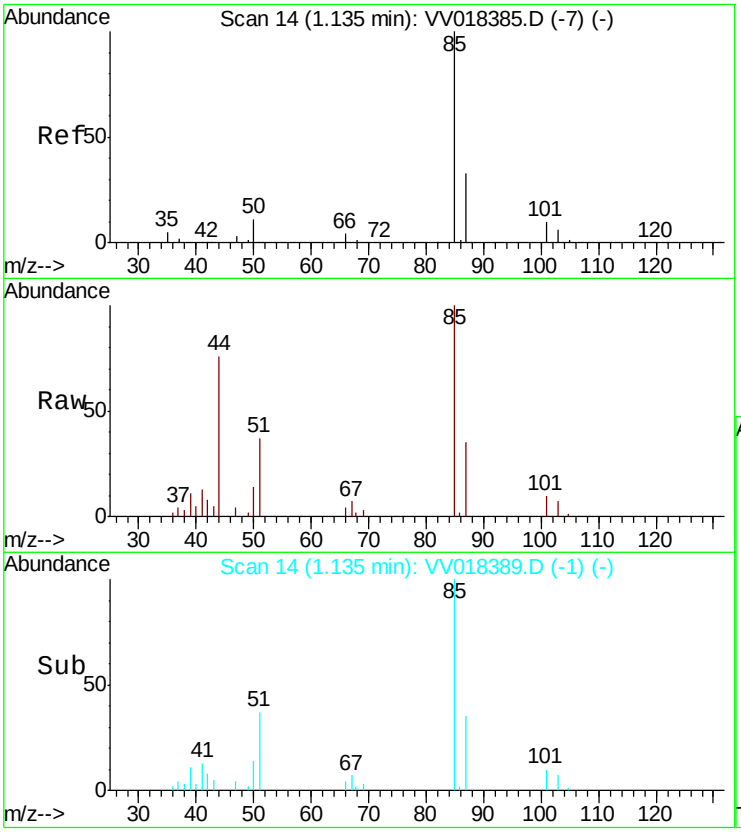


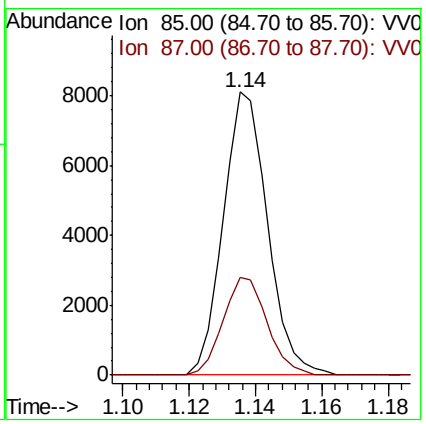


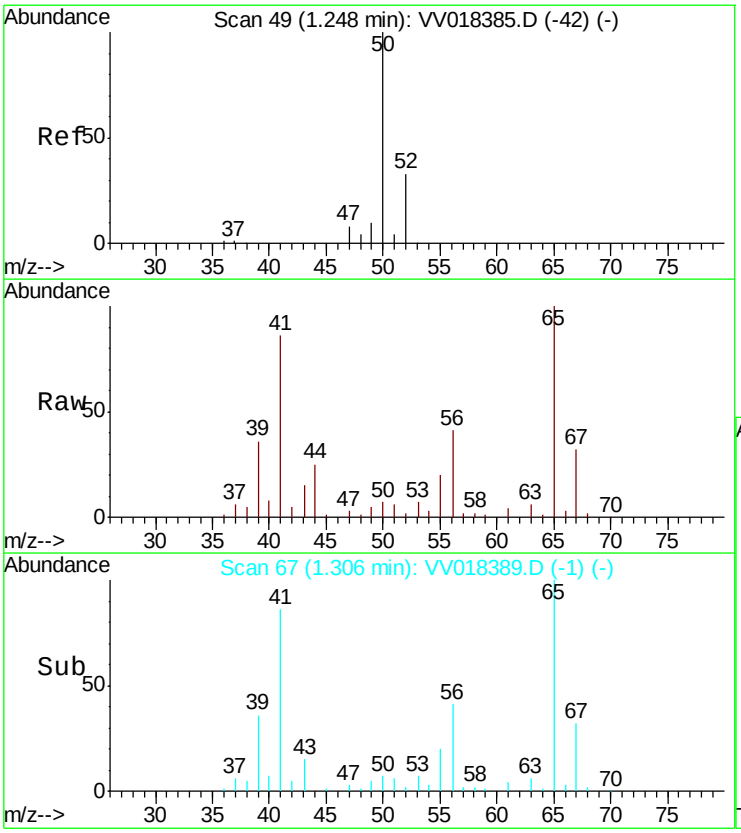
#2
Dichlorodifluoromethane
Concen: 3.404 ug/L
RT: 1.14 min Scan# 14
Delta R.T. 0.00 min
Lab File: VV018389.D
Acq: 22 Sep 2020 12:44

Instrument :
MSVOA_V
ClientSampleId :
BFWZ0

Tgt Ion: 85 Resp: 7502

Ion	Ratio	Lower	Upper
85	100		
87	34.3	25.7	38.5

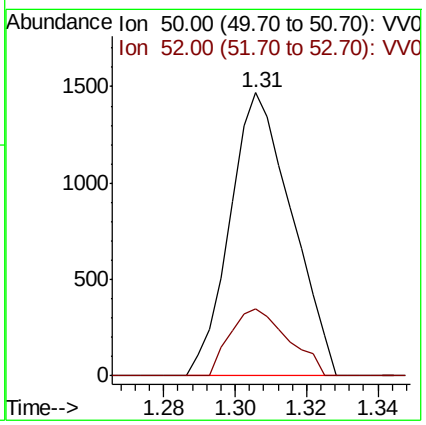


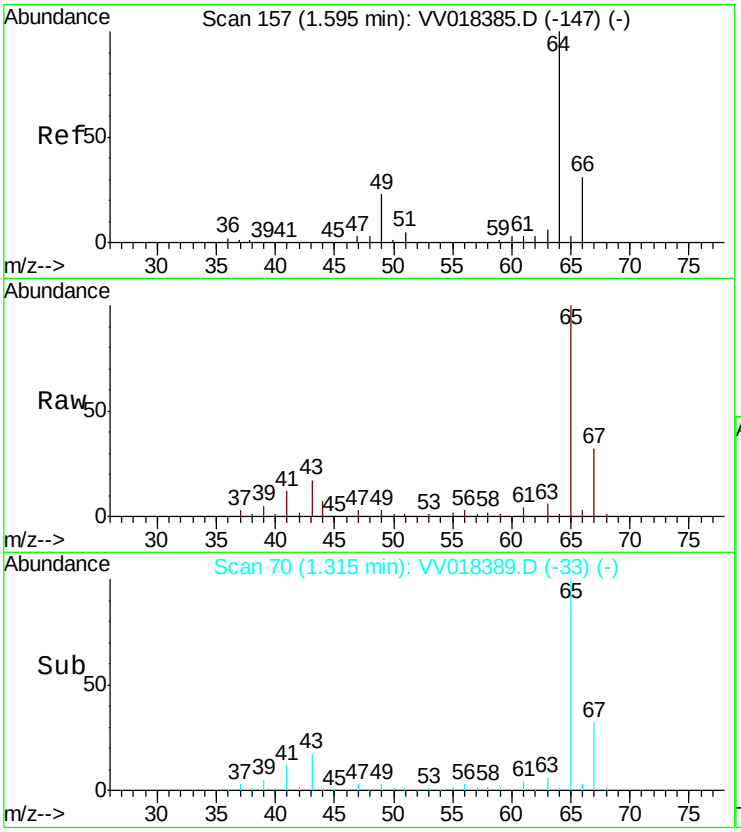


#3
Chloromethane
Concen: 0.732 ug/L
RT: 1.31 min Scan# 67
Delta R.T. 0.06 min
Lab File: VV018389.D
Acq: 22 Sep 2020 12:44

Tgt Ion: 50 Resp: 1761

Ion	Ratio	Lower	Upper
50	100		
52	23.9	22.7	42.3



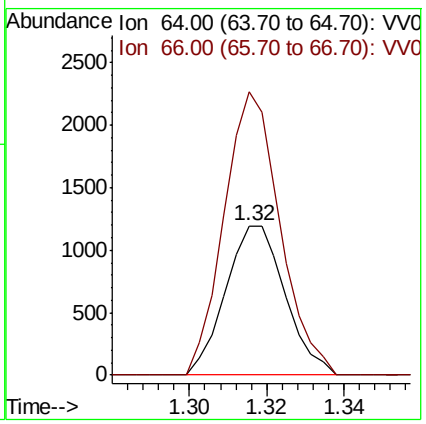


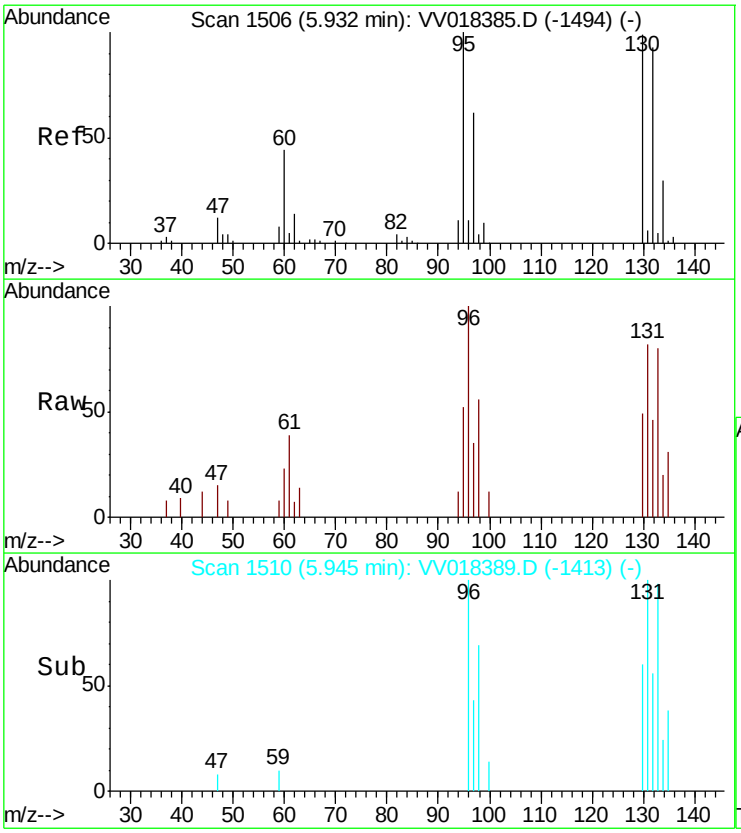
#8
Chloroethane
Concen: 0.826 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.28 min
Lab File: VV018389.D
Acq: 22 Sep 2020 12:44

Instrument :
MSVOA_V
ClientSampleId :
BFWZ0

Tgt Ion: 64 Resp: 1276

Ion	Ratio	Lower	Upper
64	100		
66	190.0	22.5	41.7#

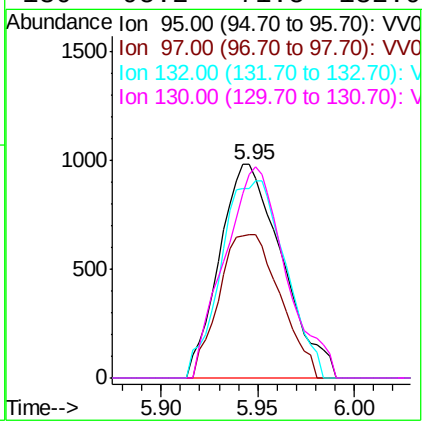


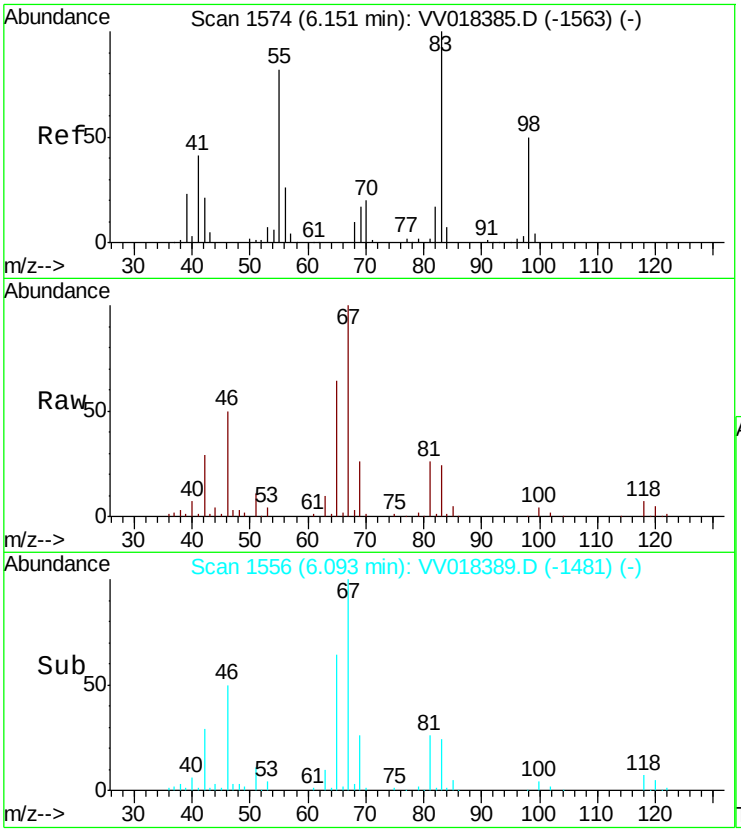


#34
Trichloroethene
Concen: 0.946 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV018389.D
Acq: 22 Sep 2020 12:44

Tgt Ion: 95 Resp: 2217

Ion	Ratio	Lower	Upper
95	100		
97	67.2	46.3	85.9
132	88.7	68.1	126.5
130	95.2	71.5	132.9



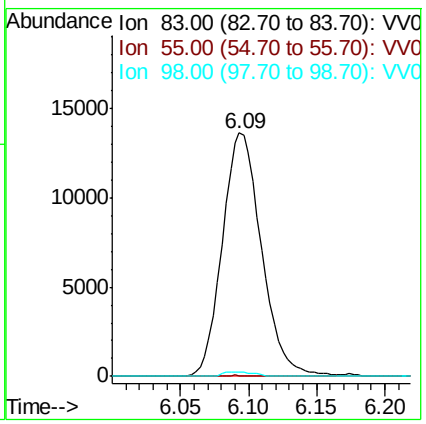


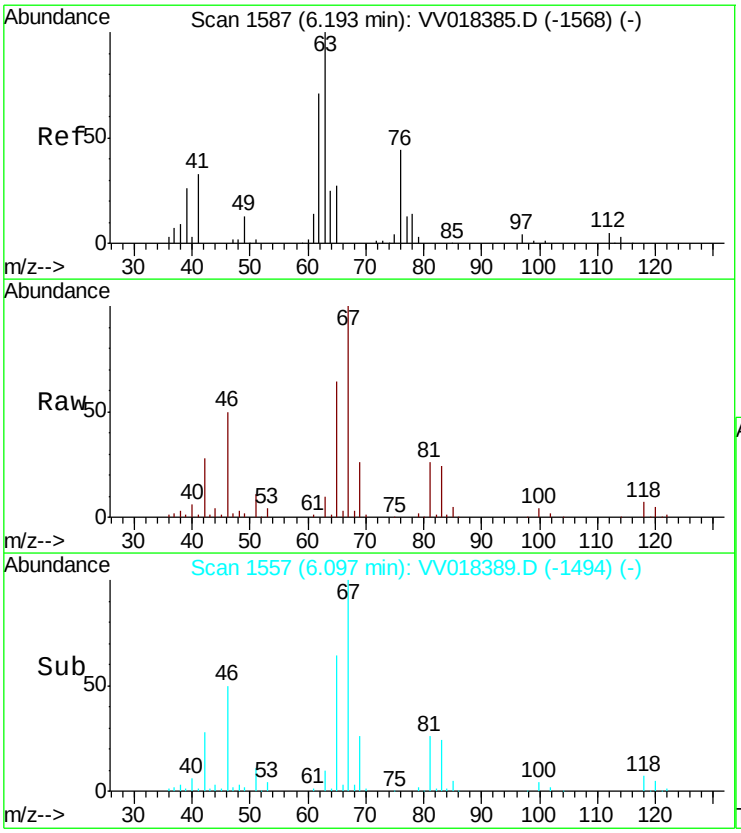
#35
Methylcyclohexane
Concen: 7.717 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018389.D
Acq: 22 Sep 2020 12:44

Instrument : MSVOA_V
ClientSampleId : BFWZ0

Tgt Ion: 83 Resp: 27220

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.4	95.2#
98	1.4	38.8	58.2#

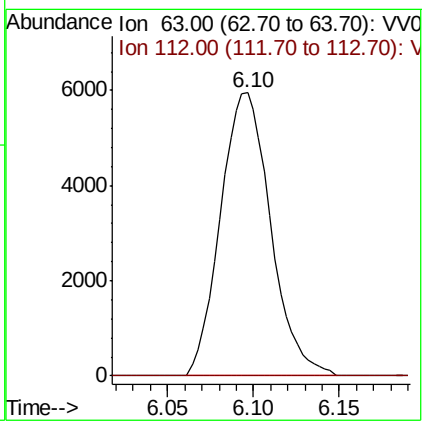


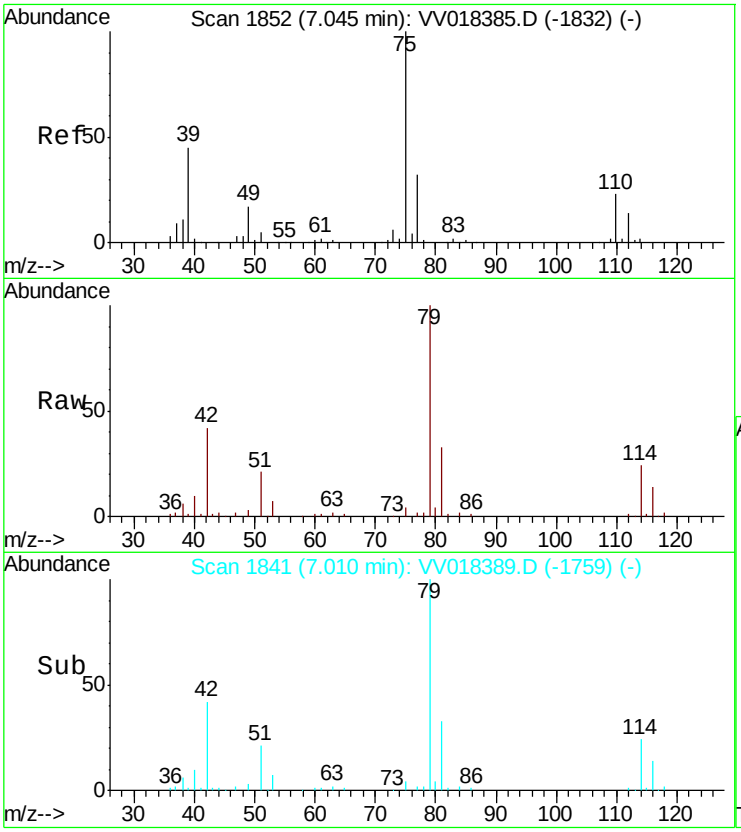


#37
1,2-Dichloropropane
Concen: 5.302 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV018389.D
Acq: 22 Sep 2020 12:44

Tgt Ion: 63 Resp: 12082

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



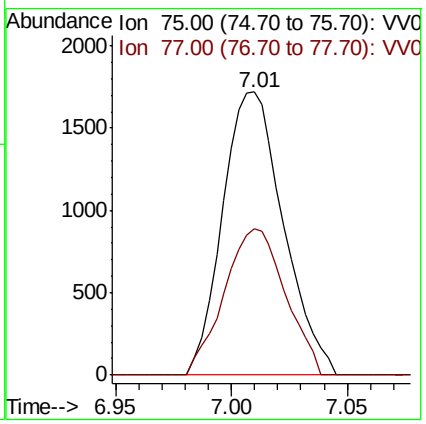


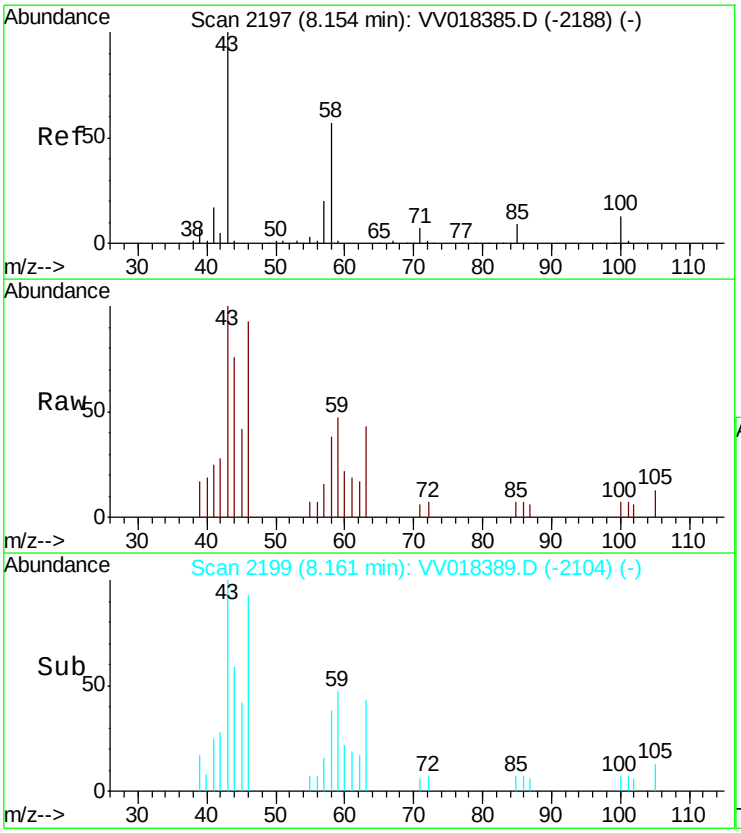
#39
cis-1,3-Dichloropropene
Concen: 0.891 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018389.D
Acq: 22 Sep 2020 12:44

Instrument :
MSVOA_V
ClientSampleId :
BFWZ0

Tgt Ion: 75 Resp: 3130

Ion	Ratio	Lower	Upper
75	100		
77	51.8	22.3	41.3#

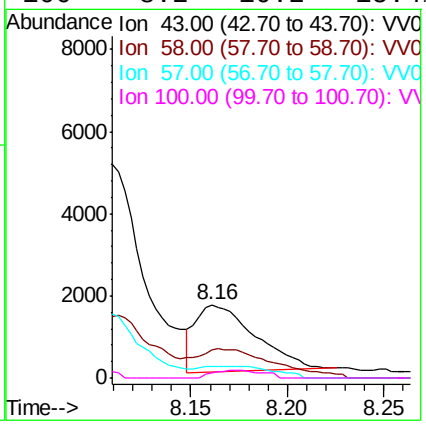


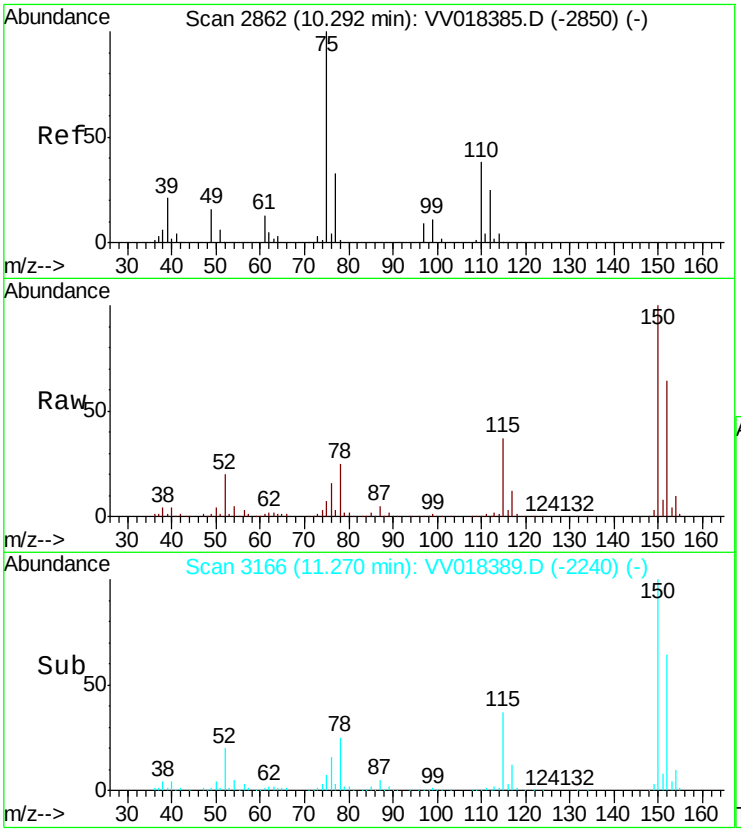


#48
2-Hexanone
Concen: 1.612 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018389.D
Acq: 22 Sep 2020 12:44

Tgt Ion: 43 Resp: 3513

Ion	Ratio	Lower	Upper
43	100		
58	49.7	44.8	67.2
57	2.4	15.8	23.6#
100	8.2	10.2	15.4#





#59
1,2,3-Trichloropropane
Concen: 5.944 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018389.D
Acq: 22 Sep 2020 12:44

Instrument :
MSVOA_V
ClientSampleId :
BFWZ0

Tgt Ion: 75 Resp: 15932

Ion	Ratio	Lower	Upper
75	100		
77	38.5	25.8	38.6