Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103020\
Data File : VV019181.D
Acq On : 30 Oct 2020 13:52
Operator : SY/MD
Sample : L4502-21ME
Misc : 5.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG444ME

Quant Time: Oct 31 03:03:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 31 02:55:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265198	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265519	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133617	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	88242	41.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.74%			
7) Chloroethane-d5	1.58	69	69672	42.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.10%			
11) 1,1-Dichloroethene-d2	2.10	63	138968	34.66	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.32%			
21) 2-Butanone-d5	3.92	46	109813	85.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.07%			
24) Chloroform-d	4.37	84	176513	45.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.04%			
26) 1,2-Dichloroethane-d4	5.05	65	129954	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
32) Benzene-d6	5.07	84	344205	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.40%			
36) 1,2-Dichloropropane-d6	6.09	67	103789	46.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.42%			
41) Toluene-d8	7.33	98	324350	44.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.66%			
43) trans-1,3-Dichloropropene-	7.64	79	57934	44.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.16%			
47) 2-Hexanone-d5	8.14	63	86812	89.26	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.26%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131007	43.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.52%			
64) 1,2-Dichlorobenzene-d4	11.65	152	138351	49.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.56%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1155	0.665	ug/L #	17
34) Trichloroethene	5.95	95	2059	0.982	ug/L	93
35) Methylcyclohexane	6.09	83	26974	9.527	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13266	6.978	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	3829	1.219	ug/L #	55
46) Tetrachloroethene	7.99	164	54397	30.375	ug/L	98
48) 2-Hexanone	8.14	43	11211	5.378	ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	14765	5.941	ug/L #	85

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

Quantitation Report (Not Reviewed)

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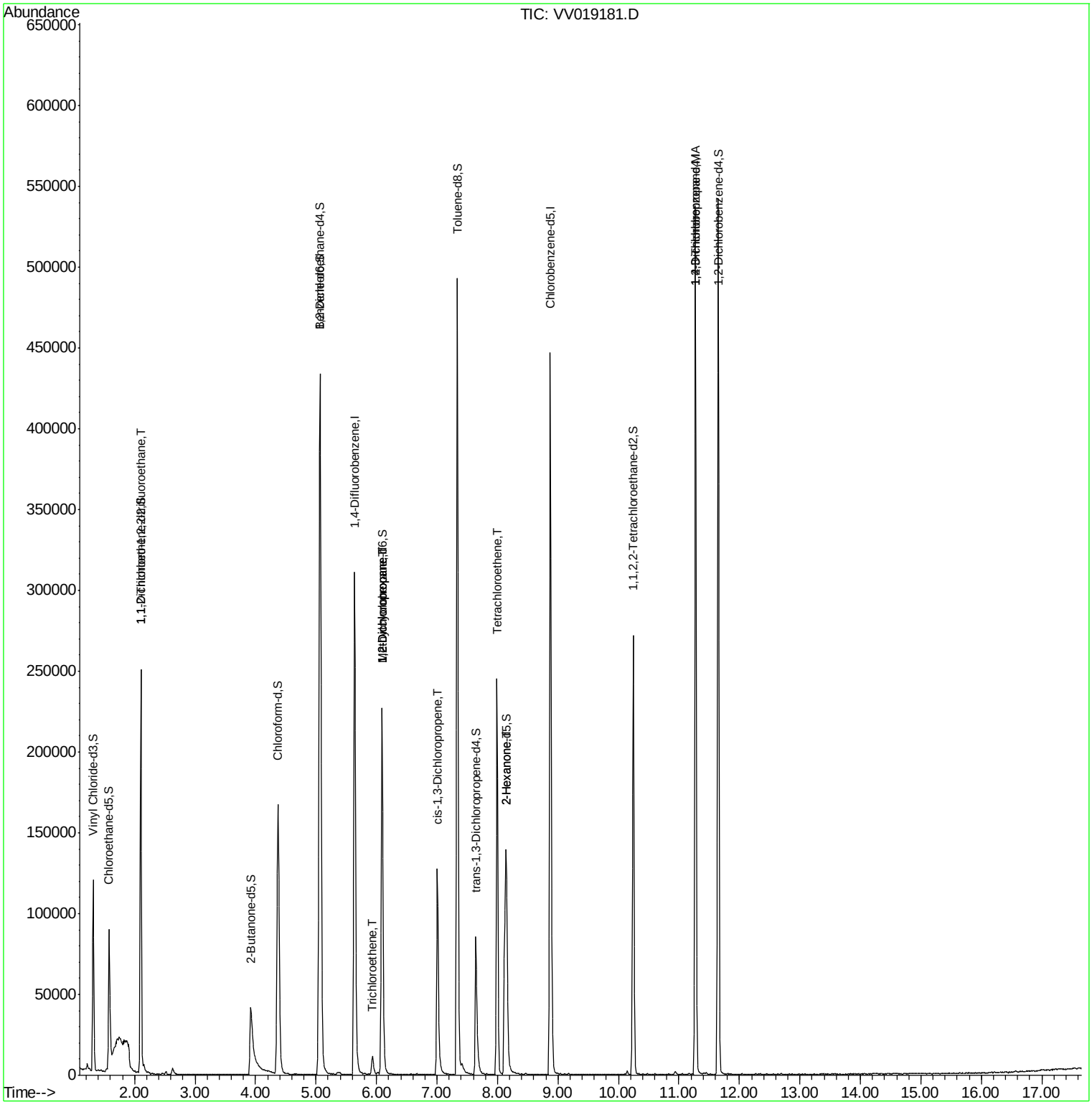
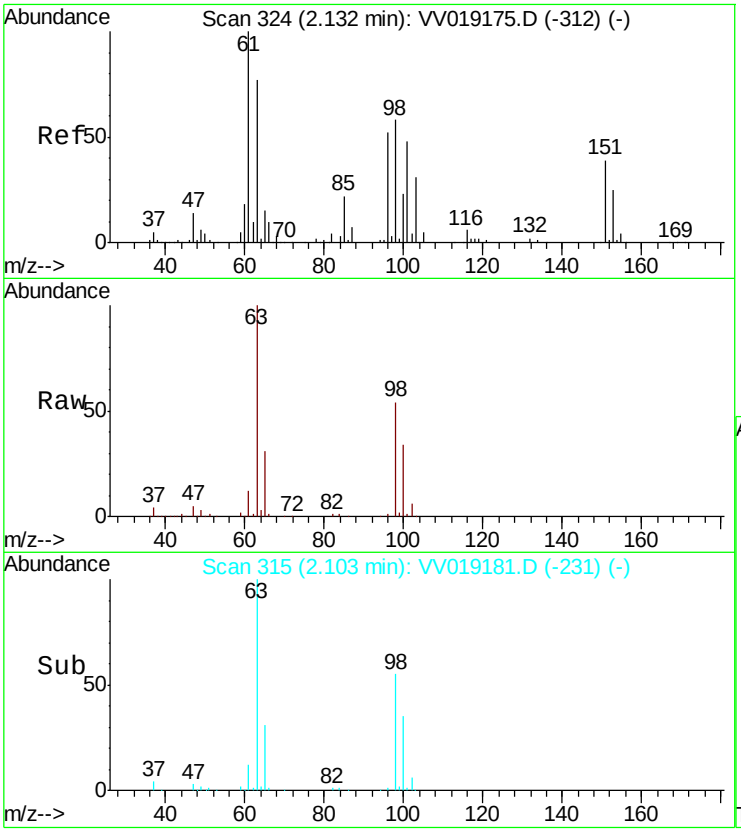
Sample : L4502-21ME
Misc : 5.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG444ME

Quant Time: Oct 31 03:03:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 31 02:55:48 2020
Response via : Initial Calibration



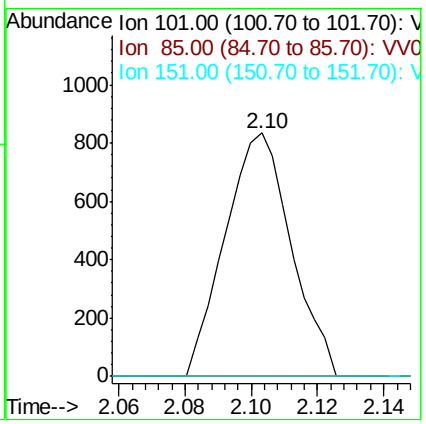


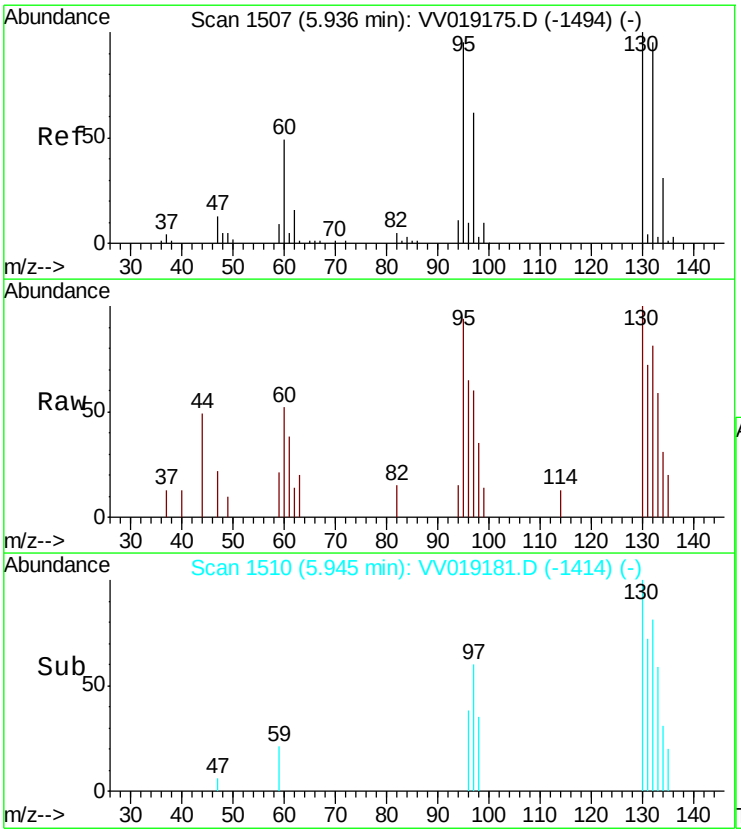
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.665 ug/L
RT: 2.10 min Scan# 315
Delta R.T. -0.03 min
Lab File: VV019181.D
Acq: 30 Oct 2020 13:52

Instrument : MSVOA_V
ClientSampleId : BG444ME

Tgt Ion:101 Resp: 1155

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	65.0	97.4#

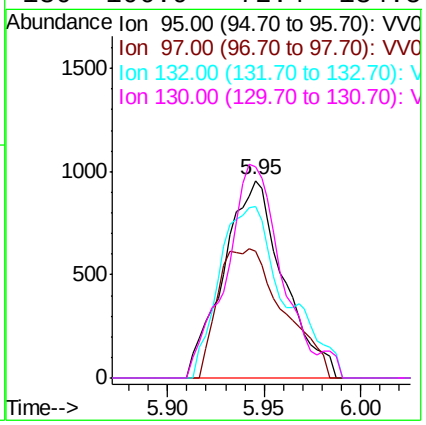


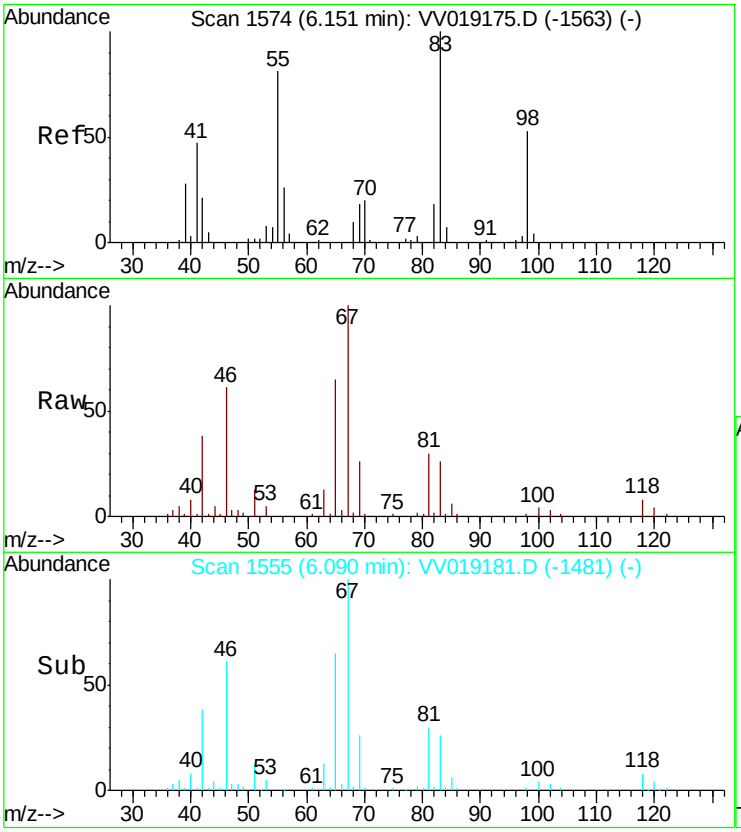


#34
Trichloroethene
Concen: 0.982 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV019181.D
Acq: 30 Oct 2020 13:52

Tgt Ion: 95 Resp: 2059

Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.4	80.6
132	87.0	69.7	129.4
130	106.9	72.4	134.5



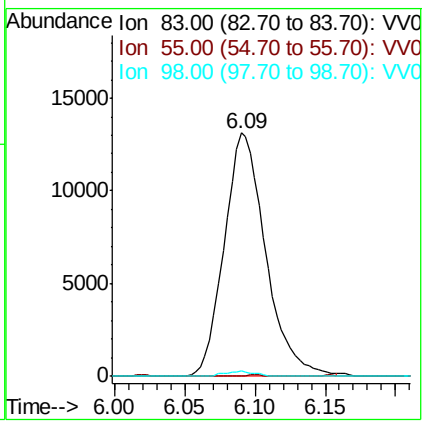


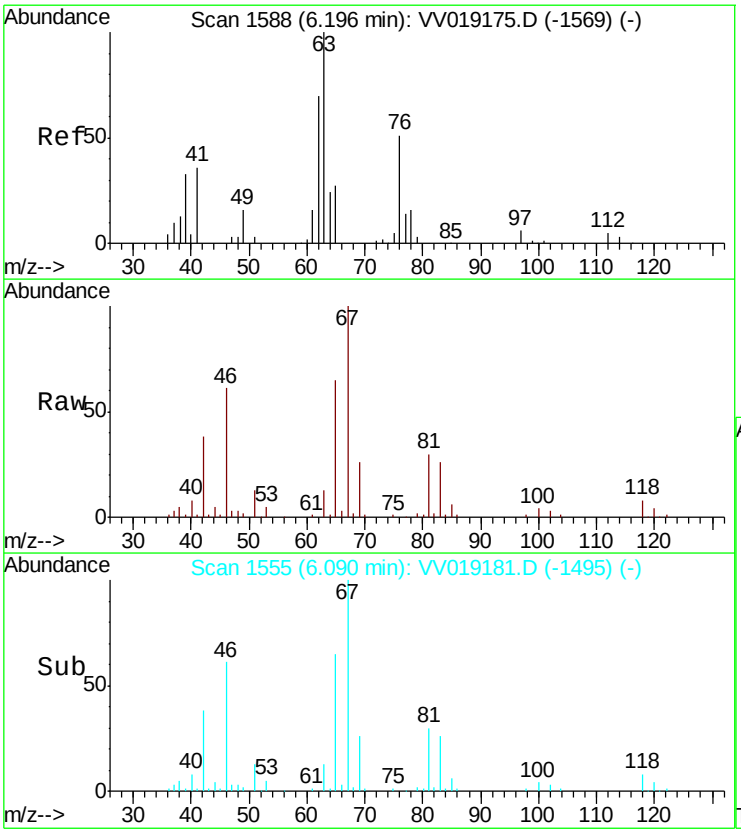
#35
Methylcyclohexane
Concen: 9.527 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV019181.D
Acq: 30 Oct 2020 13:52

Instrument :
MSVOA_V
ClientSampleId :
BG444ME

Tgt Ion: 83 Resp: 26974

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.2	93.4#
98	1.5	39.4	59.2#

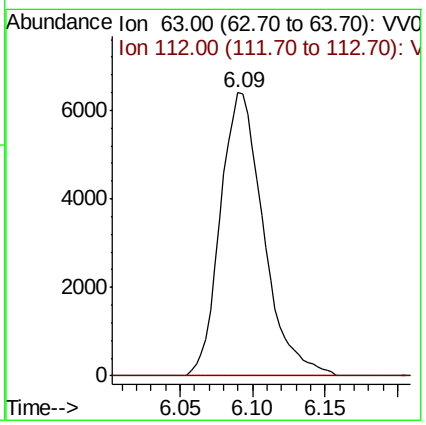


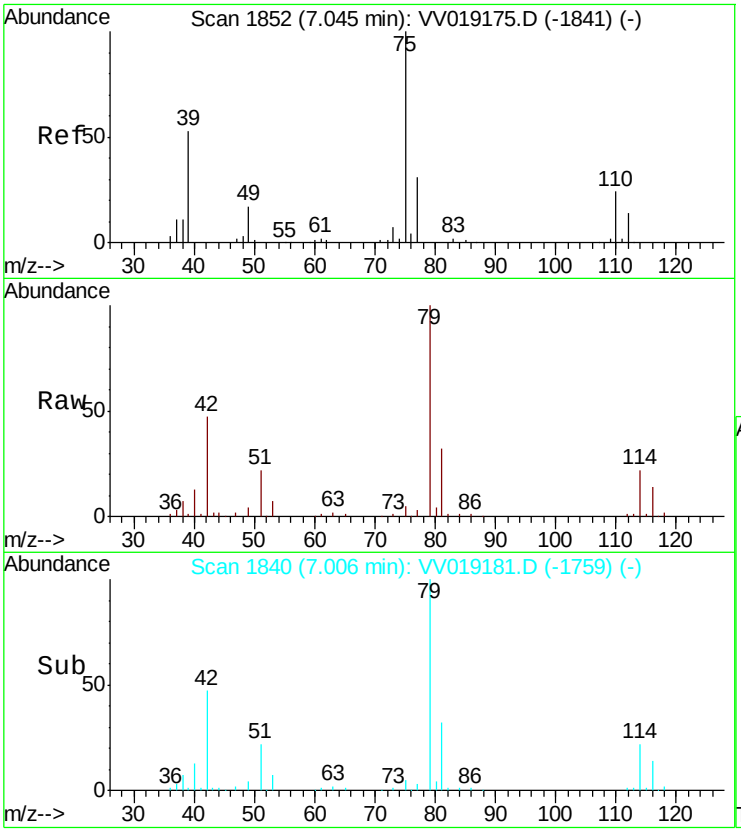


#37
1,2-Dichloropropane
Concen: 6.978 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV019181.D
Acq: 30 Oct 2020 13:52

Tgt Ion: 63 Resp: 13266

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



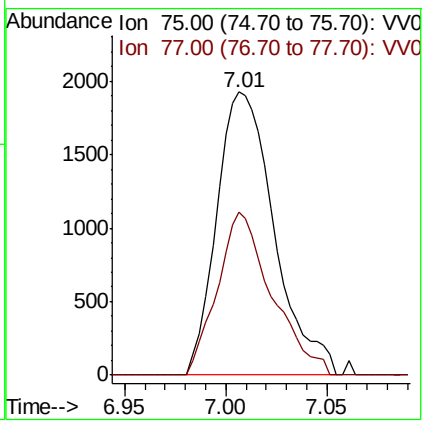


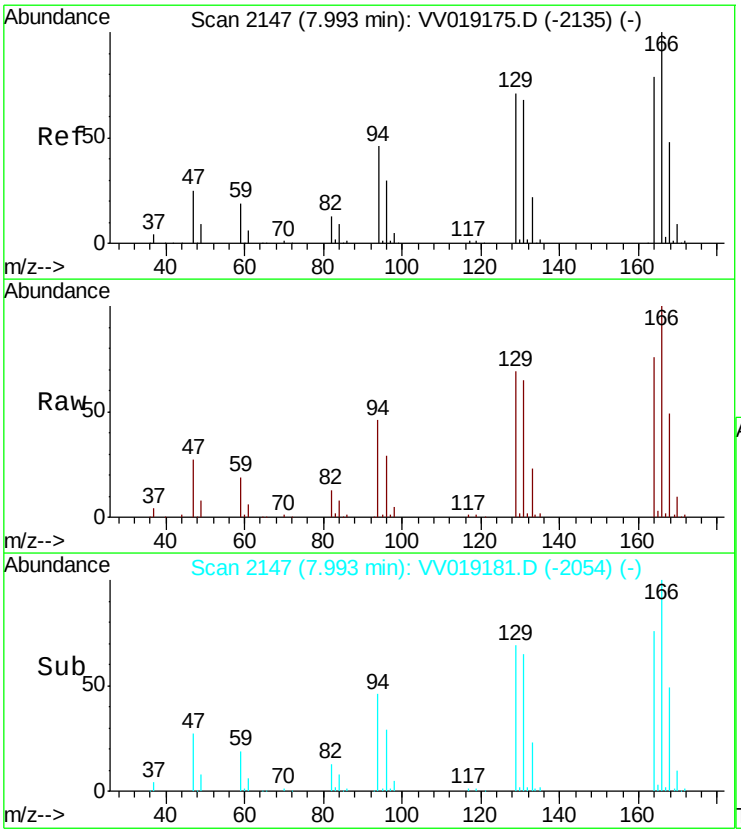
#39
cis-1,3-Dichloropropene
Concen: 1.219 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019181.D
Acq: 30 Oct 2020 13:52

Instrument : MSVOA_V
ClientSampleId : BG444ME

Tgt Ion: 75 Resp: 3829

Ion	Ratio	Lower	Upper
75	100		
77	57.4	22.7	42.1#

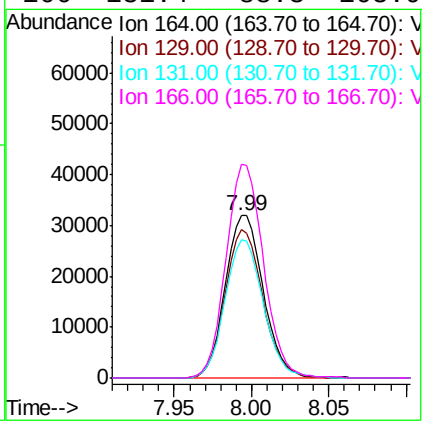


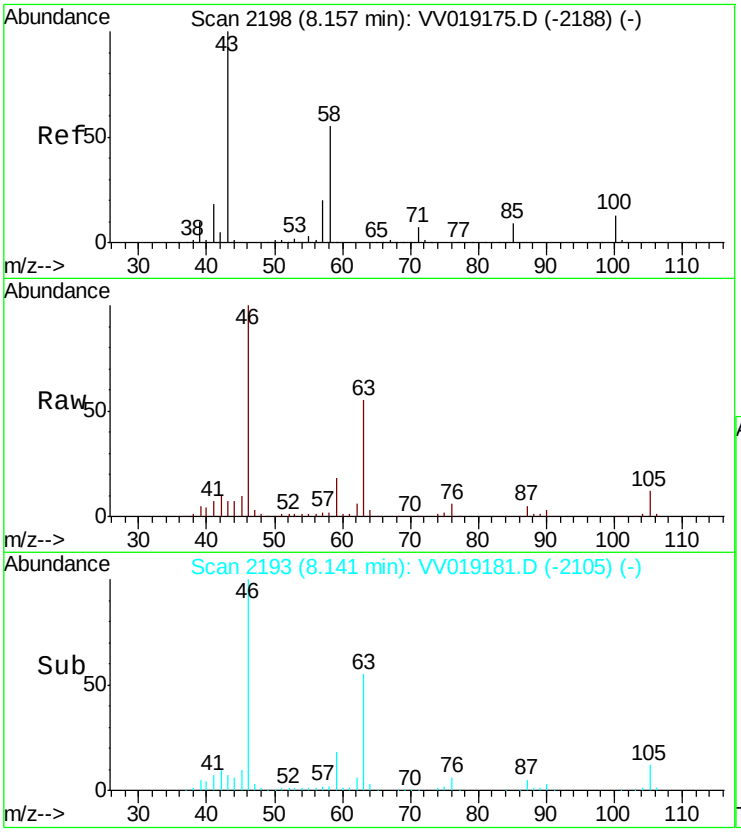


#46
Tetrachloroethene
Concen: 30.375 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV019181.D
Acq: 30 Oct 2020 13:52

Tgt Ion:164 Resp: 54397

Ion	Ratio	Lower	Upper
164	100		
129	91.1	63.2	117.4
131	85.3	60.3	112.1
166	131.4	88.3	163.9



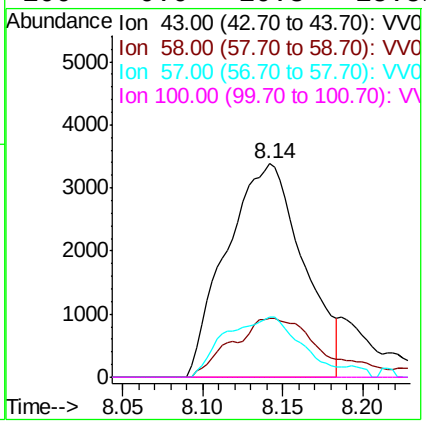


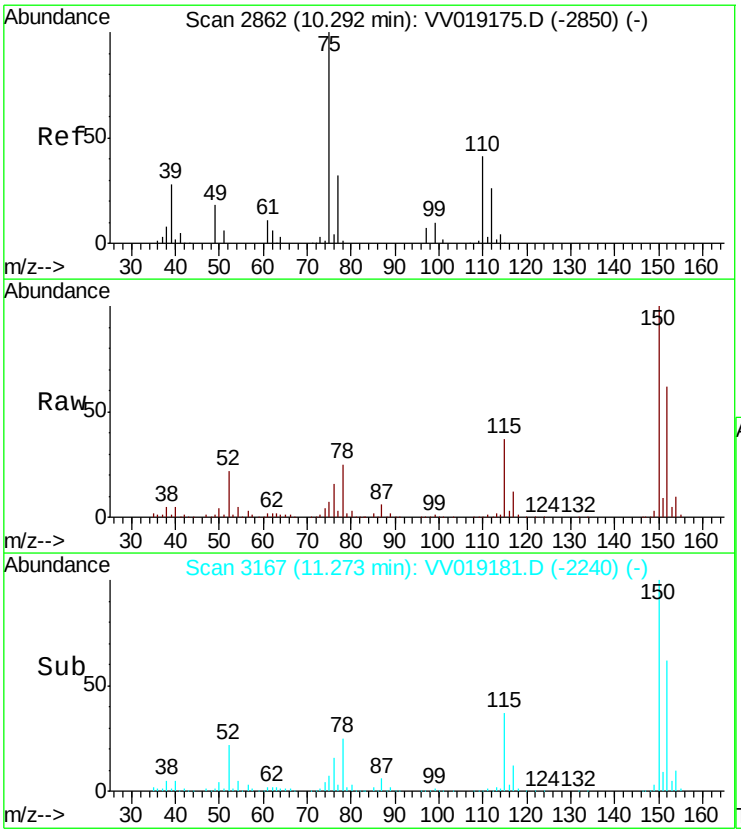
#48
2-Hexanone
Concen: 5.378 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.02 min
Lab File: VV019181.D
Acq: 30 Oct 2020 13:52

Instrument : MSVOA_V
ClientSampleId : BG444ME

Tgt Ion: 43 Resp: 11211

Ion	Ratio	Lower	Upper
43	100		
58	26.4	43.6	65.4#
57	28.1	16.0	24.0#
100	0.0	10.3	15.5#





#59
1,2,3-Trichloropropane
Concen: 5.941 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV019181.D
Acq: 30 Oct 2020 13:52

Tgt Ion: 75 Resp: 14765

Ion	Ratio	Lower	Upper
75	100		
77	41.4	26.2	39.4#