Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101620\
Data File : VV018950.D
Acq On : 16 Oct 2020 20:24
Operator : SY/MD
Sample : L4382-14
Misc : 5.51G/10mL/100uL/5.0mL/MSV0A_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y2ME

Quant Time: Oct 17 06:05:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 17 05:56:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	409947	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	405338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	198069	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	216203	64.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 128.14%			
7) Chloroethane-d5	1.57	69	168494	63.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 126.04%			
11) 1,1-Dichloroethene-d2	2.10	63	340989	53.53	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.06%			
21) 2-Butanone-d5	3.91	46	311722	132.53	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 132.53%#			
24) Chloroform-d	4.37	84	388894	64.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 128.28%#			
26) 1,2-Dichloroethane-d4	5.05	65	286600	71.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 142.44%#			
32) Benzene-d6	5.07	84	800819	67.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 135.36%#			
36) 1,2-Dichloropropane-d6	6.09	67	261838	69.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 138.42%#			
41) Toluene-d8	7.34	98	733395	69.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 138.18%#			
43) trans-1,3-Dichloropropene-	7.64	79	126812	68.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 137.14%#			
47) 2-Hexanone-d5	8.14	63	198804	141.45	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 141.45%#			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	290308	65.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 130.94%#			
64) 1,2-Dichlorobenzene-d4	11.65	152	287855	71.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 142.86%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	3099	1.165	ug/L #	20
12) 1,1-Dichloroethene	2.10	96	2711	1.006	ug/L #	1
25) Chloroform	4.40	83	25607	4.375	ug/L	91
34) Trichloroethene	5.94	95	12220	3.410	ug/L	98
35) Methylcyclohexane	6.09	83	63947	14.736	ug/L #	17
44) trans-1,3-Dichloropropene	7.64	75	6109	1.261	ug/L	86
45) 1,1,2-Trichloroethane	7.99	97	2430	0.785	ug/L #	9
46) Tetrachloroethene	7.99	164	265234	105.033	ug/L	99
48) 2-Hexanone	8.14	43	28279	7.775	ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	24400	6.060	ug/L #	88

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

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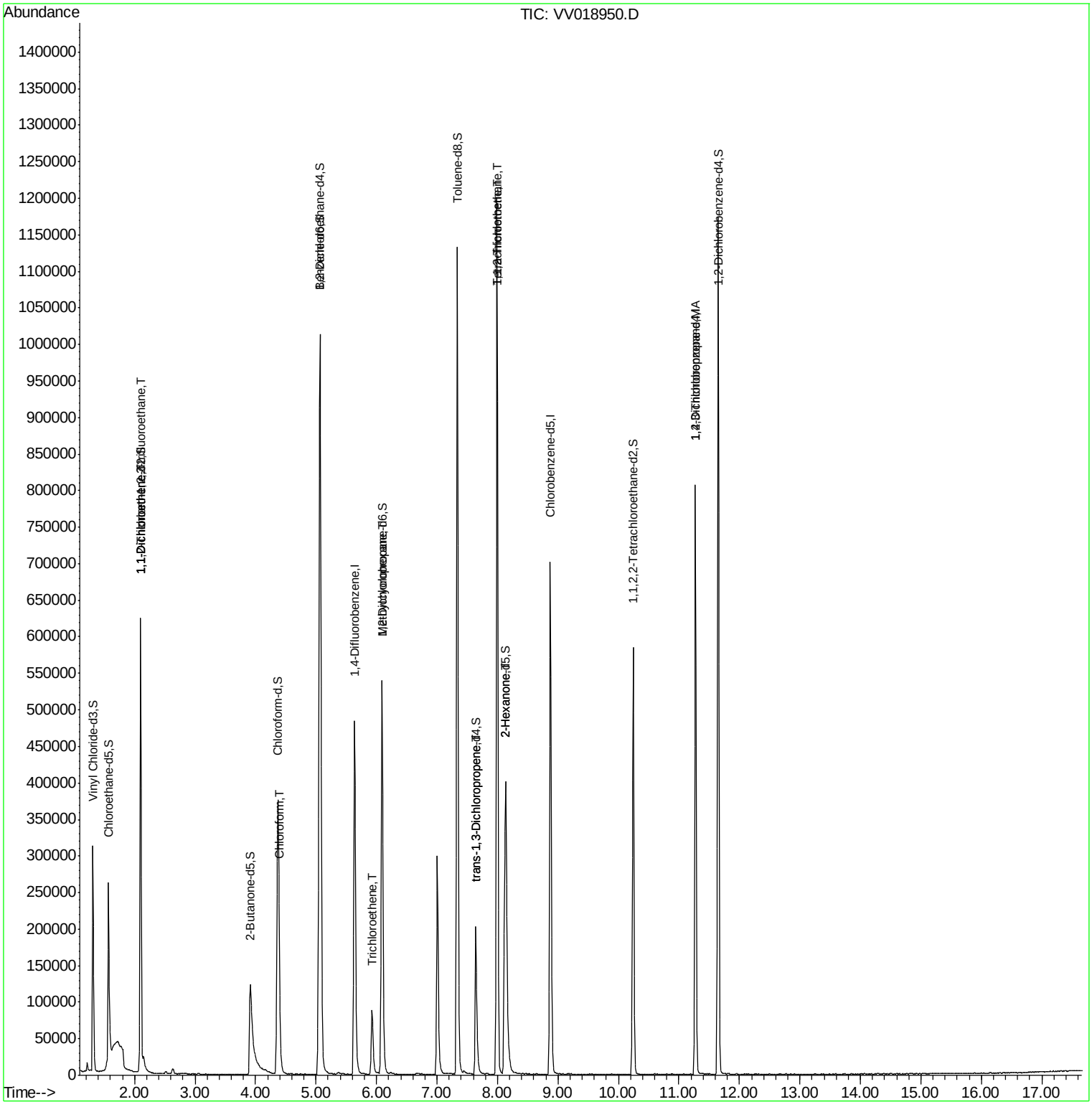
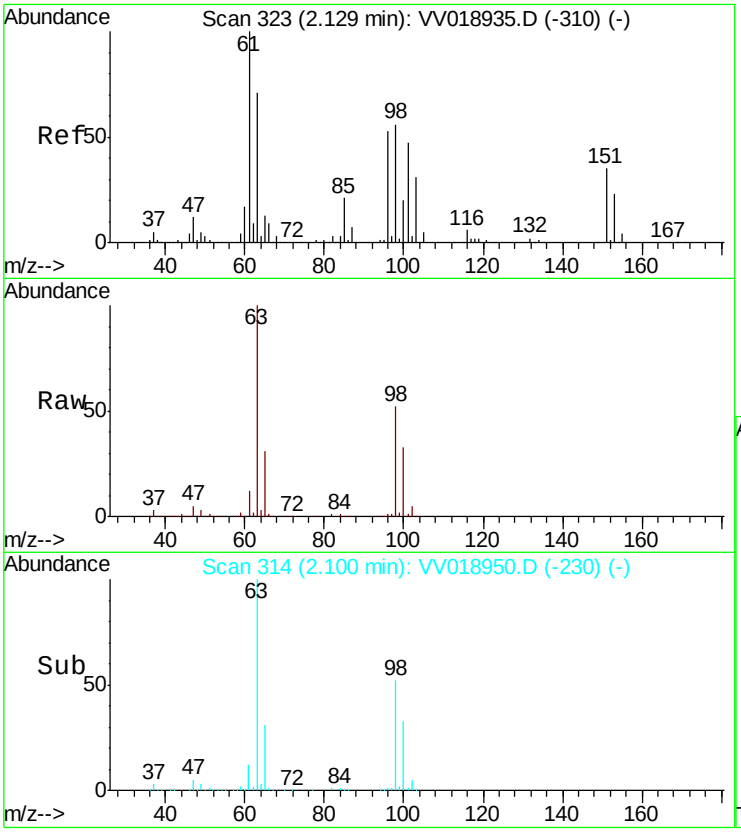
Quant Title : VOC Analysis
QLast Update : Sat Oct 17 05:56:05 2020
Response via : Initial Calibration



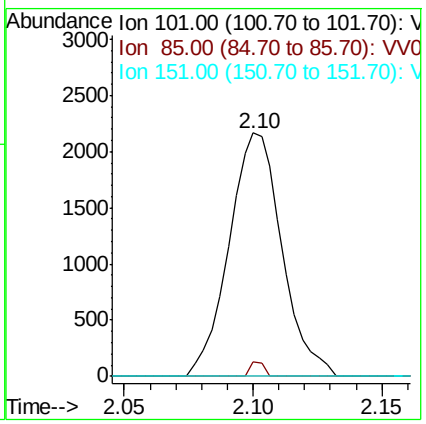


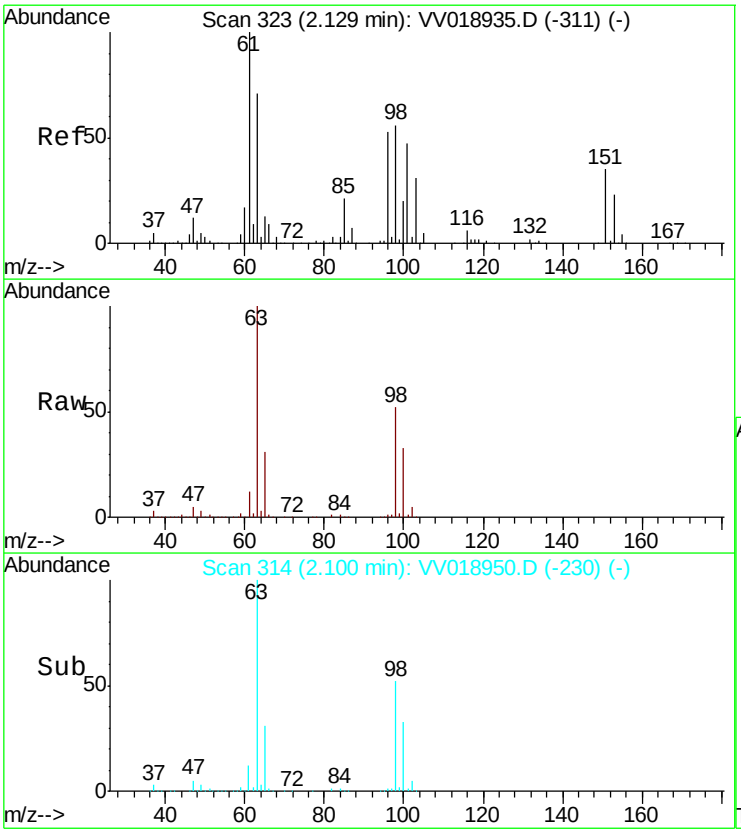
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.165 ug/L
RT: 2.10 min Scan# 314
Delta R.T. -0.03 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Instrument :
MSVOA_V
ClientSampleId :
BG3Y2ME

Tgt Ion:101 Resp: 3099

Ion	Ratio	Lower	Upper
101	100		
85	1.5	35.0	52.4#
151	0.0	59.7	89.5#

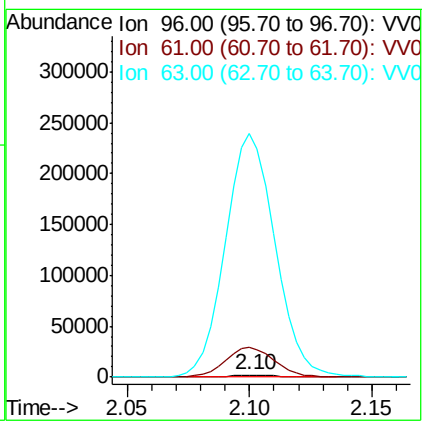


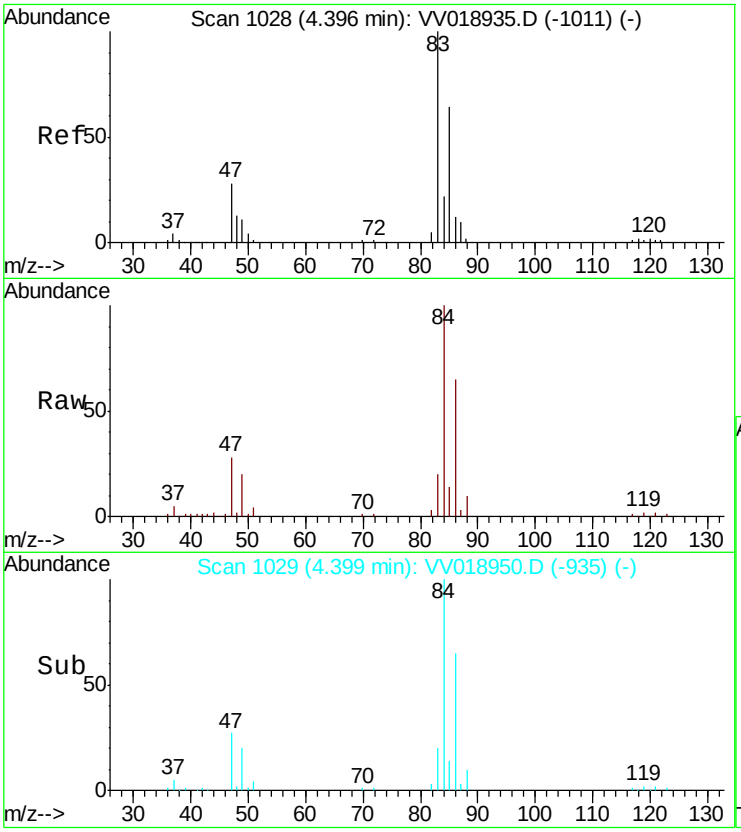


#12
1,1-Dichloroethene
Concen: 1.006 ug/L
RT: 2.10 min Scan# 314
Delta R.T. -0.03 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Tgt Ion: 96 Resp: 2711

Ion	Ratio	Lower	Upper
96	100		
61	1671.8	133.5	247.9#
63	13681.9	102.1	189.7#



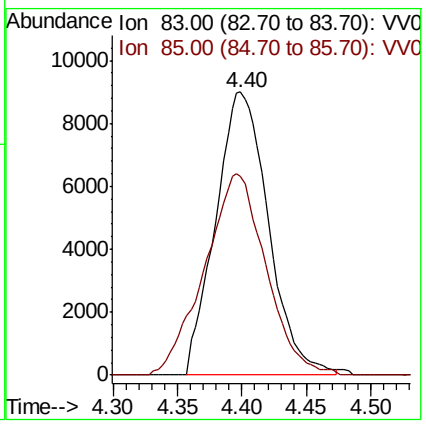


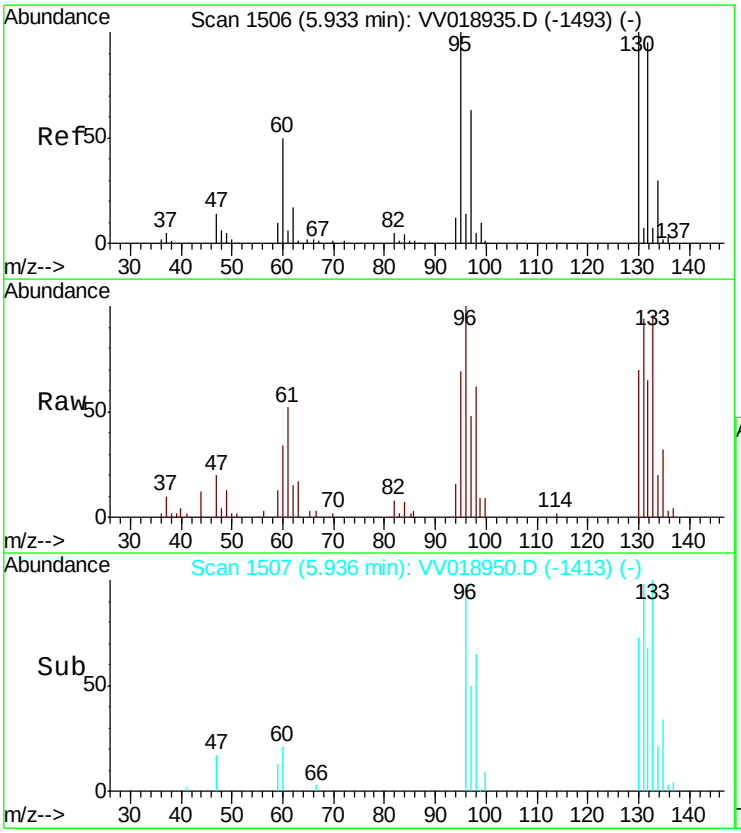
#25
Chloroform
Concen: 4.375 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Instrument : MSVOA_V
ClientSampleId : BG3Y2ME

Tgt Ion: 83 Resp: 25607

Ion	Ratio	Lower	Upper
83	100		
85	70.5	44.6	82.8

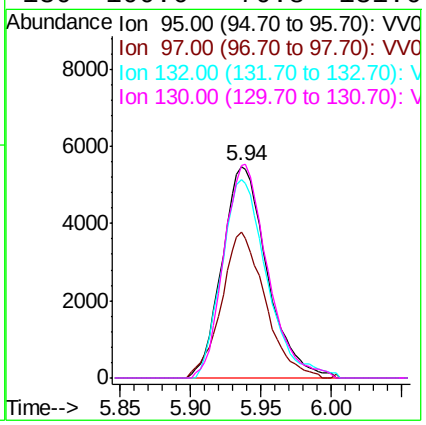


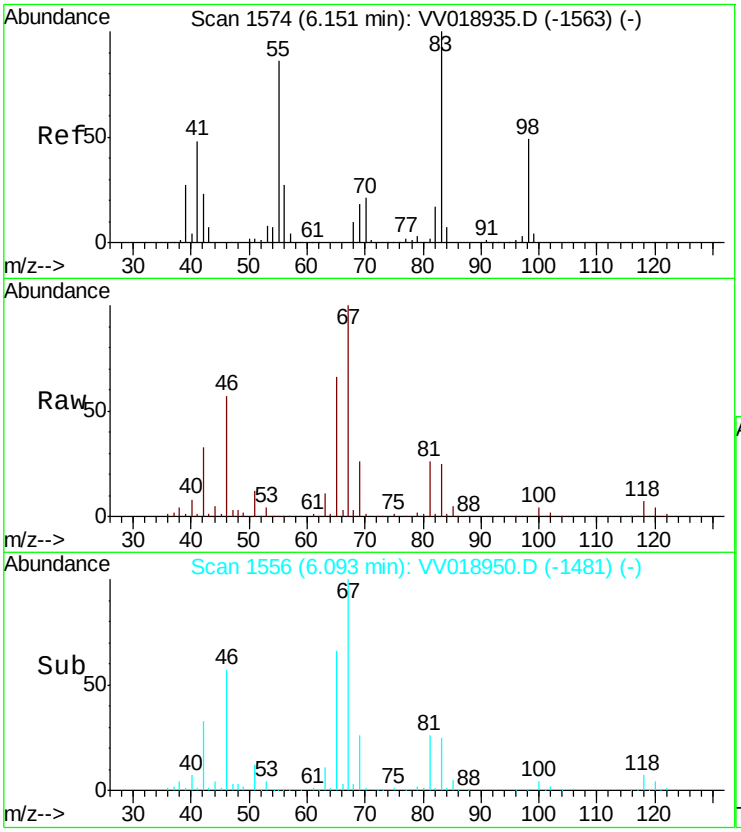


#34
Trichloroethene
Concen: 3.410 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Tgt Ion: 95 Resp: 12220

Ion	Ratio	Lower	Upper
95	100		
97	69.0	44.7	82.9
132	94.2	67.0	124.4
130	100.6	70.8	131.6



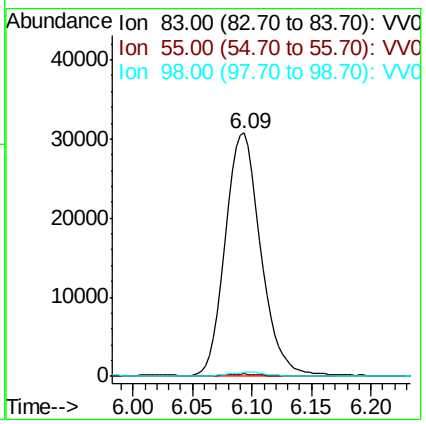


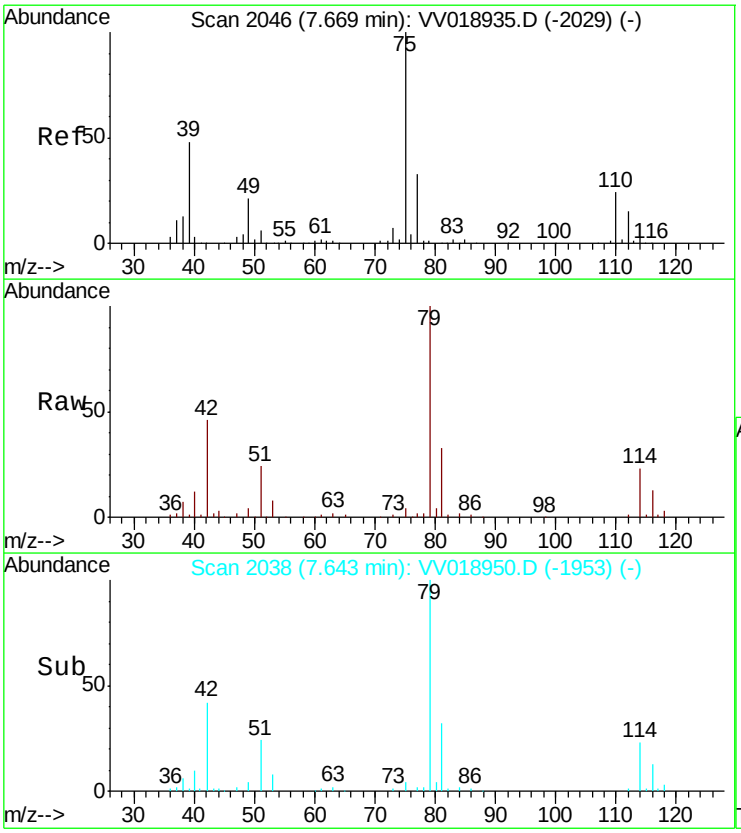
#35
Methylcyclohexane
Concen: 14.736 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Instrument :
MSVOA_V
ClientSampleId :
BG3Y2ME

Tgt Ion: 83 Resp: 63947

Ion	Ratio	Lower	Upper
83	100		
55	0.8	67.3	100.9#
98	1.8	37.9	56.9#

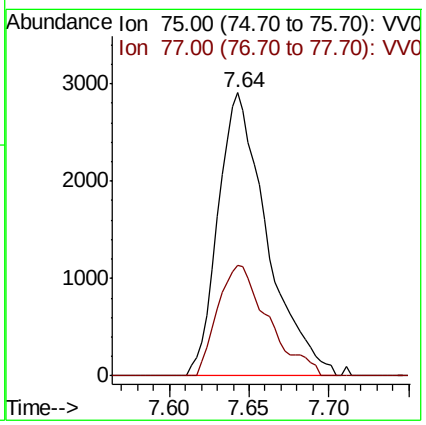


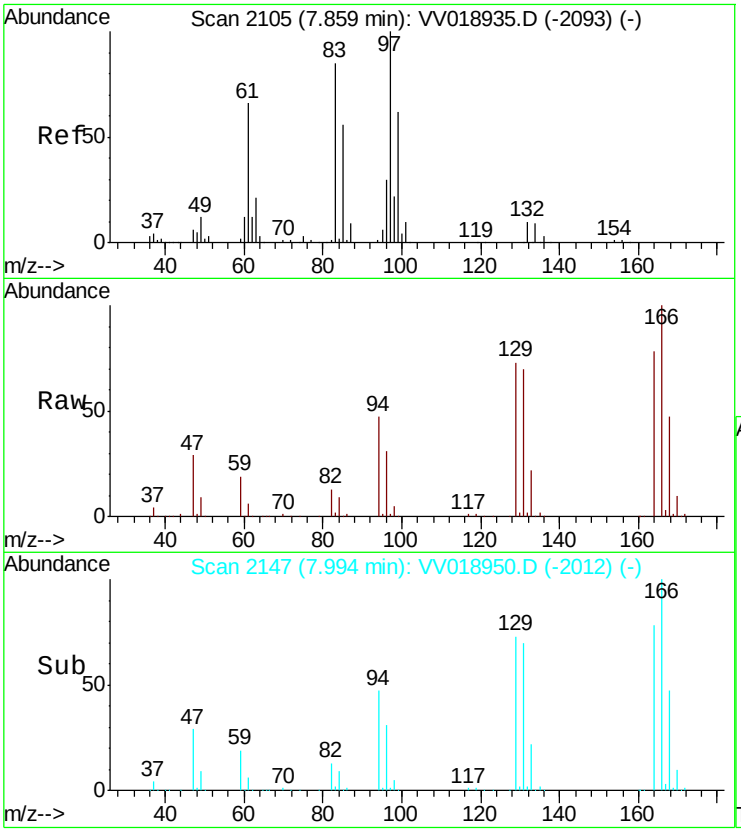


#44
trans-1,3-Dichloropropene
Concen: 1.261 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Tgt Ion: 75 Resp: 6109

Ion	Ratio	Lower	Upper
75	100		
77	39.1	21.9	40.7



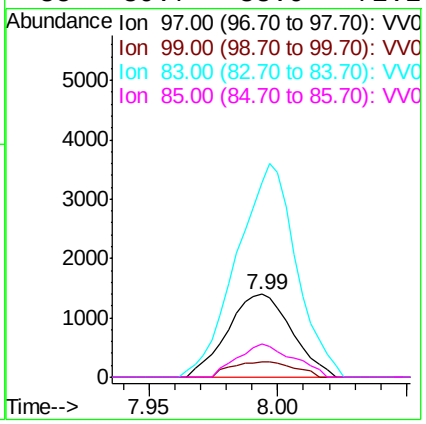


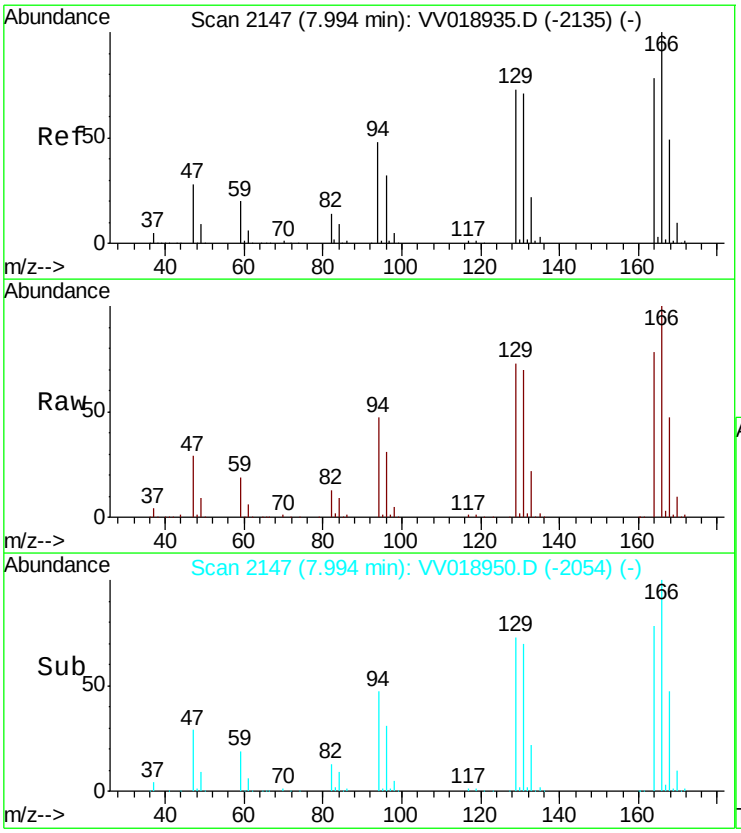
#45
1,1,2-Trichloroethane
Concen: 0.785 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.14 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Instrument :
MSVOA_V
ClientSampleId :
BG3Y2ME

Tgt Ion: 97 Resp: 2430

Ion	Ratio	Lower	Upper
97	100		
99	18.9	43.8	81.4#
83	235.1	61.0	113.4#
85	39.7	38.9	72.2

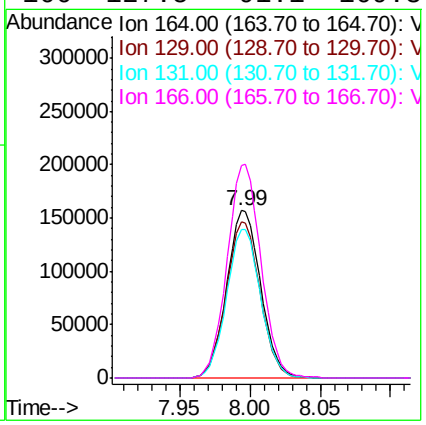


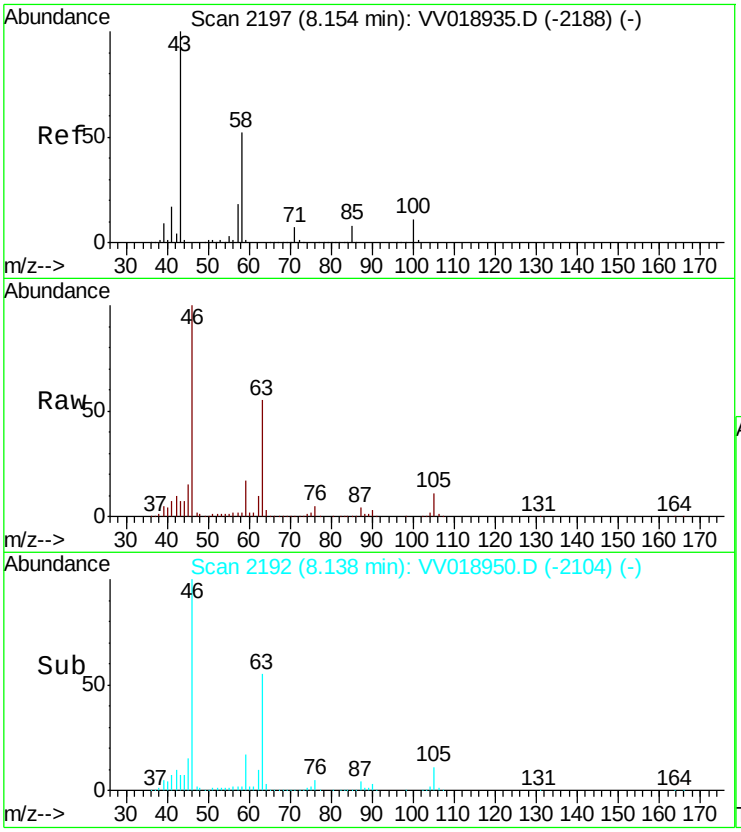


#46
Tetrachloroethene
Concen: 105.033 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Tgt Ion:164 Resp: 265234

Ion	Ratio	Lower	Upper
164	100		
129	93.5	65.0	120.8
131	88.8	62.9	116.7
166	127.5	91.1	169.3



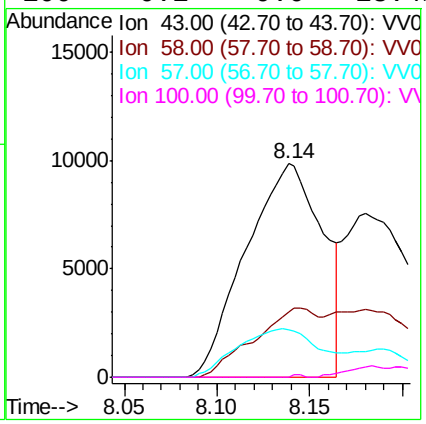


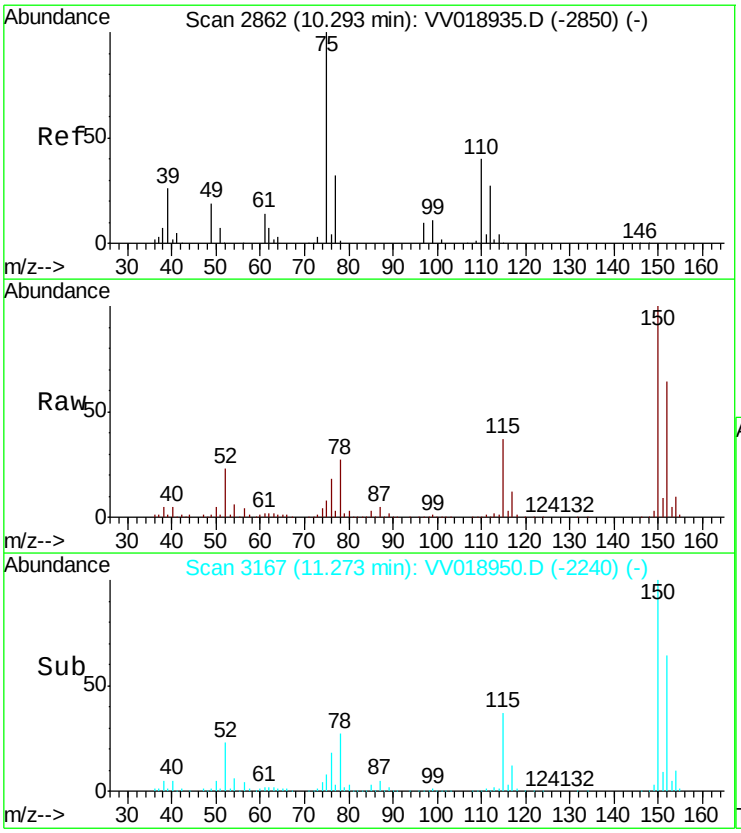
#48
2-Hexanone
Concen: 7.775 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.02 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Instrument :
MSVOA_V
ClientSampleId :
BG3Y2ME

Tgt Ion: 43 Resp: 28279

Ion	Ratio	Lower	Upper
43	100		
58	28.1	42.5	63.7#
57	24.5	14.5	21.7#
100	0.1	9.0	13.4#





#59
1,2,3-Trichloropropane
Concen: 6.060 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV018950.D
Acq: 16 Oct 2020 20:24

Tgt Ion: 75 Resp: 24400

Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.4	38.2#