Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091119\

Quantitation Report (Not Reviewed)

Data File : VV012676.D
Acq On : 11 Sep 2019 16:39
Operator : SY/MD
Sample : K4809-05DL 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDC2DL

Quant Time: Sep 12 07:20:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 07:16:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	390769	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	394541	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151633	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	161853	6.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 122.20%			
7) Chloroethane-d5	1.58	69	136625	6.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 124.60%			
11) 1,1-Dichloroethene-d2	2.13	63	199411	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.20%			
20) 2-Butanone-d5	3.96	46	409458	64.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 128.38%			
24) Chloroform-d	4.40	84	282021	5.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.00%			
26) 1,2-Dichloroethane-d4	5.08	65	143768	6.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 124.80%			
32) Benzene-d6	5.10	84	558807	5.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 118.60%			
36) 1,2-Dichloropropane-d6	6.12	67	177631	5.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 118.60%			
41) Toluene-d8	7.36	98	448660	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	7.66	79	55018	5.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.00%			
46) 2-Hexanone-d5	8.14	63	201484	51.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.42%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	118419	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	163124	6.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 125.80%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2152	0.084	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	3272	0.135	ug/L #	1
16) Methylene chloride	2.53	84	4082	0.138	ug/L #	85
25) Chloroform	4.42	83	11515	0.204	ug/L	93
34) Trichloroethene	5.96	95	13907	0.436	ug/L	91
35) Methylcyclohexane	6.12	83	42028	0.933	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	18945	0.660	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	3923	0.104	ug/L #	61
44) trans-1,3-Dichloropropene	7.66	75	2571	0.090	ug/L	88
47) Tetrachloroethene	8.02	164	218545	8.737	ug/L	97
48) 2-Hexanone	8.19	43	49937	4.383	ug/L #	85
49) Dibromochloromethane	8.02	129	189744	7.975	ug/L #	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091119\

Quantitation Report (Not Reviewed)

Data File : VV012676.D
Acq On : 11 Sep 2019 16:39
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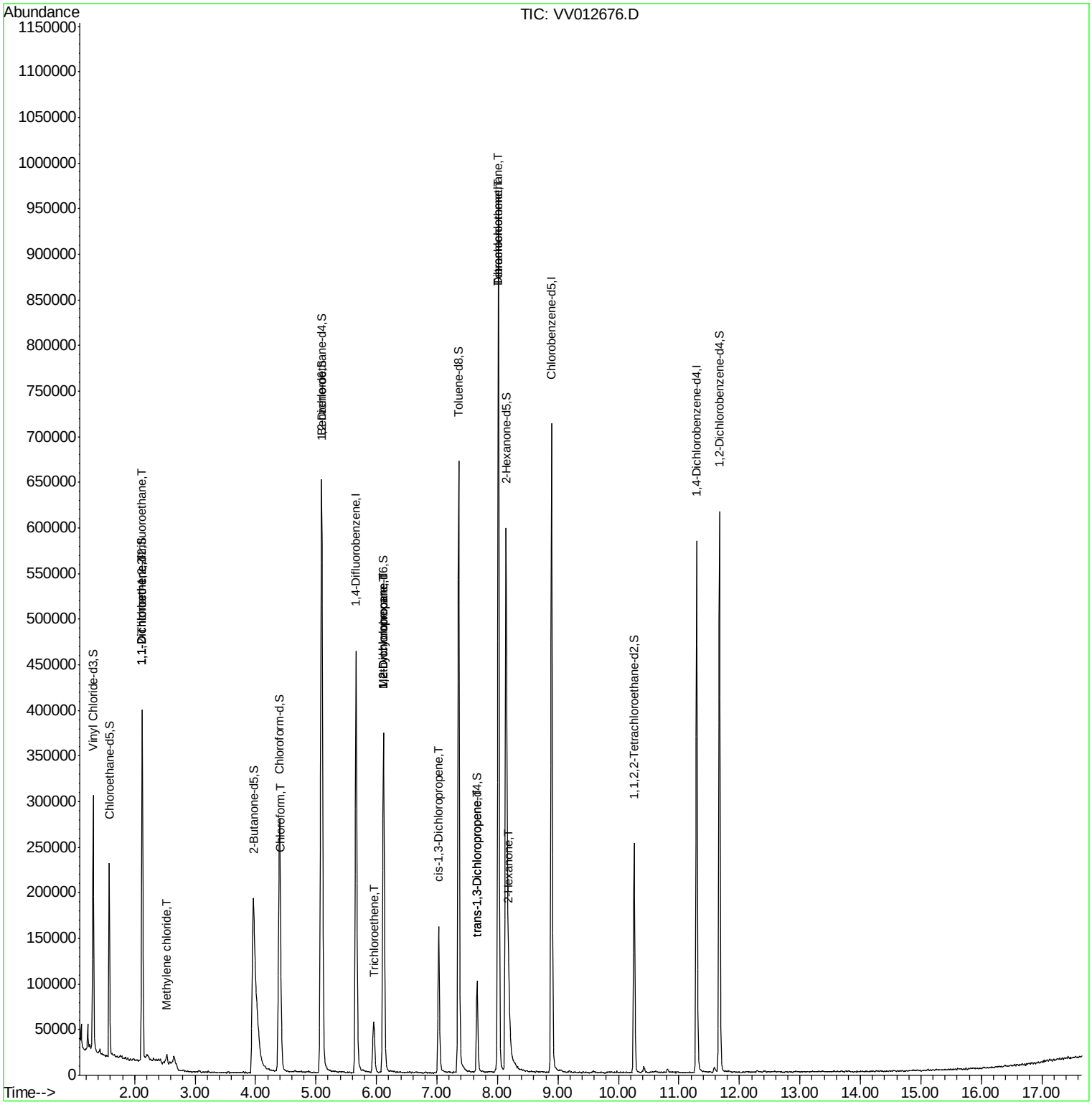
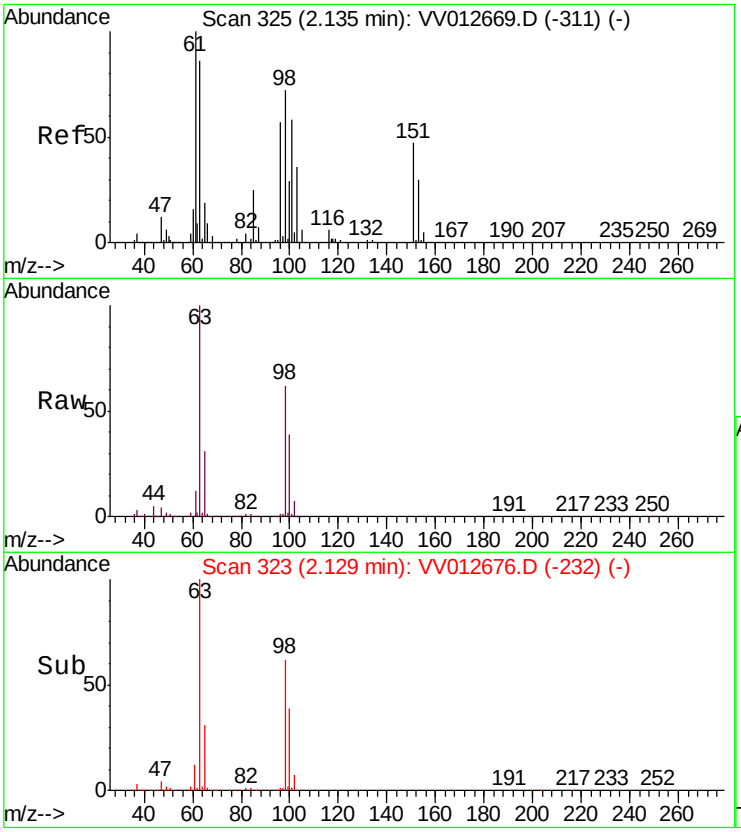
ClientSampleId :
BFDC2DL

Quant Time: Sep 12 07:20:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 07:16:59 2019
Response via : Initial Calibration



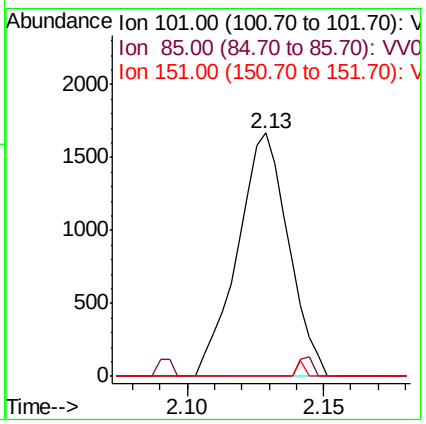


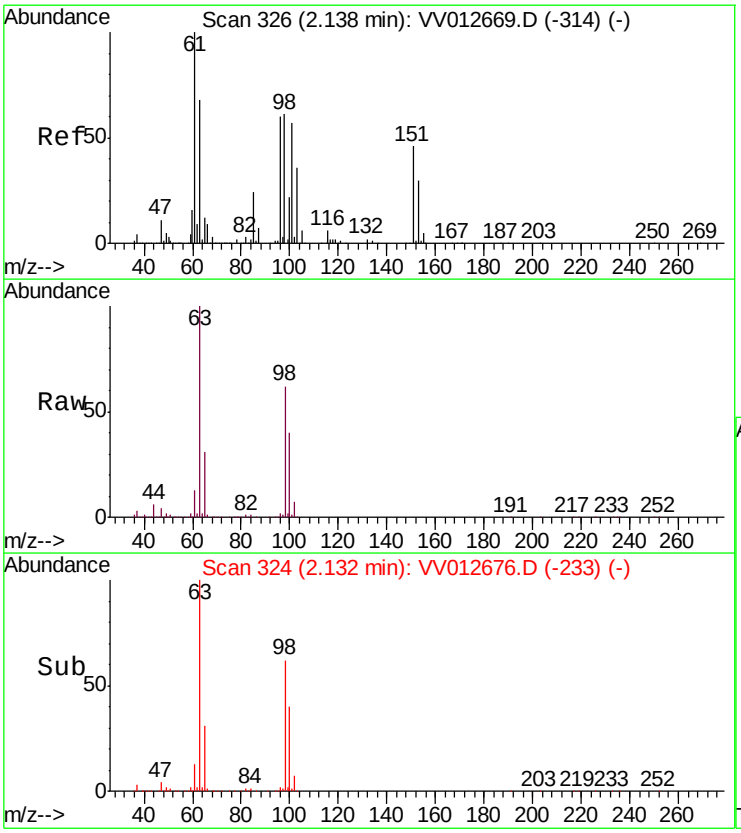
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.084 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Instrument : MSVOA_V
ClientSampleId : BFDC2DL

Tgt Ion:101 Resp: 2152

Ion	Ratio	Lower	Upper
101	100		
85	2.2	33.0	49.6#
151	1.0	65.8	98.8#

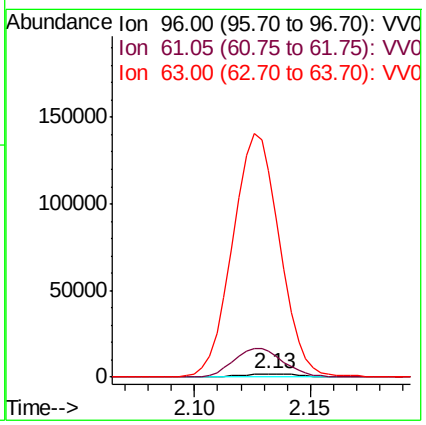


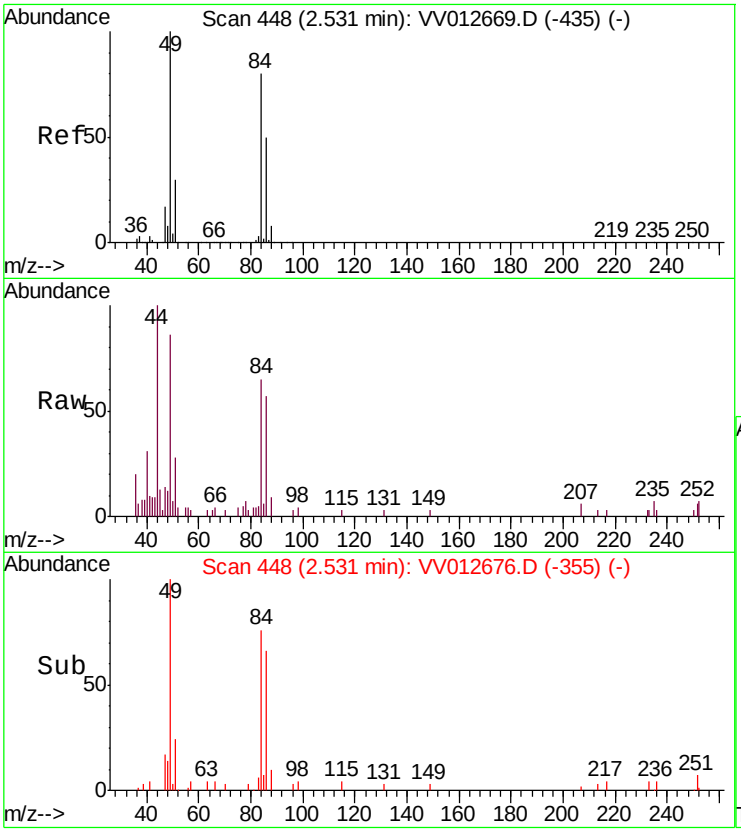


#12
1,1-Dichloroethene
Concen: 0.135 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Tgt Ion: 96 Resp: 3272

Ion	Ratio	Lower	Upper
96	100		
61	778.6	115.8	215.0#
63	6211.3	79.4	147.4#



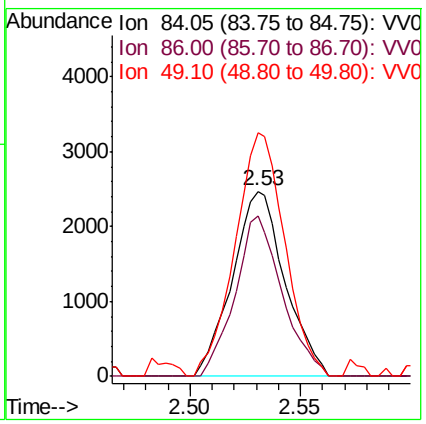


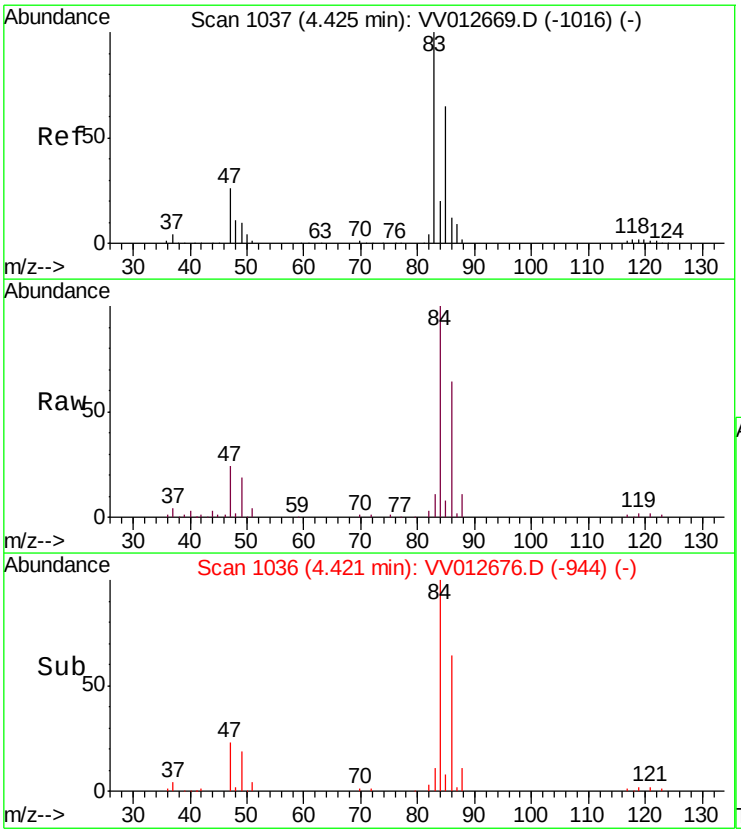
#16
Methylene chloride
Concen: 0.138 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
BFDC2DL

Tgt Ion: 84 Resp: 4082

Ion	Ratio	Lower	Upper
84	100		
86	86.8	46.1	85.7#
49	131.6	85.3	158.3

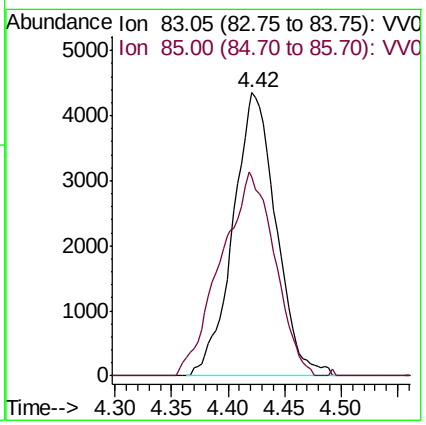


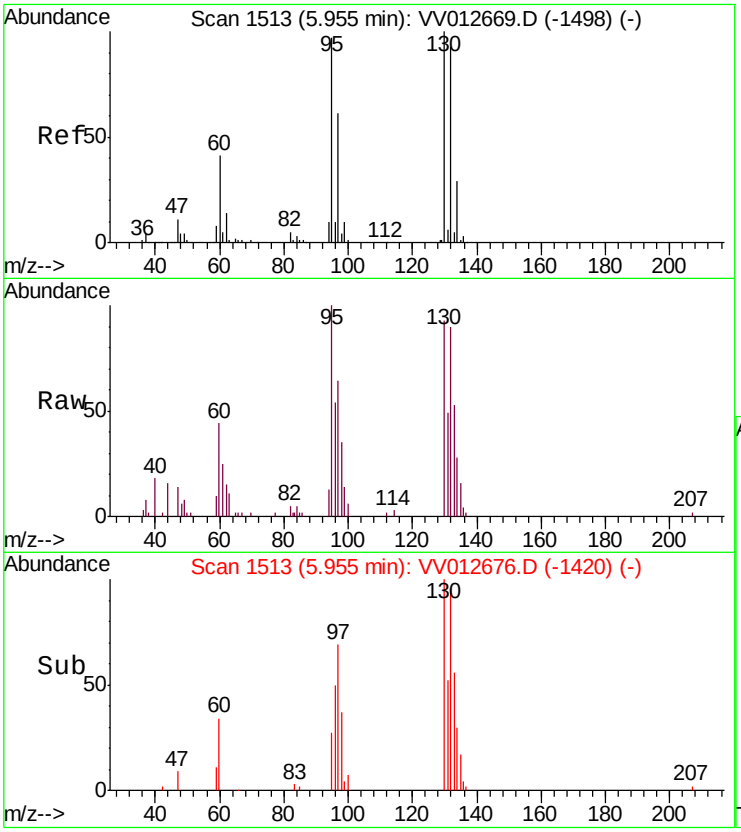


#25
Chloroform
Concen: 0.204 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Tgt Ion: 83 Resp: 11515

Ion	Ratio	Lower	Upper
83	100		
85	70.1	45.3	84.1



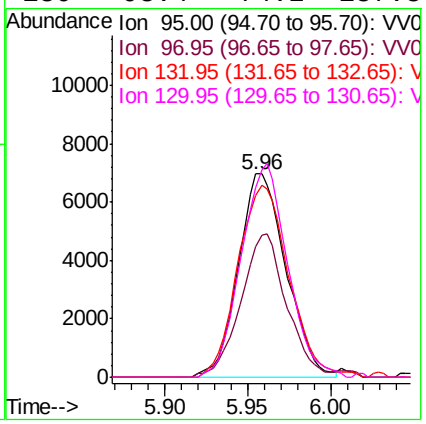


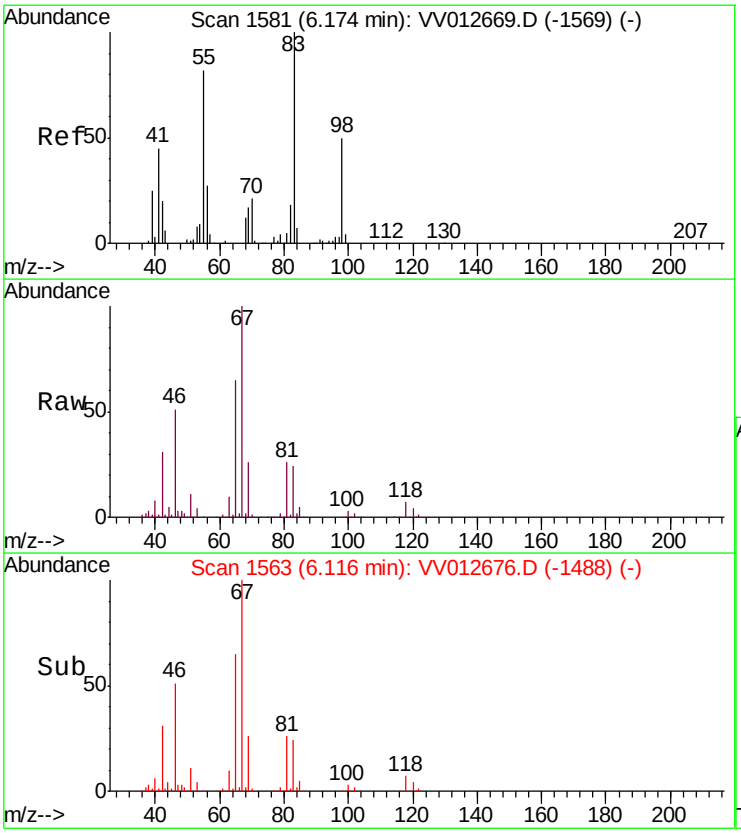
#34
Trichloroethene
Concen: 0.436 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
BFDC2DL

Tgt Ion: 95 Resp: 13907

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.4	84.2
132	89.7	70.2	130.4
130	93.4	74.2	137.8

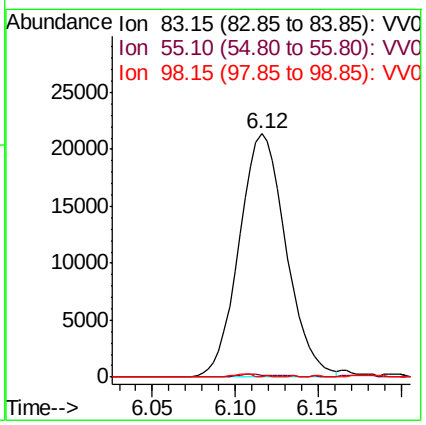


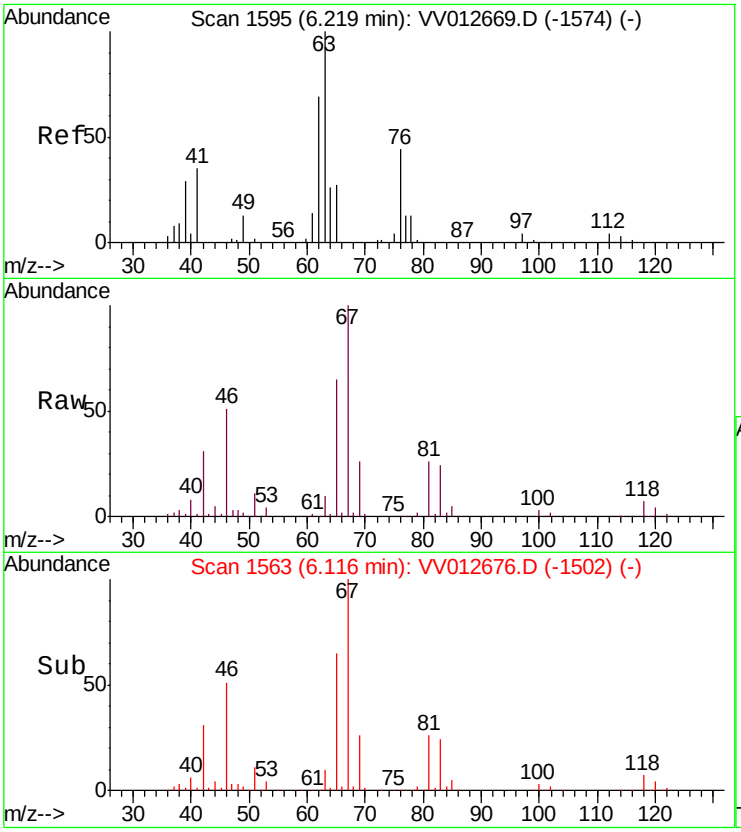


#35
Methylcyclohexane
Concen: 0.933 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Tgt Ion: 83 Resp: 42028

Ion	Ratio	Lower	Upper
83	100		
55	0.7	63.0	94.4#
98	0.5	39.8	59.8#



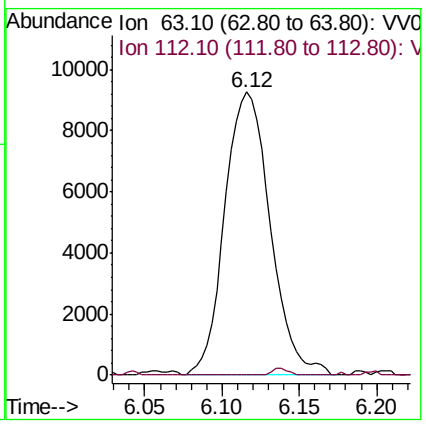


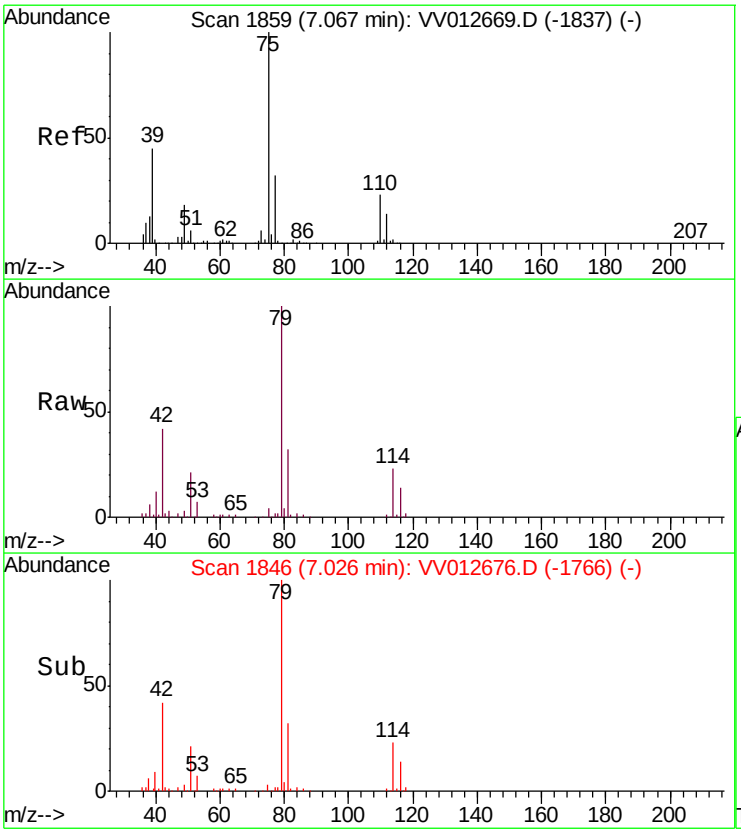
#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Instrument :
MSVOA_V
ClientSampleId :
BFDC2DL

Tgt Ion: 63 Resp: 18945

Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.8	5.6#

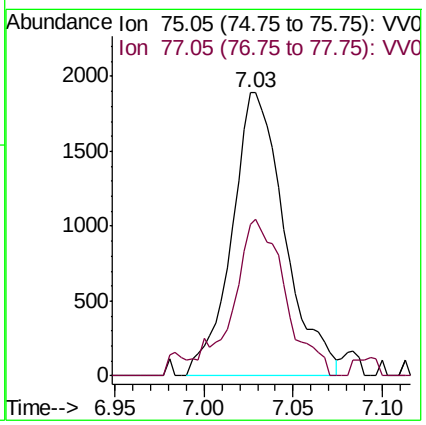


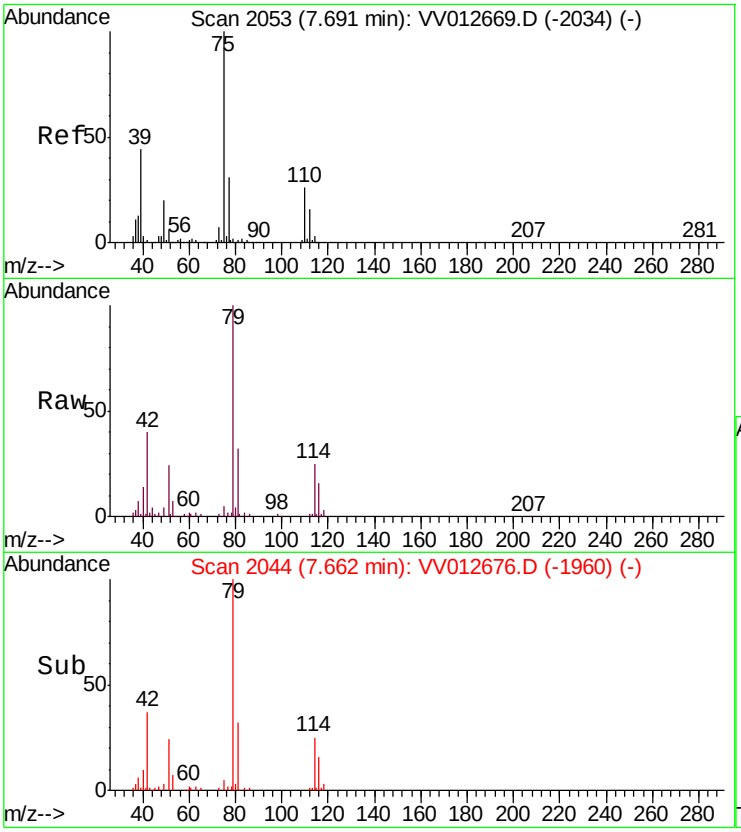


#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Tgt Ion: 75 Resp: 3923

Ion	Ratio	Lower	Upper
75	100		
77	53.7	22.3	41.3#



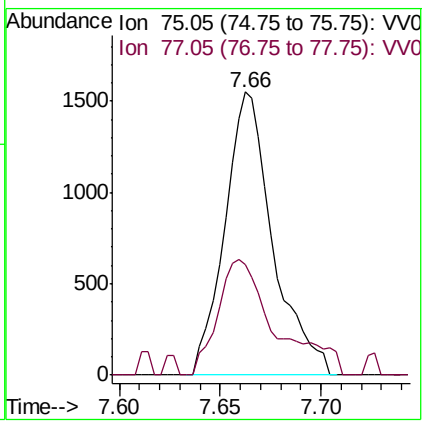


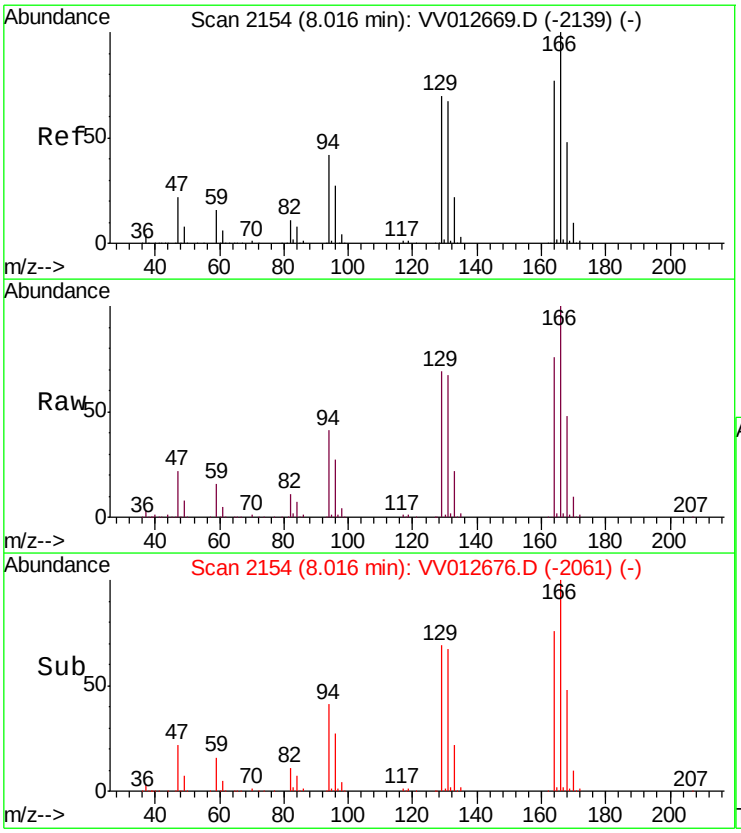
#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Instrument : MSVOA_V
ClientSampleId : BFDC2DL

Tgt Ion: 75 Resp: 2571

Ion	Ratio	Lower	Upper
75	100		
77	38.8	22.4	41.6

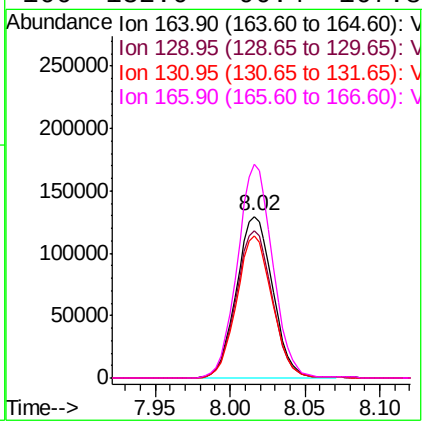


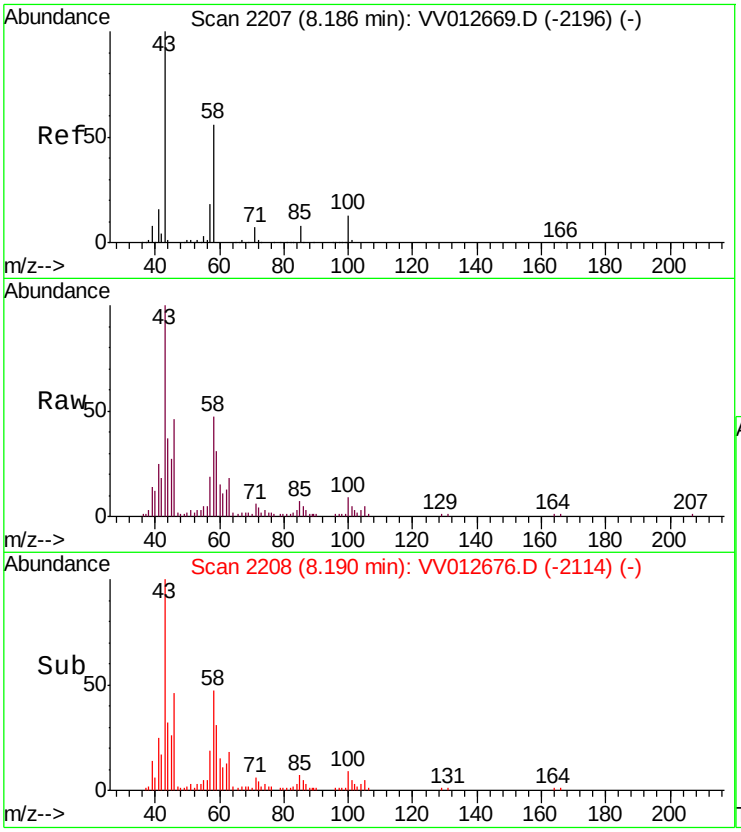


#47
Tetrachloroethene
Concen: 8.737 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Tgt Ion:164 Resp: 218545

Ion	Ratio	Lower	Upper
164	100		
129	91.0	61.9	114.9
131	88.0	59.7	110.9
166	132.0	90.4	167.8



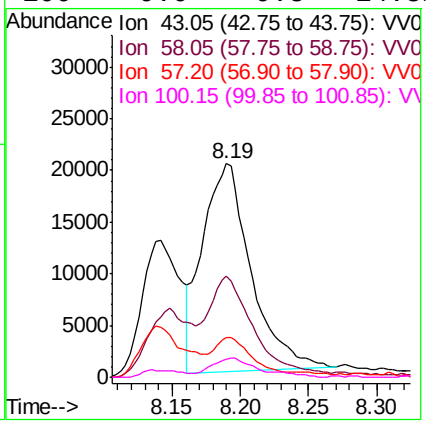


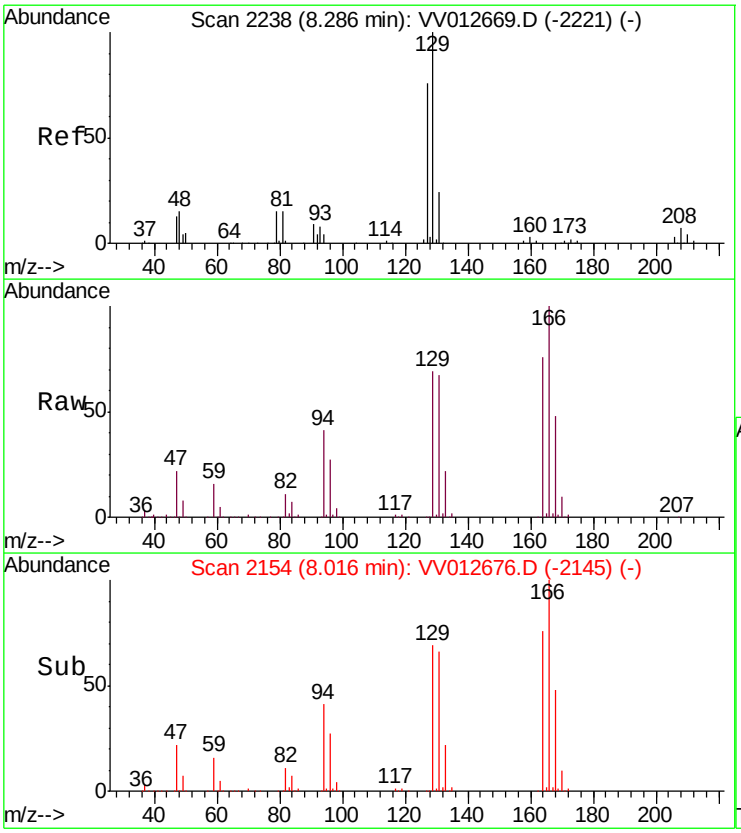
#48
2-Hexanone
Concen: 4.383 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Instrument : MSVOA_V
ClientSampleId : BFDC2DL

Tgt Ion: 43 Resp: 49937

Ion	Ratio	Lower	Upper
43	100		
58	42.9	44.8	67.2#
57	12.9	14.9	22.3#
100	9.0	9.8	14.8#





#49
Dibromochloromethane
Concen: 7.975 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012676.D
Acq: 11 Sep 2019 16:39

Tgt Ion:129 Resp: 189744

Ion	Ratio	Lower	Upper
129	100		
127	0.3	53.5	99.5#