Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122319\
Data File : VV014176.D
Acq On : 23 Dec 2019 22:43
Operator : SY/MD
Sample : K6404-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Dec 24 01:39:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	368276	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	176173	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	101288	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.58	69	90976	4.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.40%			
11) 1,1-Dichloroethene-d2	2.13	63	131267	2.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.60%#			
20) 2-Butanone-d5	3.93	46	196648	39.45	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.90%			
24) Chloroform-d	4.40	84	194299	3.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.40%			
26) 1,2-Dichloroethane-d4	5.08	65	96522	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
32) Benzene-d6	5.10	84	398776	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.40%			
36) 1,2-Dichloropropane-d6	6.11	67	120517	3.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.00%			
41) Toluene-d8	7.36	98	337149	3.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.60%			
43) trans-1,3-Dichloropropene-	7.66	79	37689	3.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 63.80%			
46) 2-Hexanone-d5	8.13	63	151277	36.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.50%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	81814	3.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 73.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	139604	4.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1605	0.074	ug/L #	23
13) Acetone	2.19	43	19611	4.830	ug/L	98
14) Carbon disulfide	2.32	76	159154	2.255	ug/L	97
27) 1,2-Dichloroethane	5.19	62	1164	0.043	ug/L #	76
35) Methylcyclohexane	6.12	83	31558	0.772	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	13021	0.504	ug/L #	86
42) Toluene	7.43	91	12765	0.117	ug/L	97
44) trans-1,3-Dichloropropene	7.66	75	1949	0.068	ug/L	85
48) 2-Hexanone	8.13	43	23841	2.320	ug/L #	72
69) Naphthalene	13.55	128	4492	0.099	ug/L	96

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

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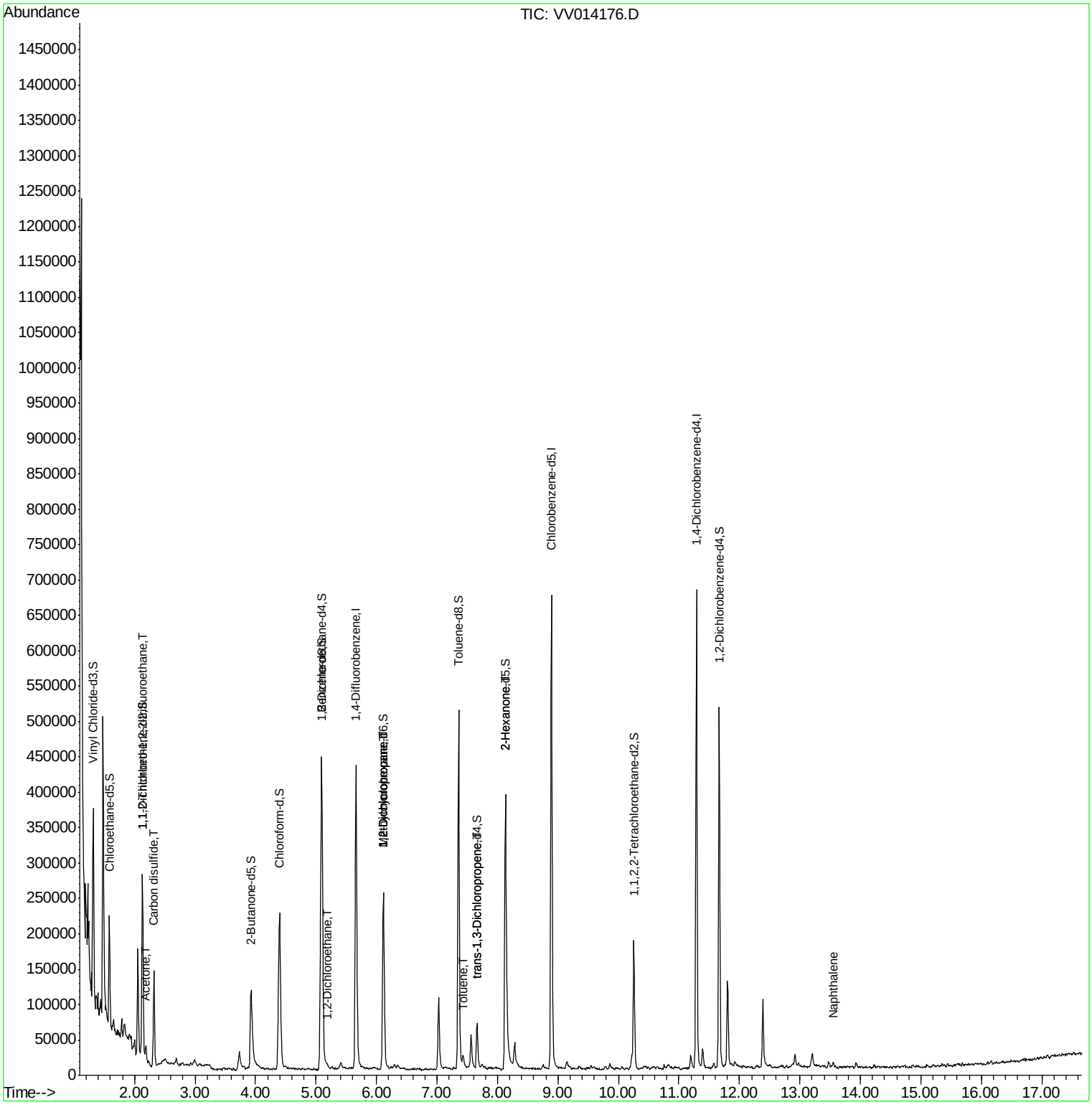
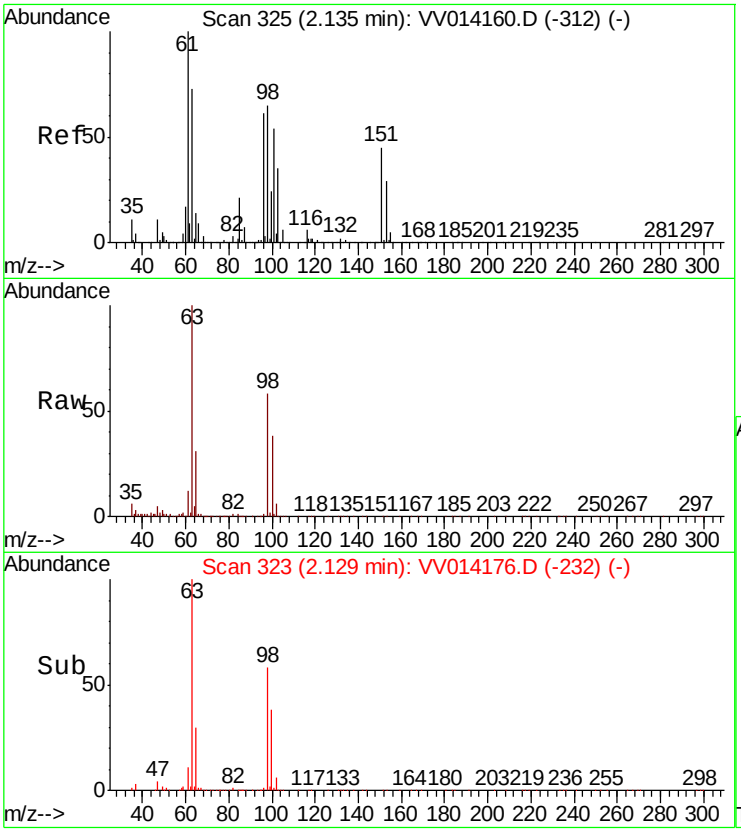
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 24 01:39:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration



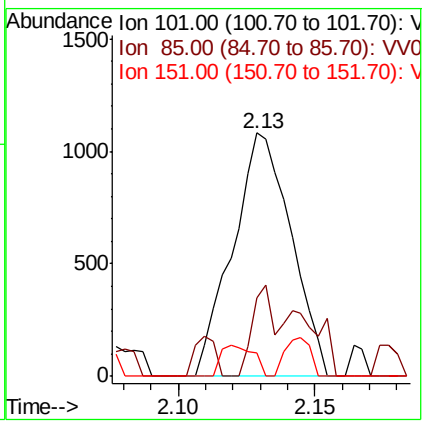


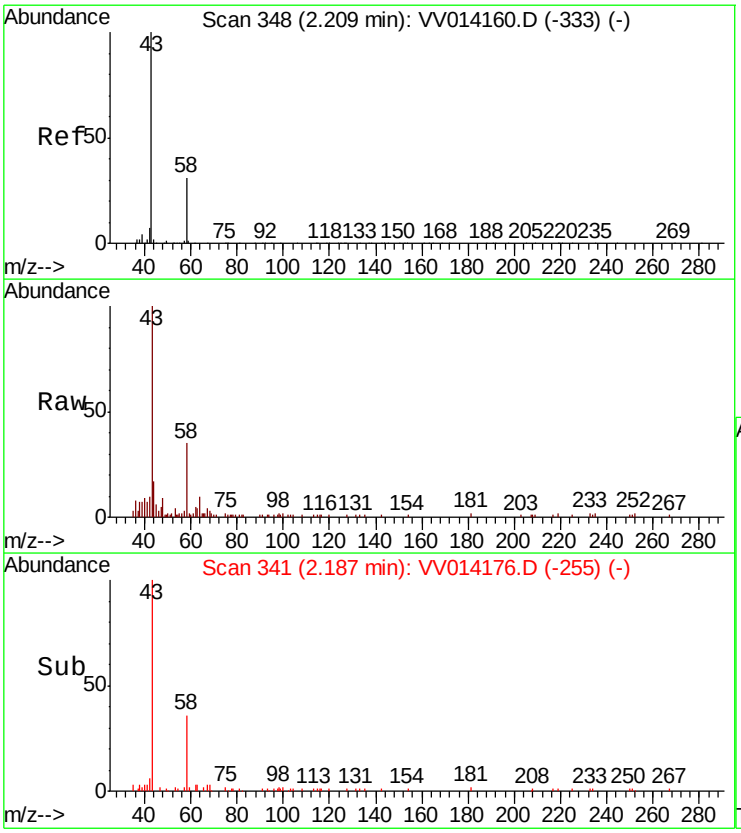
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1605

Ion	Ratio	Lower	Upper
101	100		
85	15.8	34.7	52.1#
151	0.0	69.1	103.7#

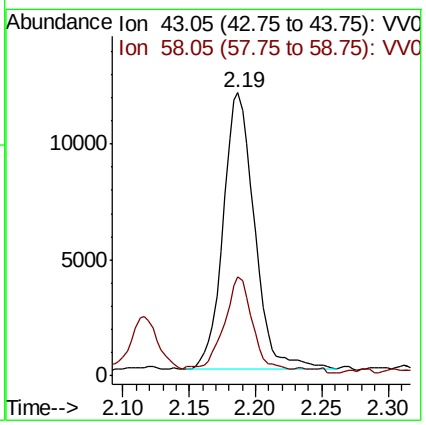


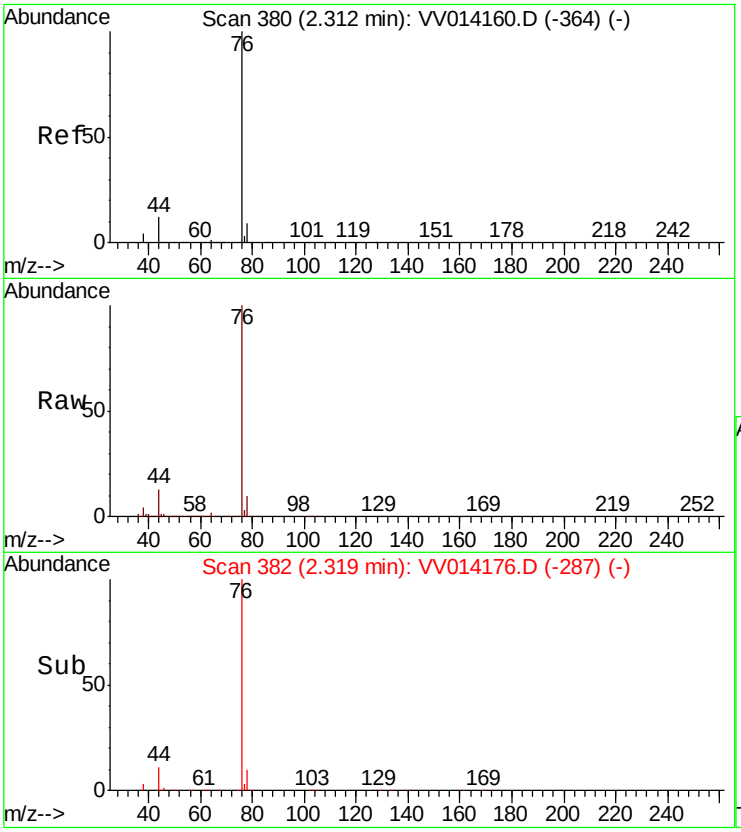


#13
Acetone
Concen: 4.830 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Tgt Ion: 43 Resp: 19611

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	58.8



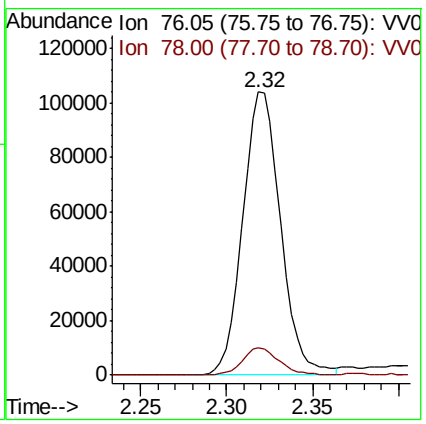


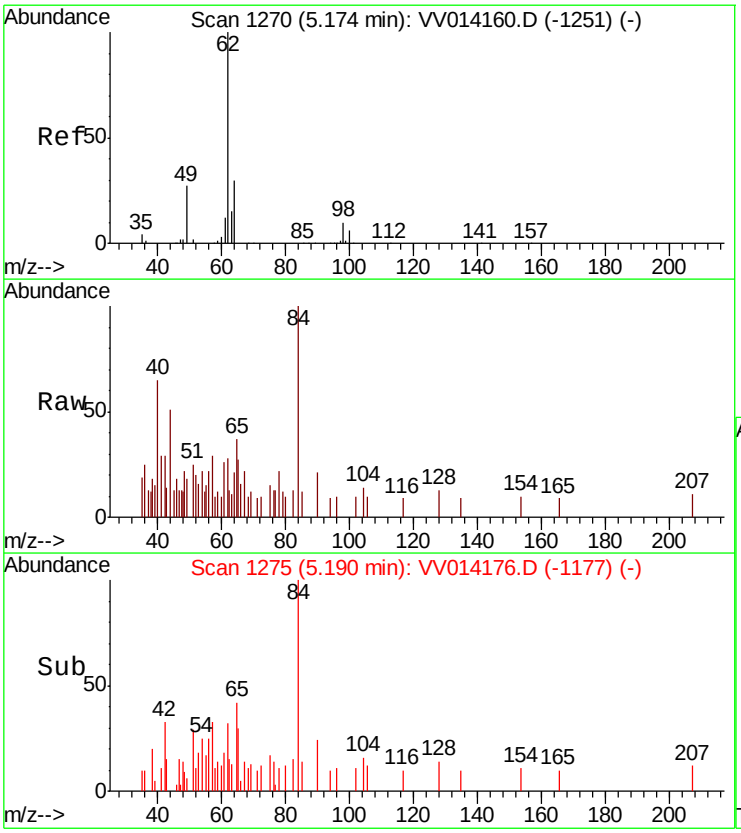
#14
Carbon disulfide
Concen: 2.255 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 159154

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.0	10.6

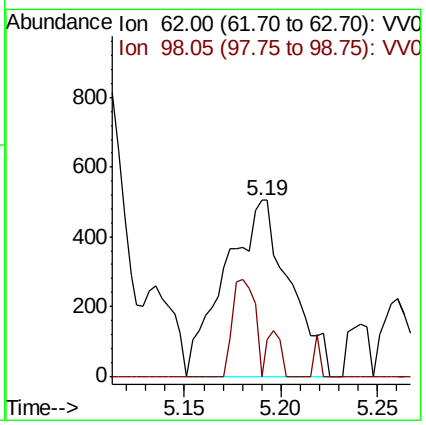


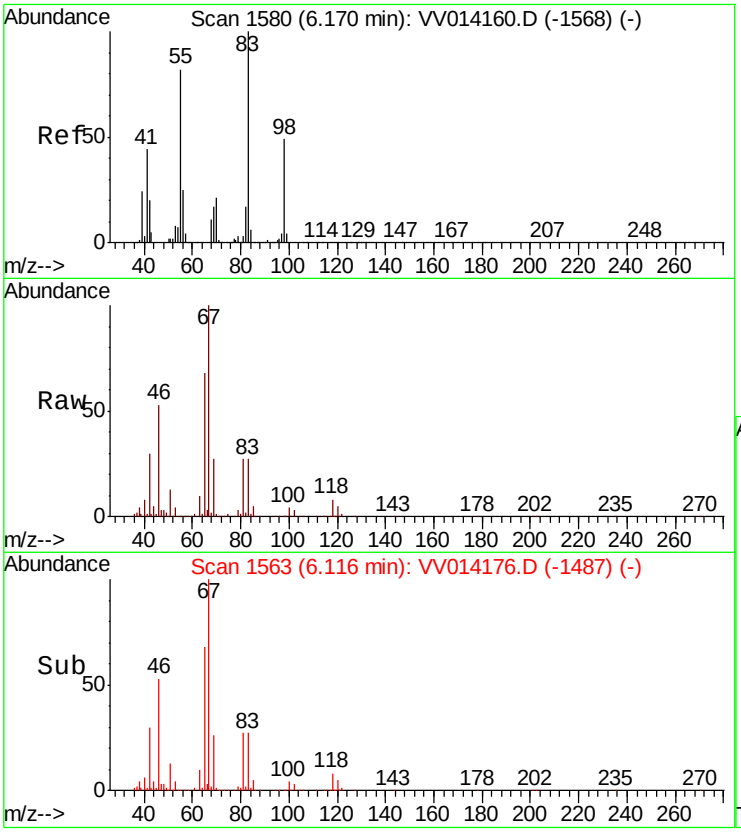


#27
1,2-Dichloroethane
Concen: 0.043 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.02 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Tgt Ion: 62 Resp: 1164

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#



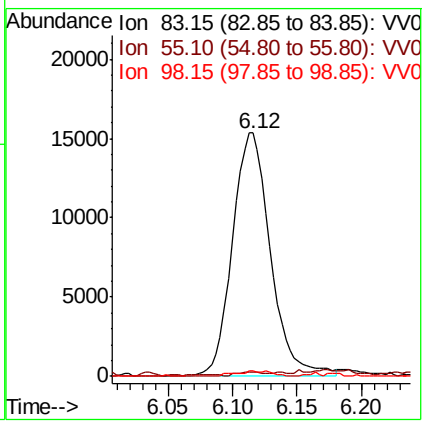


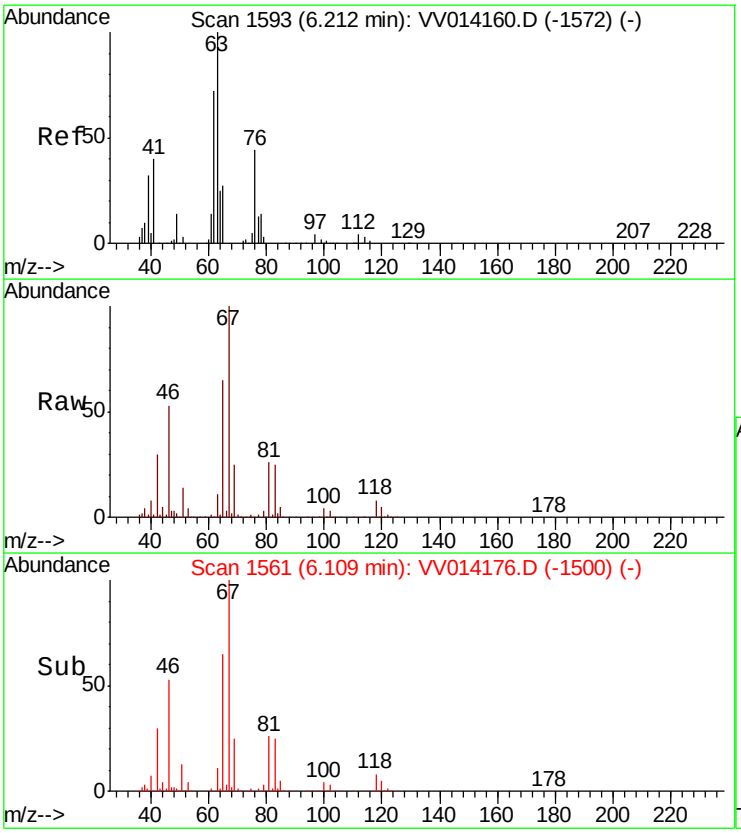
#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 31558

Ion	Ratio	Lower	Upper
83	100		
55	1.3	65.3	97.9#
98	0.3	39.2	58.8#

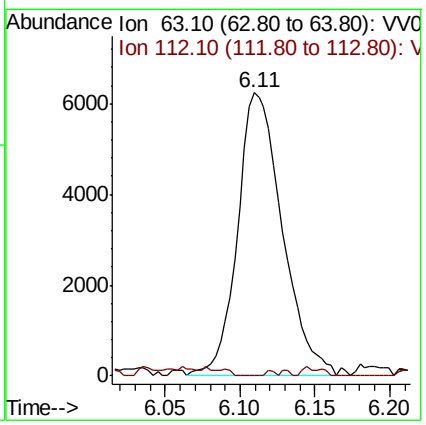


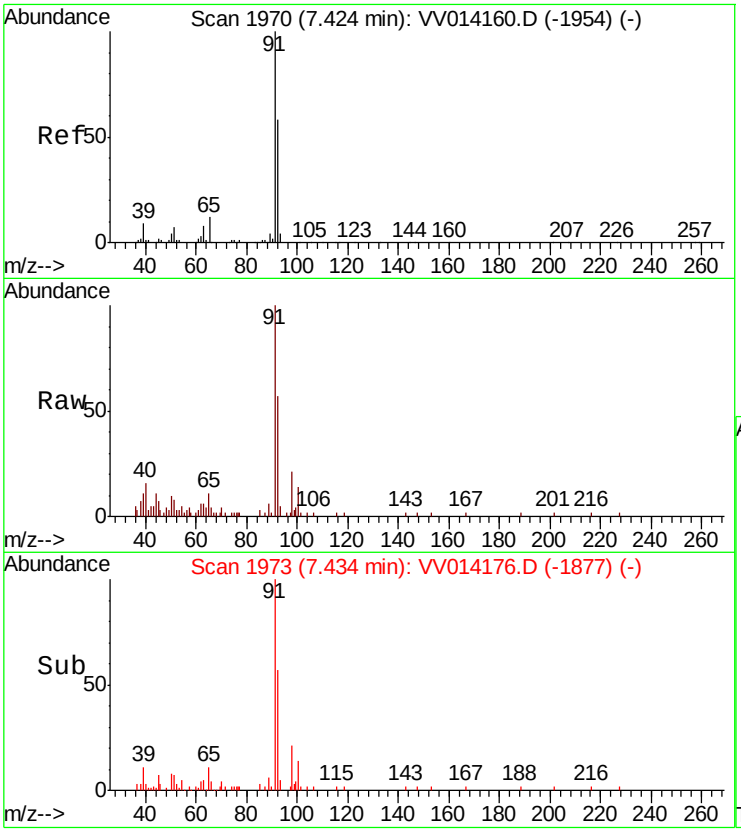


#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.10 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Tgt Ion: 63 Resp: 13021

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.0	6.0#



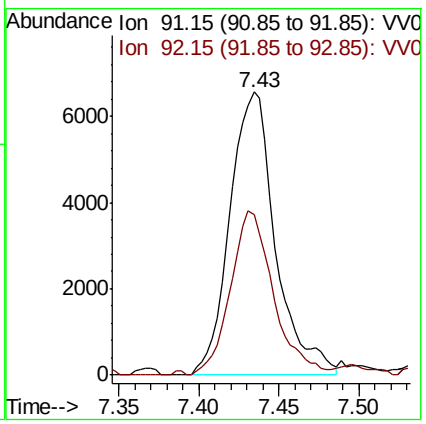


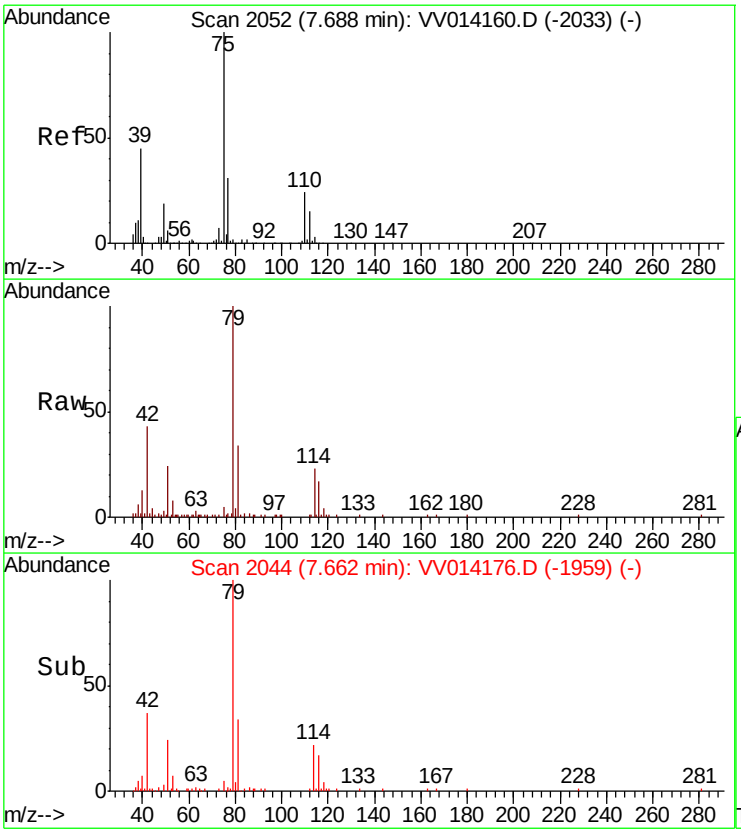
#42
Toluene
Concen: 0.117 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 12765

Ion	Ratio	Lower	Upper
91	100		
92	56.8	41.2	76.6

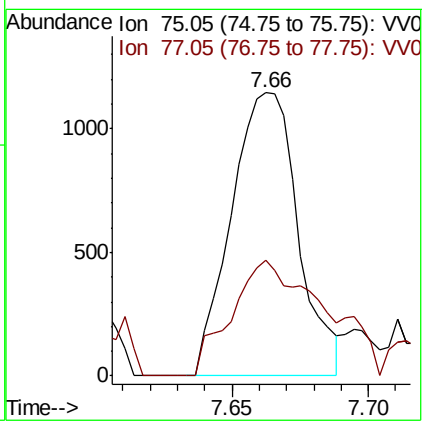


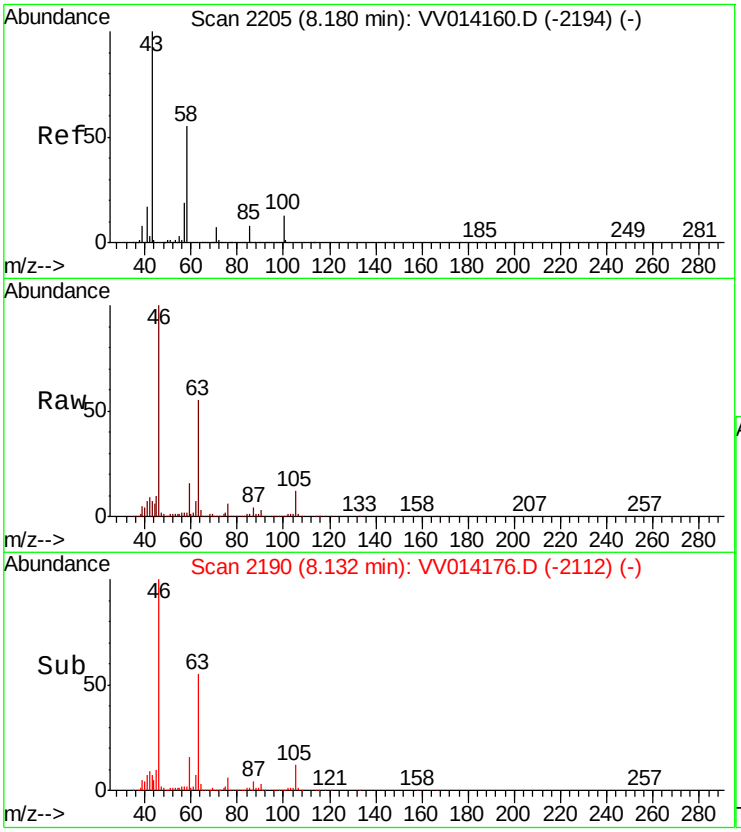


#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Tgt Ion: 75 Resp: 1949

Ion	Ratio	Lower	Upper
75	100		
77	40.8	22.8	42.4



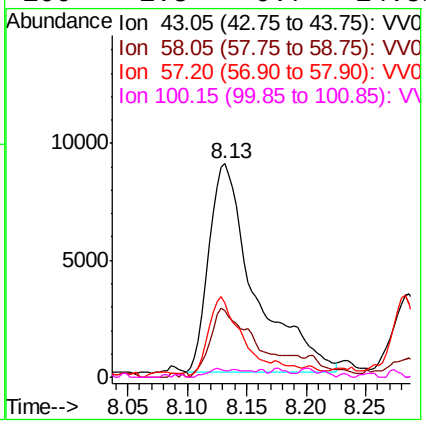


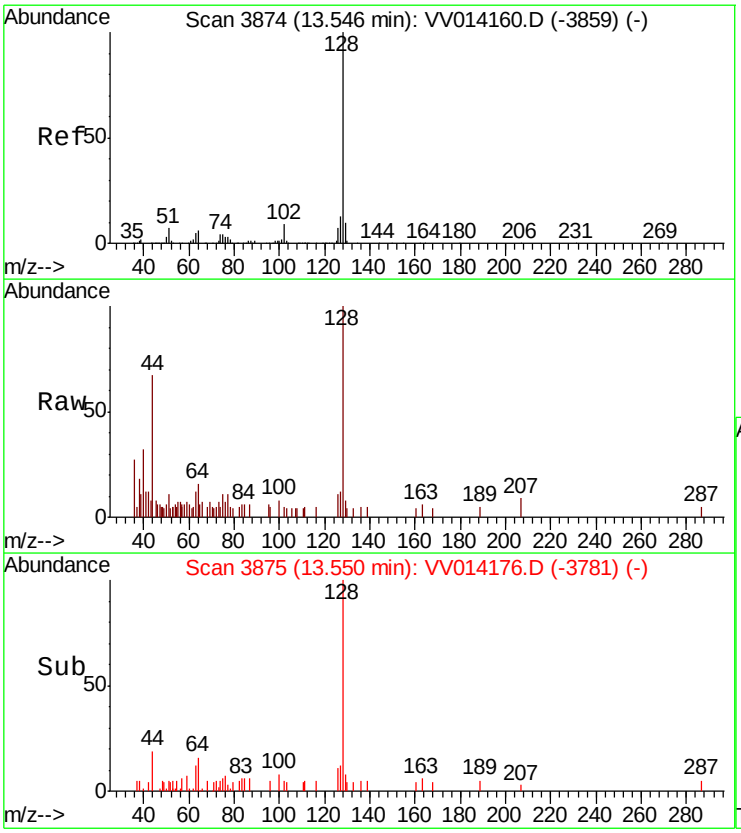
#48
2-Hexanone
Concen: 2.320 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 23841

Ion	Ratio	Lower	Upper
43	100		
58	31.7	43.2	64.8#
57	28.1	14.8	22.2#
100	1.8	9.7	14.5#





#69
Naphthalene
Concen: 0.099 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV014176.D
Acq: 23 Dec 2019 22:43

Tgt Ion:128 Resp: 4492

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.6	12.8
127	11.3	10.8	16.2