Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013816.D
Acq On : 27 Nov 2019 12:02
Operator : SY/MD
Sample : K5993-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 28 02:56:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338679	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	331790	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142418	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	78388	3.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.80%			
7) Chloroethane-d5	1.58	69	78400	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.13	63	132596	3.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.20%			
20) 2-Butanone-d5	3.96	46	217696	49.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.92%			
24) Chloroform-d	4.40	84	166835	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.00%			
26) 1,2-Dichloroethane-d4	5.08	65	100881	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.10	84	371279	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	6.11	67	117631	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.36	98	295515	3.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.60%			
43) trans-1,3-Dichloropropene-	7.66	79	40488	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.14	63	170197	46.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.94%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87829	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	127807	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1712	0.092	ug/L #	32
12) 1,1-Dichloroethene	2.14	96	40326	2.477	ug/L	94
21) 2-Butanone	4.13	43	889456	193.102	ug/L #	51
25) Chloroform	4.42	83	34731	0.892	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	36416	1.073	ug/L	98
31) Carbon tetrachloride	4.66	117	4995	0.167	ug/L	100
35) Methylcyclohexane	6.12	83	29784	0.994	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	13434	0.642	ug/L #	84
44) trans-1,3-Dichloropropene	7.66	75	1897	0.082	ug/L	93
47) Tetrachloroethene	8.02	164	38602	1.980	ug/L	93
48) 2-Hexanone	8.19	43	5902	0.677	ug/L #	70
49) Dibromochloromethane	8.02	129	33612	1.758	ug/L #	10

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

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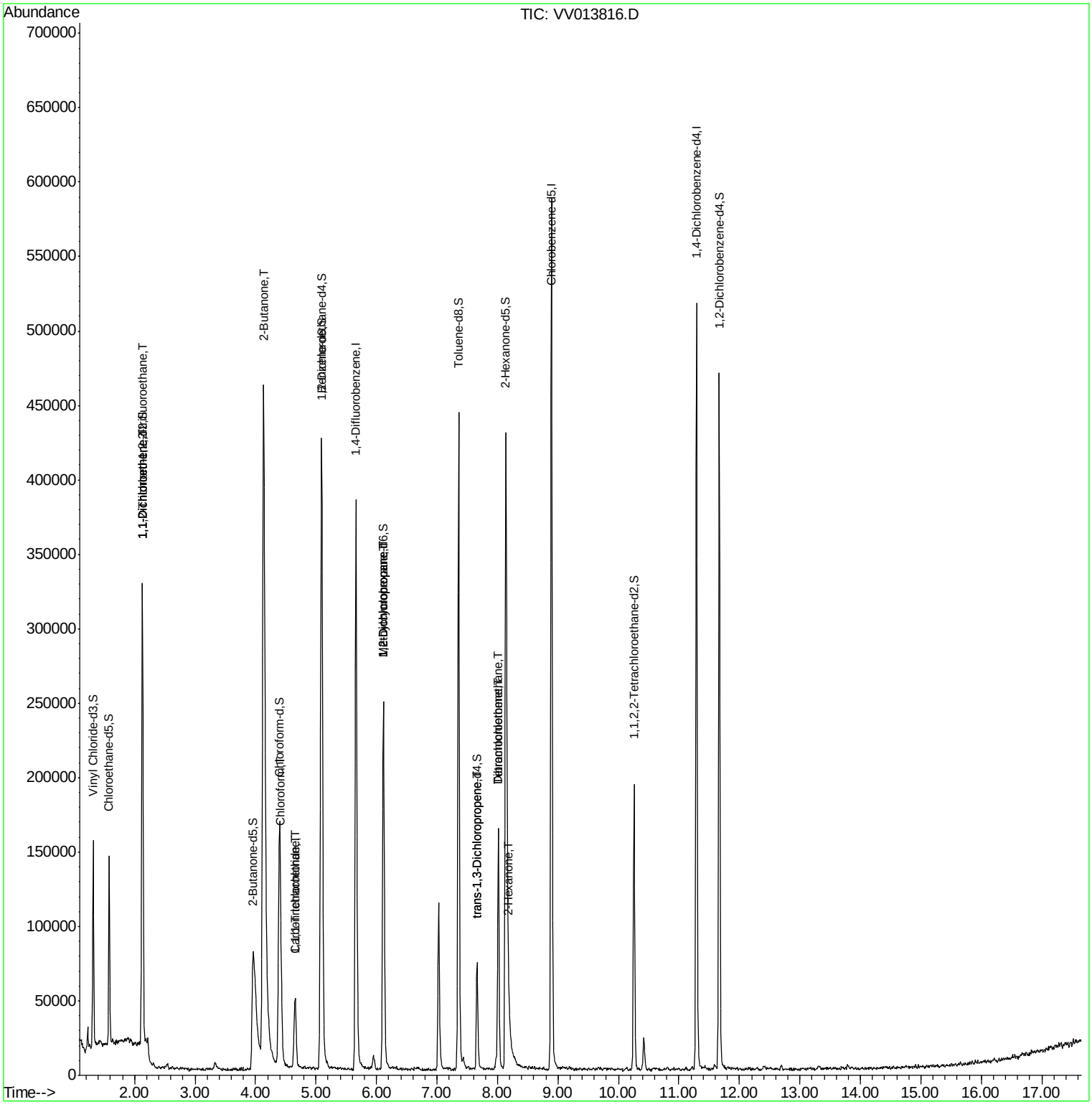
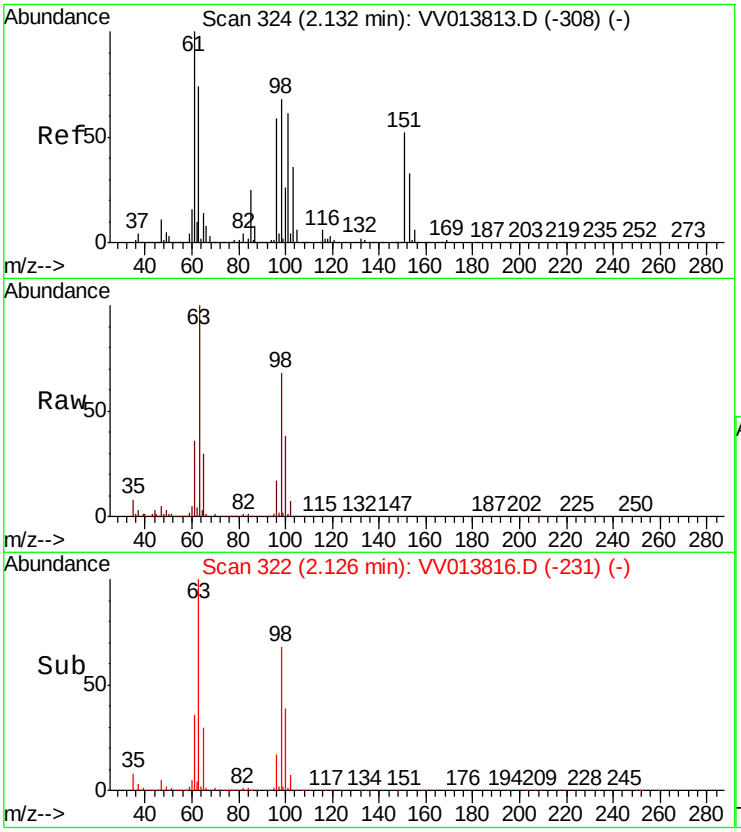


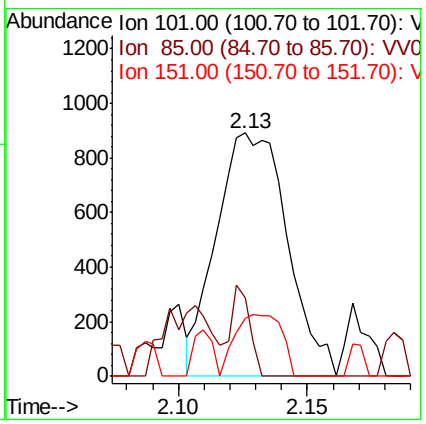


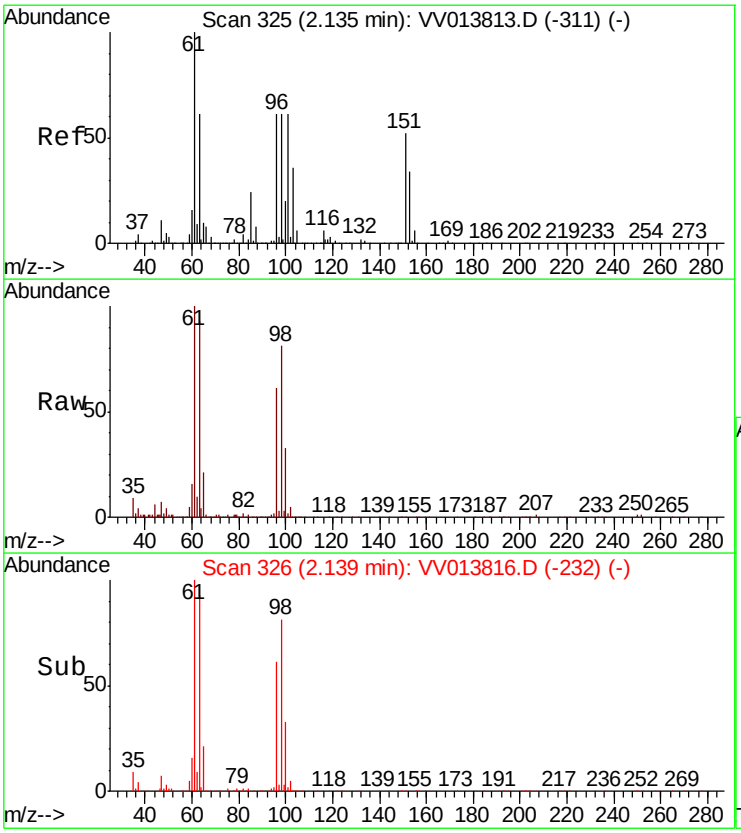
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.092 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1712

Ion	Ratio	Lower	Upper
101	100		
85	9.9	33.4	50.0#
151	16.6	69.4	104.0#

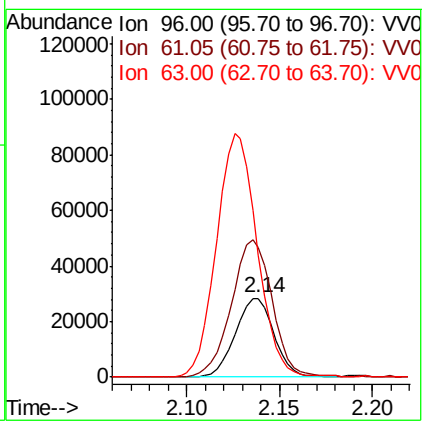


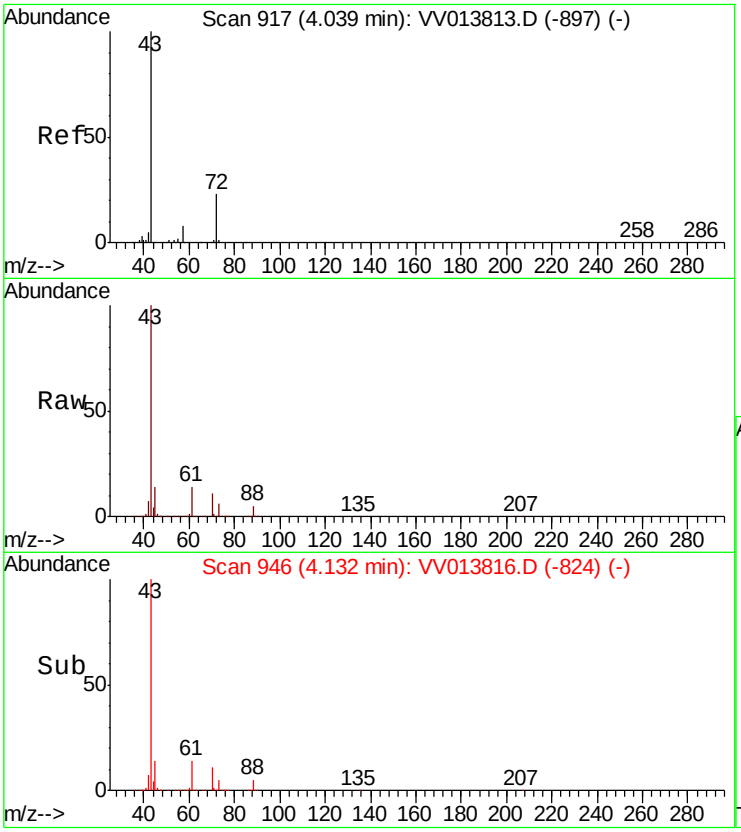


#12
1,1-Dichloroethene
Concen: 2.477 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Tgt Ion: 96 Resp: 40326

Ion	Ratio	Lower	Upper
96	100		
61	164.4	116.3	215.9
63	153.6	96.7	179.7



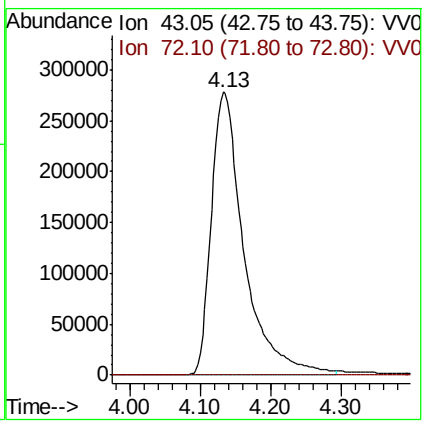


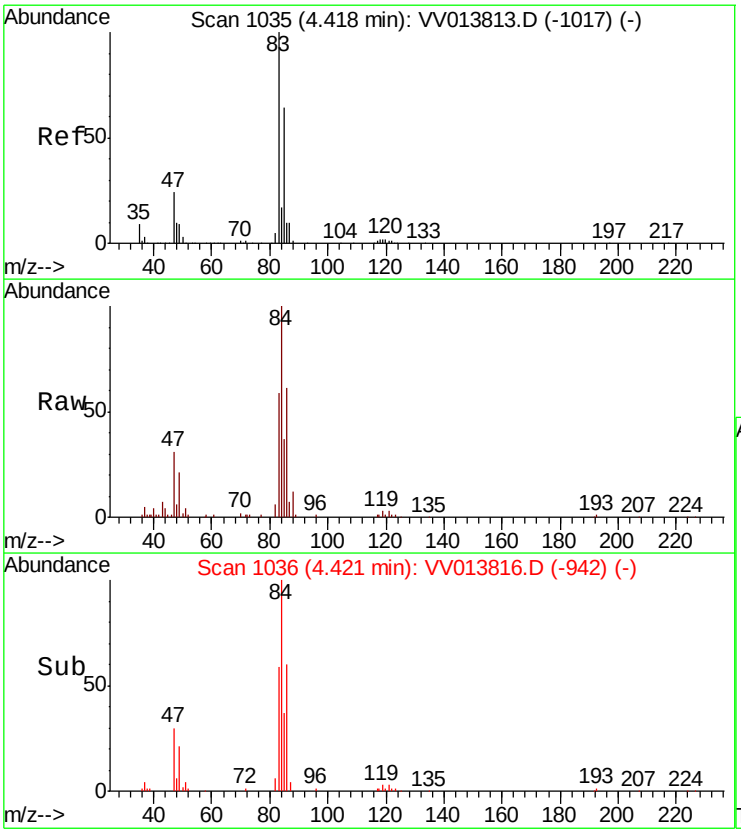
#21
2-Butanone
Concen: 193.102 ug/L
RT: 4.13 min Scan# 946
Delta R.T. 0.09 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 889456

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.3	36.9#

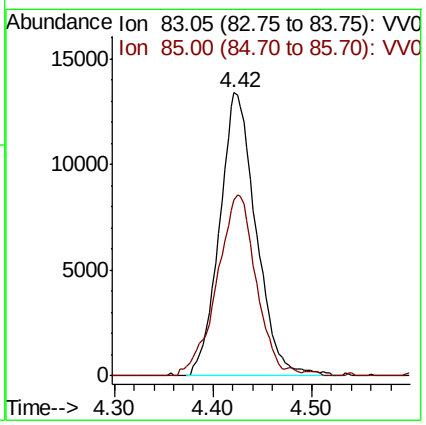


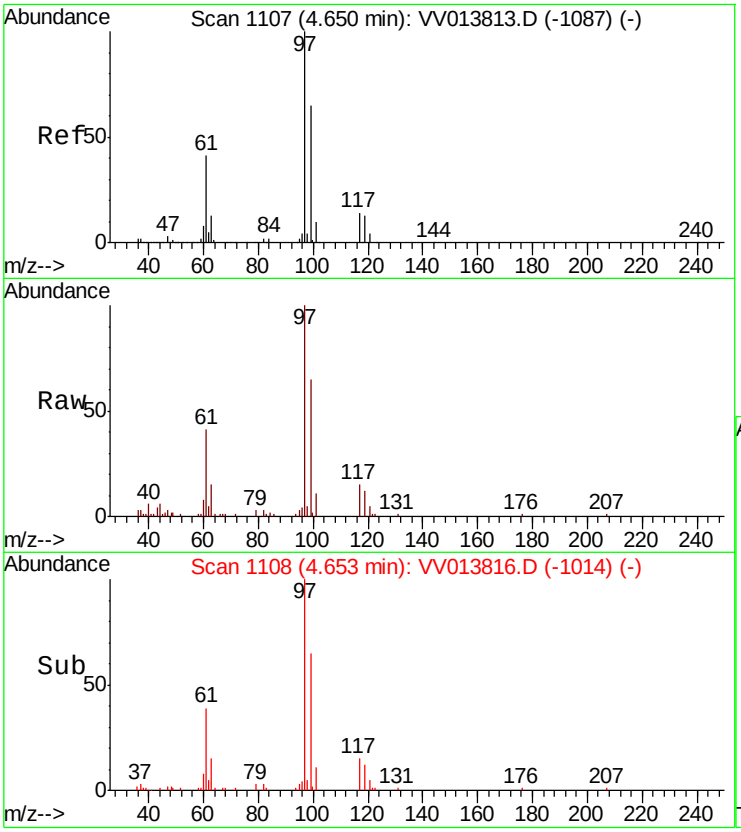


#25
Chloroform
Concen: 0.892 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Tgt Ion: 83 Resp: 34731

Ion	Ratio	Lower	Upper
83	100		
85	62.3	45.1	83.7



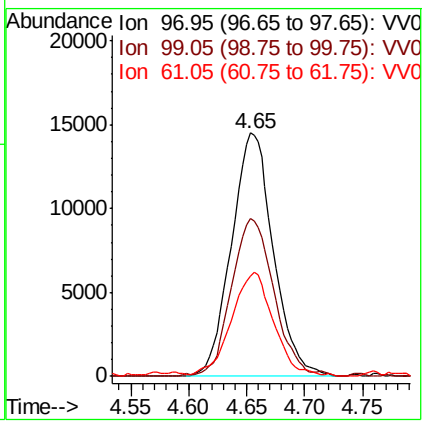


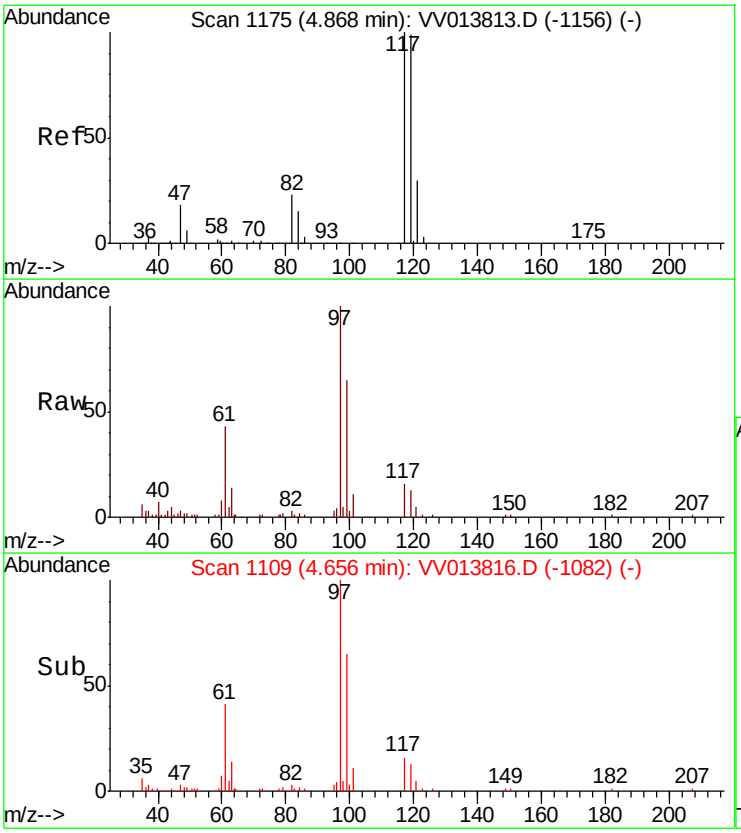
#29
1,1,1-Trichloroethane
Concen: 1.073 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 36416

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.7	77.5
61	41.0	35.0	52.6

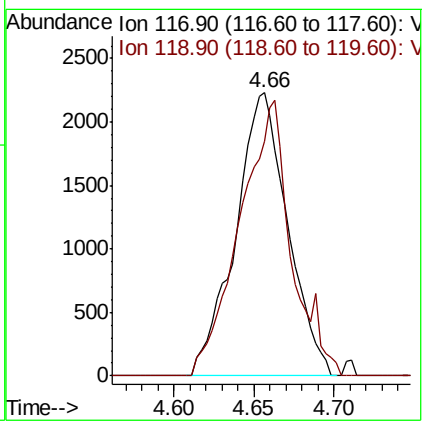


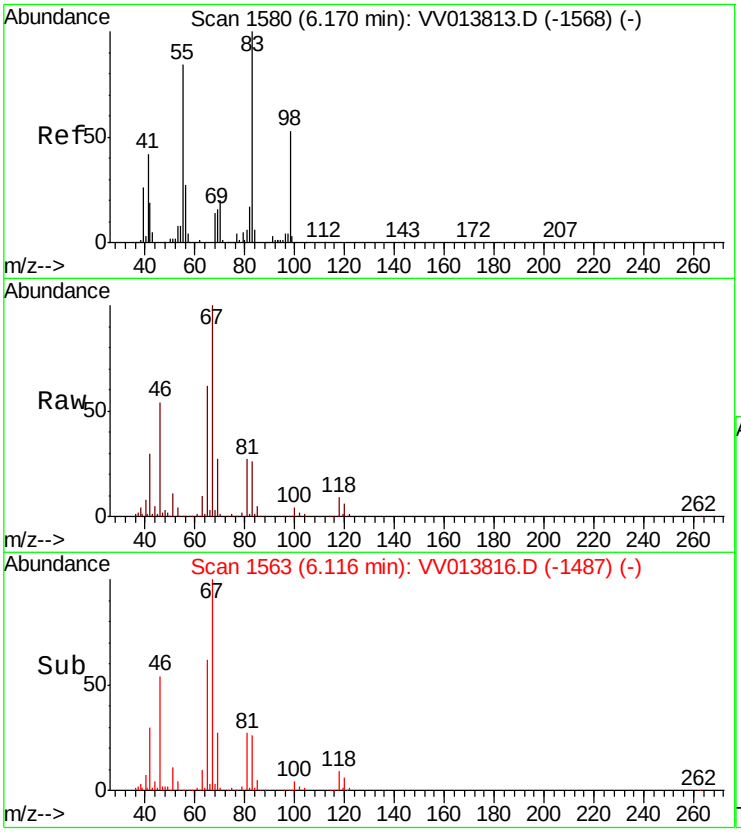


#31
Carbon tetrachloride
Concen: 0.167 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.21 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Tgt Ion:117 Resp: 4995

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.8	115.2



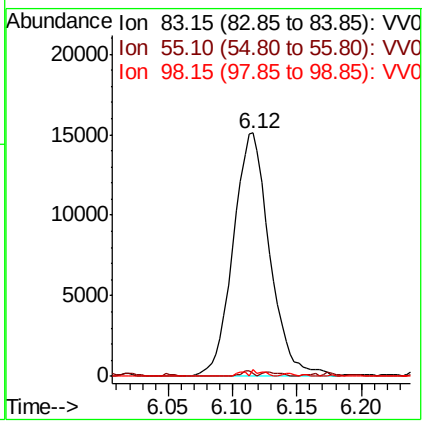


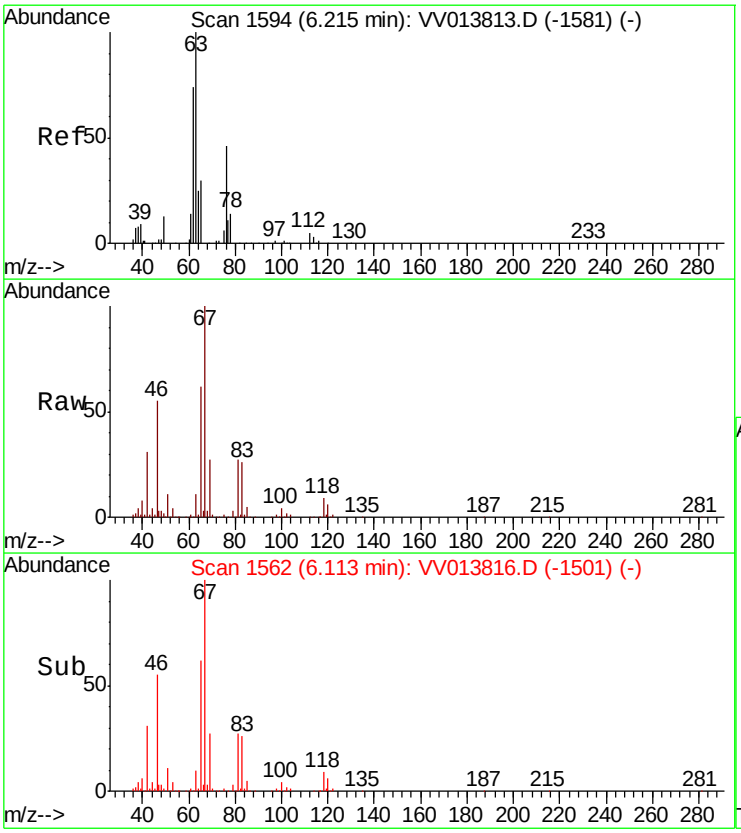
#35
Methylcyclohexane
Concen: 0.994 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 29784

Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.3	90.5#
98	0.8	38.1	57.1#

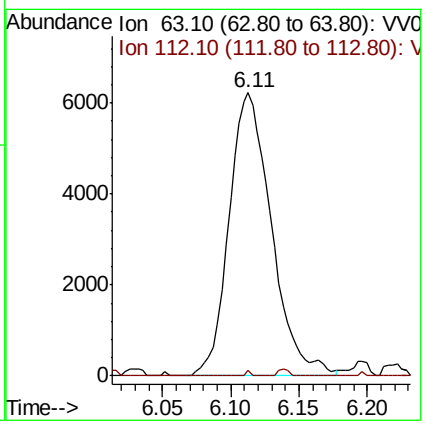


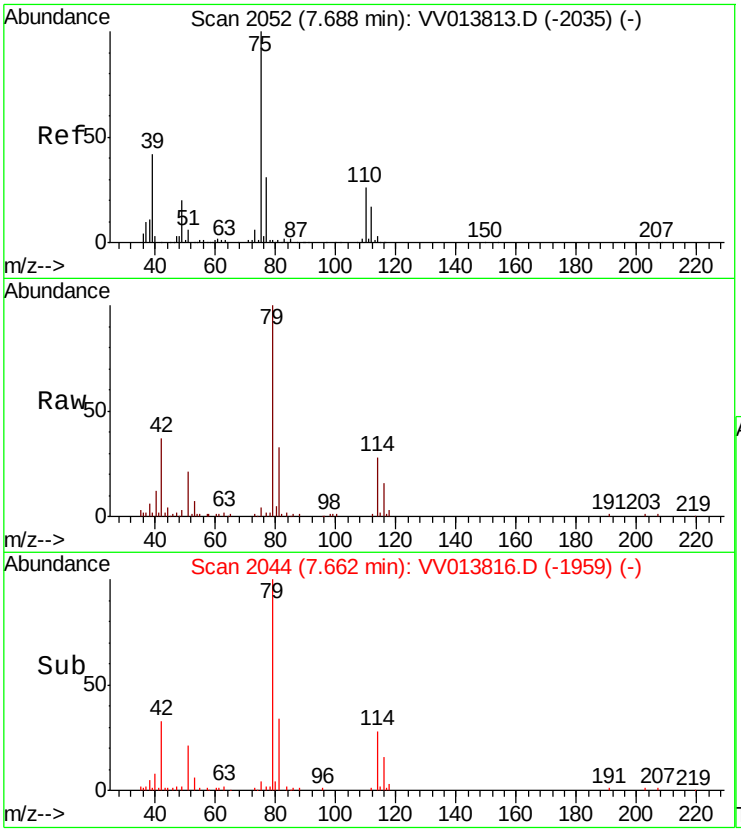


#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Tgt Ion: 63 Resp: 13434

Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.4	6.6#



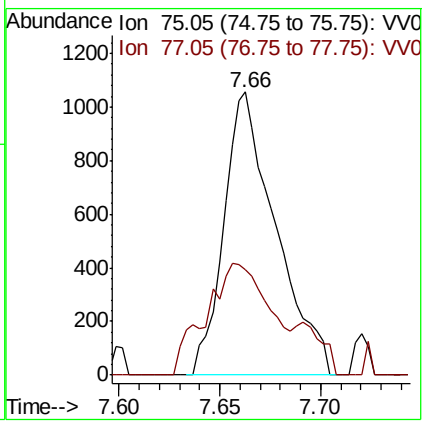


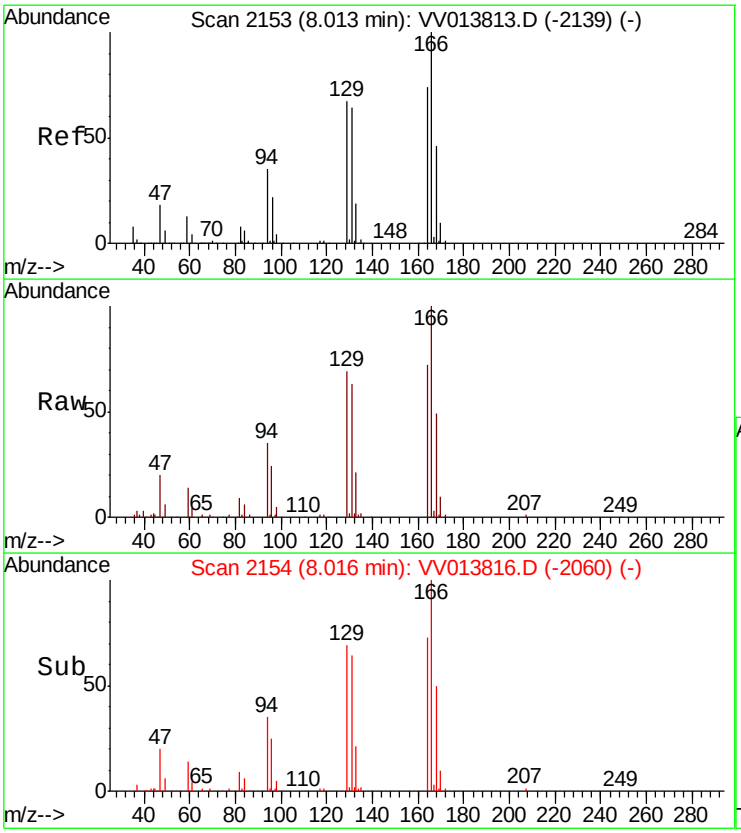
#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1897

Ion	Ratio	Lower	Upper
75	100		
77	37.1	23.0	42.8

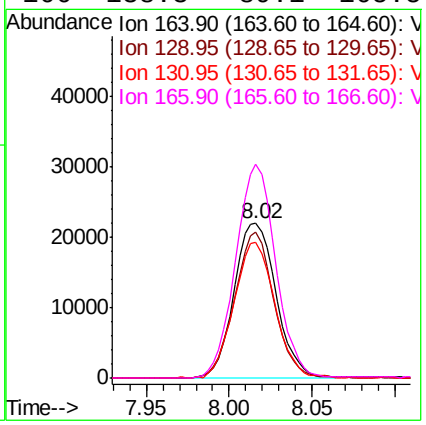


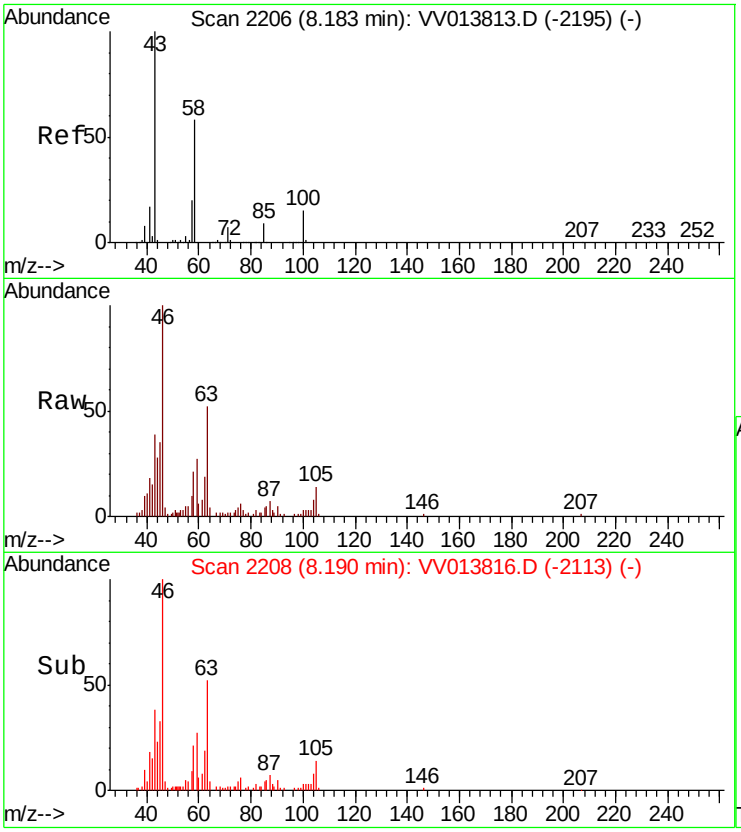


#47
Tetrachloroethene
Concen: 1.980 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Tgt Ion:164 Resp: 38602

Ion	Ratio	Lower	Upper
164	100		
129	94.8	60.3	112.1
131	87.6	59.9	111.3
166	138.3	89.1	165.5



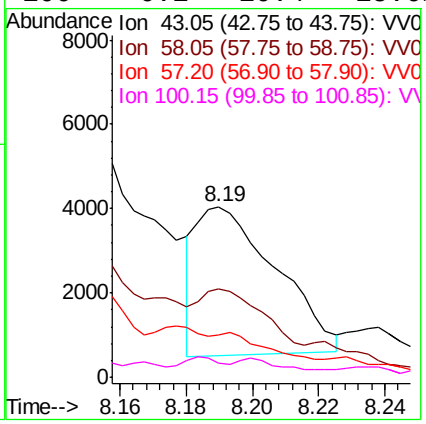


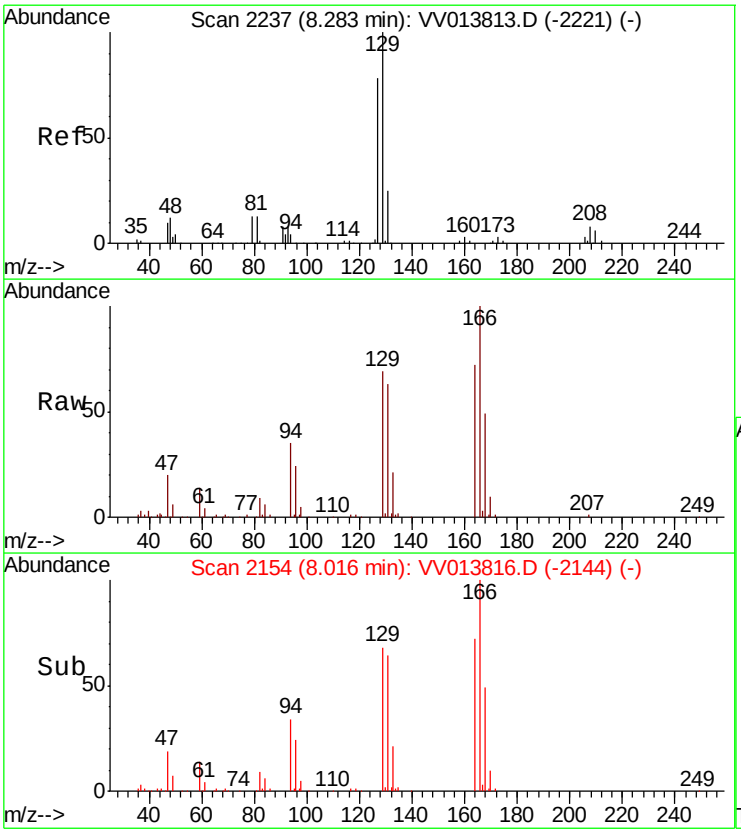
#48
2-Hexanone
Concen: 0.677 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5902

Ion	Ratio	Lower	Upper
43	100		
58	33.3	43.2	64.8#
57	0.0	15.4	23.2#
100	6.1	10.4	15.6#





#49
Dibromochloromethane
Concen: 1.758 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013816.D
Acq: 27 Nov 2019 12:02

Tgt Ion:129 Resp: 33612

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#