Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (Not Reviewed)

Data File : VV013326.D
Acq On : 24 Oct 2019 22:32
Operator : SY/MD
Sample : K5462-16
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K14

Quant Time: Oct 25 04:47:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	433539	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	465168	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241894	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	149346	4.67	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%				
7) Chloroethane-d5	1.59	69	128984	4.89	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%				
11) 1,1-Dichloroethene-d2	2.13	63	185869	3.27	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%				
20) 2-Butanone-d5	3.95	46	387049	63.06	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.12%				
24) Chloroform-d	4.40	84	326613	4.35	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%				
26) 1,2-Dichloroethane-d4	5.08	65	155860	4.47	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%				
32) Benzene-d6	5.10	84	670984	4.45	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%				
36) 1,2-Dichloropropane-d6	6.12	67	205991	4.55	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%				
41) Toluene-d8	7.36	98	566232	4.06	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.20%				
43) trans-1,3-Dichloropropene-	7.66	79	60121	3.50	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.00%				
46) 2-Hexanone-d5	8.14	63	198534	32.49	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 64.98%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	138192	4.22	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.40%				
64) 1,2-Dichlorobenzene-d4	11.67	152	230536	4.90	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%				
Target Compounds							Qvalue
5) Vinyl chloride	1.32	62	145249	3.472	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2608	0.073	ug/L	#	23
12) 1,1-Dichloroethene	2.14	96	6383	0.187	ug/L	#	1
17) Methyl tert-butyl Ether	2.80	73	998979	12.655	ug/L		97
18) trans-1,2-Dichloroethene	2.79	96	669647	16.665	ug/L		95
19) 1,1-Dichloroethane	3.23	63	104312	1.597	ug/L		97
22) cis-1,2-Dichloroethene	3.96	96	2644752	61.493	ug/L	#	91
25) Chloroform	4.43	83	10472	0.123	ug/L		90
33) Benzene	5.15	78	47664	0.268	ug/L		100
34) Trichloroethene	5.96	95	2009135	42.154	ug/L		97
35) Methylcyclohexane	6.12	83	51380	0.701	ug/L	#	18
47) Tetrachloroethene	8.02	164	44317	1.024	ug/L		98
48) 2-Hexanone	8.18	43	17141	1.089	ug/L	#	40
49) Dibromochloromethane	8.02	129	36753	0.969	ug/L	#	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\

Quantitation Report (Not Reviewed)

Data File : VV013326.D
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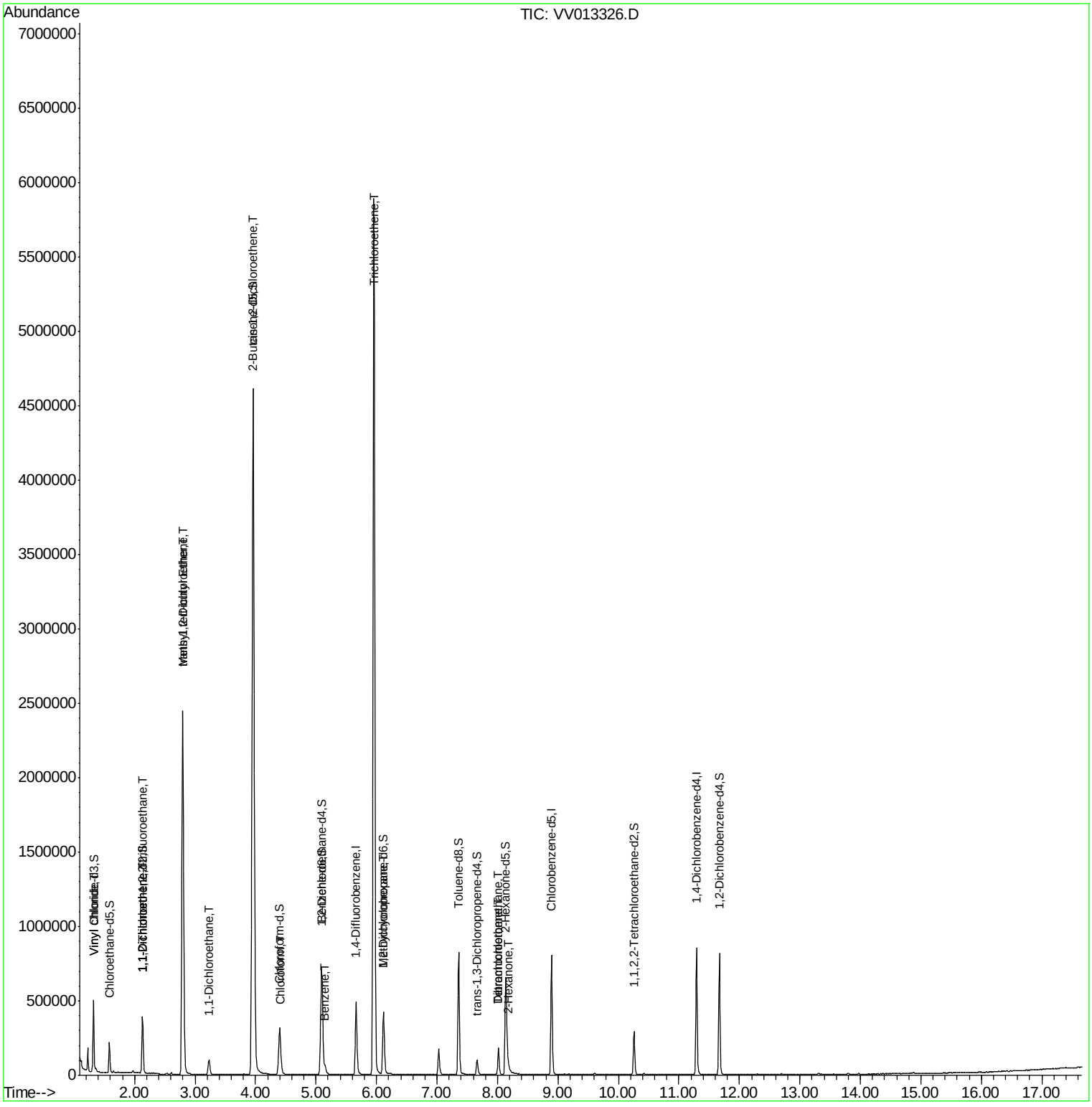
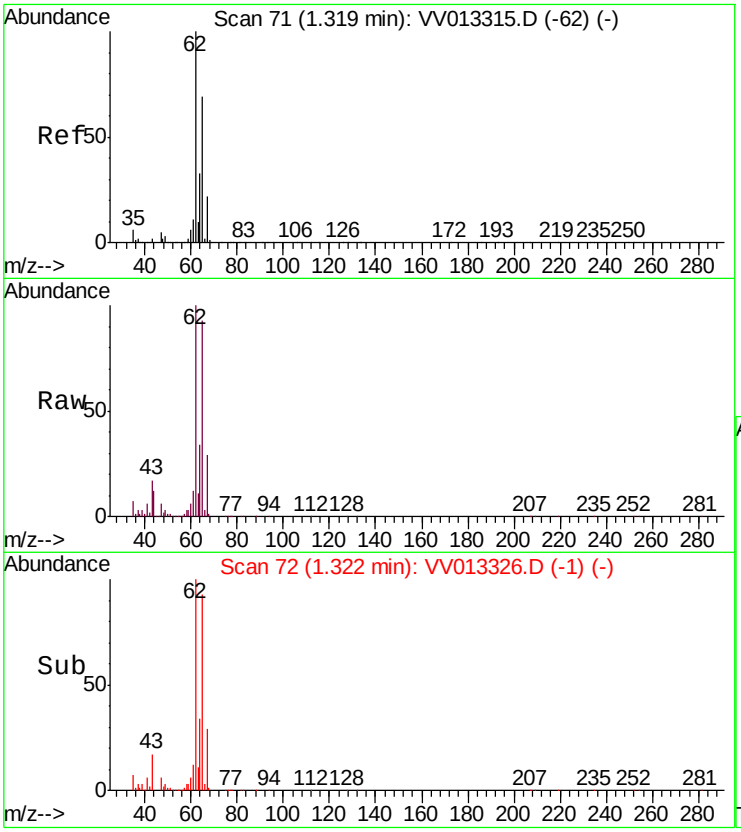
Instrument :
MSVOA_V
ClientSampleId :
C0K14

Quant Time: Oct 25 04:47:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration



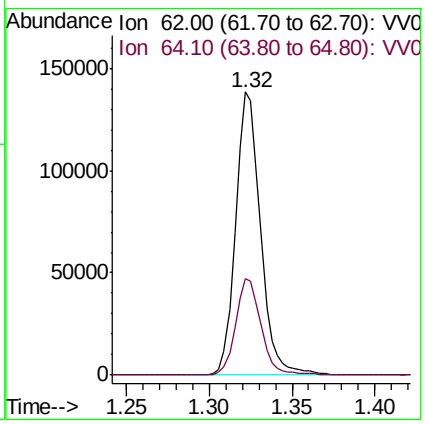


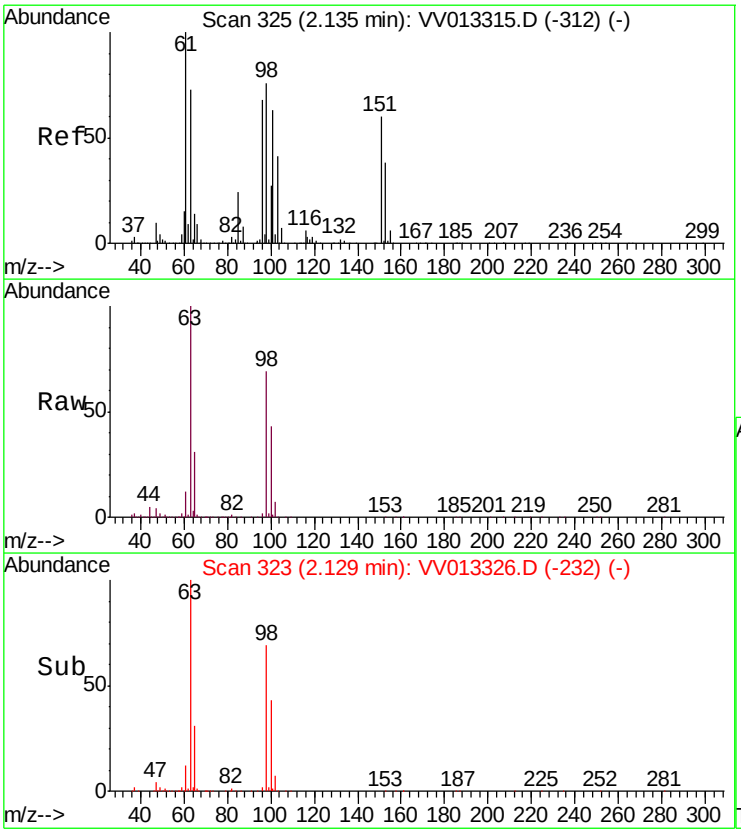
#5
Vinyl chloride
Concen: 3.472 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tgt Ion: 62 Resp: 145249

Ion	Ratio	Lower	Upper
62	100		
64	34.1	22.9	42.5

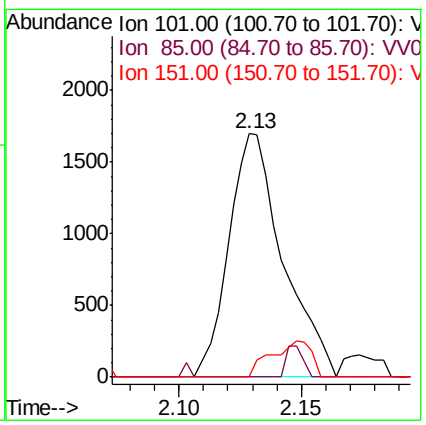


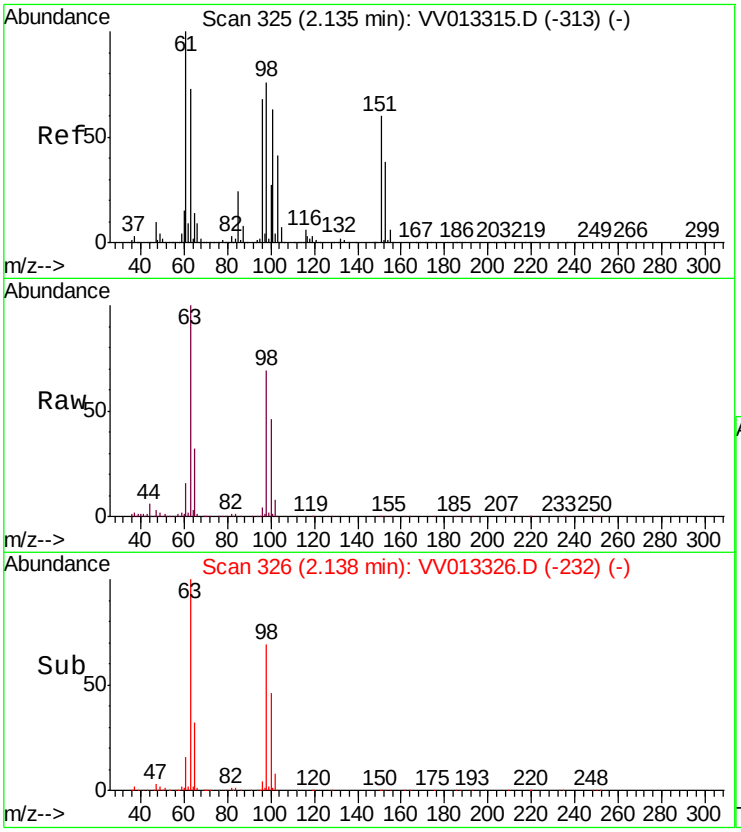


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Tgt Ion:101 Resp: 2608

Ion	Ratio	Lower	Upper
101	100		
85	4.0	31.8	47.8#
151	10.8	72.9	109.3#



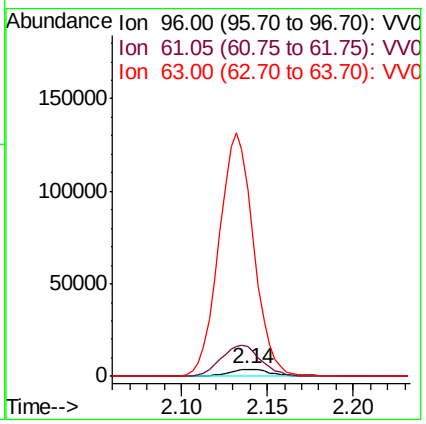


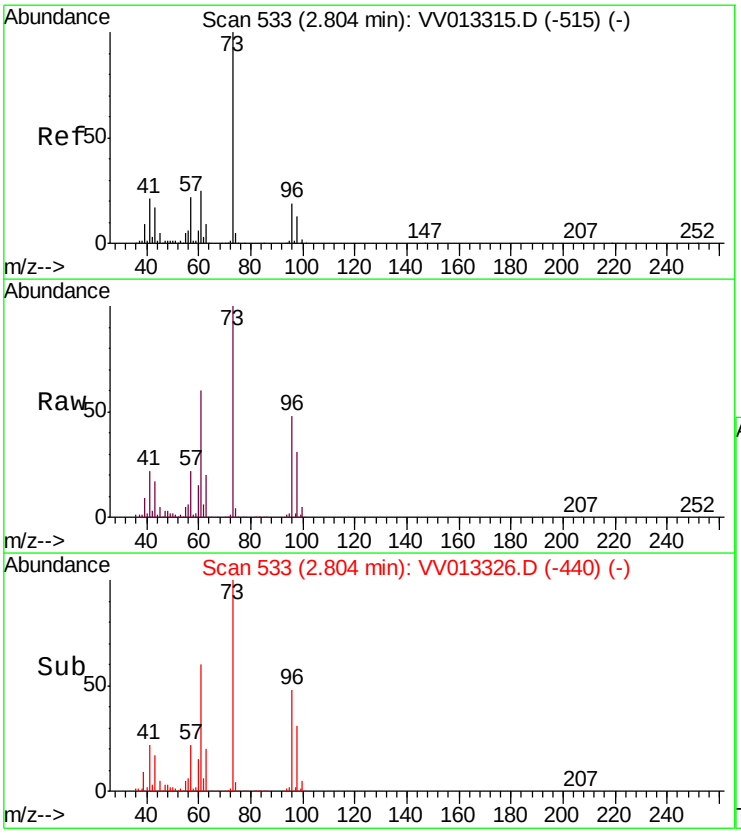
#12
1,1-Dichloroethene
Concen: 0.187 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Instrument : MSVOA_V
ClientSampleId : C0K14

Tgt Ion: 96 Resp: 6383

Ion	Ratio	Lower	Upper
96	100		
61	393.6	104.0	193.1#
63	2526.3	67.1	124.5#

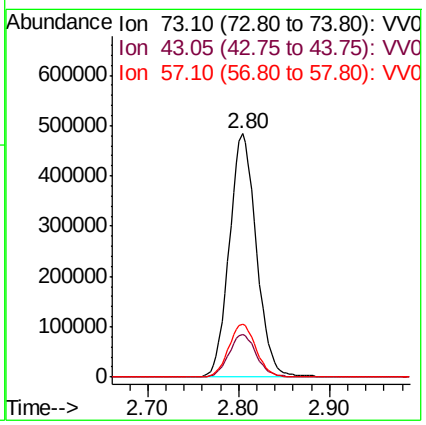


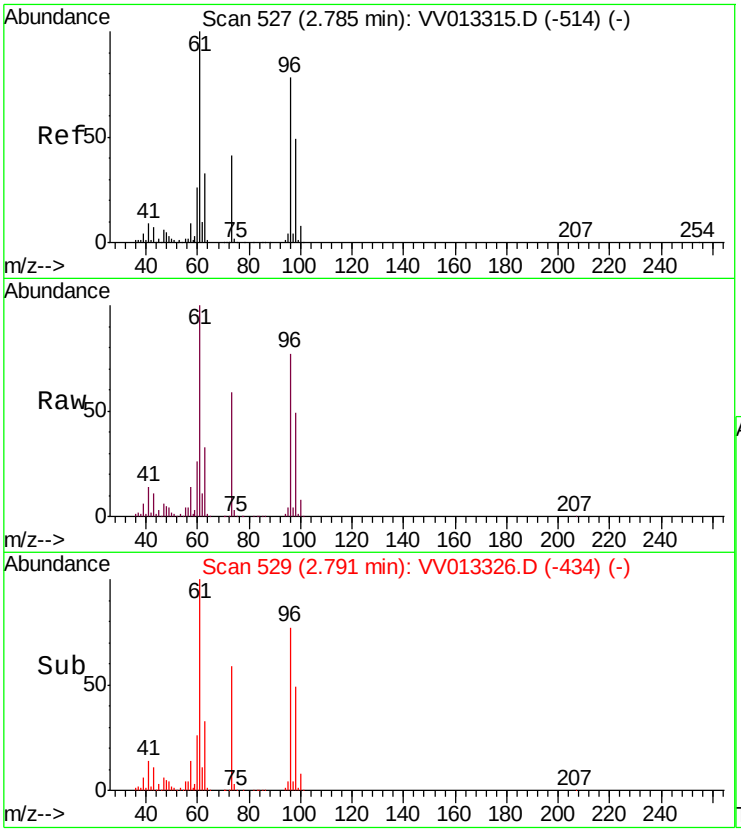


#17
Methyl tert-butyl Ether
Concen: 12.655 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Tgt Ion: 73 Resp: 998979

Ion	Ratio	Lower	Upper
73	100		
43	17.7	13.1	19.7
57	22.1	16.4	24.6



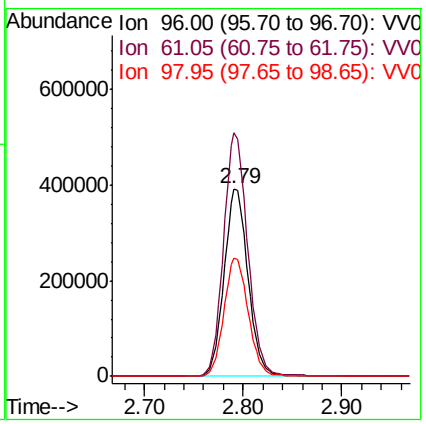


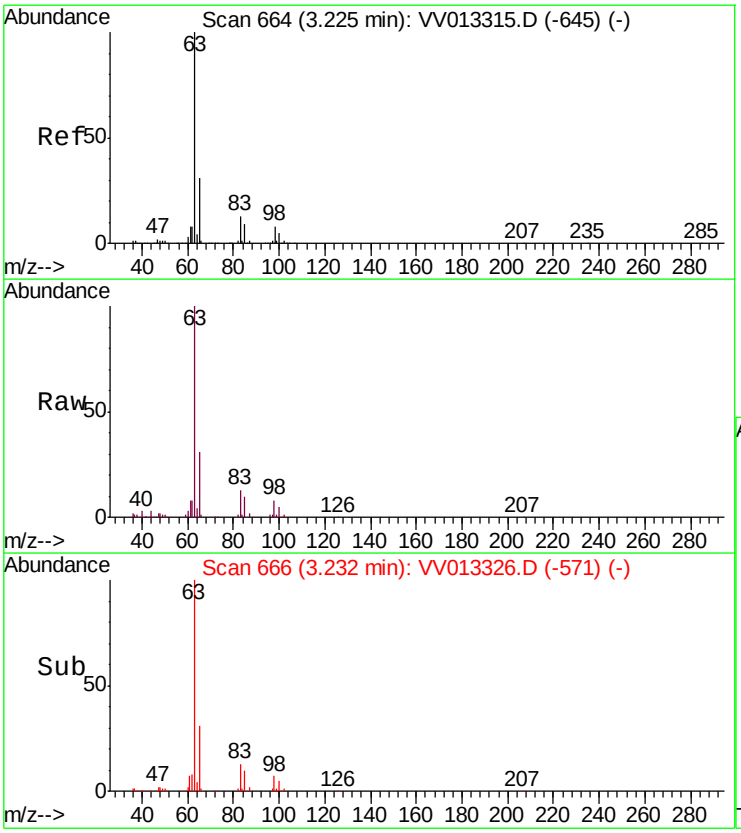
#18
trans-1,2-Dichloroethene
Concen: 16.665 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.01 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Instrument : MSVOA_V
ClientSampleId : C0K14

Tgt Ion: 96 Resp: 669647

Ion	Ratio	Lower	Upper
96	100		
61	129.7	84.4	156.8
98	63.2	44.4	82.4

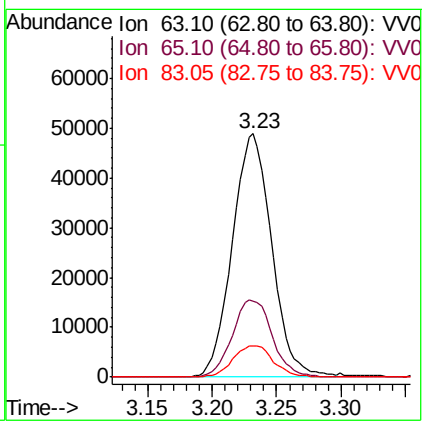


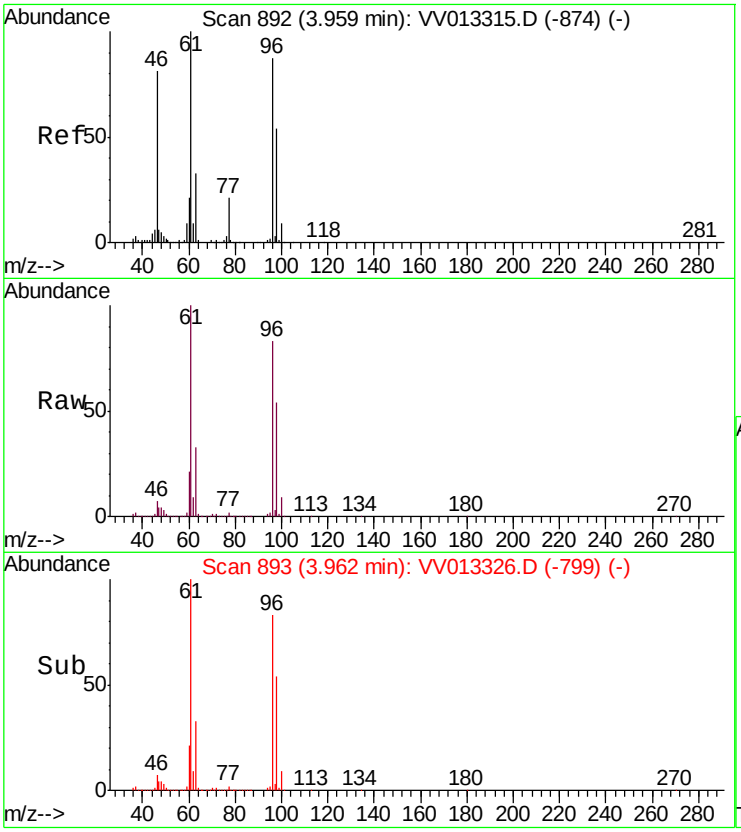


#19
1,1-Dichloroethane
Concen: 1.597 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Tgt Ion: 63 Resp: 104312

Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.0	42.8
83	12.8	10.2	19.0



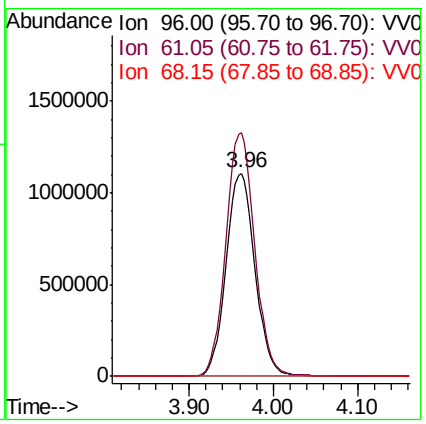


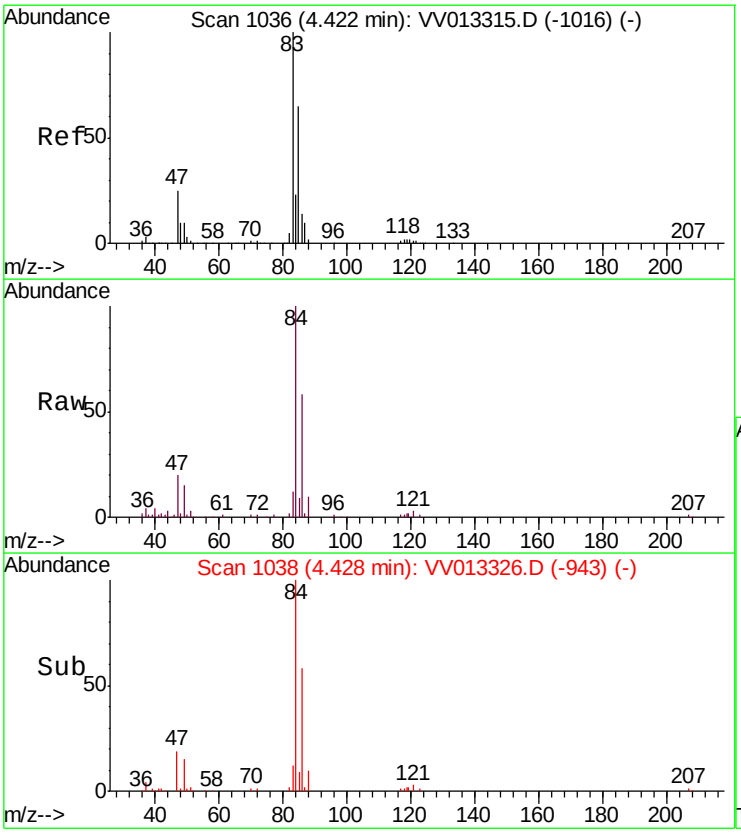
#22
cis-1,2-Dichloroethene
Concen: 61.493 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tgt Ion: 96 Resp: 2644752

Ion	Ratio	Lower	Upper
96	100		
61	120.0	77.3	143.7
68	0.0	0.1	0.1#

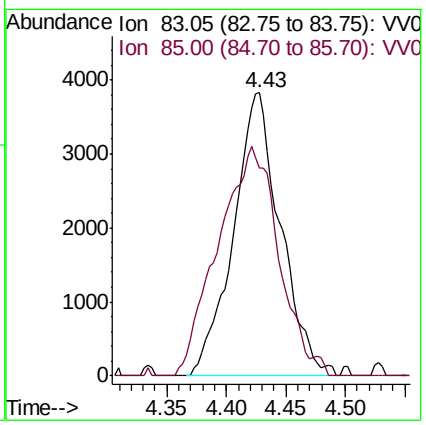


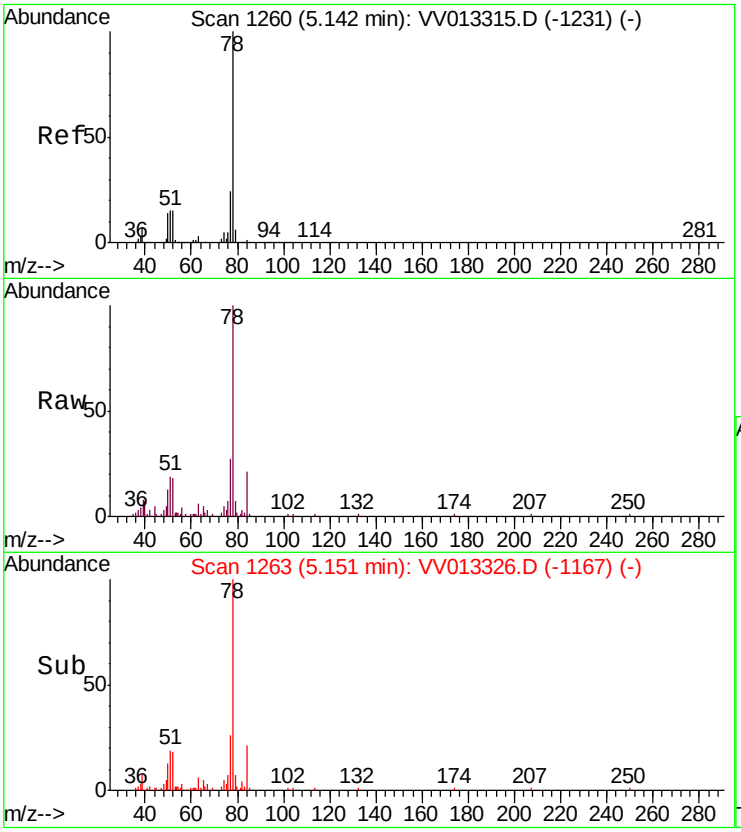


#25
Chloroform
Concen: 0.123 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Tgt Ion: 83 Resp: 10472

Ion	Ratio	Lower	Upper
83	100		
85	73.3	45.7	84.9

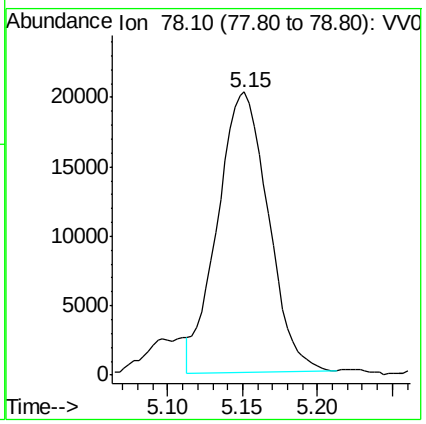


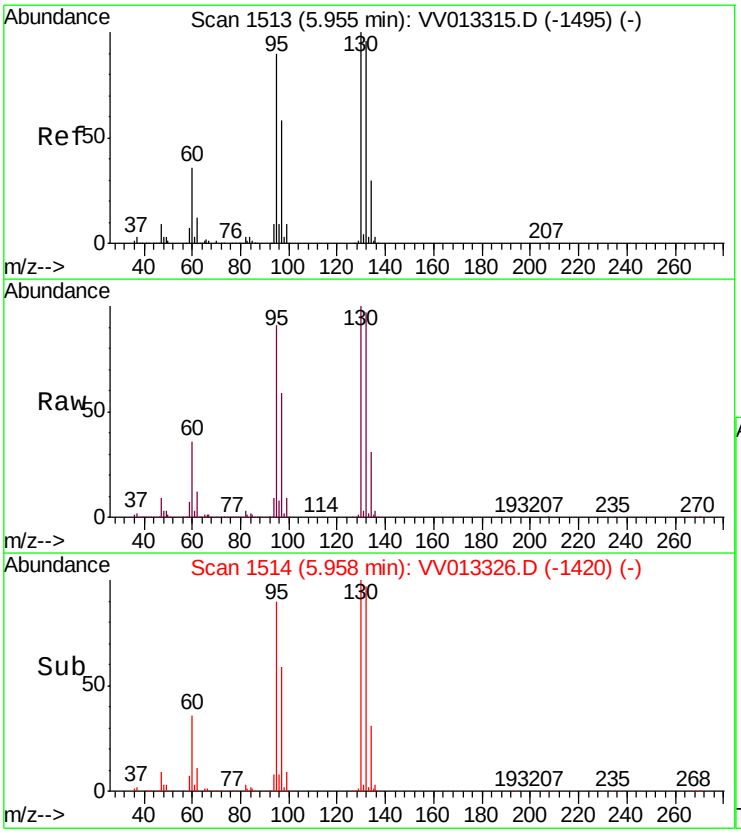


#33
Benzene
Concen: 0.268 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Instrument :
MSVOA_V
ClientSampleId :
C0K14

Tgt Ion: 78 Resp: 47664

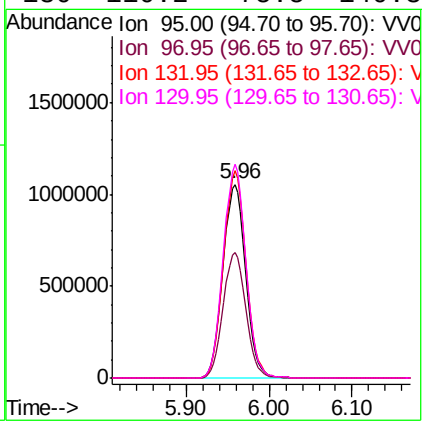


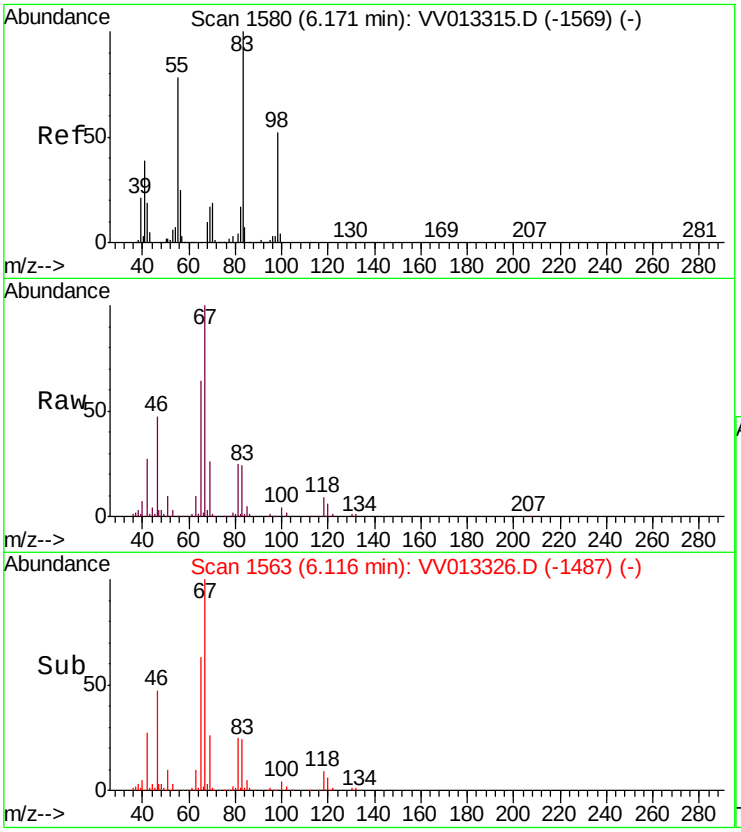


#34
Trichloroethene
Concen: 42.154 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Tgt Ion: 95 Resp: 2009135

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.2	84.0
132	106.7	70.6	131.2
130	110.2	75.5	140.3



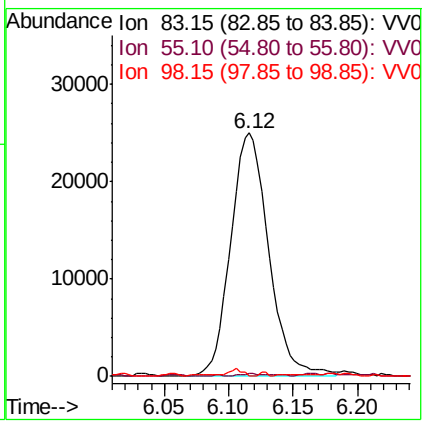


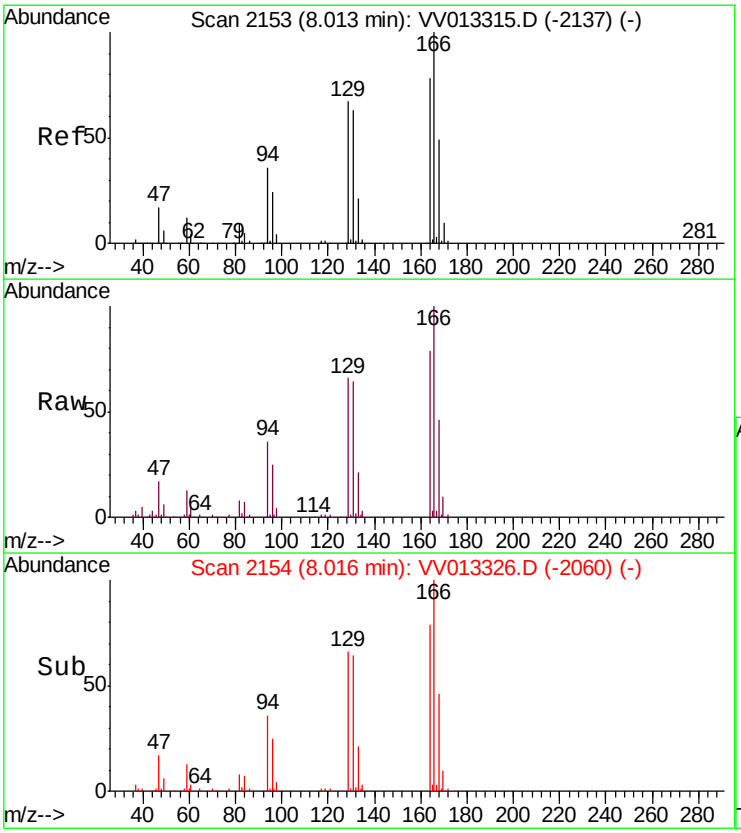
#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Instrument : MSVOA_V
ClientSampleId : C0K14

Tgt Ion: 83 Resp: 51380

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.4	93.6#
98	0.0	39.2	58.8#

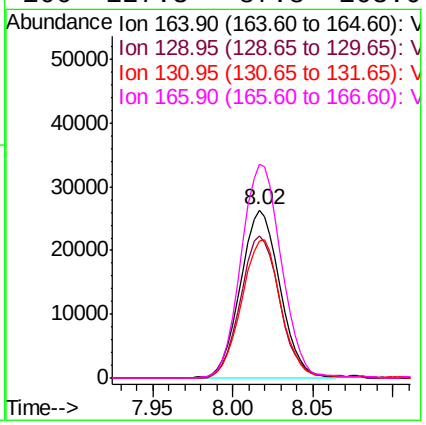


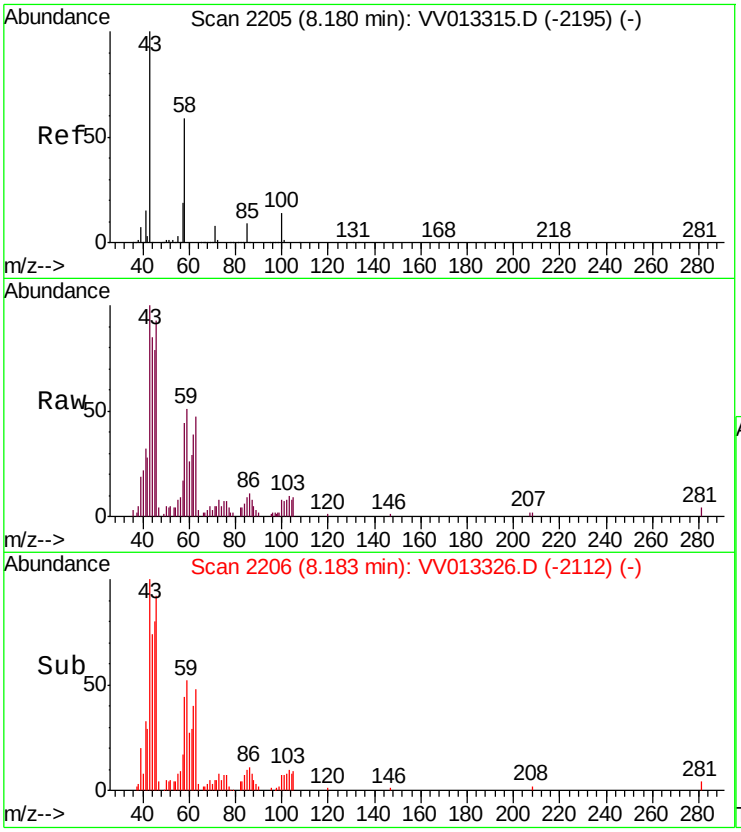


#47
Tetrachloroethene
Concen: 1.024 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Tgt Ion:164 Resp: 44317

Ion	Ratio	Lower	Upper
164	100		
129	84.7	61.0	113.2
131	81.5	57.5	106.9
166	127.3	87.8	163.0



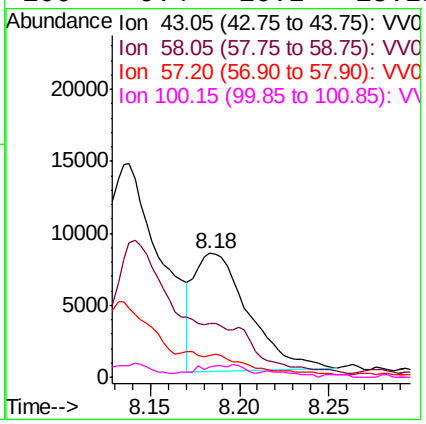


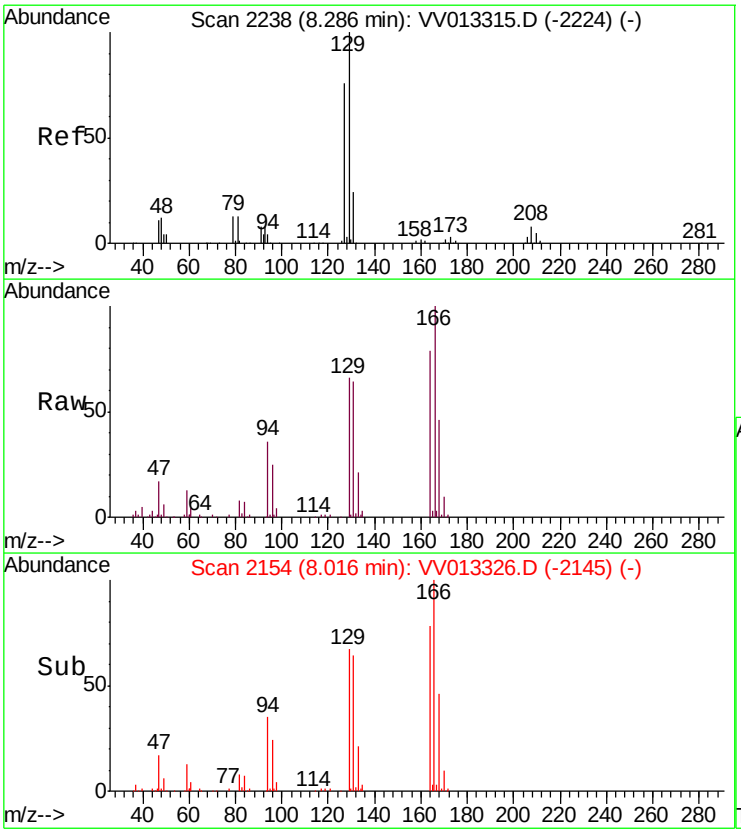
#48
2-Hexanone
Concen: 1.089 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Instrument : MSVOA_V
ClientSampleId : C0K14

Tgt Ion: 43 Resp: 17141

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.1	67.7#
57	0.0	15.5	23.3#
100	9.4	10.2	15.2#





#49
Dibromochloromethane
Concen: 0.969 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013326.D
Acq: 24 Oct 2019 22:32

Tgt Ion:129 Resp: 36753

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#