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

Quantitation Report (Not Reviewed)

Data File : VV013322.D
Acq On : 24 Oct 2019 20:57
Operator : SY/MD
Sample : K5457-10
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K13DL

Quant Time: Oct 25 04:46:23 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	437818	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	475264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	244862	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	170777	5.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.80%			
7) Chloroethane-d5	1.58	69	138782	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%			
11) 1,1-Dichloroethene-d2	2.13	63	238673	4.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.20%			
20) 2-Butanone-d5	3.94	46	367696	59.32	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.64%			
24) Chloroform-d	4.40	84	356724	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.08	65	169805	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.10	84	721418	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.12	67	221293	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.36	98	605350	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	7.66	79	62260	3.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.00%			
46) 2-Hexanone-d5	8.13	63	190685	30.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 61.08%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	146773	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	245344	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	3605	0.086	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3033	0.084	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	52399	1.522	ug/L #	49
13) Acetone	2.36	43	11461	3.576	ug/L	85
19) 1,1-Dichloroethane	3.23	63	7442	0.113	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	27548	0.634	ug/L #	94
25) Chloroform	4.43	83	48019	0.558	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	9180	0.131	ug/L	96
31) Carbon tetrachloride	4.87	117	6792	0.108	ug/L	98
34) Trichloroethene	5.96	95	233644	4.798	ug/L	96
35) Methylcyclohexane	6.12	83	55519	0.741	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22457	0.509	ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	2729	0.058	ug/L	90
47) Tetrachloroethene	8.02	164	102260	2.312	ug/L	97
48) 2-Hexanone	8.19	43	22300	1.386	ug/L #	40
49) Dibromochloromethane	8.02	129	84688	2.185	ug/L #	11
67) 1,3,5-Trichlorobenzene	12.69	180	3200	0.050	ug/L #	92

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

Quantitation Report (Not Reviewed)

Data File : VV013322.D
Acq On : 24 Oct 2019 20:57
Operator : SY/MD
Sample : K5457-10
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0K13DL

Quant Time: Oct 25 04:46:23 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)

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

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

Quantitation Report (Not Reviewed)

Data File : VV013322.D
Acq On : 24 Oct 2019 20:57
Operator : SY/MD
Sample : K5457-10
Misc : 25.0ML/MSVOA_V/WATER
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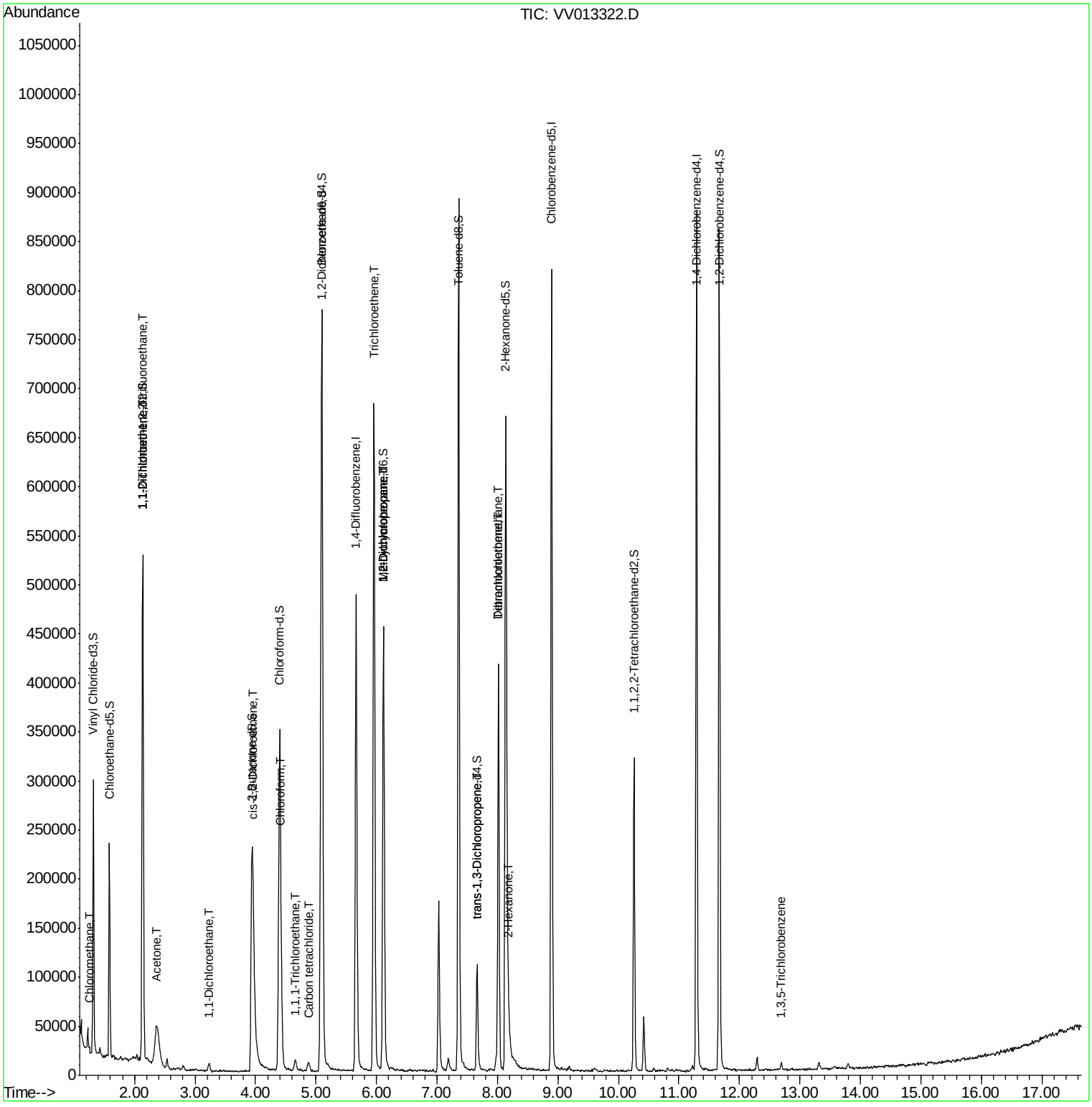
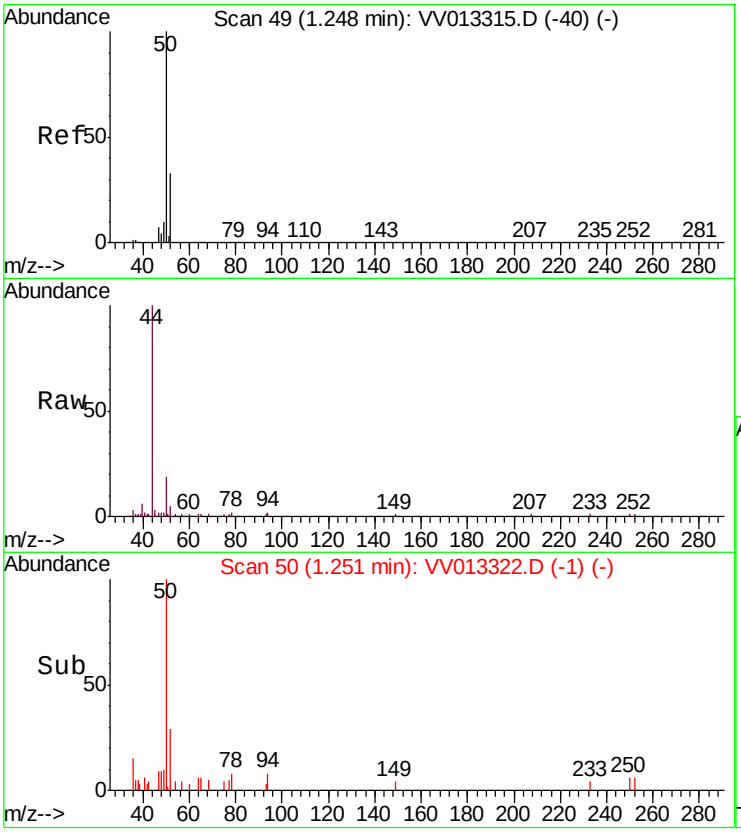
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration



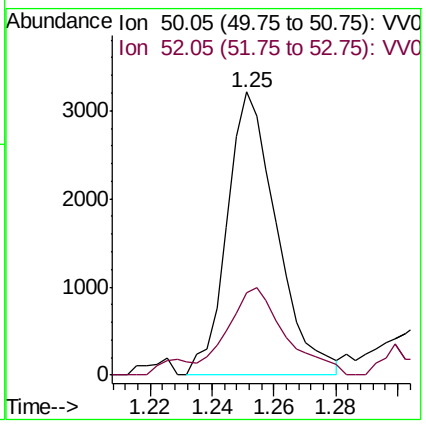


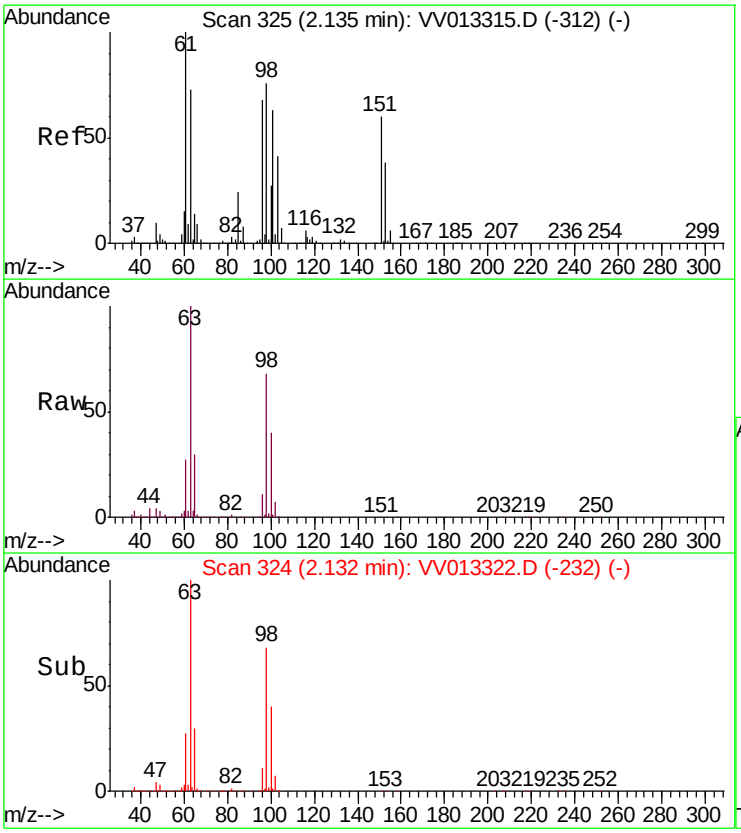
#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Instrument :
MSVOA_V
ClientSampleId :
C0K13DL

Tgt Ion: 50 Resp: 3605

Ion	Ratio	Lower	Upper
50	100		
52	28.9	23.3	43.3

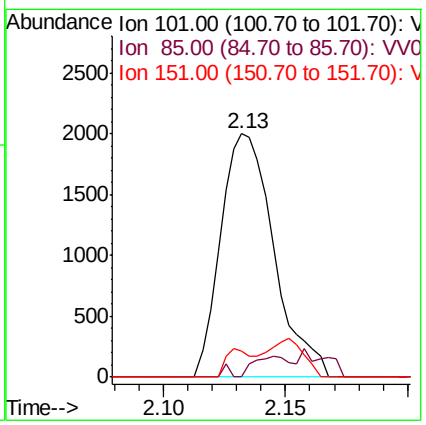


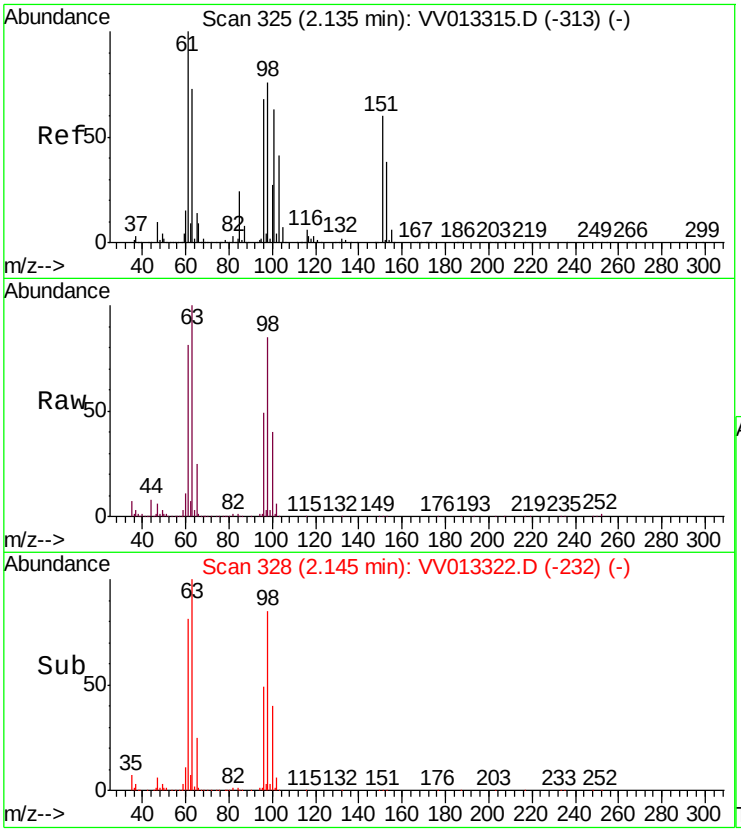


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.084 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Tgt Ion:101 Resp: 3033

Ion	Ratio	Lower	Upper
101	100		
85	0.7	31.8	47.8#
151	5.0	72.9	109.3#



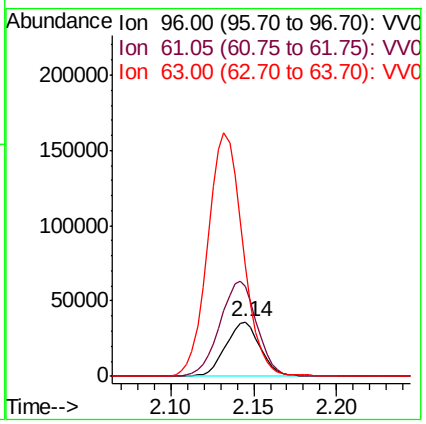


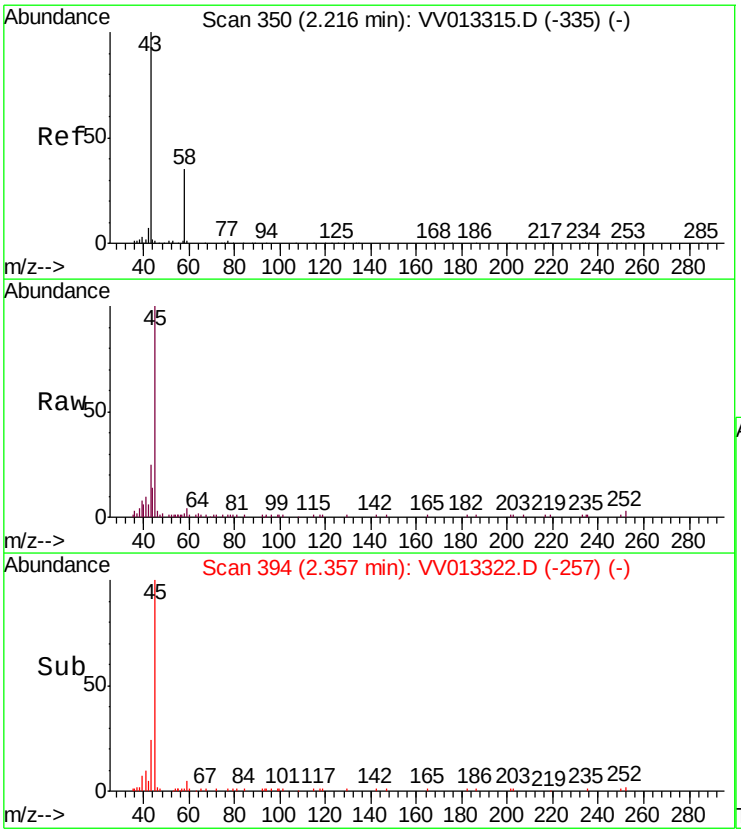
#12
1,1-Dichloroethene
Concen: 1.522 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.01 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Instrument :
MSVOA_V
ClientSampleId :
C0K13DL

Tgt Ion: 96 Resp: 52399

Ion	Ratio	Lower	Upper
96	100		
61	165.1	104.0	193.1
63	202.6	67.1	124.5#

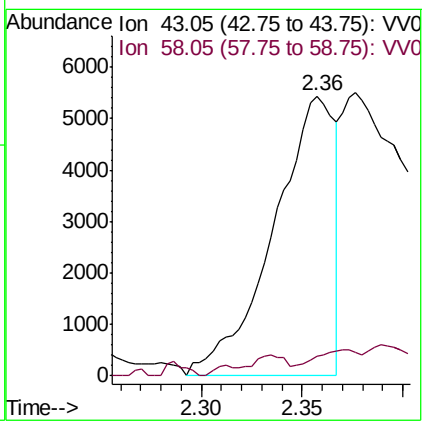


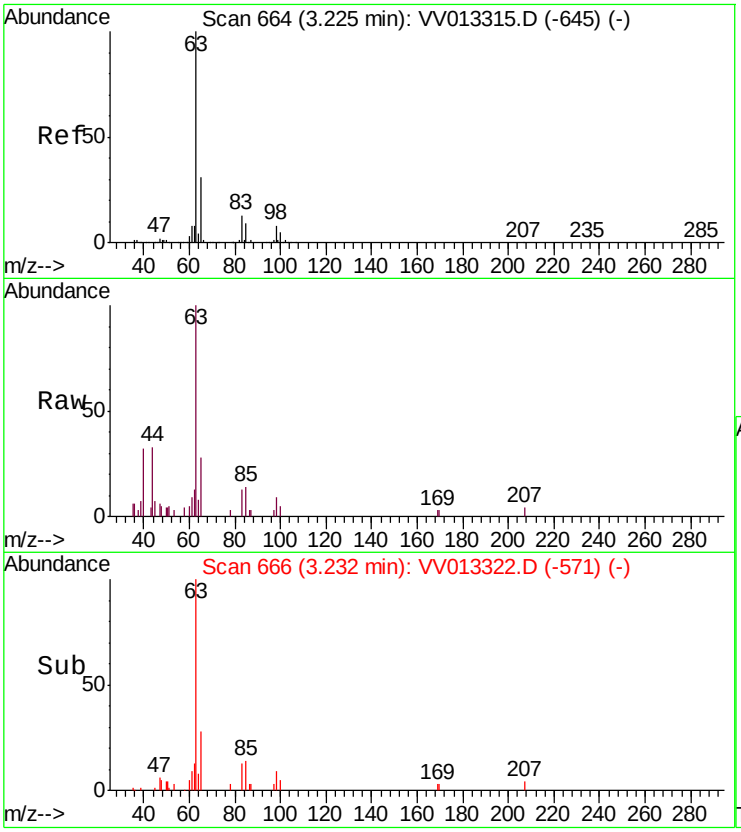


#13
Acetone
Concen: 3.576 ug/L
RT: 2.36 min Scan# 394
Delta R.T. 0.14 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Tgt Ion: 43 Resp: 11461

Ion	Ratio	Lower	Upper
43	100		
58	7.0	0.0	26.2



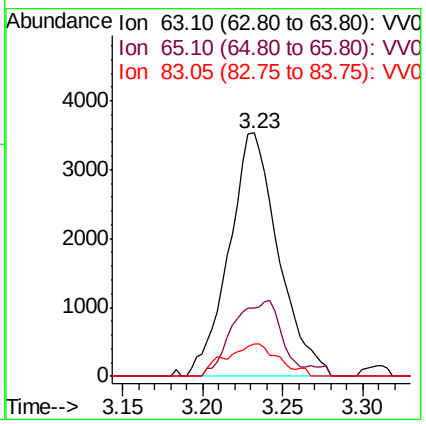


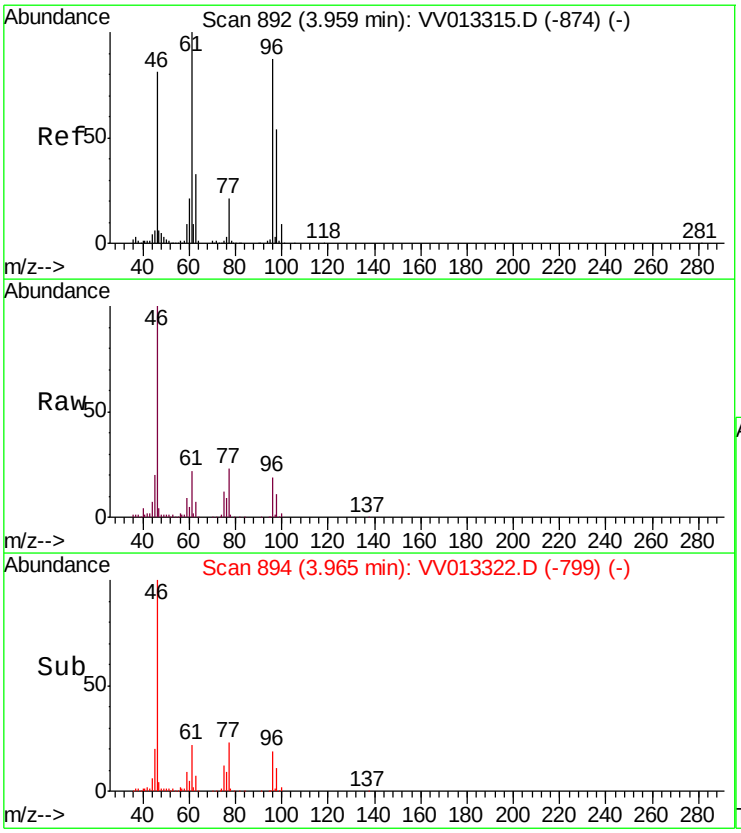
#19
1,1-Dichloroethane
Concen: 0.113 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Instrument : MSVOA_V
ClientSampleId : C0K13DL

Tgt Ion: 63 Resp: 7442

Ion	Ratio	Lower	Upper
63	100		
65	28.3	23.0	42.8
83	13.4	10.2	19.0

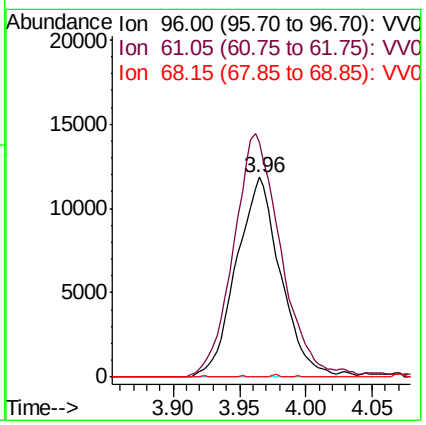


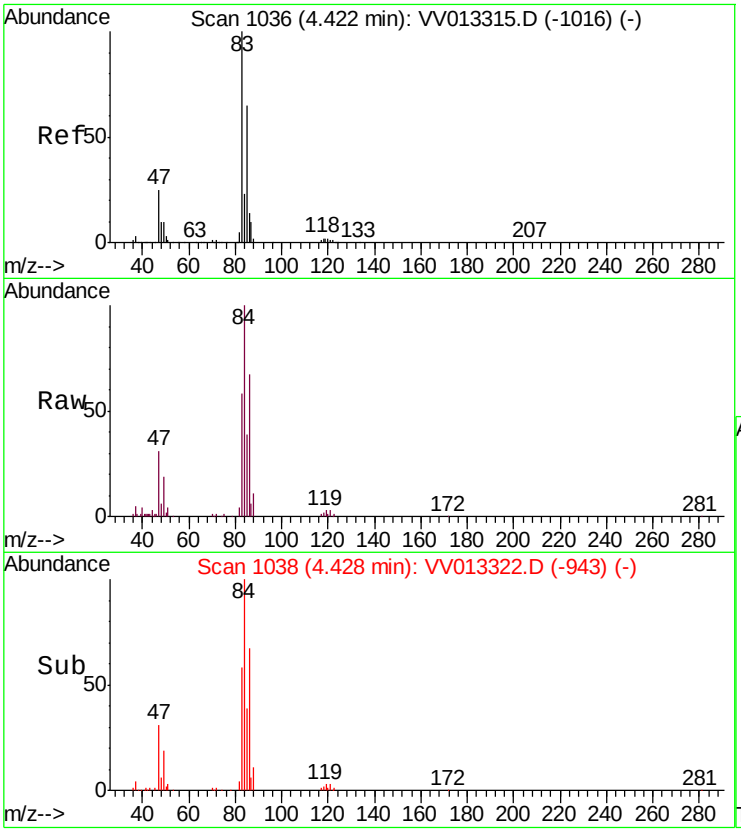


#22
cis-1,2-Dichloroethene
Concen: 0.634 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Tgt Ion: 96 Resp: 27548

Ion	Ratio	Lower	Upper
96	100		
61	117.1	77.3	143.7
68	0.0	0.1	0.1#



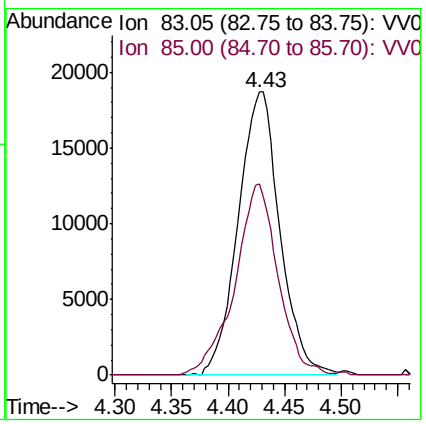


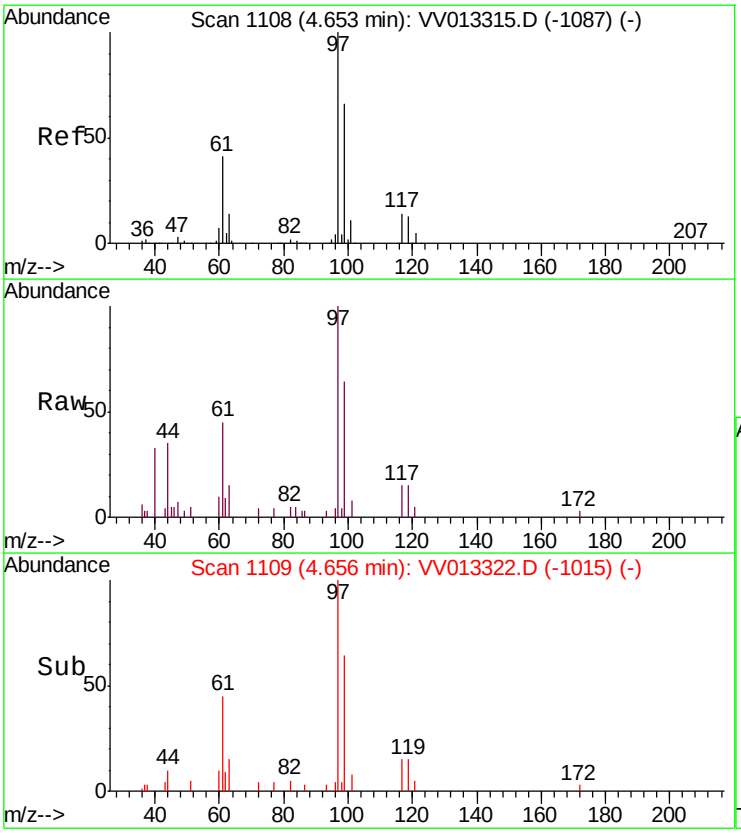
#25
Chloroform
Concen: 0.558 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Instrument : MSVOA_V
ClientSampleId : C0K13DL

Tgt Ion: 83 Resp: 48019

Ion	Ratio	Lower	Upper
83	100		
85	67.5	45.7	84.9

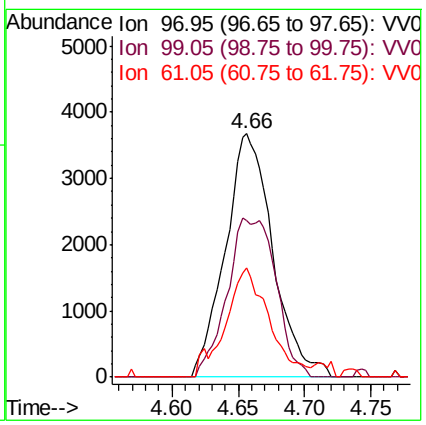


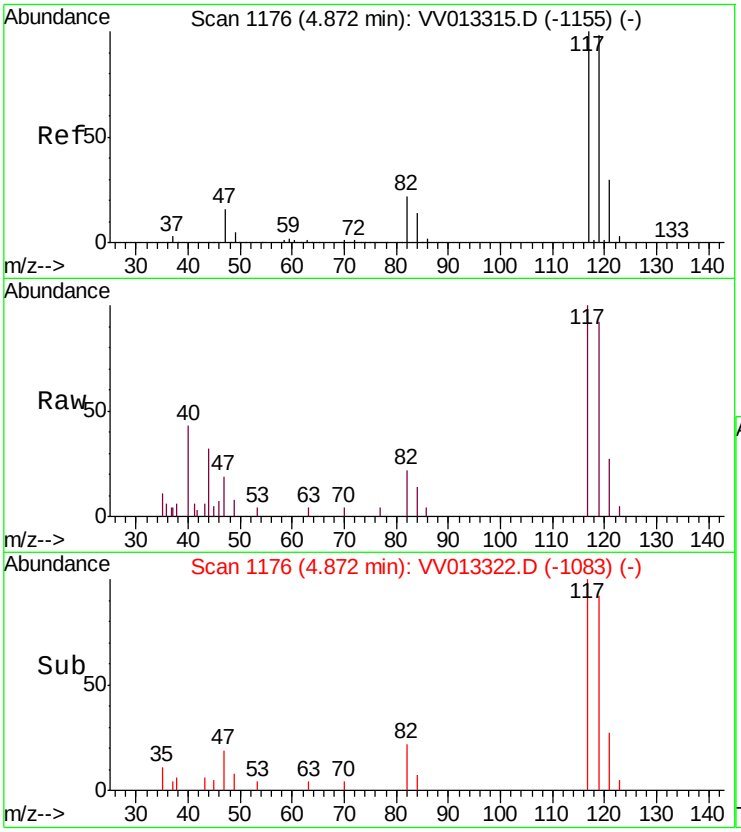


#29
1,1,1-Trichloroethane
Concen: 0.131 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Tgt Ion: 97 Resp: 9180

Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.7	77.5
61	38.8	34.3	51.5



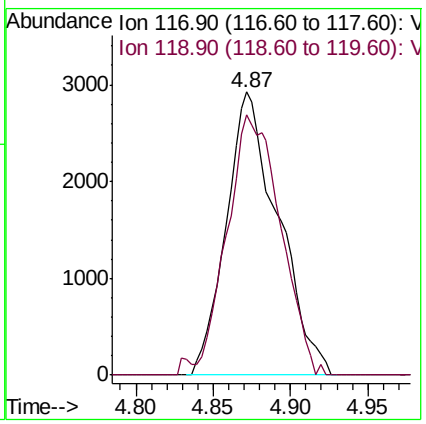


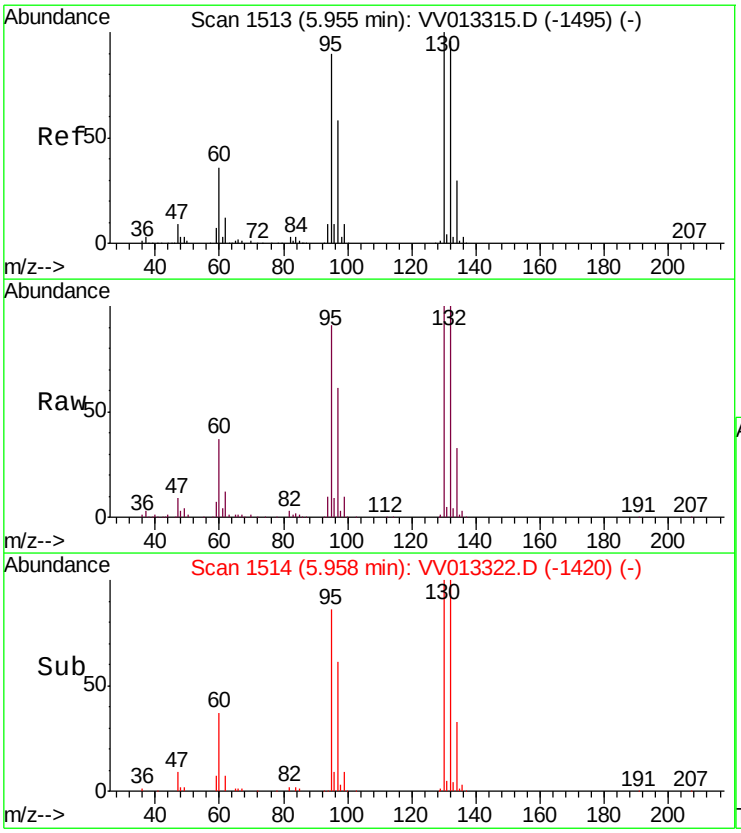
#31
Carbon tetrachloride
Concen: 0.108 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Instrument : MSVOA_V
ClientSampleId : C0K13DL

Tgt Ion:117 Resp: 6792

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0

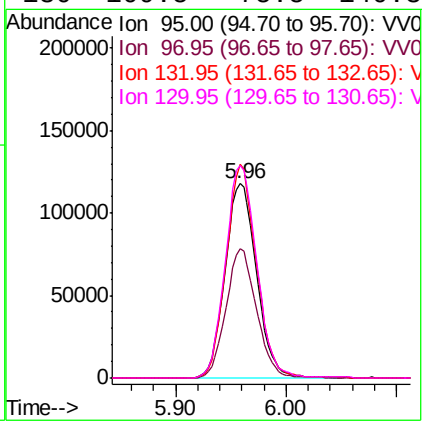


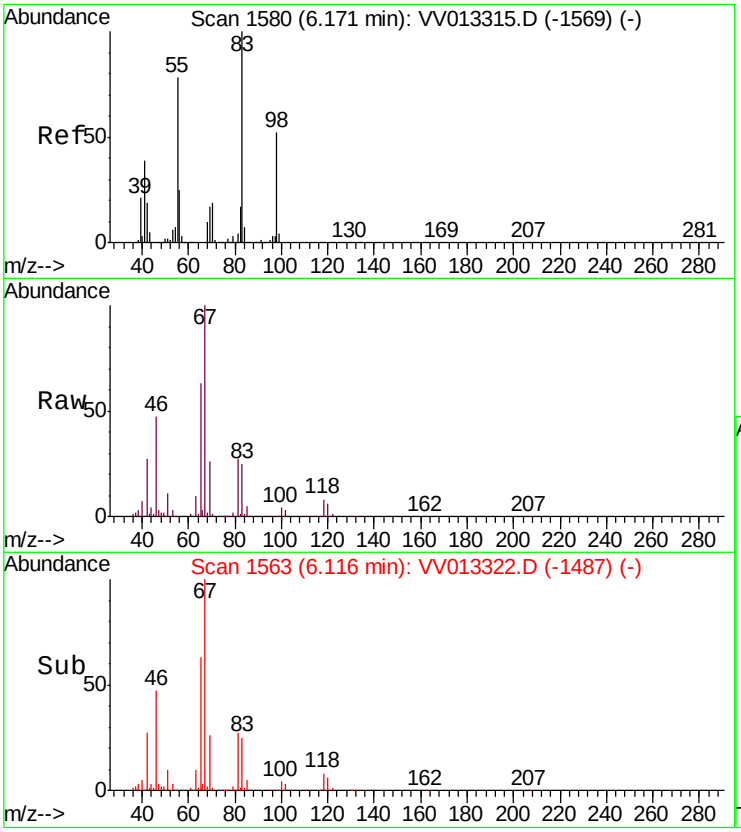


#34
Trichloroethene
Concen: 4.798 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Tgt Ion: 95 Resp: 233644

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.2	84.0
132	109.8	70.6	131.2
130	109.5	75.5	140.3



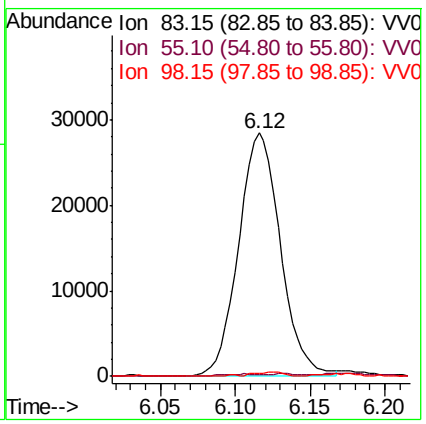


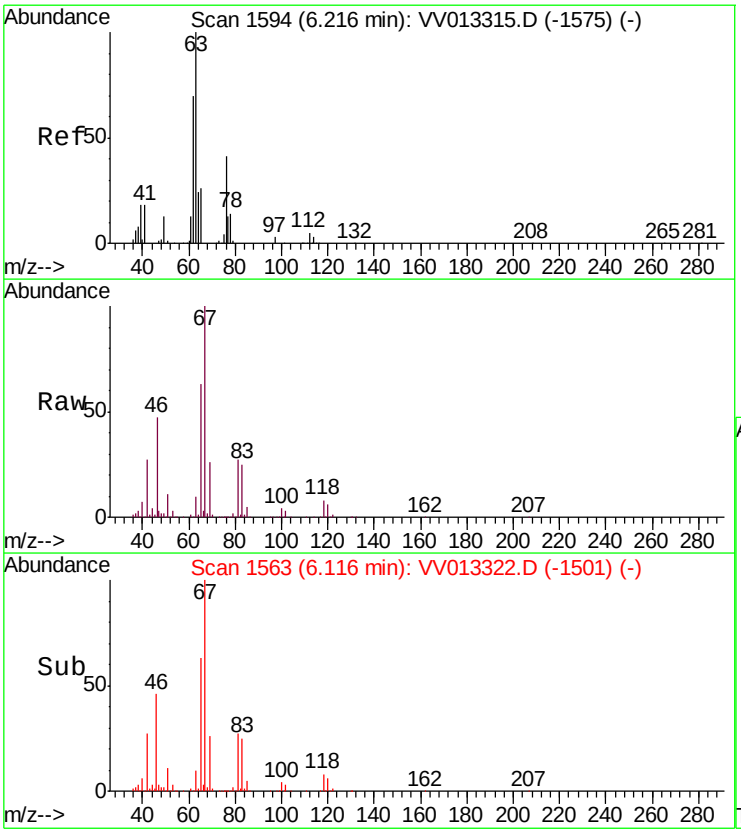
#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Instrument :
MSVOA_V
ClientSampleId :
C0K13DL

Tgt Ion: 83 Resp: 55519

Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.4	93.6#
98	1.1	39.2	58.8#

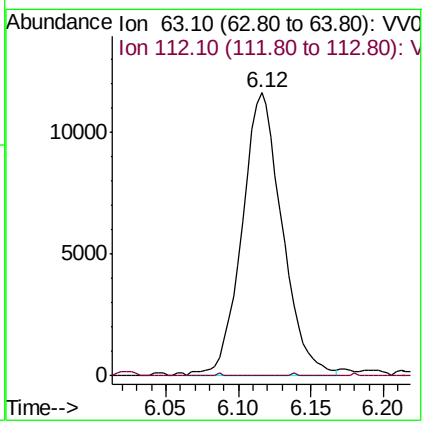


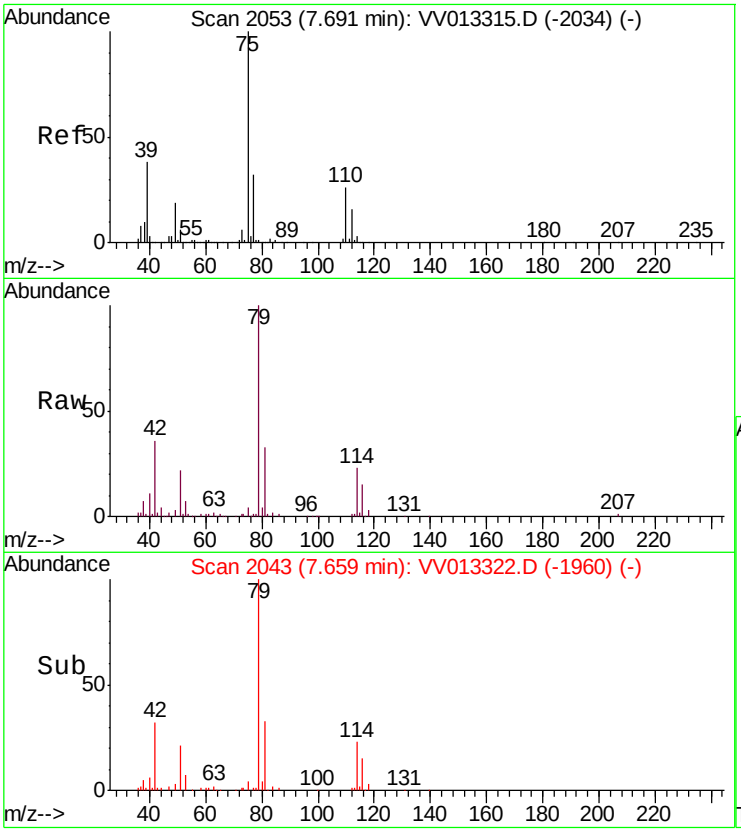


#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Tgt Ion: 63 Resp: 22457

Ion	Ratio	Lower	Upper
63	100		
112	0.1	4.1	6.1#



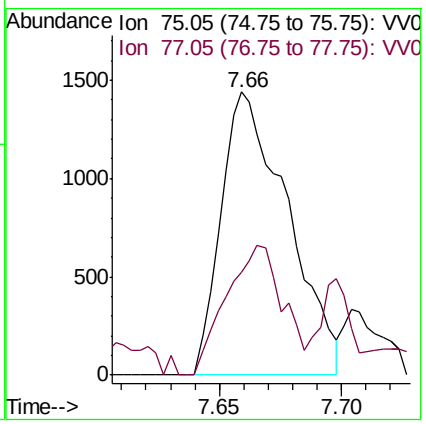


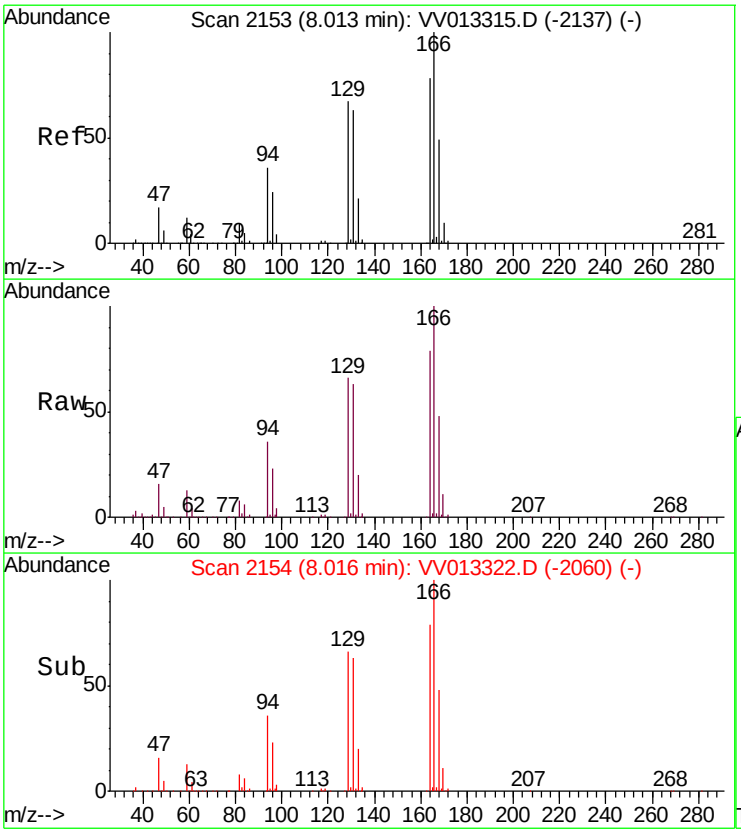
#44
trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Instrument : MSVOA_V
ClientSampleId : C0K13DL

Tgt Ion: 75 Resp: 2729

Ion	Ratio	Lower	Upper
75	100		
77	36.5	21.8	40.6

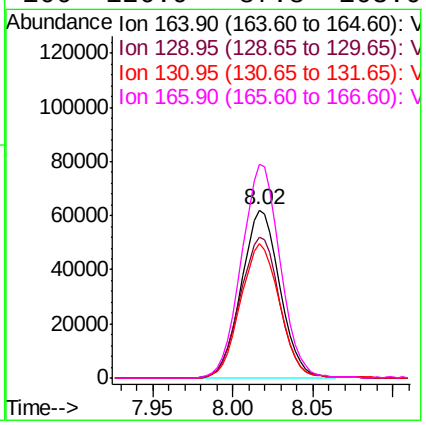


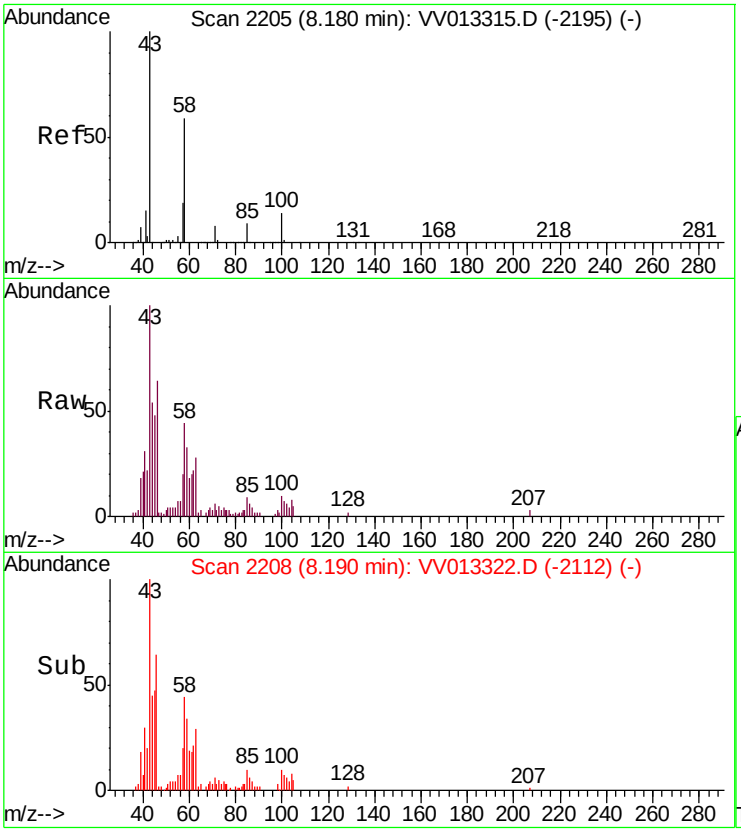


#47
Tetrachloroethene
Concen: 2.312 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Tgt Ion:164 Resp: 102260

Ion	Ratio	Lower	Upper
164	100		
129	83.5	61.0	113.2
131	79.6	57.5	106.9
166	126.9	87.8	163.0



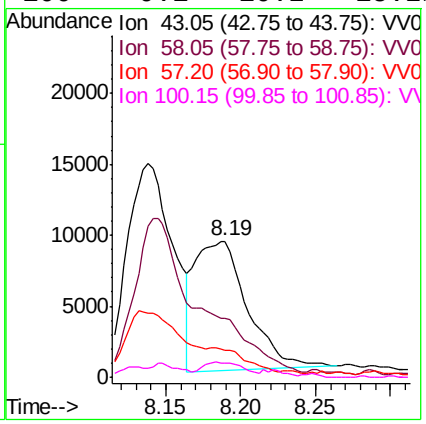


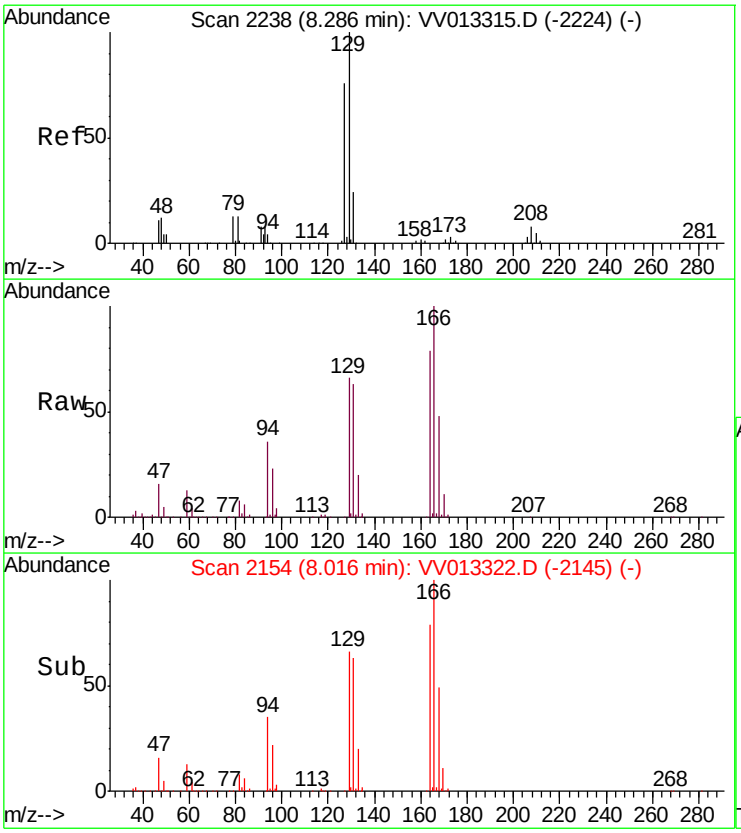
#48
2-Hexanone
Concen: 1.386 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Instrument :
MSVOA_V
ClientSampleId :
C0K13DL

Tgt Ion: 43 Resp: 22300

Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.1	67.7#
57	0.0	15.5	23.3#
100	9.1	10.2	15.2#

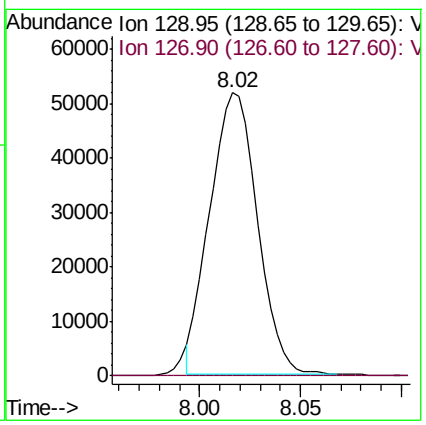


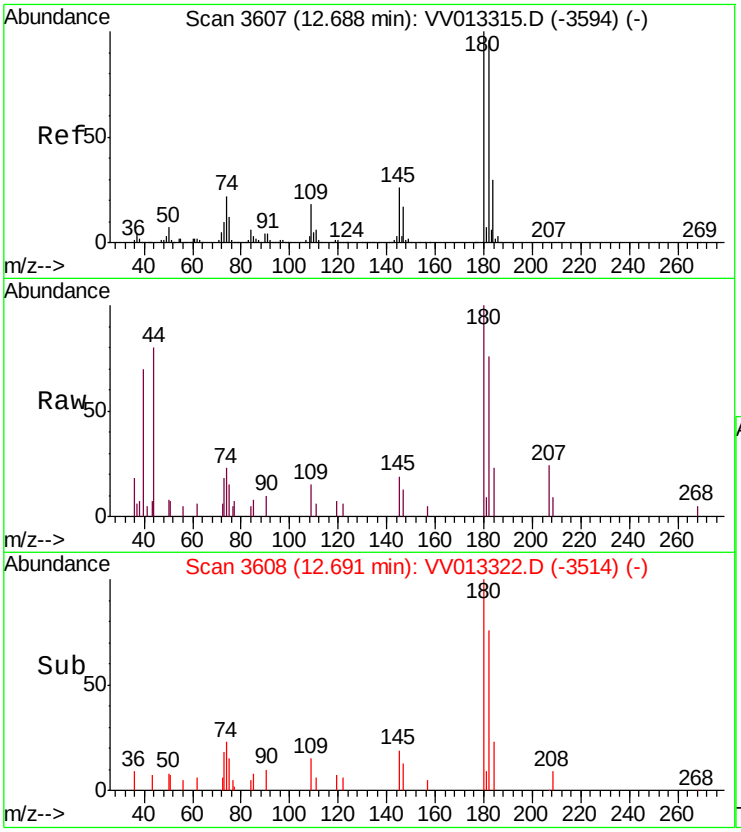


#49
Dibromochloromethane
Concen: 2.185 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Tgt Ion:129 Resp: 84688

Ion	Ratio	Lower	Upper
129	100		
127	0.3	54.1	100.5#





#67
1,3,5-Trichlorobenzene
Concen: 0.050 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013322.D
Acq: 24 Oct 2019 20:57

Instrument :
MSVOA_V
ClientSampleId :
C0K13DL

Tgt Ion:180 Resp: 3200

Ion	Ratio	Lower	Upper
180	100		
182	89.5	76.2	114.2
184	25.0	24.0	36.0
145	18.6	21.8	32.8#