Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021220\

Quantitation Report (Not Reviewed)

Data File : VV014573.D
Acq On : 12 Feb 2020 15:41
Operator : SY/MD
Sample : L1489-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRE4

Quant Time: Feb 13 05:58:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 13 05:55:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	309286	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	288350	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140621	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54171	45.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.22%			
7) Chloroethane-d5	1.59	69	39032	46.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.46%			
11) 1,1-Dichloroethene-d2	2.13	63	70939	35.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.58%			
21) 2-Butanone-d5	3.92	46	94763	96.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.21%			
24) Chloroform-d	4.40	84	162648	46.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.92%			
26) 1,2-Dichloroethane-d4	5.08	65	105566	49.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.26%			
32) Benzene-d6	5.10	84	334408	48.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.98%			
36) 1,2-Dichloropropane-d6	6.11	67	101264	48.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.50%			
41) Toluene-d8	7.36	98	315258	47.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.04%			
43) trans-1,3-Dichloropropene-	7.66	79	54889	47.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.86%			
47) 2-Hexanone-d5	8.13	63	74457	89.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.71%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	136286	48.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.70%			
64) 1,2-Dichlorobenzene-d4	11.67	152	122952	49.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.98%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1331	1.575	ug/L	64
35) Methylcyclohexane	6.12	83	26325	8.230	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	10842	5.800	ug/L #	85
48) 2-Hexanone	8.13	43	7415	4.119	ug/L #	72
49) Dibromochloromethane	8.29	129	1926	0.837	ug/L	97
53) m,p-Xylene	9.18	106	3892	1.065	ug/L	89
59) 1,2,3-Trichloropropane	11.29	75	15851	6.589	ug/L	93
61) Bromoform	9.77	173	2048	1.346	ug/L #	92

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021220\

Quantitation Report (Not Reviewed)

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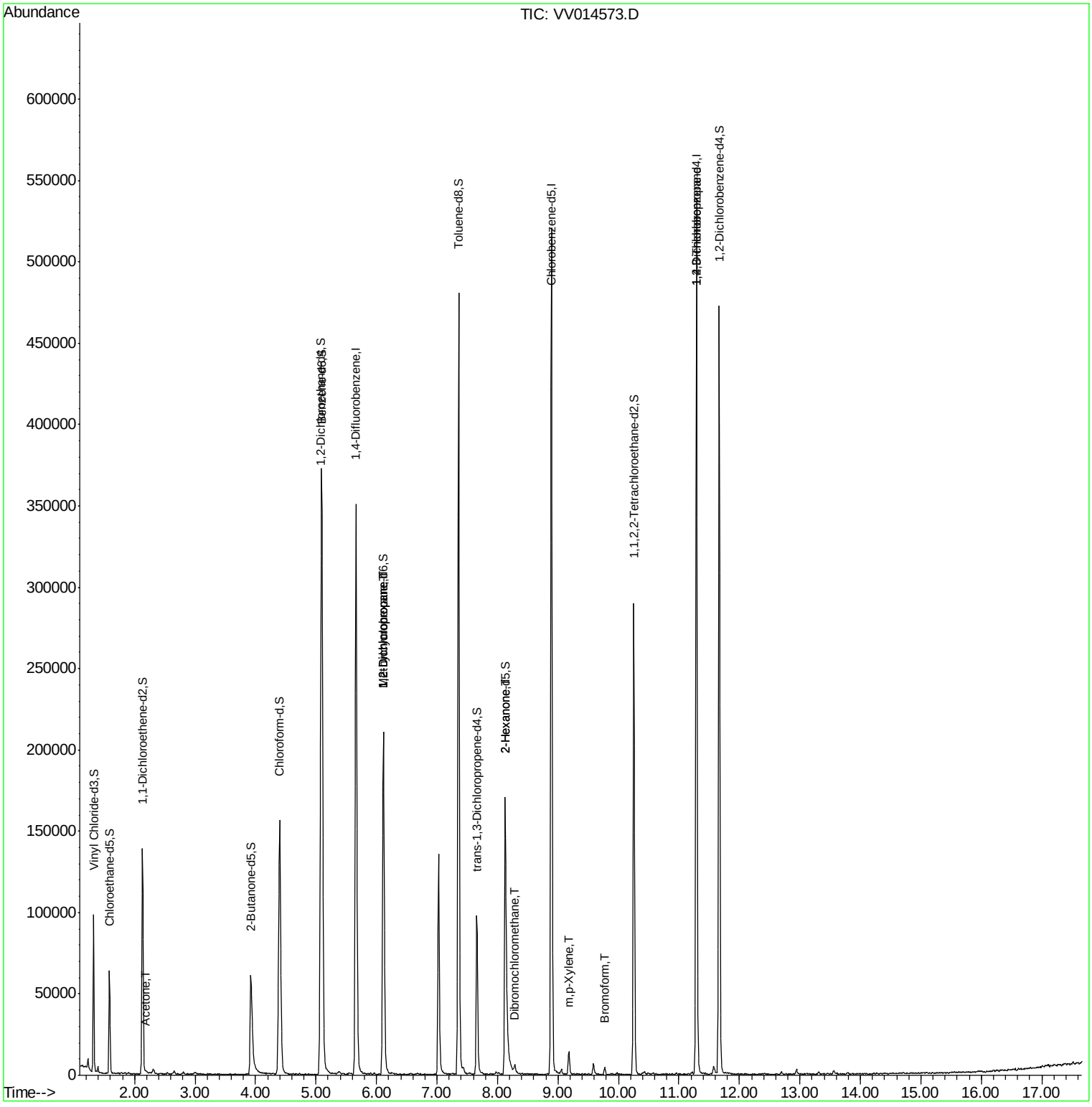
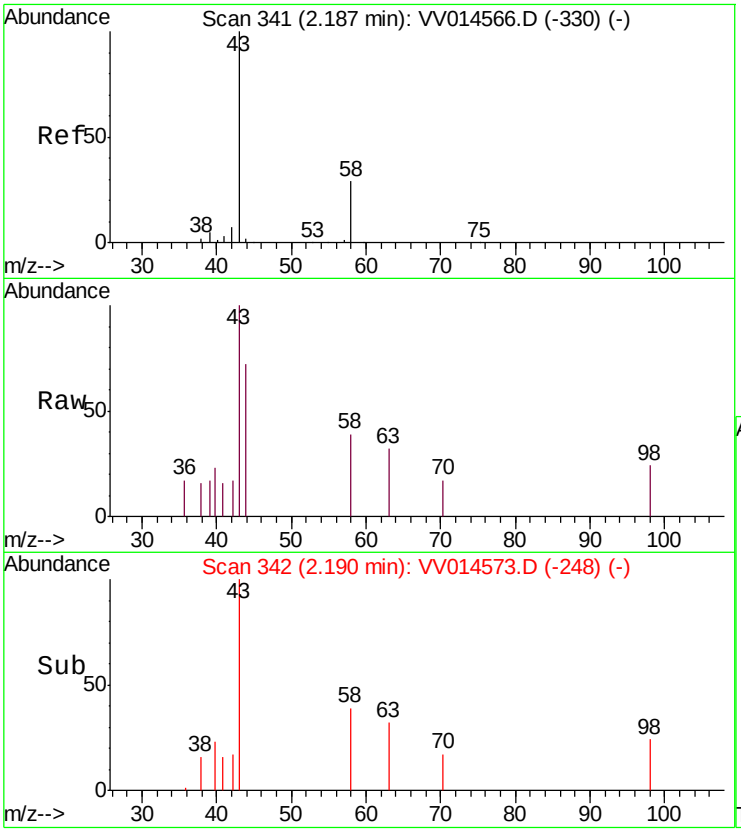
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRE4

Quant Time: Feb 13 05:58:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 13 05:55:11 2020
Response via : Initial Calibration



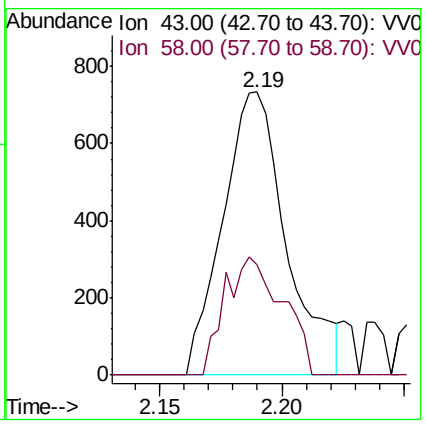


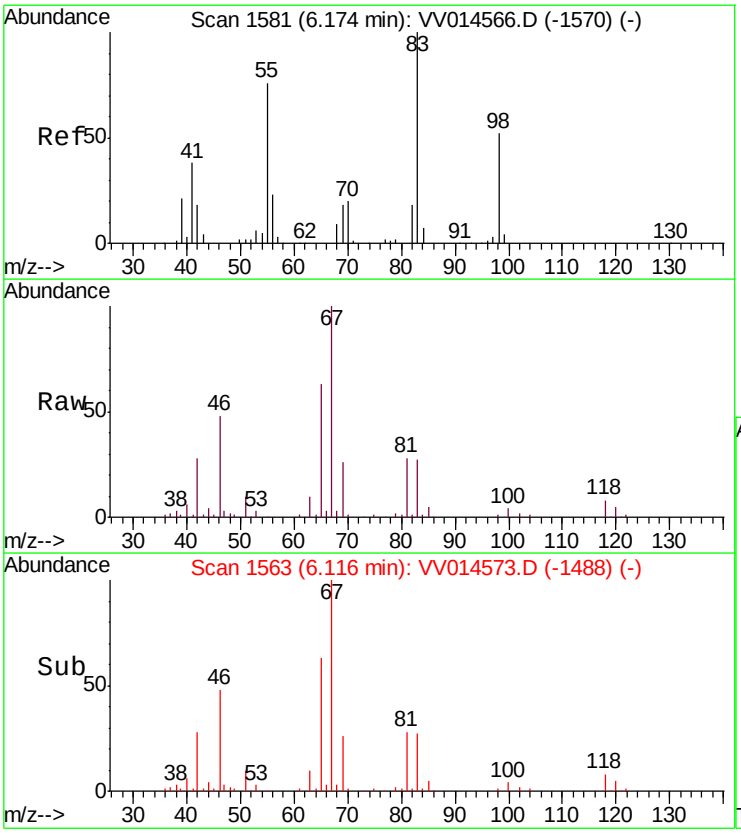
#13
Acetone
Concen: 1.575 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV014573.D
Acq: 12 Feb 2020 15:41

Instrument :
MSVOA_V
ClientSampleId :
BFRE4

Tgt Ion: 43 Resp: 1331

Ion	Ratio	Lower	Upper
43	100		
58	9.9	0.0	58.8

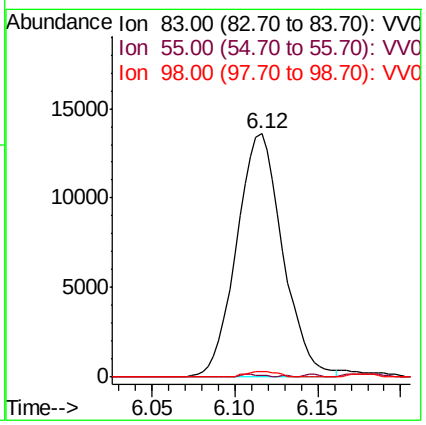


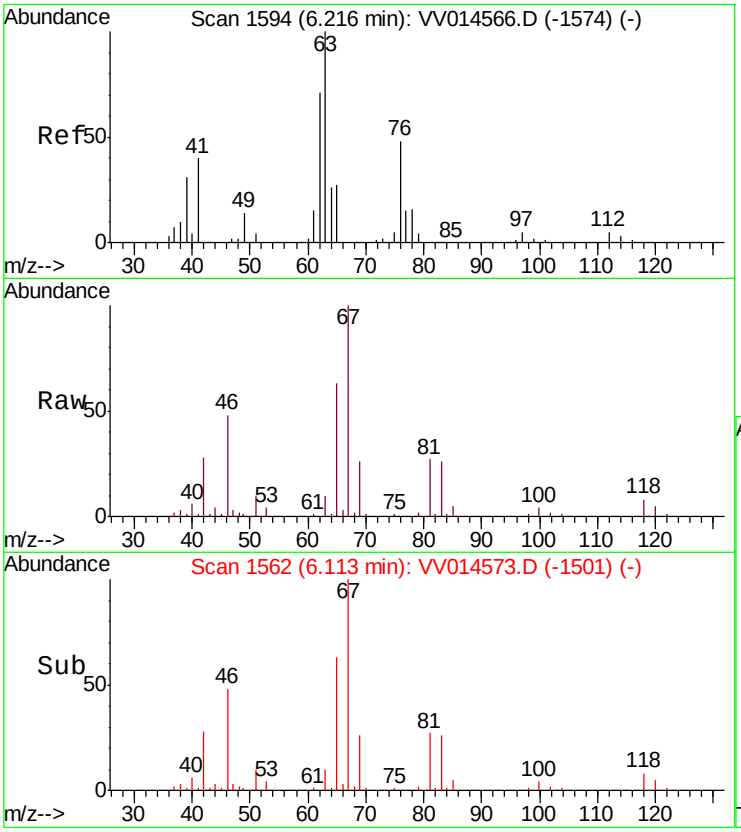


#35
Methylcyclohexane
Concen: 8.230 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014573.D
Acq: 12 Feb 2020 15:41

Tgt Ion: 83 Resp: 26325

Ion	Ratio	Lower	Upper
83	100		
55	0.5	57.8	86.6#
98	1.5	39.7	59.5#



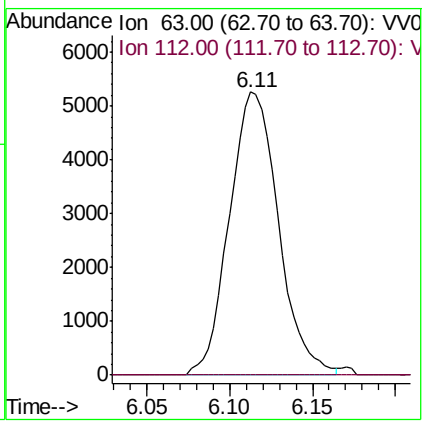


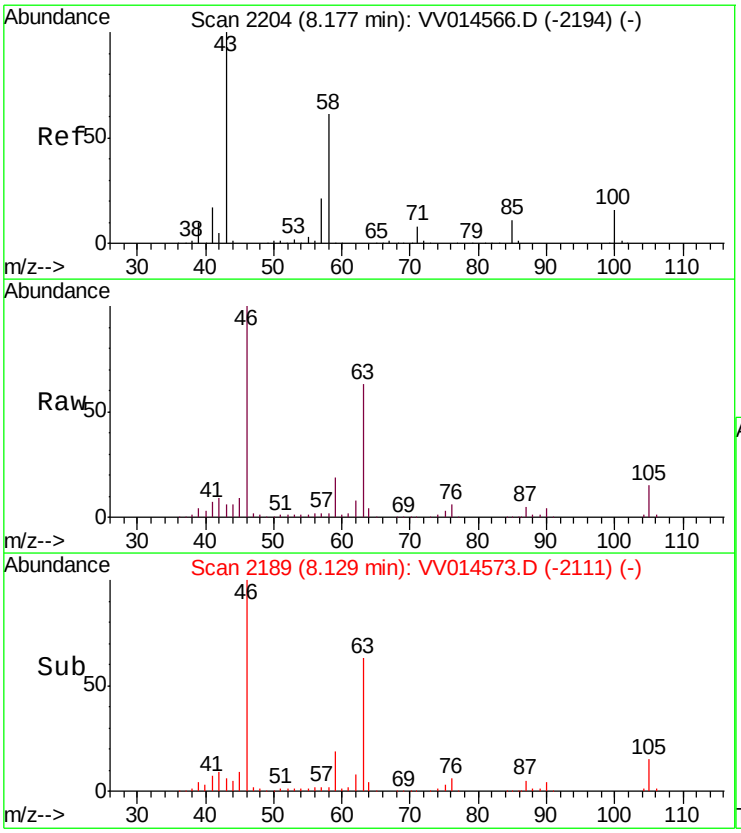
#37
1,2-Dichloropropane
Concen: 5.800 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014573.D
Acq: 12 Feb 2020 15:41

Instrument :
MSVOA_V
ClientSampleId :
BFRE4

Tgt Ion: 63 Resp: 10842

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#

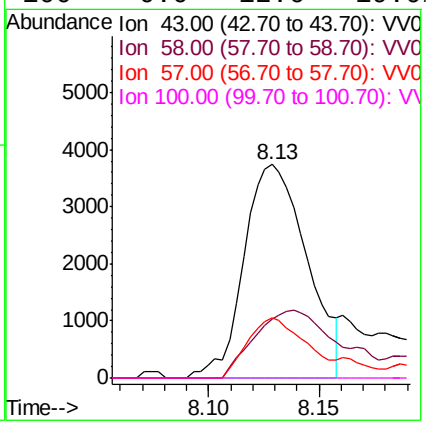


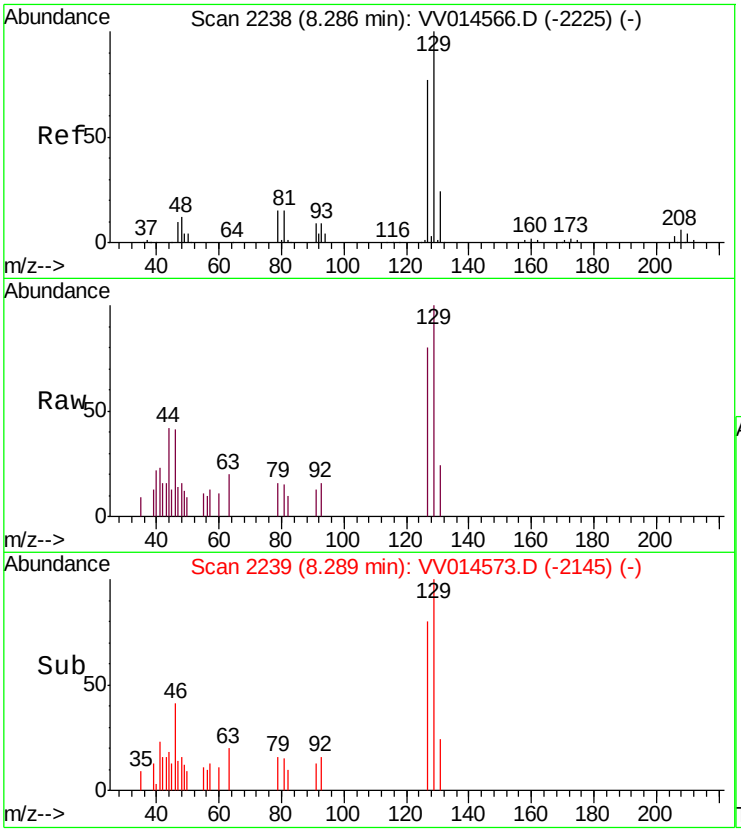


#48
2-Hexanone
Concen: 4.119 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014573.D
Acq: 12 Feb 2020 15:41

Tgt Ion: 43 Resp: 7415

Ion	Ratio	Lower	Upper
43	100		
58	37.1	50.4	75.6#
57	25.7	17.8	26.6
100	0.0	12.6	19.0#



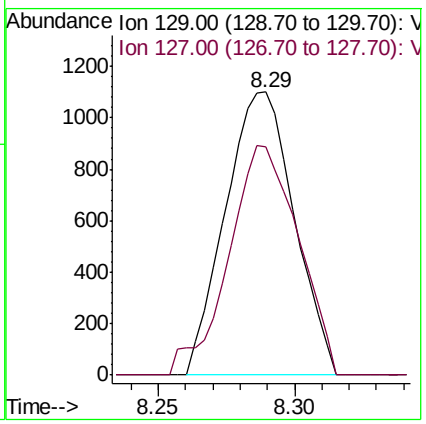


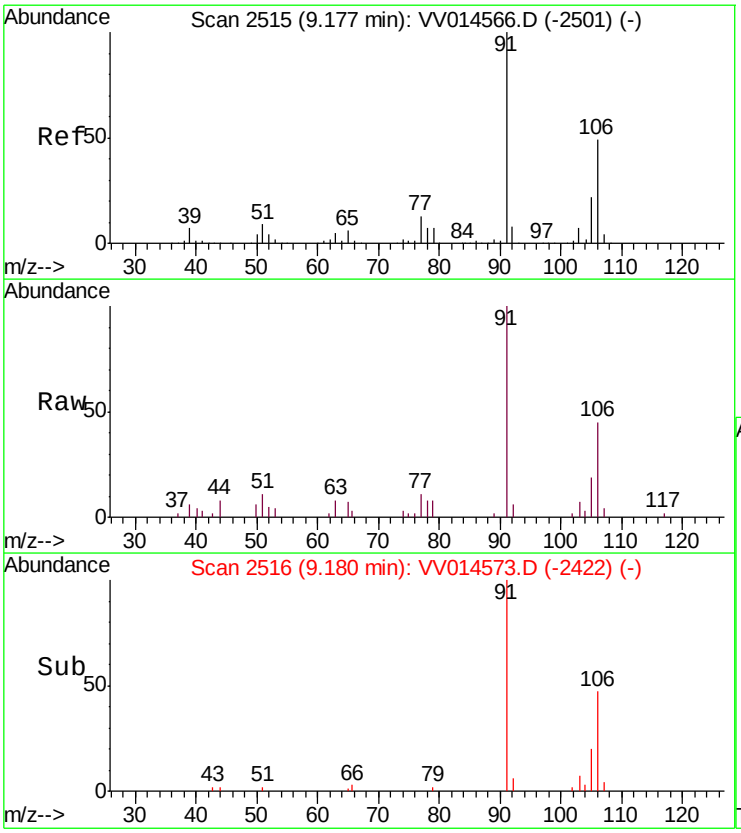
#49
Dibromochloromethane
Concen: 0.837 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV014573.D
Acq: 12 Feb 2020 15:41

Instrument :
MSVOA_V
ClientSampleId :
BFRE4

Tgt Ion:129 Resp: 1926

Ion	Ratio	Lower	Upper
129	100		
127	80.5	54.3	100.8

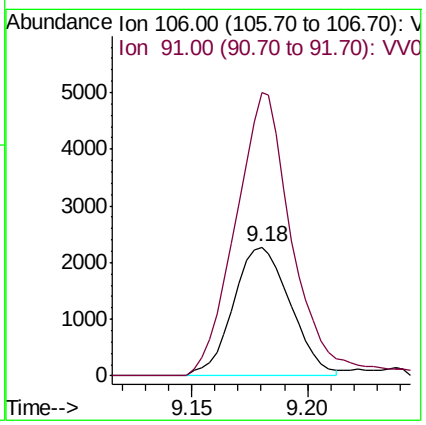


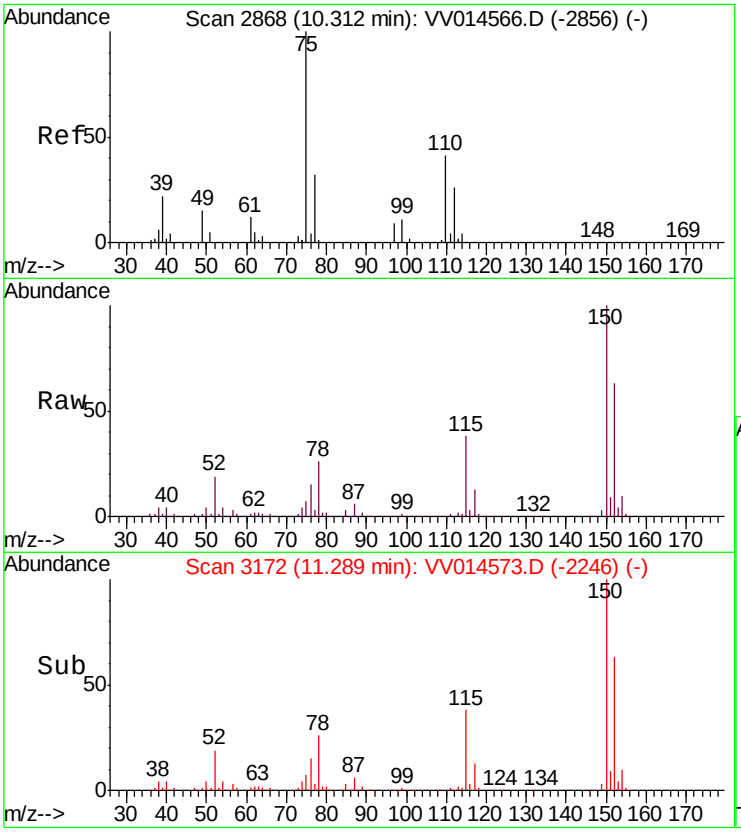


#53
m,p-Xylene
Concen: 1.065 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV014573.D
Acq: 12 Feb 2020 15:41

Tgt Ion:106 Resp: 3892

Ion	Ratio	Lower	Upper
106	100		
91	220.1	142.4	264.4



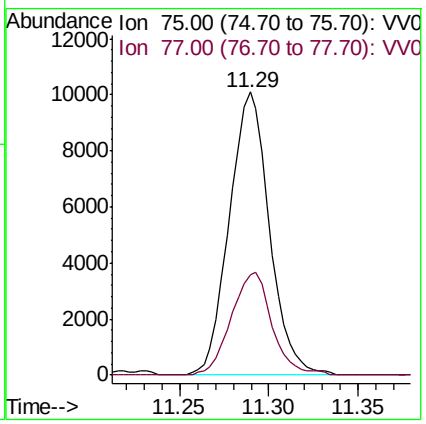


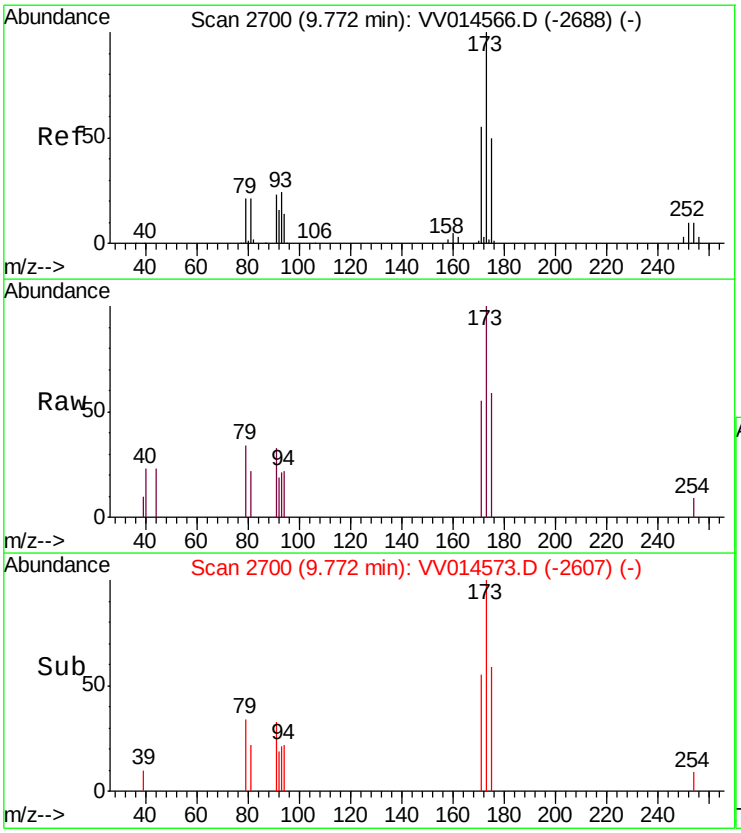
#59
1,2,3-Trichloropropane
Concen: 6.589 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014573.D
Acq: 12 Feb 2020 15:41

Instrument :
MSVOA_V
ClientSampleId :
BFRE4

Tgt Ion: 75 Resp: 15851

Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.9	38.9





#61
Bromoform
Concen: 1.346 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VV014573.D
Acq: 12 Feb 2020 15:41

Tgt Ion:173 Resp: 2048

Ion	Ratio	Lower	Upper
173	100		
175	54.1	39.3	58.9
254	5.5	7.1	10.7#