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

Quantitation Report (Not Reviewed)

Data File : VV014572.D
Acq On : 12 Feb 2020 15:17
Operator : SY/MD
Sample : L1489-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRE3

Quant Time: Feb 13 05:58:22 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	326690	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	307403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151925	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	57794	46.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.14%			
7) Chloroethane-d5	1.59	69	42522	48.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.38%			
11) 1,1-Dichloroethene-d2	2.13	63	74659	35.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.32%			
21) 2-Butanone-d5	3.92	46	96785	93.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.03%			
24) Chloroform-d	4.40	84	172529	47.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.30%			
26) 1,2-Dichloroethane-d4	5.08	65	110376	48.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.26%			
32) Benzene-d6	5.10	84	360384	49.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.04%			
36) 1,2-Dichloropropane-d6	6.11	67	107857	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.42%			
41) Toluene-d8	7.36	98	336132	47.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.06%			
43) trans-1,3-Dichloropropene-	7.66	79	57890	47.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.82%			
47) 2-Hexanone-d5	8.13	63	76492	86.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.45%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	143793	47.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.70%			
64) 1,2-Dichlorobenzene-d4	11.67	152	130843	48.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.50%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	768	0.713	ug/L #	17
12) 1,1-Dichloroethene	2.14	96	718	0.717	ug/L #	1
13) Acetone	2.19	43	4449	4.985	ug/L	98
34) Trichloroethene	5.96	95	4441	2.039	ug/L	79
35) Methylcyclohexane	6.12	83	28685	8.412	ug/L #	20
39) cis-1,3-Dichloropropene	7.03	75	3756	1.068	ug/L #	65
48) 2-Hexanone	8.13	43	7885	4.108	ug/L #	72
53) m,p-Xylene	9.18	106	7575	1.943	ug/L	98
54) o-xylene	9.58	106	2968	0.797	ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	16961	6.613	ug/L	91
61) Bromoform	9.77	173	1419	0.863	ug/L #	88

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

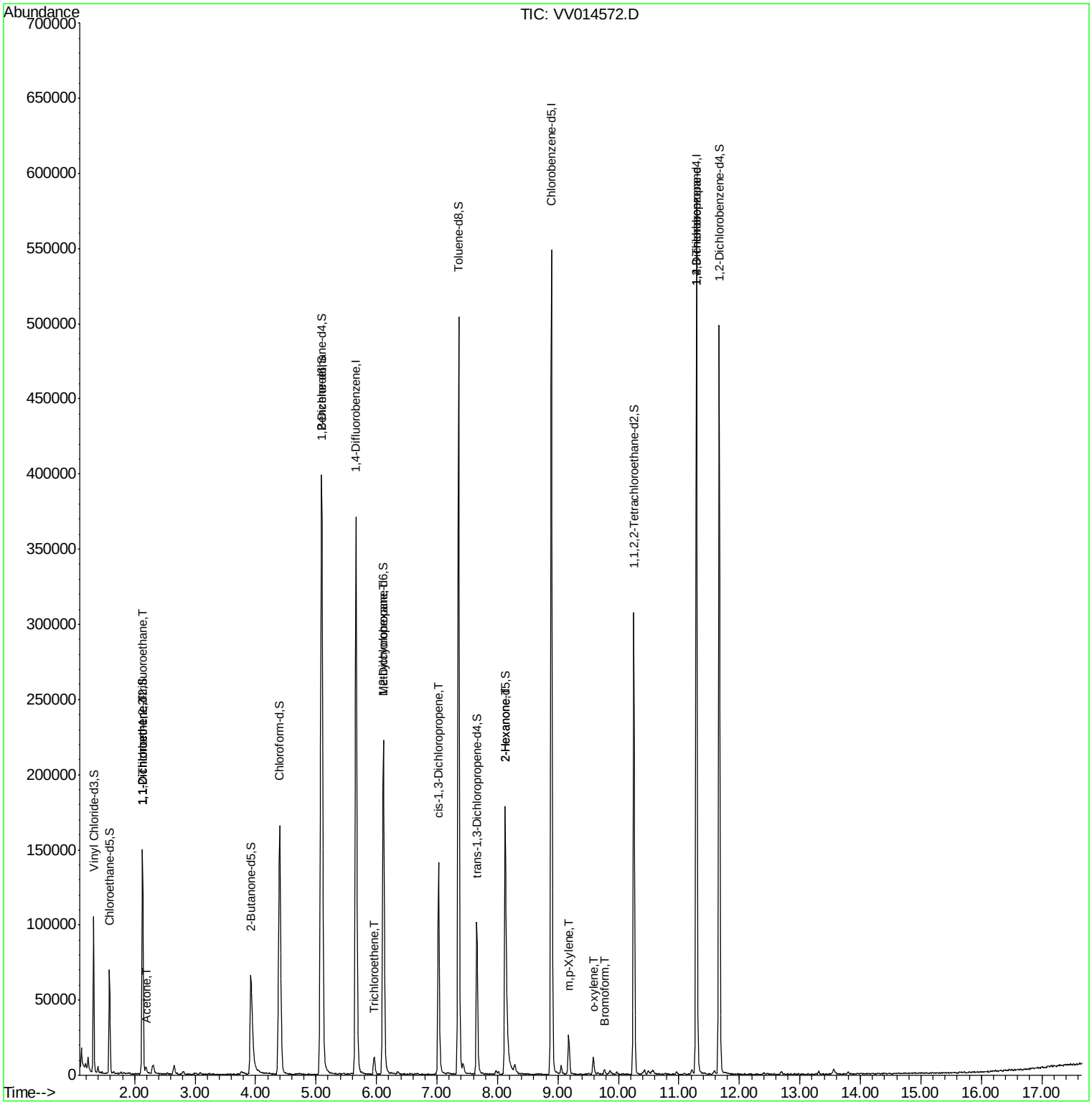
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021220\

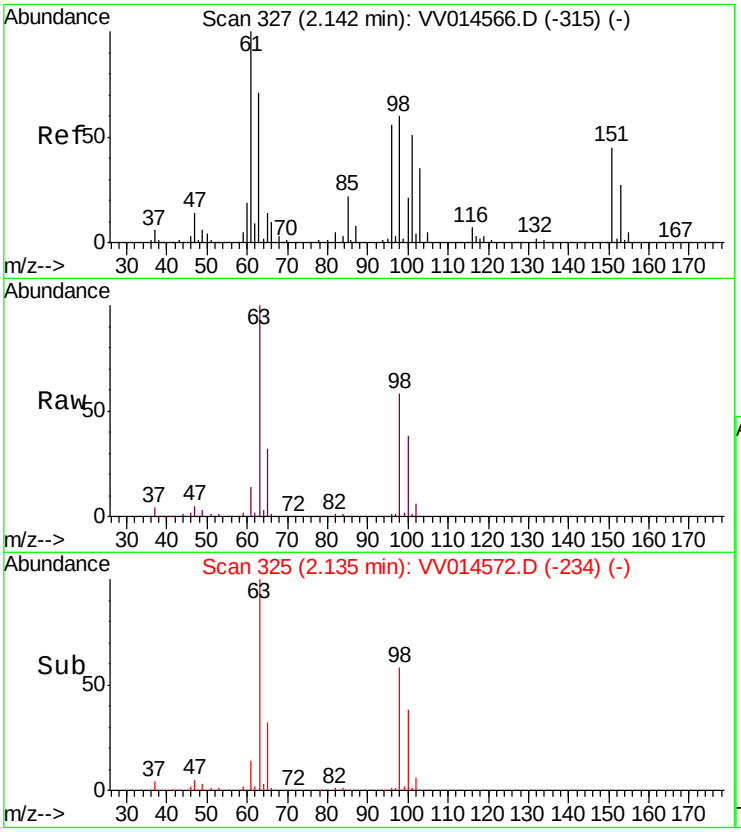
Quantitation Report (Not Reviewed)

Data File : VV014572.D
Acq On : 12 Feb 2020 15:17
Operator : SY/MD
Sample : L1489-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRE3

Quant Time: Feb 13 05:58:22 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



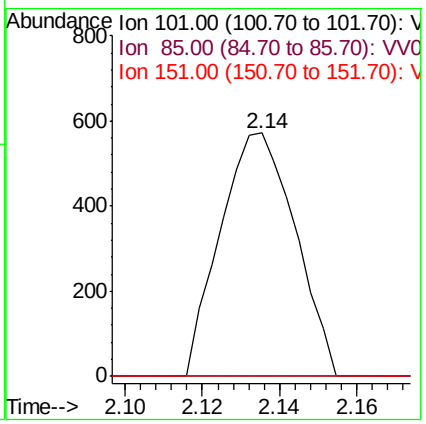


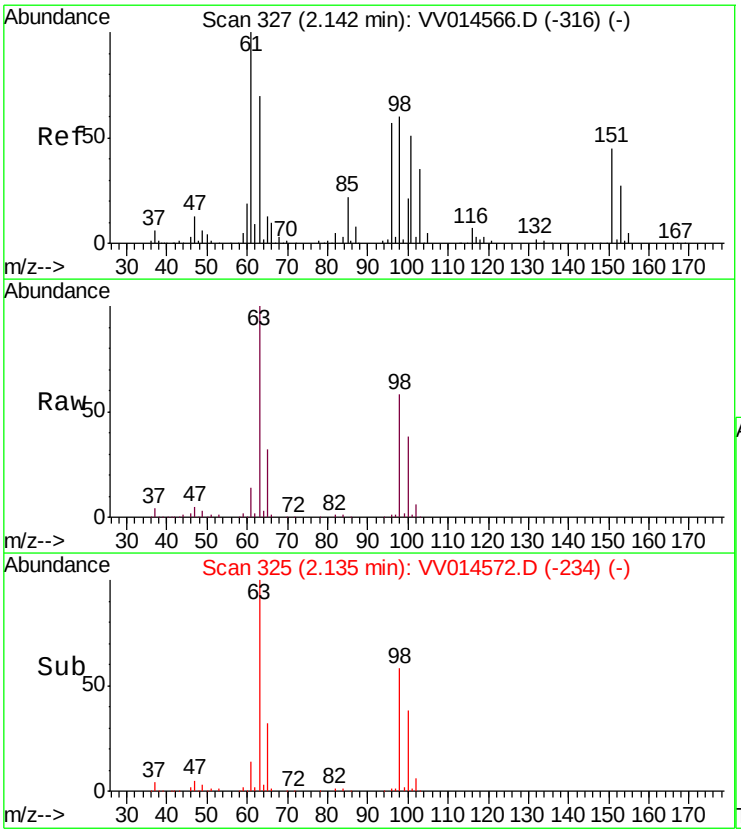
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.713 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Instrument :
MSVOA_V
ClientSampleId :
BFRE3

Tgt Ion:101 Resp: 768

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.0#
151	0.0	65.4	98.2#

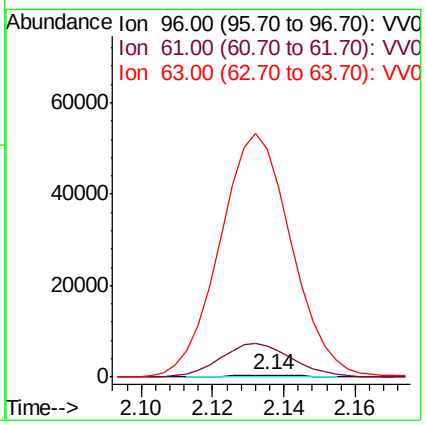


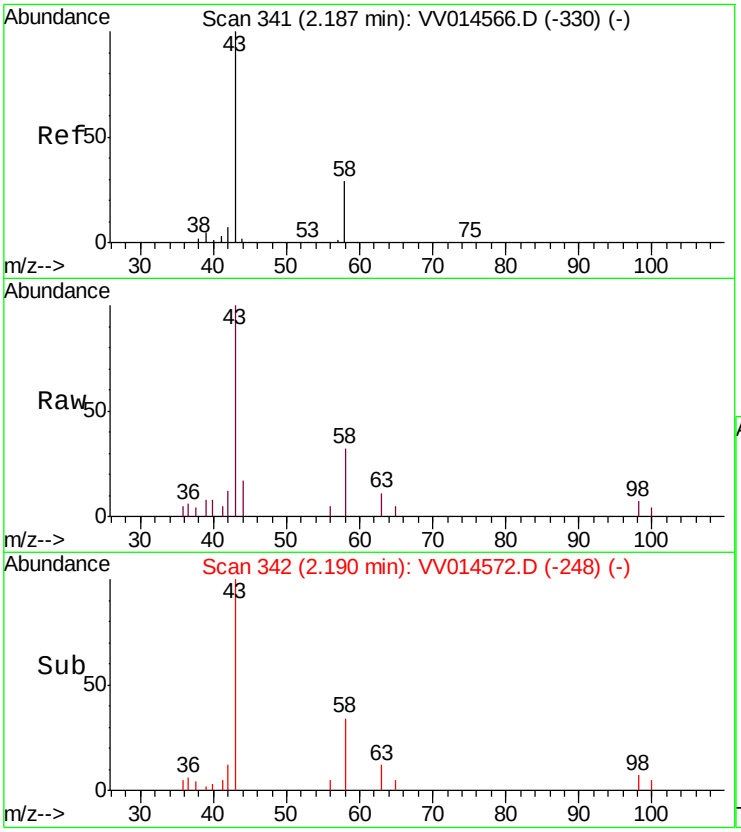


#12
1,1-Dichloroethene
Concen: 0.717 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Tgt Ion: 96 Resp: 718

Ion	Ratio	Lower	Upper
96	100		
61	1381.2	124.2	230.6#
63	10213.5	89.2	165.8#



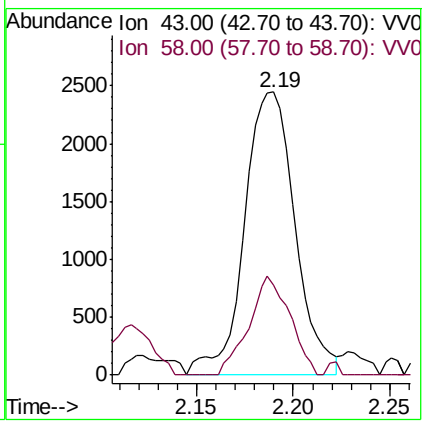


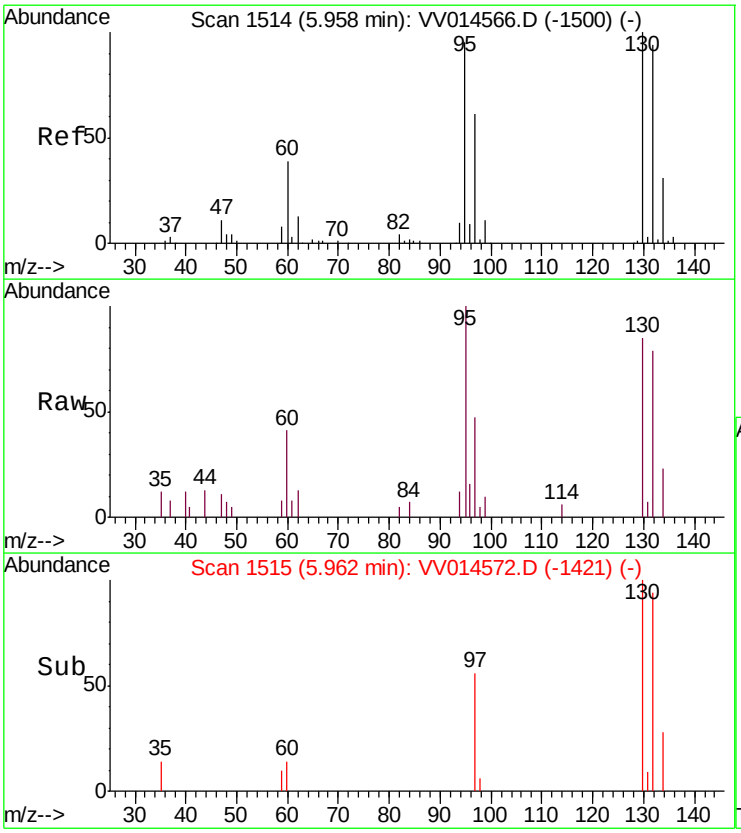
#13
Acetone
Concen: 4.985 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Instrument :
MSVOA_V
ClientSampleId :
BFRE3

Tgt Ion: 43 Resp: 4449

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	58.8

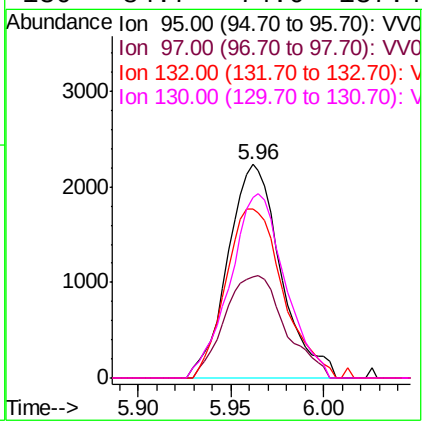


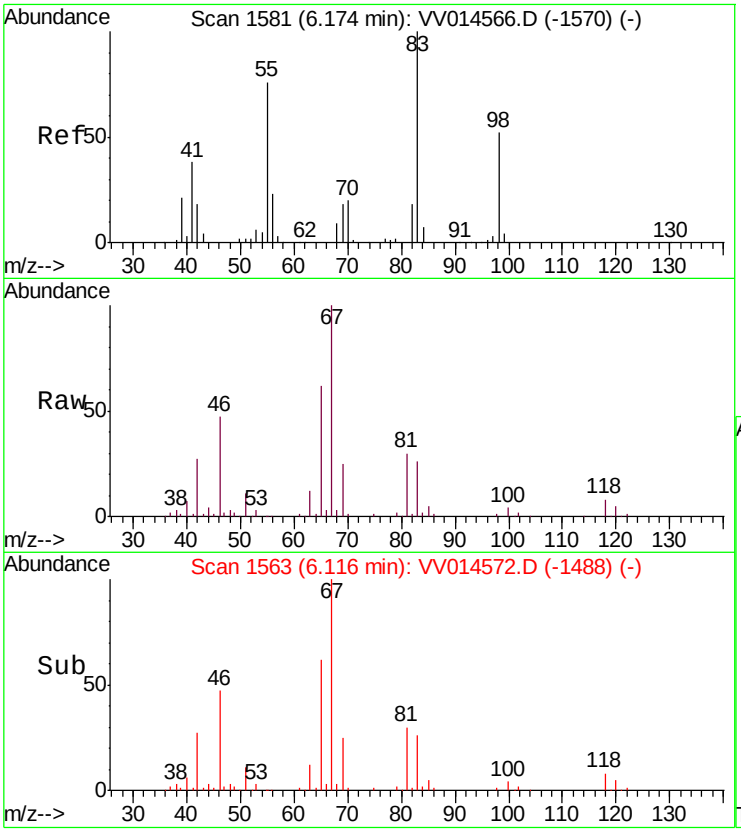


#34
Trichloroethene
Concen: 2.039 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Tgt Ion: 95 Resp: 4441

Ion	Ratio	Lower	Upper
95	100		
97	47.3	45.3	84.1
132	79.4	69.6	129.2
130	84.7	74.0	137.4



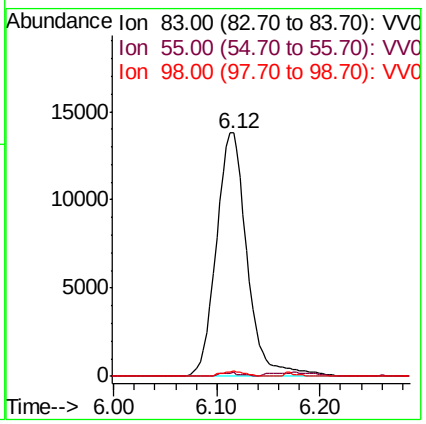


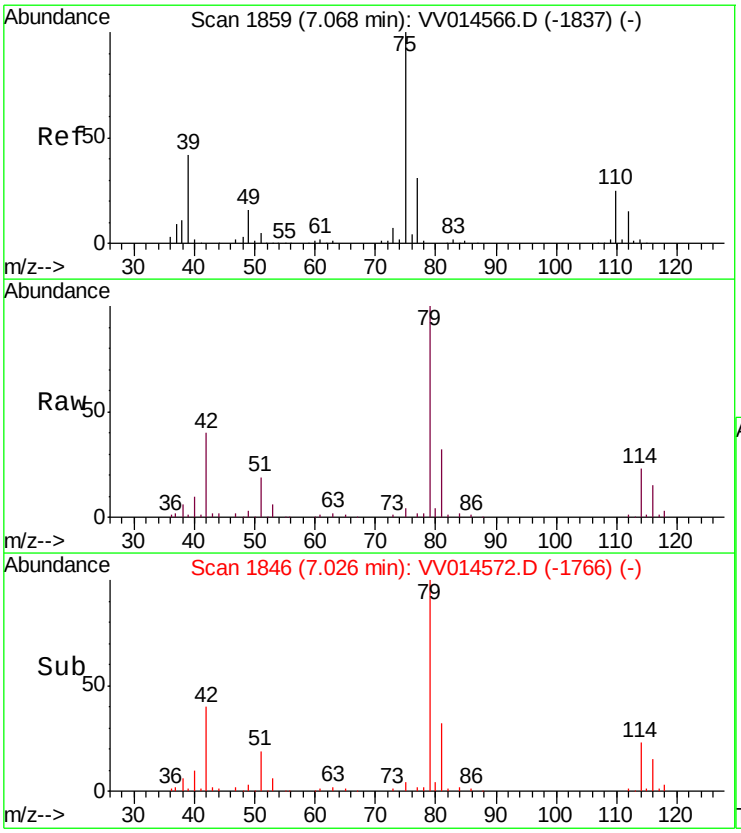
#35
Methylcyclohexane
Concen: 8.412 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Instrument :
MSVOA_V
ClientSampleId :
BFRE3

Tgt Ion: 83 Resp: 28685

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.8	86.6#
98	1.6	39.7	59.5#

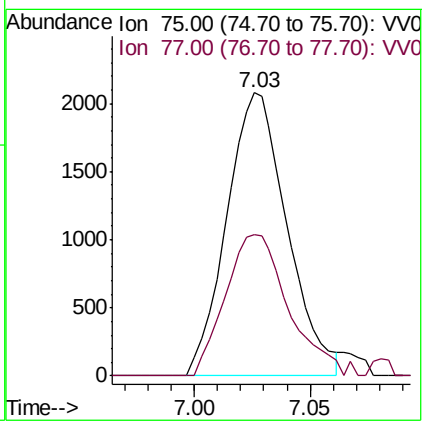


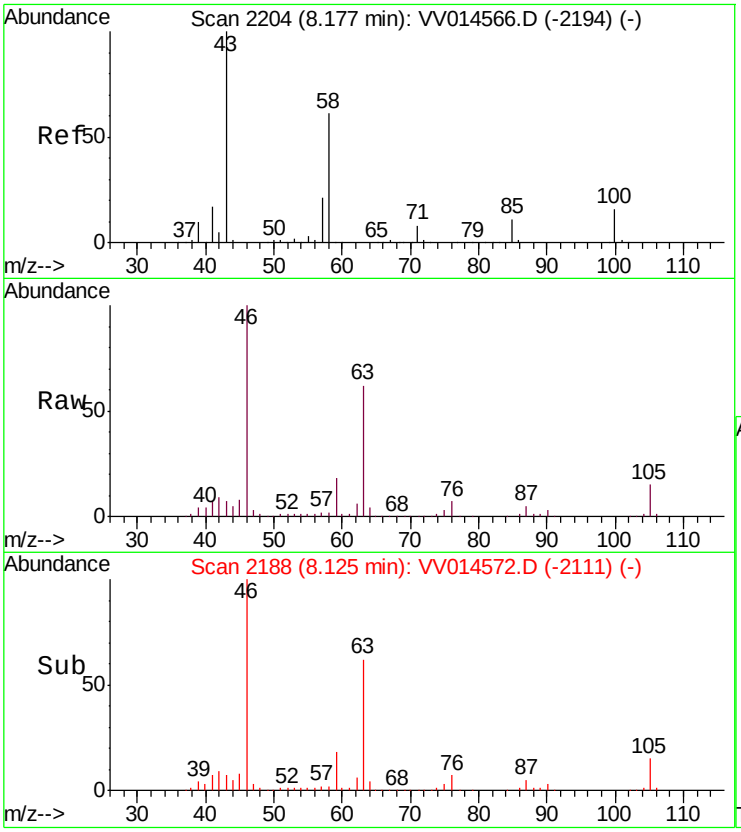


#39
cis-1,3-Dichloropropene
Concen: 1.068 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Tgt Ion: 75 Resp: 3756

Ion	Ratio	Lower	Upper
75	100		
77	50.1	21.7	40.3#



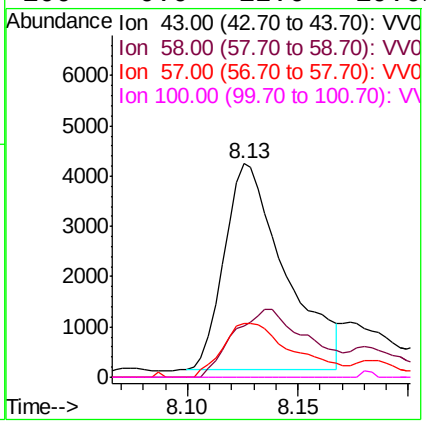


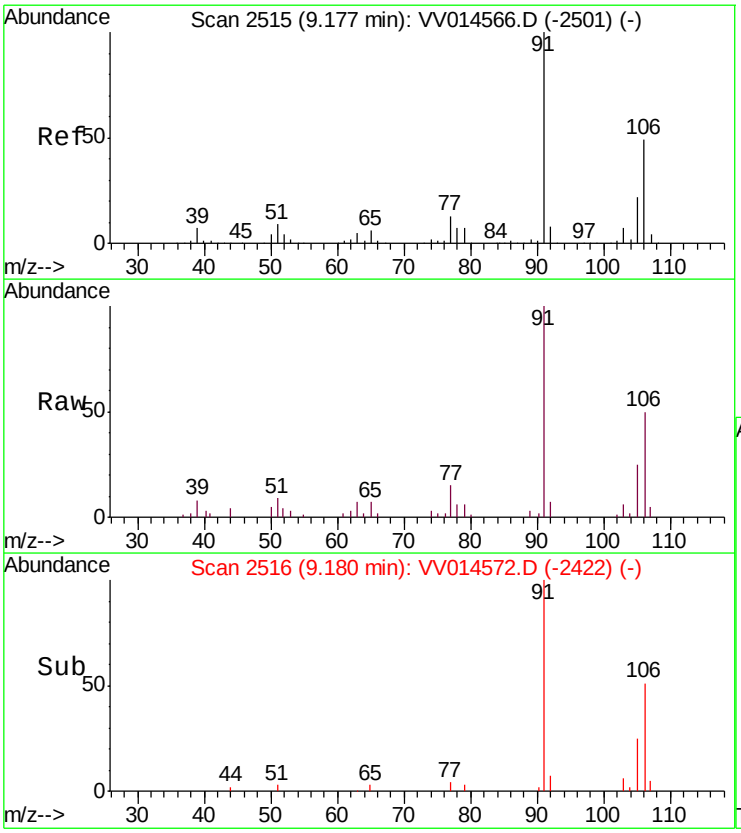
#48
2-Hexanone
Concen: 4.108 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Instrument : MSVOA_V
ClientSampleId : BFRE3

Tgt Ion: 43 Resp: 7885

Ion	Ratio	Lower	Upper
43	100		
58	40.6	50.4	75.6#
57	30.9	17.8	26.6#
100	0.0	12.6	19.0#

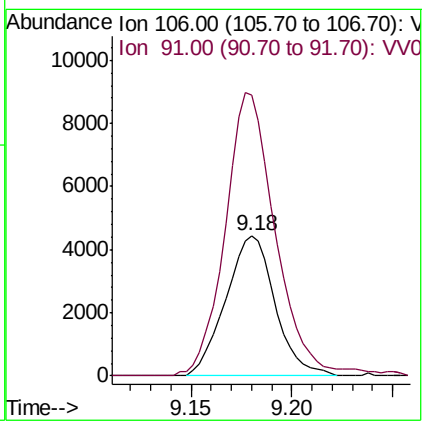


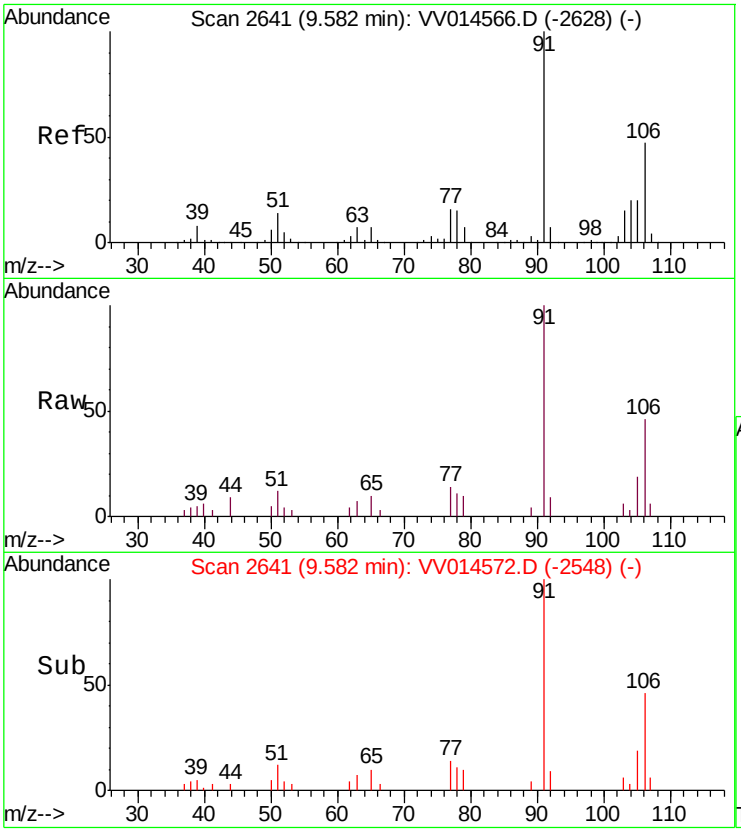


#53
m,p-Xylene
Concen: 1.943 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Tgt Ion:106 Resp: 7575

Ion	Ratio	Lower	Upper
106	100		
91	200.5	142.4	264.4



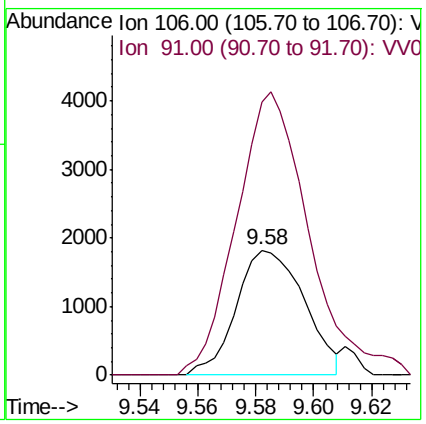


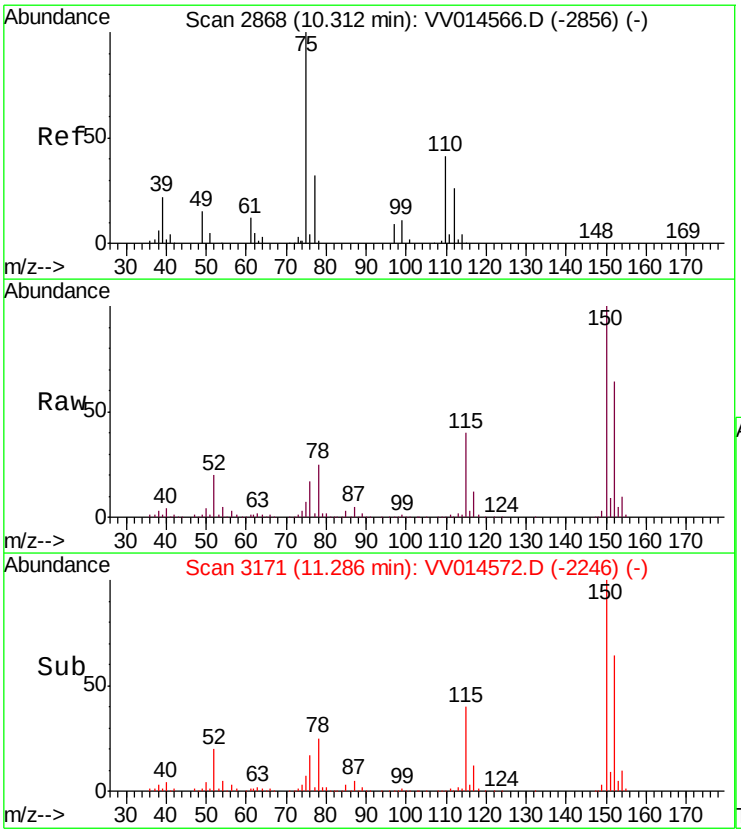
#54
o-xylene
Concen: 0.797 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Instrument :
MSVOA_V
ClientSampleId :
BFRE3

Tgt Ion:106 Resp: 2968

Ion	Ratio	Lower	Upper
106	100		
91	219.5	150.5	279.5

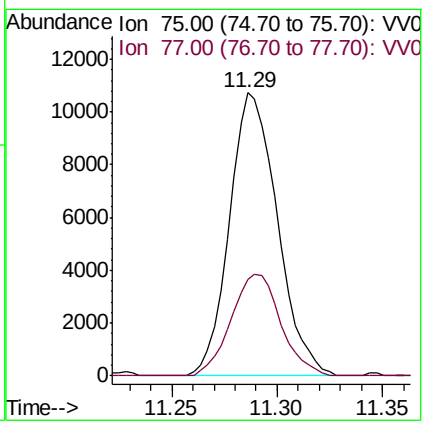


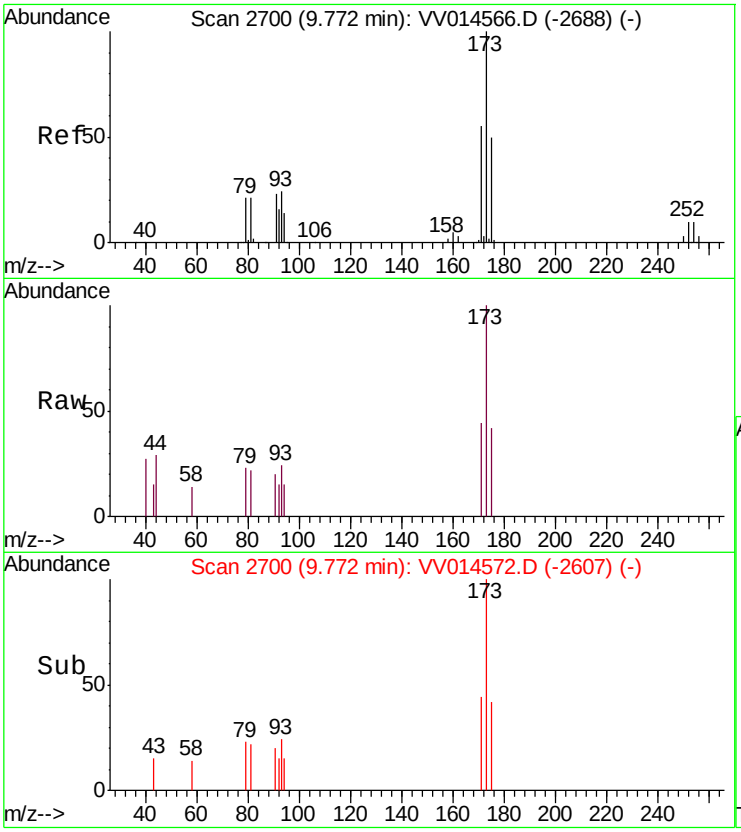


#59
1,2,3-Trichloropropane
Concen: 6.613 ug/L
RT: 11.29 min Scan# 3171
Delta R.T. 0.97 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Tgt Ion: 75 Resp: 16961

Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.9	38.9





#61
Bromoform
Concen: 0.863 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VV014572.D
Acq: 12 Feb 2020 15:17

Instrument :
MSVOA_V
ClientSampleId :
BFRE3

Tgt Ion:173 Resp: 1419

Ion	Ratio	Lower	Upper
173	100		
175	42.6	39.3	58.9
254	0.0	7.1	10.7#