Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008315.D
Acq On : 17 Oct 2018 00:20
Operator : SY/MD
Sample : J5463-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JB3

Quant Time: Oct 17 05:05:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	74963	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	66893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26270	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20746	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.58	69	15501	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.14	63	33350	4.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.00%			
20) 2-Butanone-d5	3.96	46	68717	48.36	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.72%			
24) Chloroform-d	4.41	84	41049	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.09	65	22116	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.10	84	88055	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.12	67	30012	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.36	98	77565	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	7.67	79	10383	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.14	63	40734	43.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.64%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17841	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	22830	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	1624	0.281	ug/L	90
3) Chloromethane	1.25	50	935	0.159	ug/L	89
5) Vinyl chloride	1.33	62	11563	2.073	ug/L #	68
8) Chloroethane	1.61	64	278	0.096	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	950	0.245	ug/L #	66
12) 1,1-Dichloroethene	2.15	96	4473	1.242	ug/L #	4
13) Acetone	2.20	43	1783	2.319	ug/L	75
15) Methyl Acetate	2.47	43	251	0.131	ug/L #	50
17) Methyl tert-butyl Ether	2.81	73	1698	0.166	ug/L #	69
18) trans-1,2-Dichloroethene	2.79	96	1069	0.276	ug/L	98
19) 1,1-Dichloroethane	3.24	63	3234	0.404	ug/L	90
22) cis-1,2-Dichloroethene	3.97	96	112219	17.939	ug/L #	100
25) Chloroform	4.44	83	2153	0.219	ug/L	92
29) 1,1,1-Trichloroethane	4.66	97	1790	0.215	ug/L	98
34) Trichloroethene	5.96	95	167498	26.813	ug/L	97
35) Methylcyclohexane	6.13	83	6383	0.606	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3141	0.516	ug/L #	90

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008315.D
Acq On : 17 Oct 2018 00:20
Operator : SY/MD
Sample : J5463-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JB3

Quant Time: Oct 17 05:05:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) cis-1,3-Dichloropropene	7.04	75	813	0.094	ug/L	#	71
47) Tetrachloroethene	8.02	164	55563	14.196	ug/L		96
48) 2-Hexanone	8.19	43	14692	5.396	ug/L	#	90
49) Dibromochloromethane	8.02	129	55670	12.935	ug/L	#	10

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
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Acq On : 17 Oct 2018 00:20
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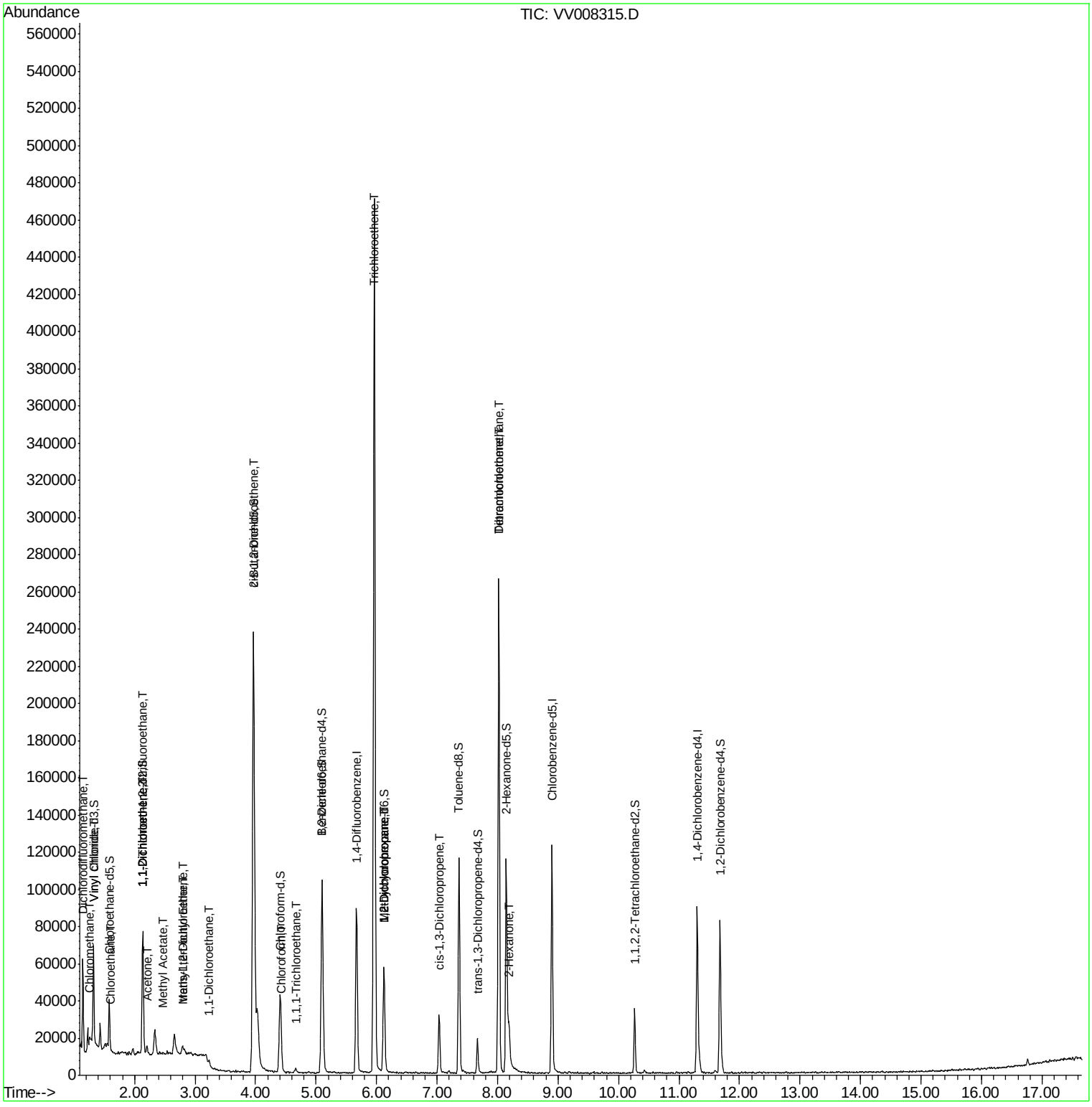
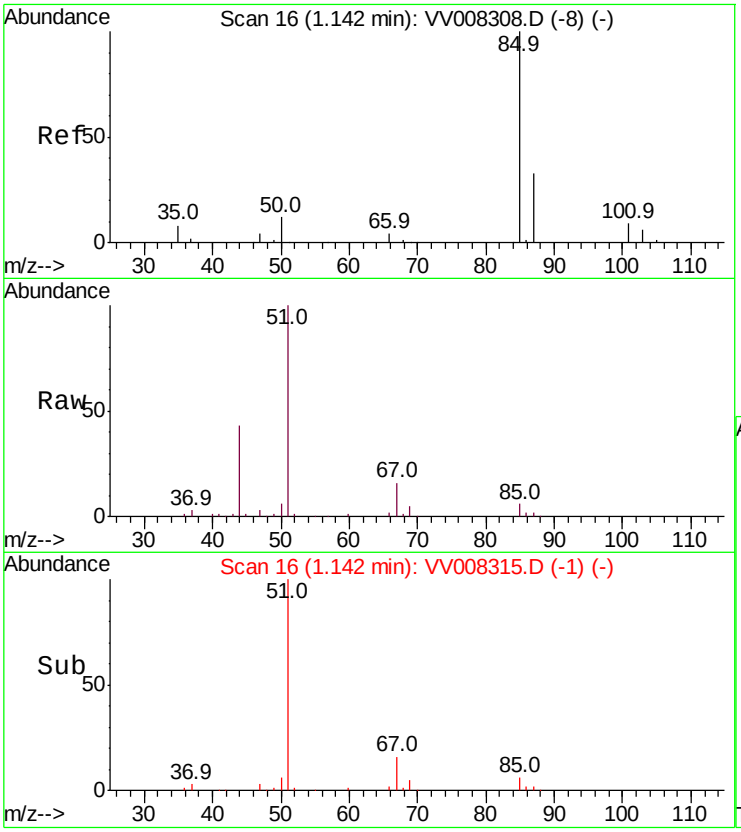
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration



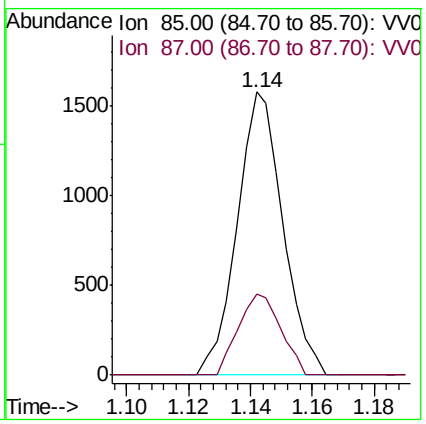


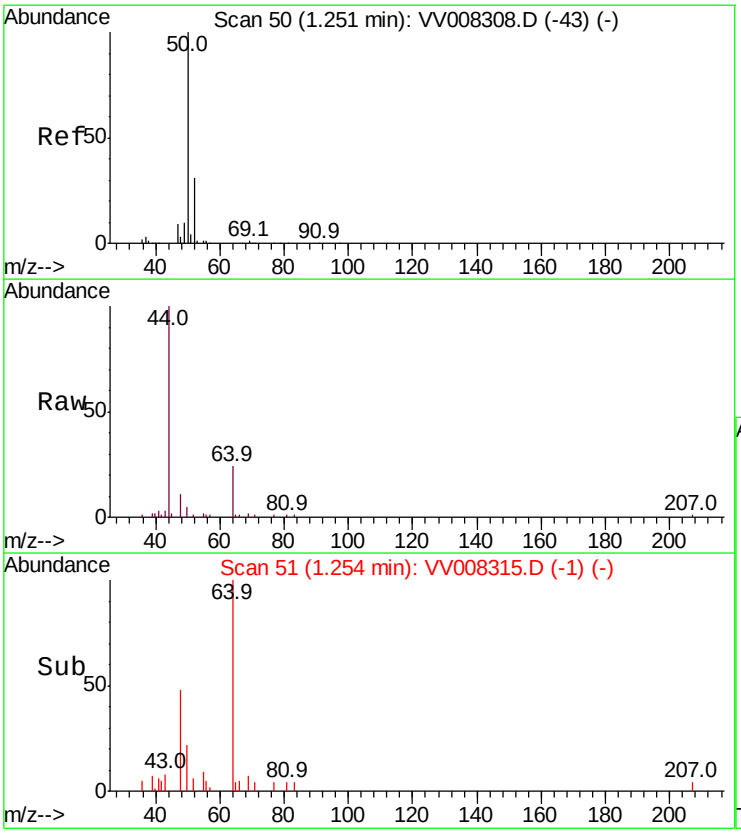
#2
Dichlorodifluoromethane
Concen: 0.281 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument :
MSVOA_V
ClientSampleId :
C0JB3

Tgt Ion: 85 Resp: 1624

Ion	Ratio	Lower	Upper
85	100		
87	26.5	25.8	38.6

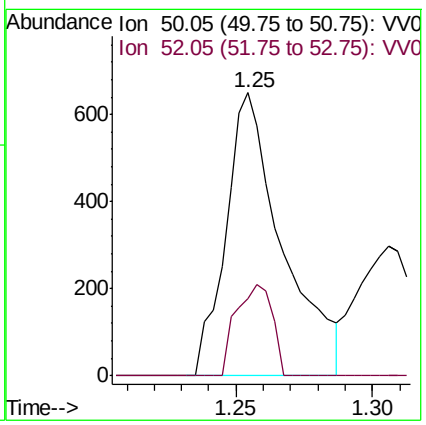


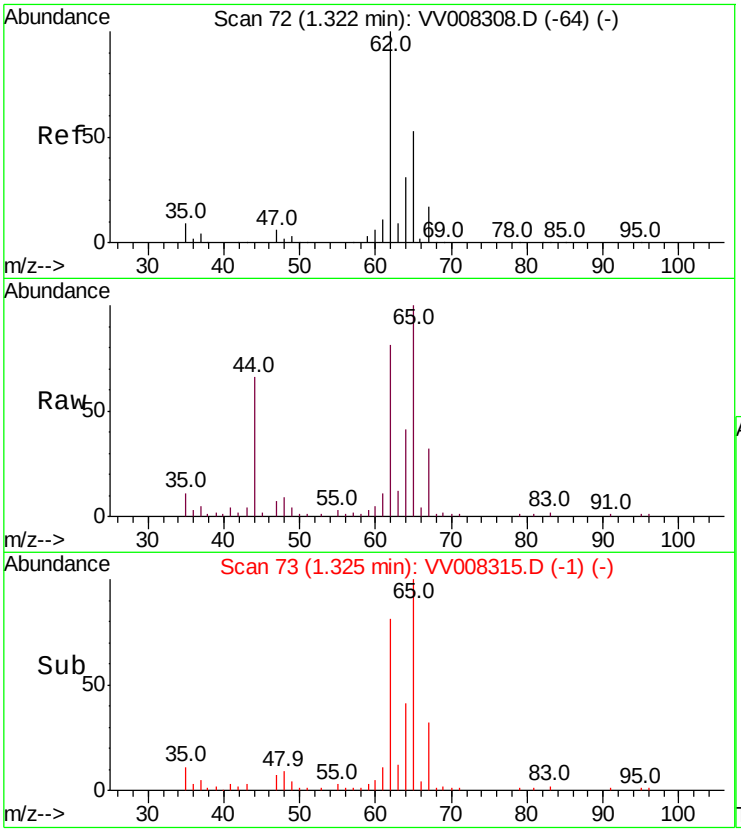


#3
Chloromethane
Concen: 0.159 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 50 Resp: 935

Ion	Ratio	Lower	Upper
50	100		
52	27.2	23.7	43.9



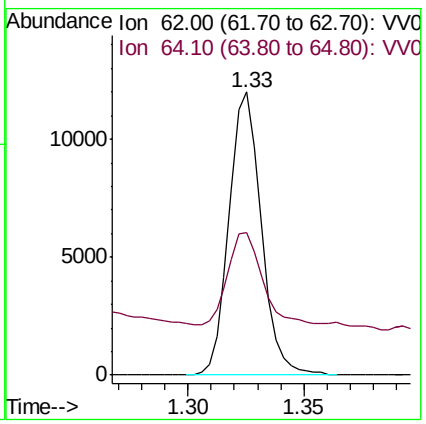


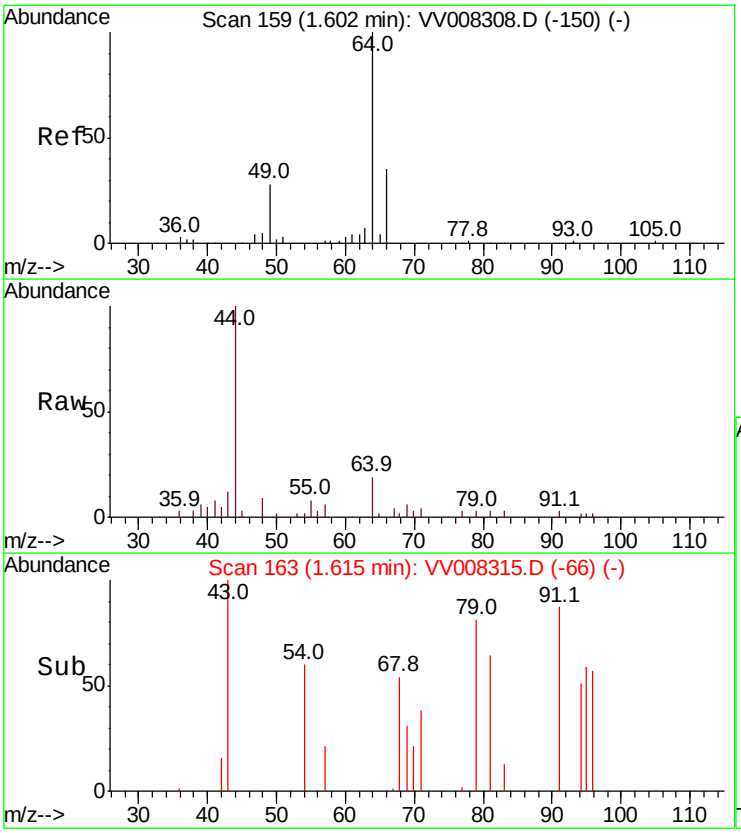
#5
Vinyl chloride
Concen: 2.073 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument : MSVOA_V
ClientSampleId : C0JB3

Tgt Ion: 62 Resp: 11563

Ion	Ratio	Lower	Upper
62	100		
64	50.5	22.9	42.5#

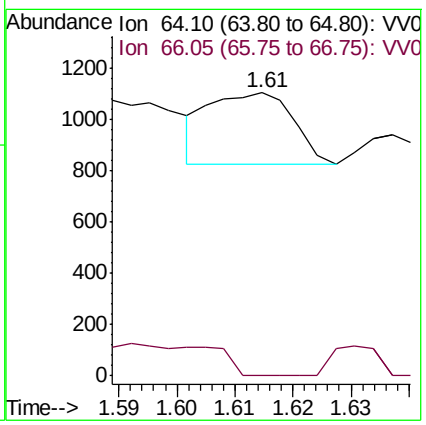


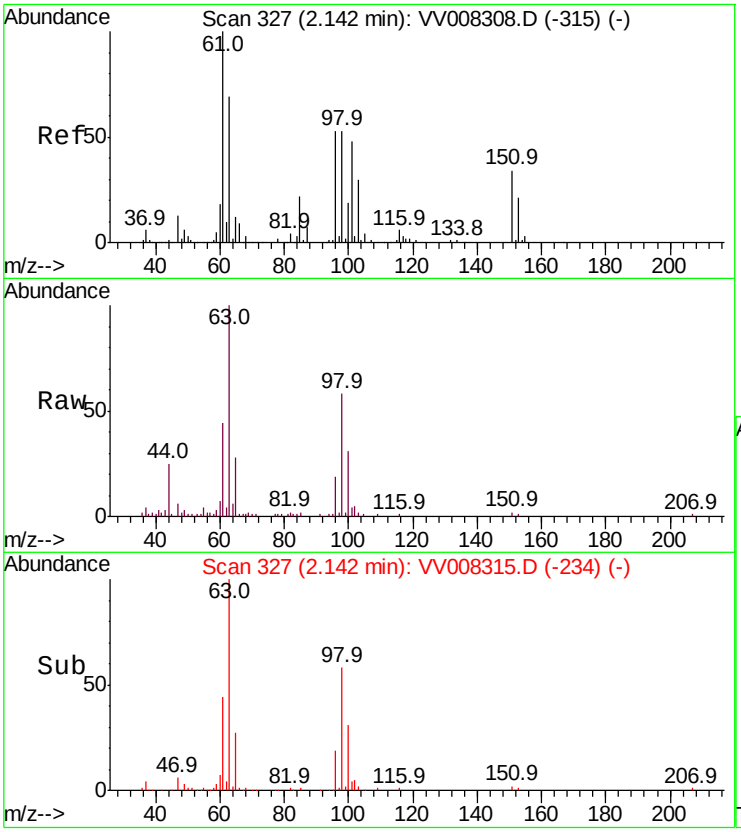


#8
Chloroethane
Concen: 0.096 ug/L
RT: 1.61 min Scan# 163
Delta R.T. 0.01 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 64 Resp: 278

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.9#



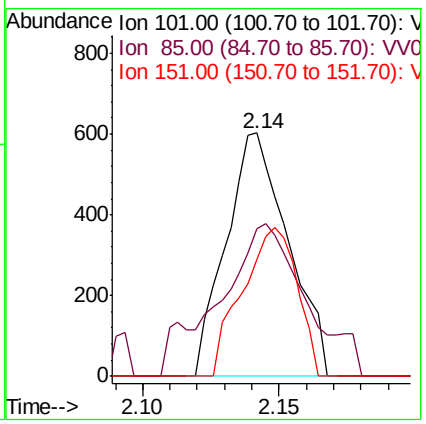


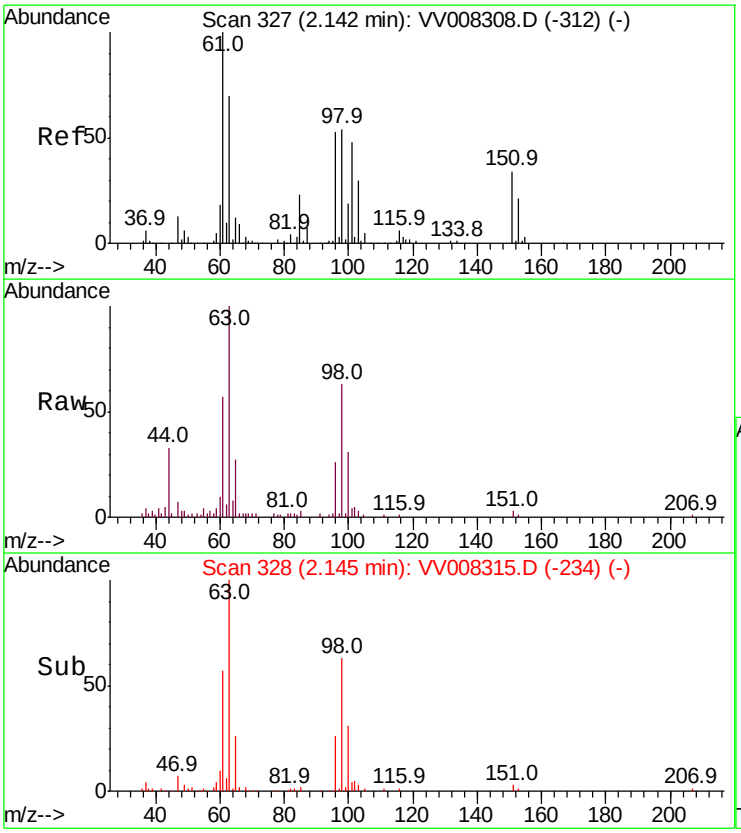
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.245 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument : MSVOA_V
ClientSampleId : C0JB3

Tgt Ion:101 Resp: 950

Ion	Ratio	Lower	Upper
101	100		
85	80.9	37.4	56.2#
151	54.2	59.0	88.6#

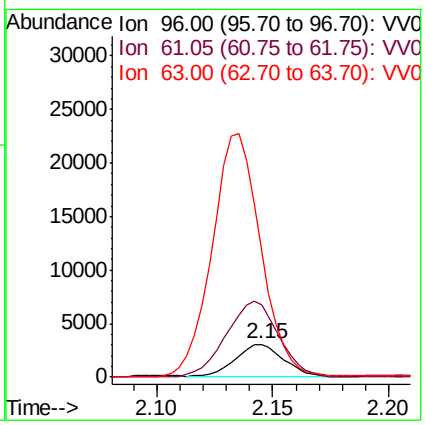


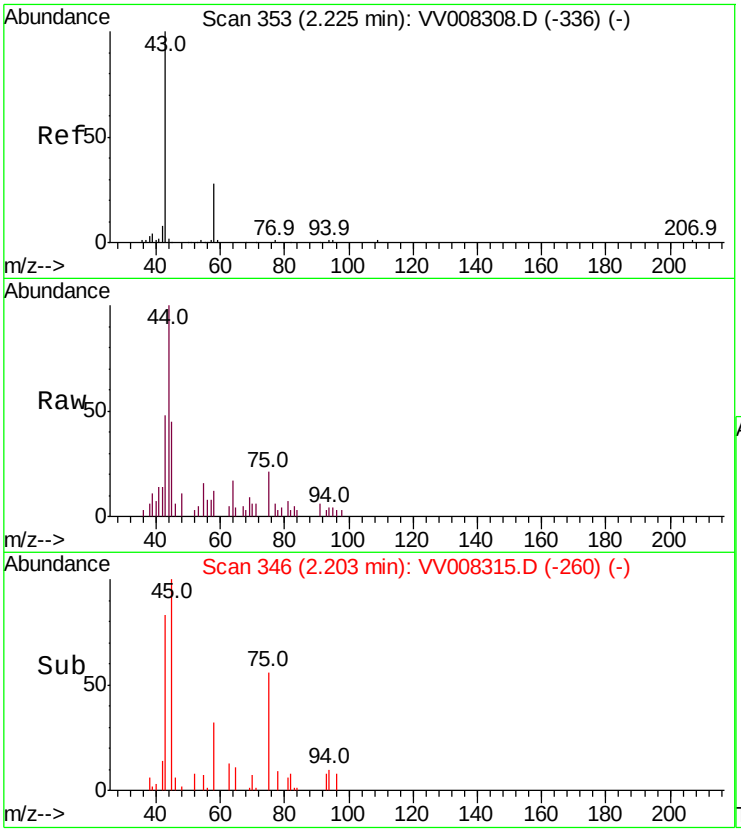


#12
1,1-Dichloroethene
Concen: 1.242 ug/L
RT: 2.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 96 Resp: 4473

Ion	Ratio	Lower	Upper
96	100		
61	218.9	129.9	241.3
63	382.0	103.0	191.4#



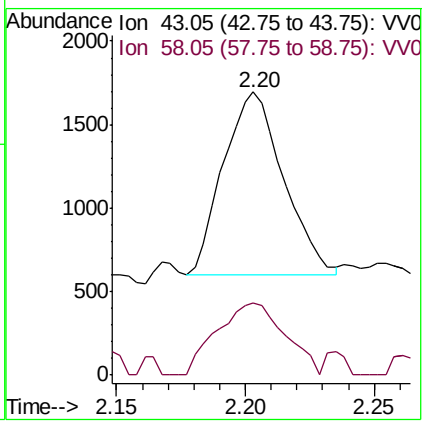


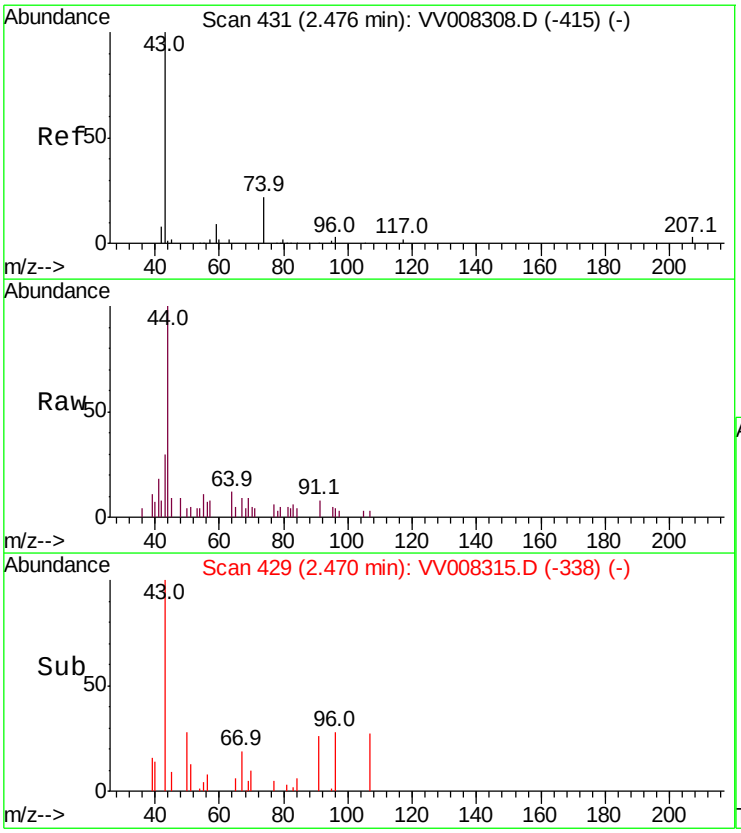
#13
Acetone
Concen: 2.319 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.02 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument :
MSVOA_V
ClientSampleId :
C0JB3

Tgt Ion: 43 Resp: 1783

Ion	Ratio	Lower	Upper
43	100		
58	44.5	0.0	62.0

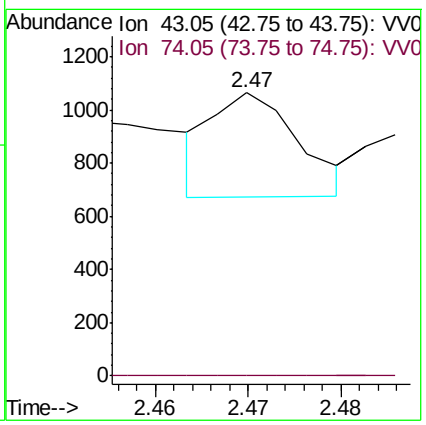


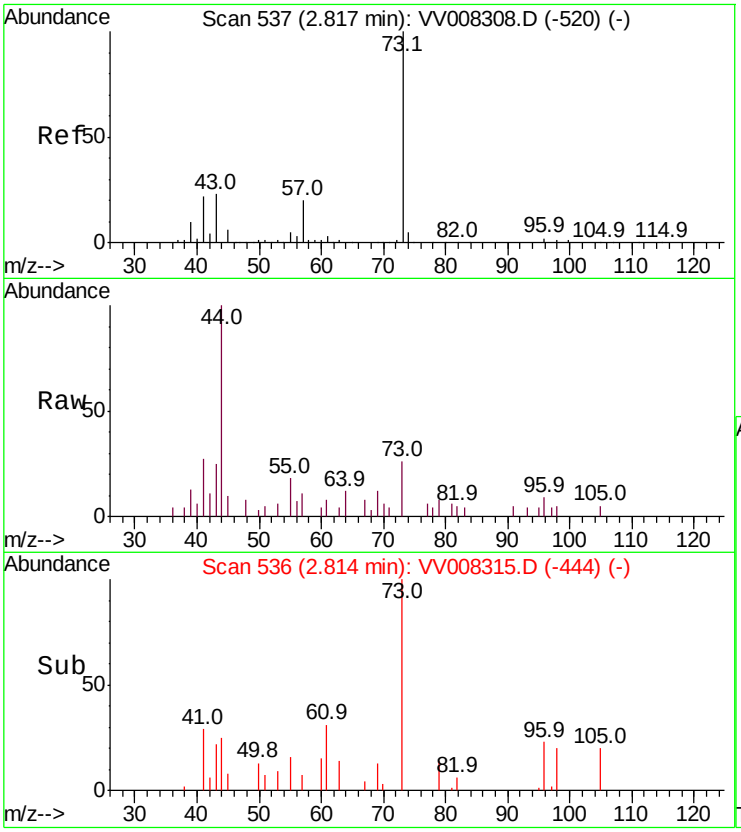


#15
Methyl Acetate
Concen: 0.131 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.01 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 43 Resp: 251

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.0	30.0#



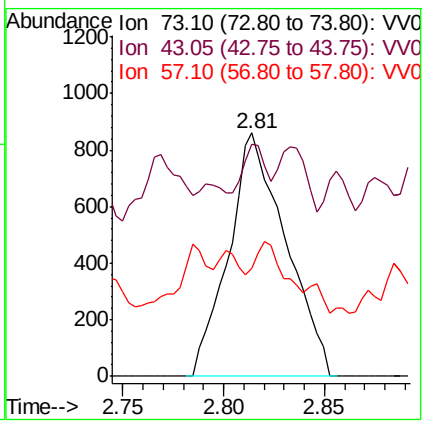


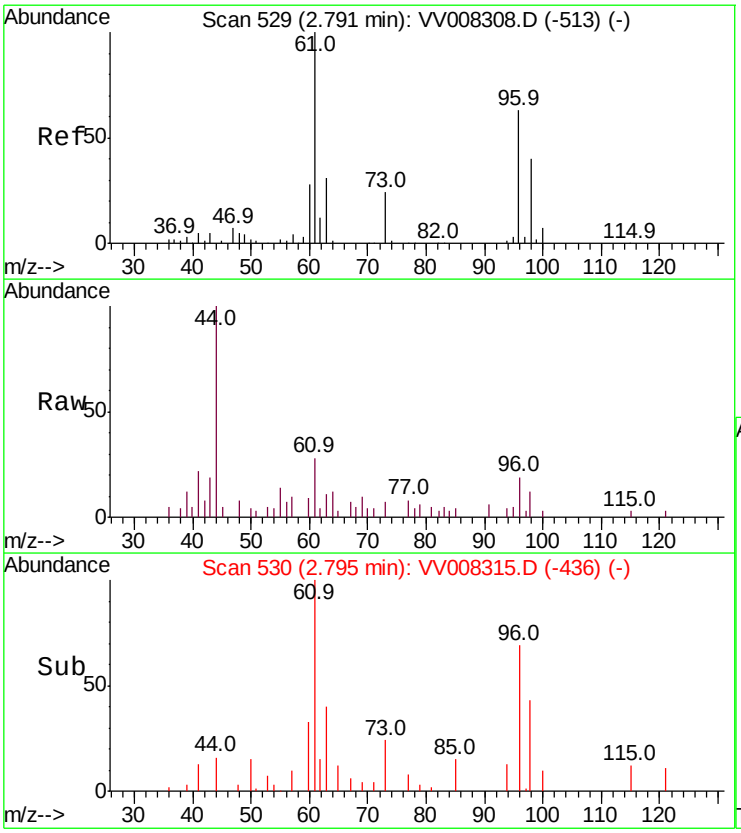
#17
Methyl tert-butyl Ether
Concen: 0.166 ug/L
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument : MSVOA_V
ClientSampleId : C0JB3

Tgt Ion: 73 Resp: 1698

Ion	Ratio	Lower	Upper
73	100		
43	7.2	19.0	28.6#
57	9.4	18.2	27.2#

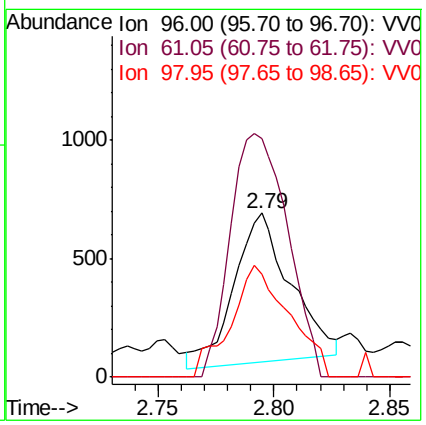


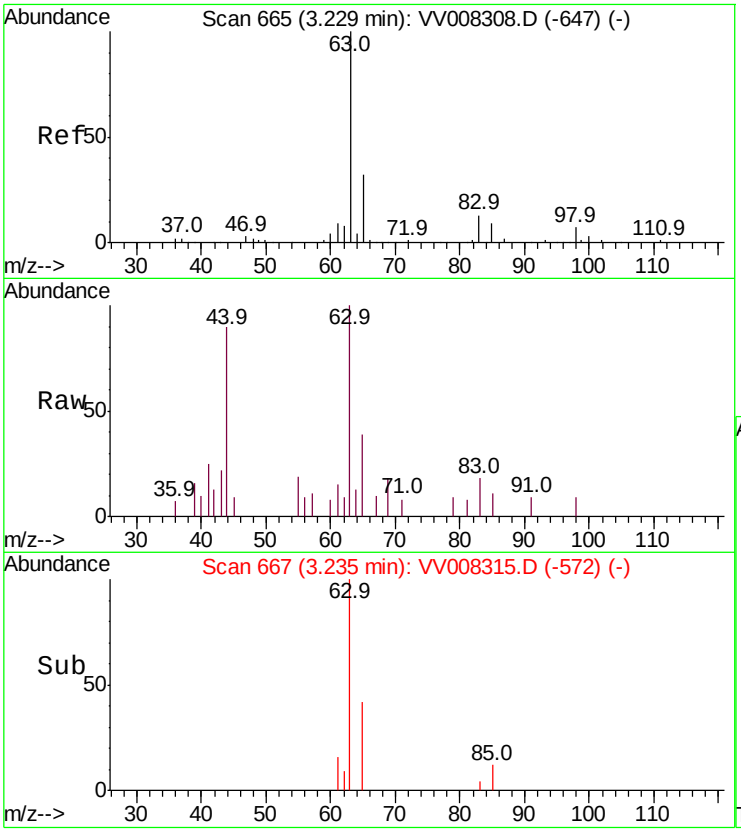


#18
trans-1,2-Dichloroethene
Concen: 0.276 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 96 Resp: 1069

Ion	Ratio	Lower	Upper
96	100		
61	145.2	104.6	194.2
98	63.0	44.1	81.9



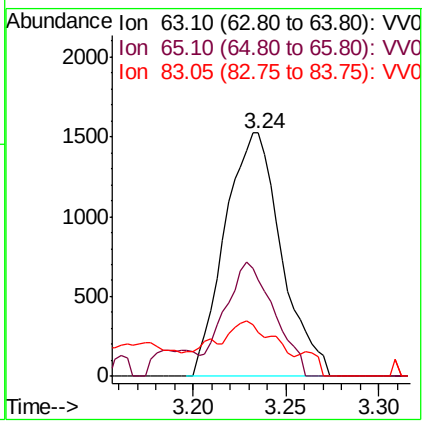


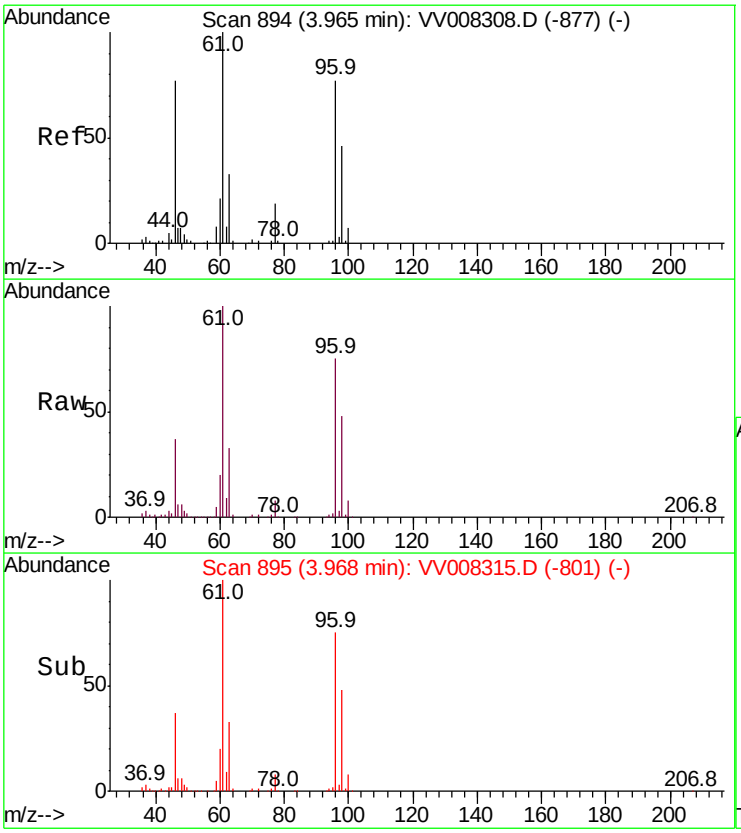
#19
1,1-Dichloroethane
Concen: 0.404 ug/L
RT: 3.24 min Scan# 667
Delta R.T. 0.01 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument :
MSVOA_V
ClientSampleId :
C0JB3

Tgt Ion: 63 Resp: 3234

Ion	Ratio	Lower	Upper
63	100		
65	39.3	22.6	42.0
83	18.1	11.0	20.4

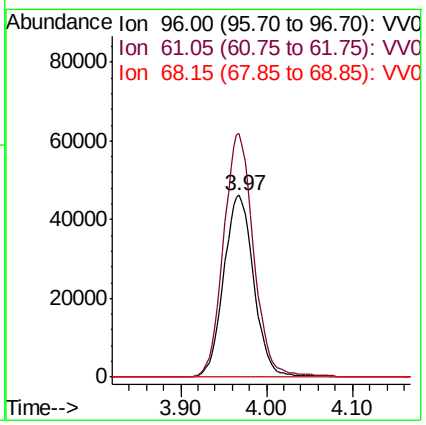


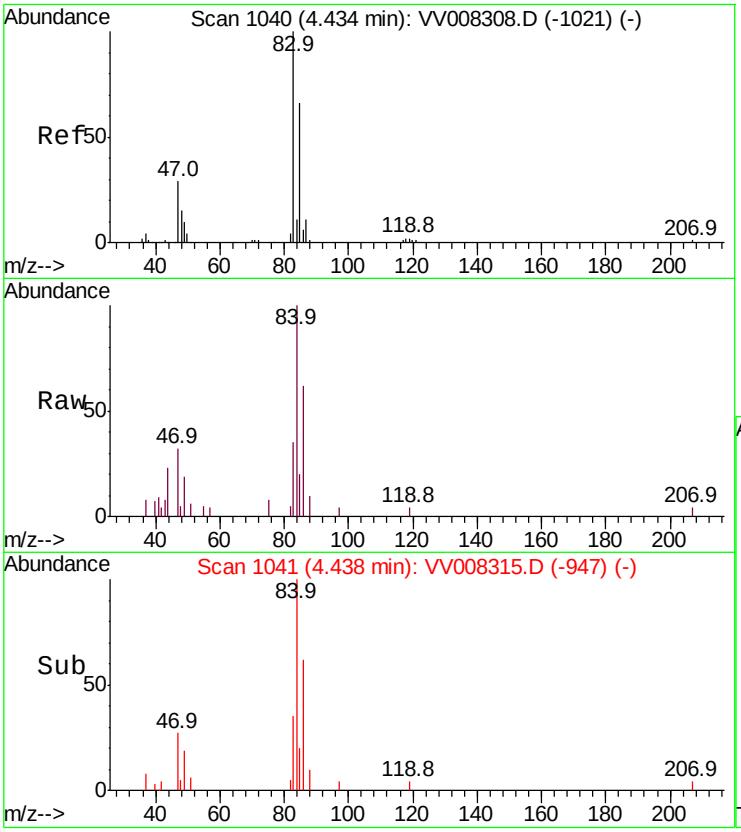


#22
cis-1,2-Dichloroethene
Concen: 17.939 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 96 Resp: 112219

Ion	Ratio	Lower	Upper
96	100		
61	134.1	93.7	174.1
68	0.0	0.6	1.2#



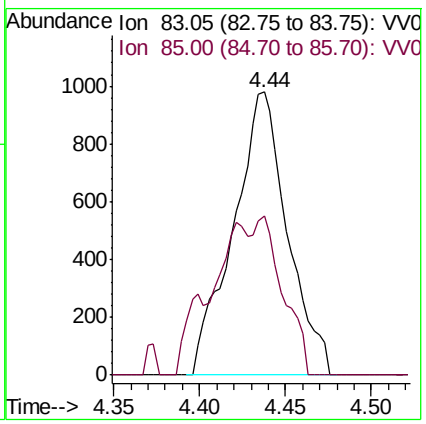


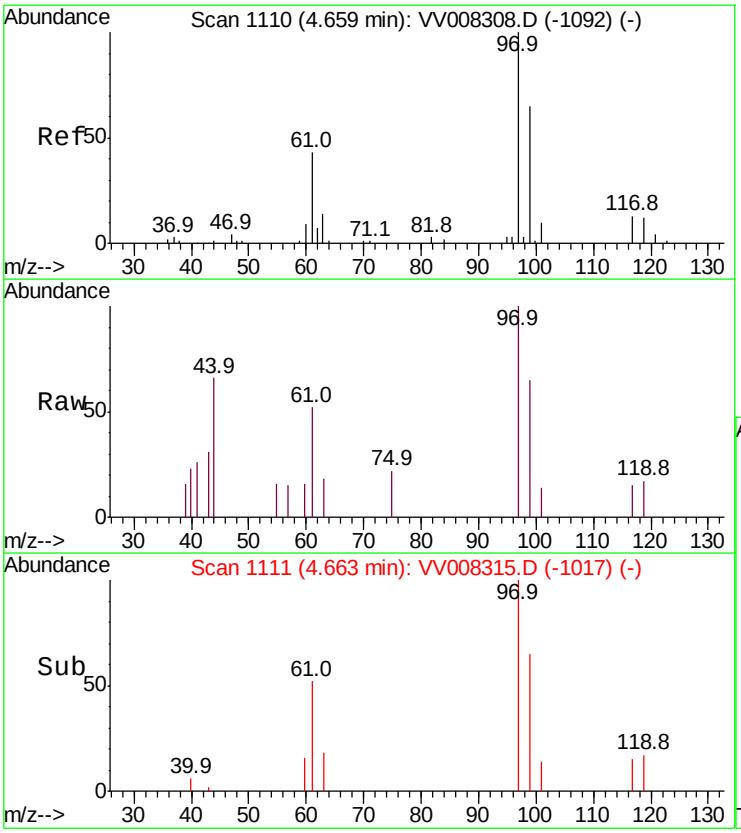
#25
Chloroform
Concen: 0.219 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument : MSVOA_V
ClientSampleId : C0JB3

Tgt Ion: 83 Resp: 2153

Ion	Ratio	Lower	Upper
83	100		
85	56.1	43.4	80.6

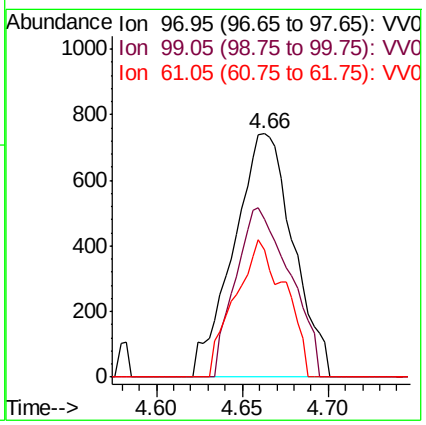


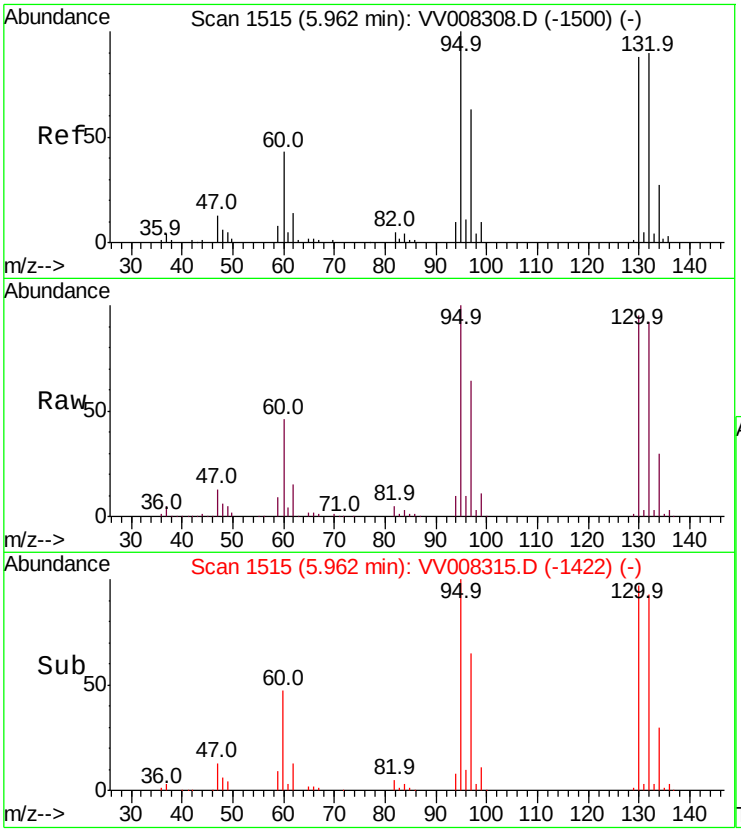


#29
1,1,1-Trichloroethane
Concen: 0.215 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 97 Resp: 1790

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.6	77.4
61	47.5	37.0	55.6



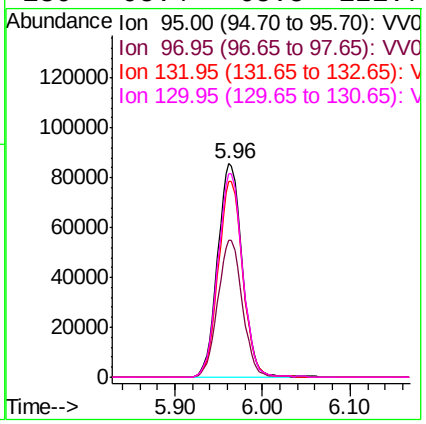


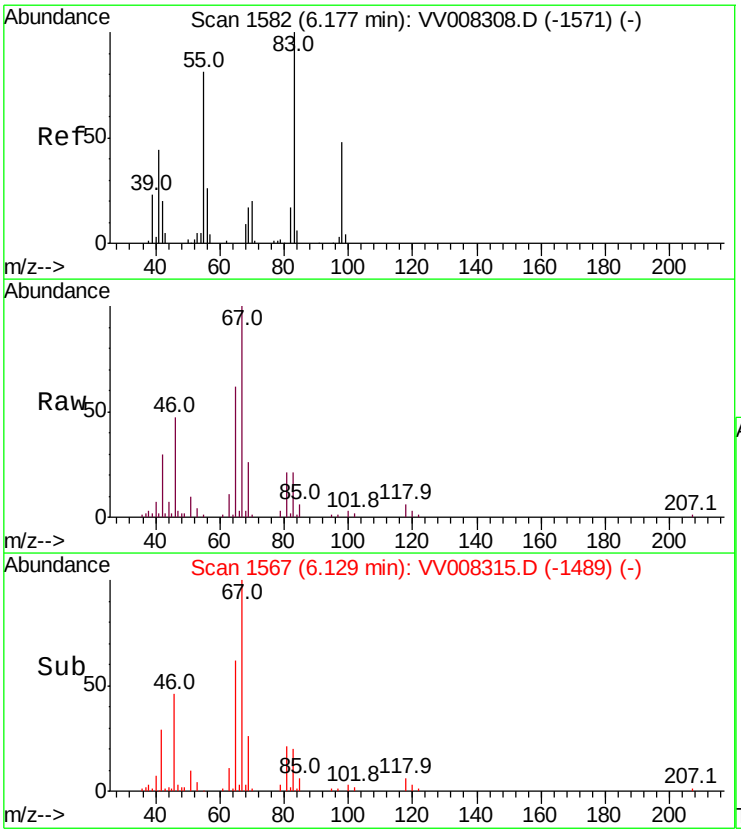
#34
Trichloroethene
Concen: 26.813 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument :
MSVOA_V
ClientSampleId :
C0JB3

Tgt Ion: 95 Resp: 167498

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	91.9	60.4	112.2
130	95.4	65.5	121.7

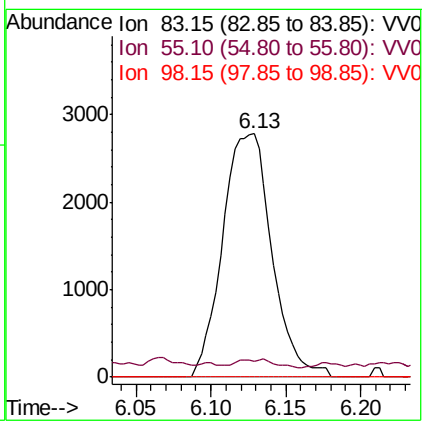


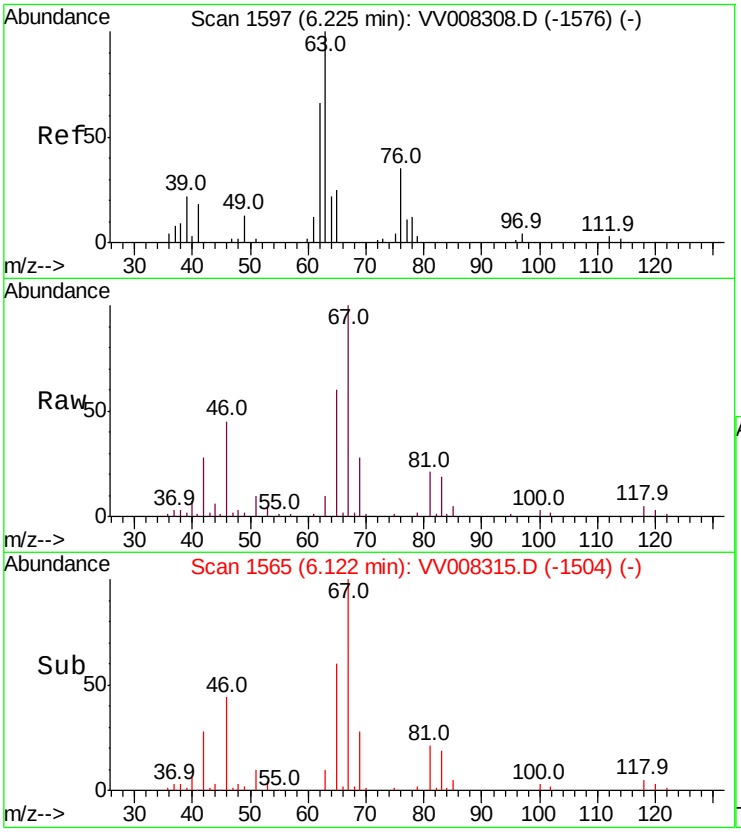


#35
Methylcyclohexane
Concen: 0.606 ug/L
RT: 6.13 min Scan# 1567
Delta R.T. -0.05 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 83 Resp: 6383

Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.0	96.0#
98	0.0	37.0	55.4#



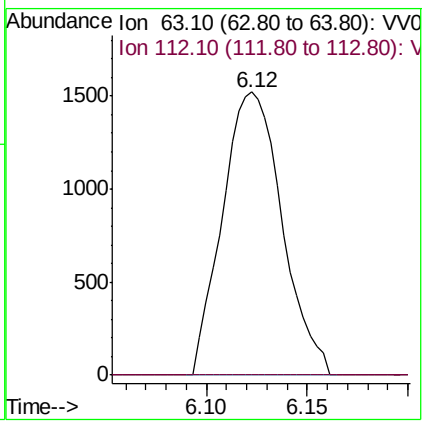


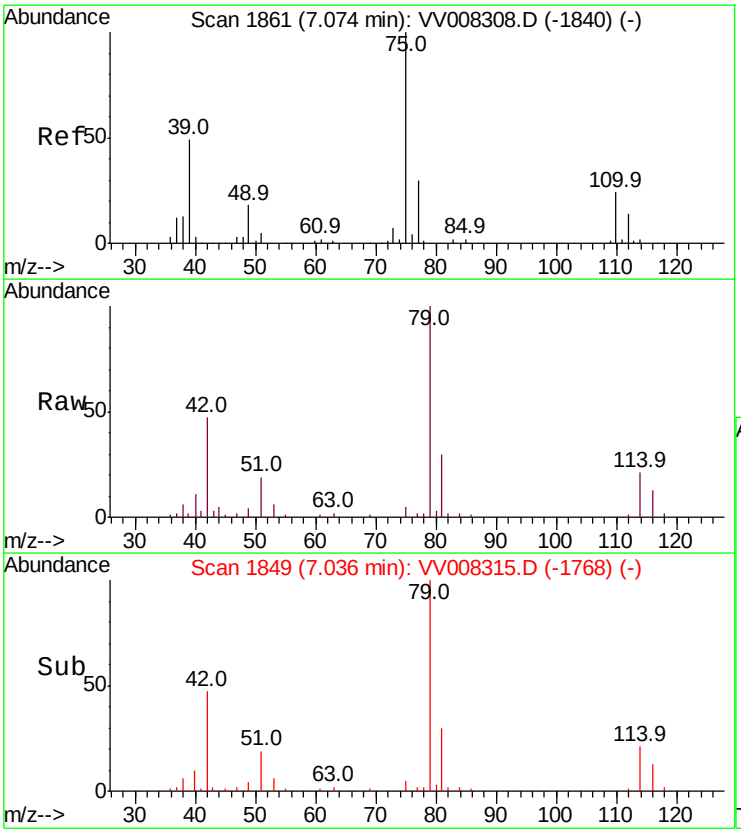
#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument : MSVOA_V
ClientSampleId : C0JB3

Tgt Ion: 63 Resp: 3141

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

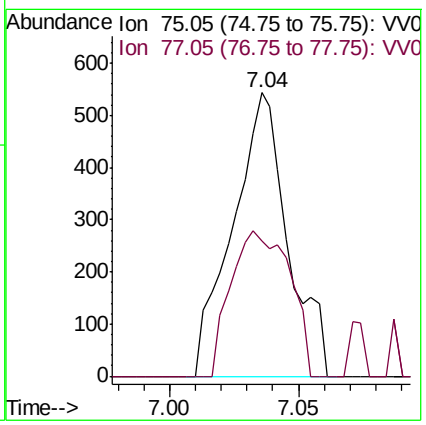


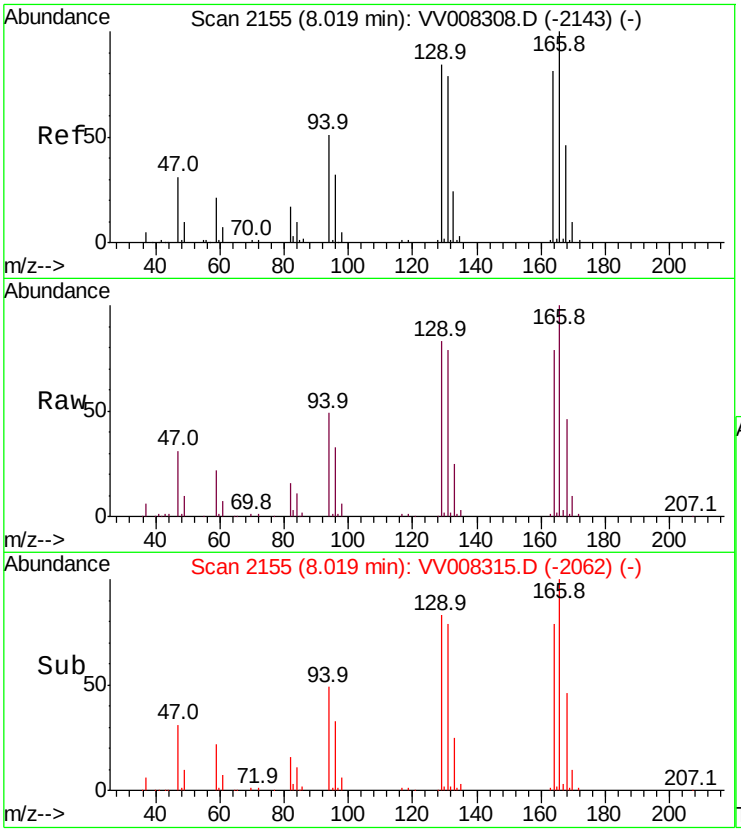


#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 75 Resp: 813

Ion	Ratio	Lower	Upper
75	100		
77	47.7	22.3	41.3#



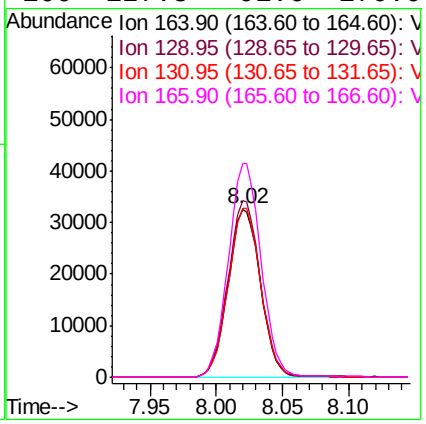


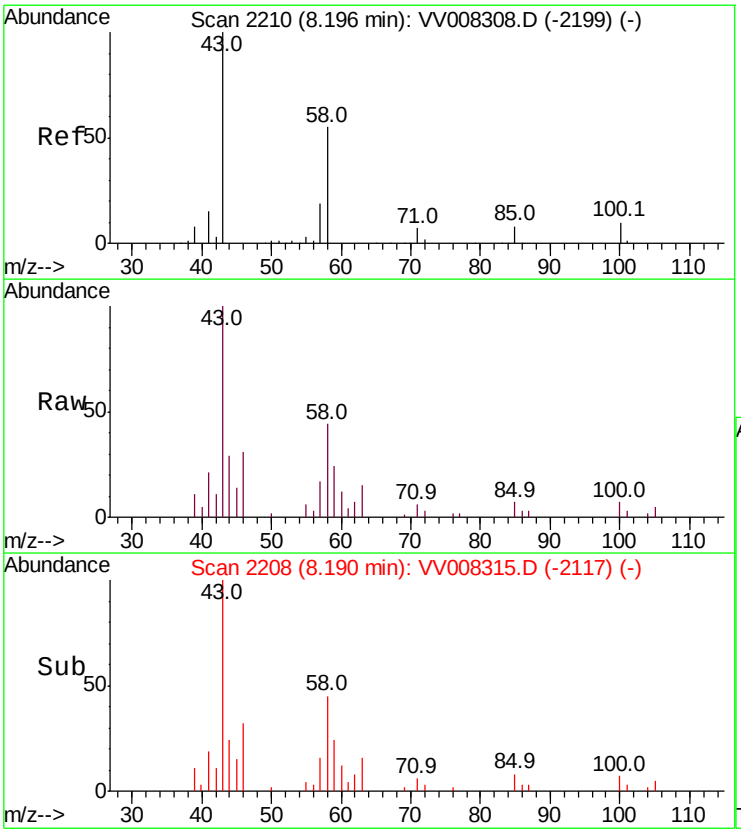
#47
Tetrachloroethene
Concen: 14.196 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Instrument :
MSVOA_V
ClientSampleId :
C0JB3

Tgt Ion:164 Resp: 55563

Ion	Ratio	Lower	Upper
164	100		
129	105.1	76.5	142.1
131	101.1	74.7	138.7
166	127.3	91.6	170.0

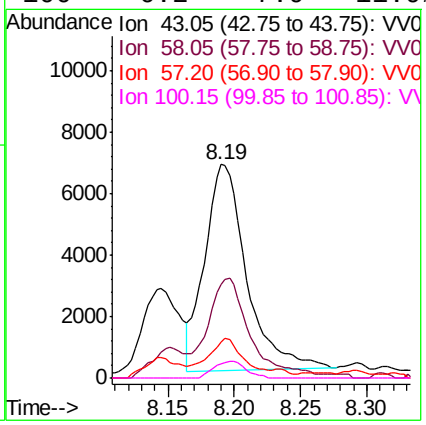


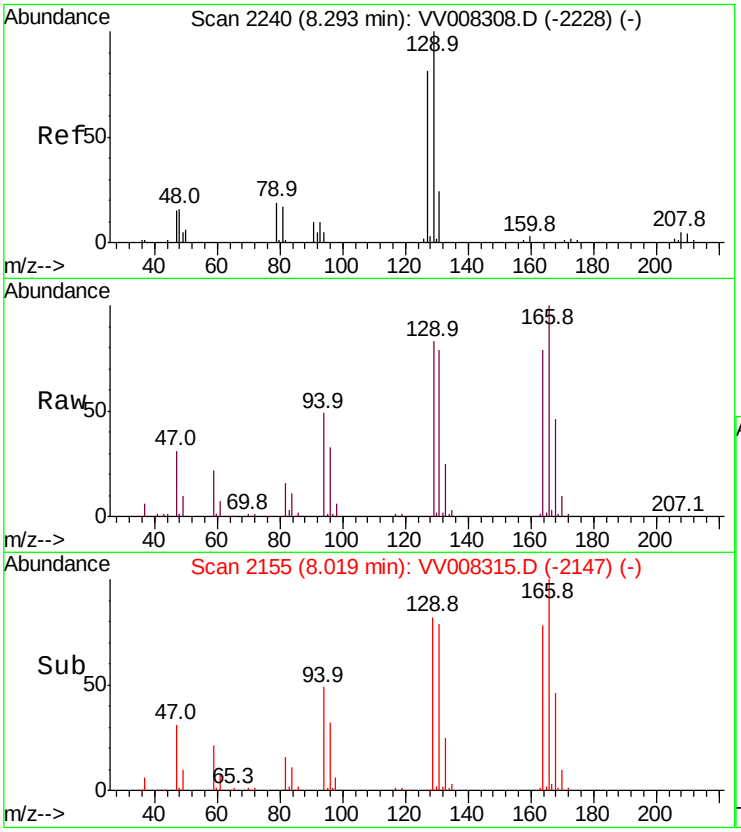


#48
2-Hexanone
Concen: 5.396 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion: 43 Resp: 14692

Ion	Ratio	Lower	Upper
43	100		
58	46.9	45.0	67.4
57	16.9	14.4	21.6
100	6.2	7.9	11.9#





#49
Dibromochloromethane
Concen: 12.935 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008315.D
Acq: 17 Oct 2018 00:20

Tgt Ion:129 Resp: 55670

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#

Instrument :
MSVOA_V
ClientSampleId :
C0JB3