Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\

Quantitation Report (Not Reviewed)

Data File : VV008232.D
Acq On : 10 Oct 2018 14:04
Operator : SY/MD
Sample : J5315-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0J92

Quant Time: Oct 11 02:01:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88726	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39599	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	21123	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.59	69	18565	4.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.80%			
11) 1,1-Dichloroethene-d2	2.14	63	32545	3.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.00%			
20) 2-Butanone-d5	3.96	46	72077	55.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.02%			
24) Chloroform-d	4.41	84	50825	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.09	65	26024	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.10	84	95382	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
36) 1,2-Dichloropropane-d6	6.13	67	31161	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.40%			
41) Toluene-d8	7.36	98	81532	3.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.40%			
43) trans-1,3-Dichloropropene-	7.67	79	10416	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.14	63	48887	49.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.84%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21906	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	33961	4.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	1102	0.183	ug/L	89
5) Vinyl chloride	1.33	62	1673	0.296	ug/L #	80
9) Trichlorofluoromethane	1.78	101	4294	0.444	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	468	0.081	ug/L #	31
12) 1,1-Dichloroethene	2.14	96	4479	0.932	ug/L #	1
13) Acetone	2.21	43	2637	2.970	ug/L	96
17) Methyl tert-butyl Ether	2.82	73	11102	0.921	ug/L	99
18) trans-1,2-Dichloroethene	2.80	96	1095	0.209	ug/L	86
19) 1,1-Dichloroethane	3.23	63	3734	0.374	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	187757	31.730	ug/L	99
25) Chloroform	4.43	83	3379	0.314	ug/L	90
29) 1,1,1-Trichloroethane	4.66	97	1419	0.147	ug/L #	85
31) Carbon tetrachloride	4.88	117	2522	0.290	ug/L	96
34) Trichloroethene	5.96	95	116524	18.170	ug/L	99
35) Methylcyclohexane	6.13	83	7560	0.844	ug/L #	17
37) 1,2-Dichloropropane	6.13	63	3570	0.602	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	703	0.092	ug/L #	58

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\

Quantitation Report (Not Reviewed)

Data File : VV008232.D
Acq On : 10 Oct 2018 14:04
Operator : SY/MD
Sample : J5315-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0J92

Quant Time: Oct 11 02:01:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.02	97	10367	2.493	ug/L #	1
47) Tetrachloroethene	8.03	164	1451292	253.376	ug/L	98
48) 2-Hexanone	8.19	43	4127	1.809	ug/L #	91
49) Dibromochloromethane	8.03	129	1227769	236.619	ug/L #	10

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\

Quantitation Report (Not Reviewed)

Data File : VV008232.D
Acq On : 10 Oct 2018 14:04
Operator : SY/MD
Sample : J5315-01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

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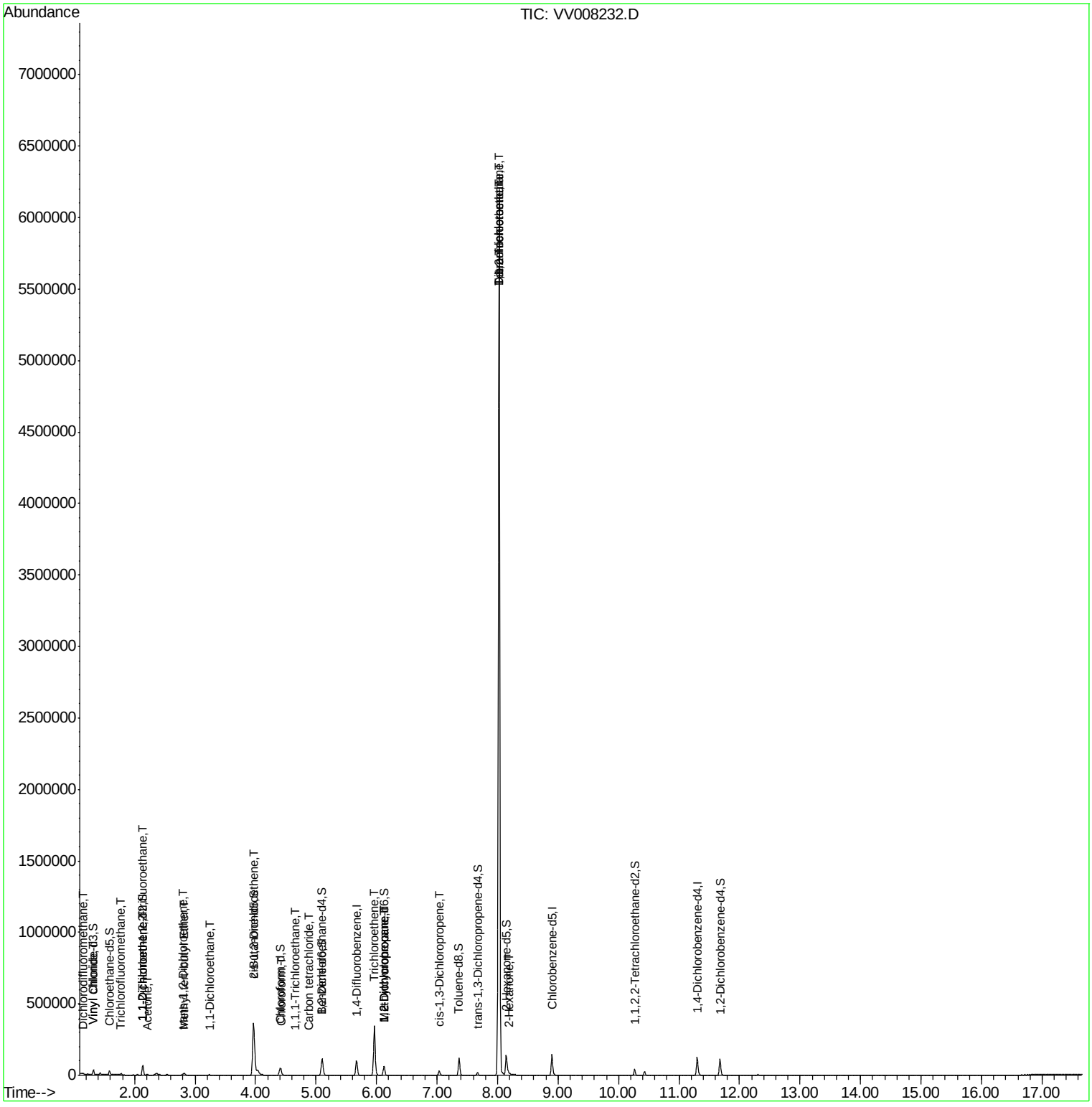
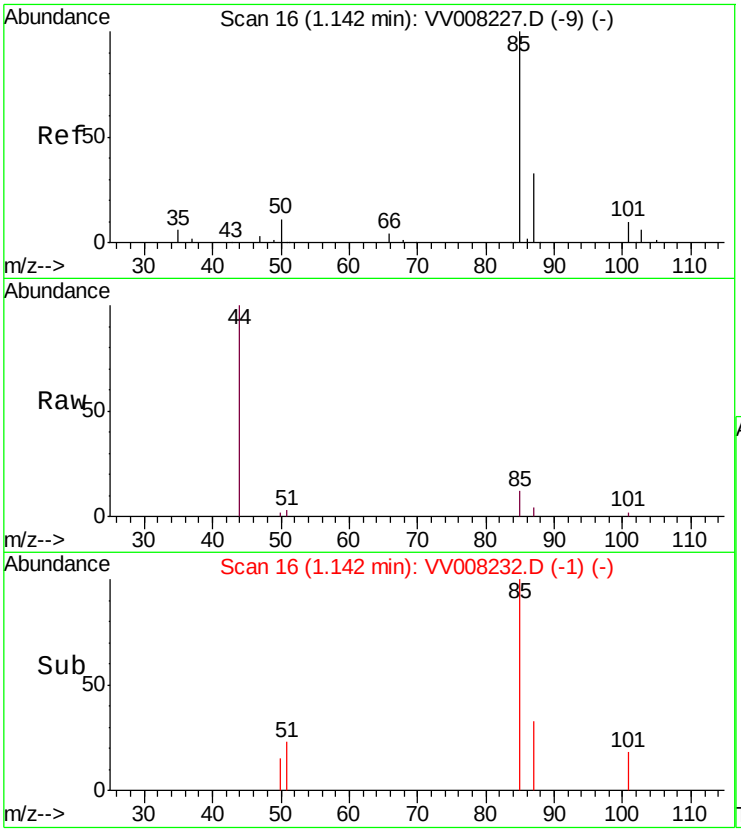
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration



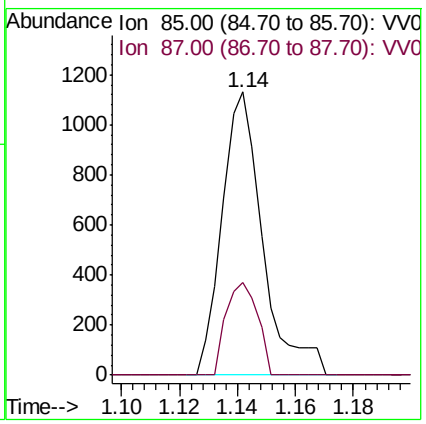


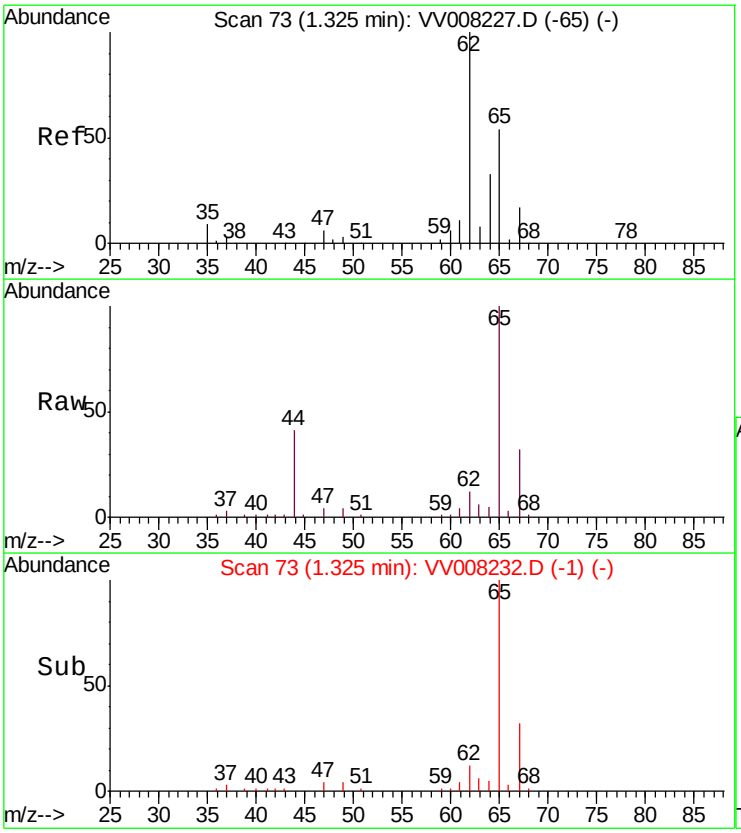
#2
Dichlorodifluoromethane
Concen: 0.183 ug/L
RT: 1.14 min Scan# 16
Delta R.T. -0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument : MSVOA_V
ClientSampleId : C0J92

Tgt Ion: 85 Resp: 1102

Ion	Ratio	Lower	Upper
85	100		
87	25.0	24.6	37.0

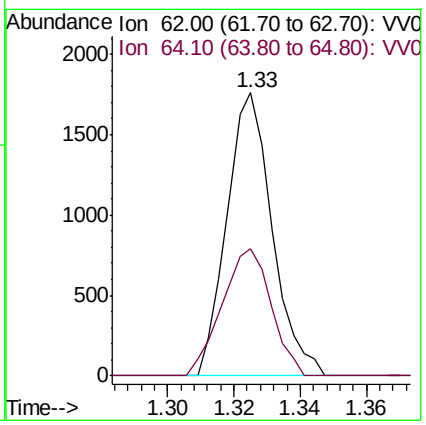


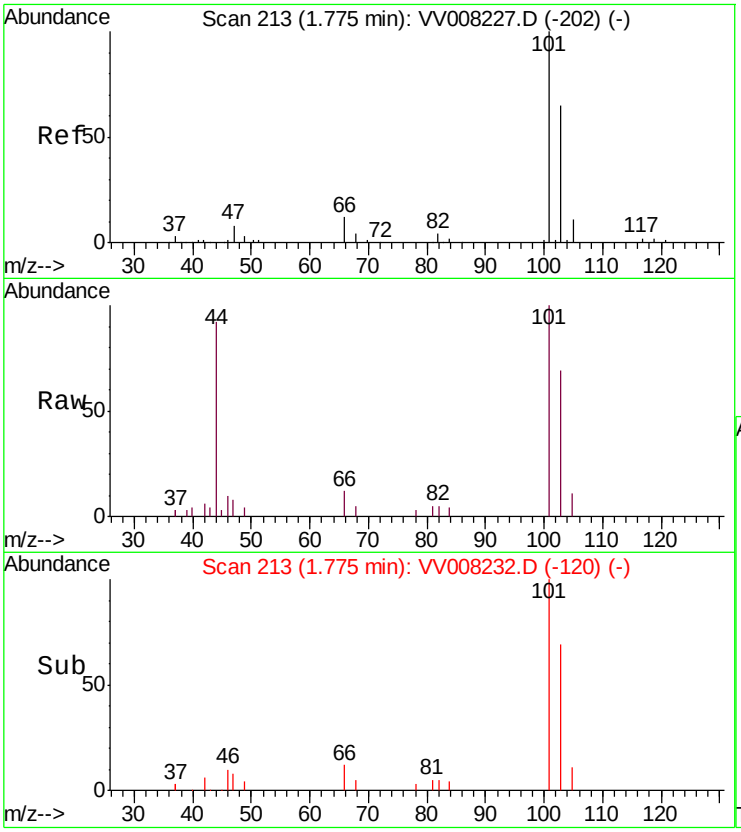


#5
Vinyl chloride
Concen: 0.296 ug/L
RT: 1.33 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion: 62 Resp: 1673

Ion	Ratio	Lower	Upper
62	100		
64	44.9	23.4	43.4#



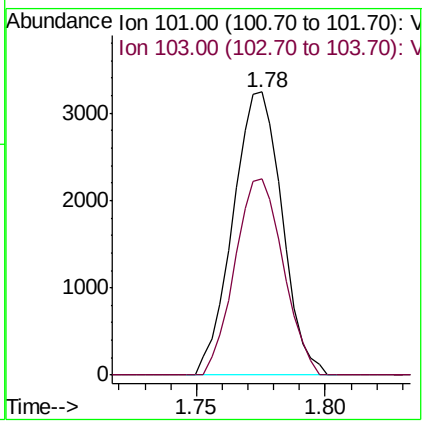


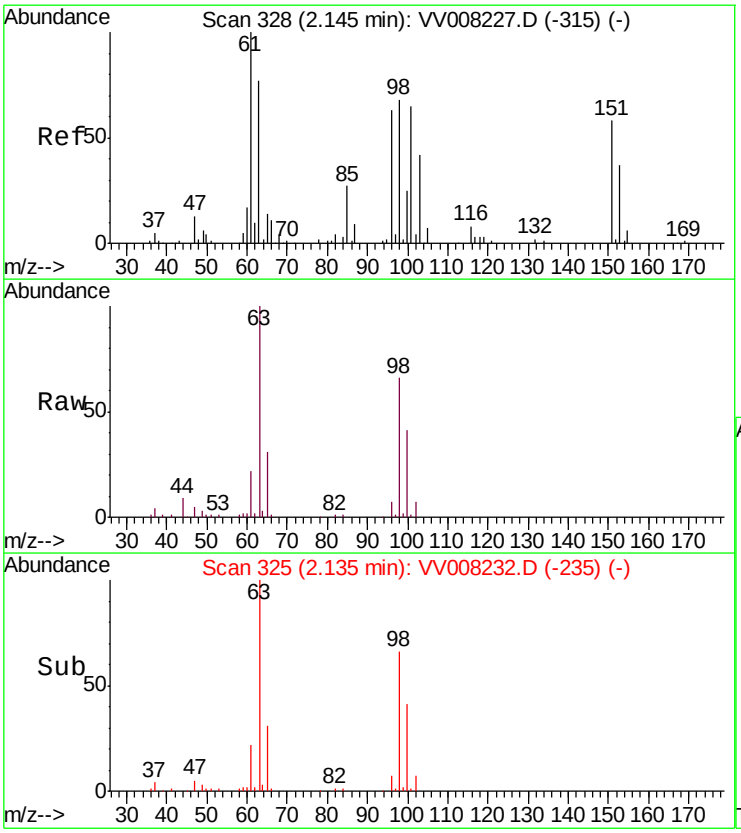
#9
Trichlorofluoromethane
Concen: 0.444 ug/L
RT: 1.78 min Scan# 213
Delta R.T. -0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument :
MSVOA_V
ClientSampleId :
C0J92

Tgt Ion:101 Resp: 4294

Ion	Ratio	Lower	Upper
101	100		
103	68.3	53.1	79.7

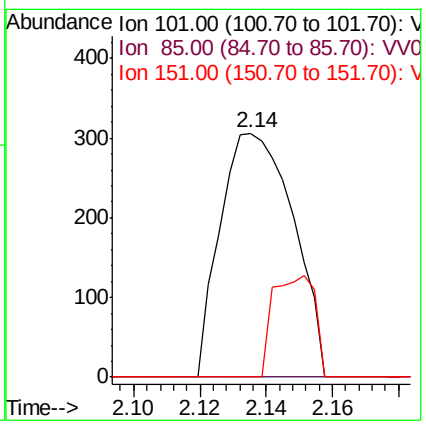


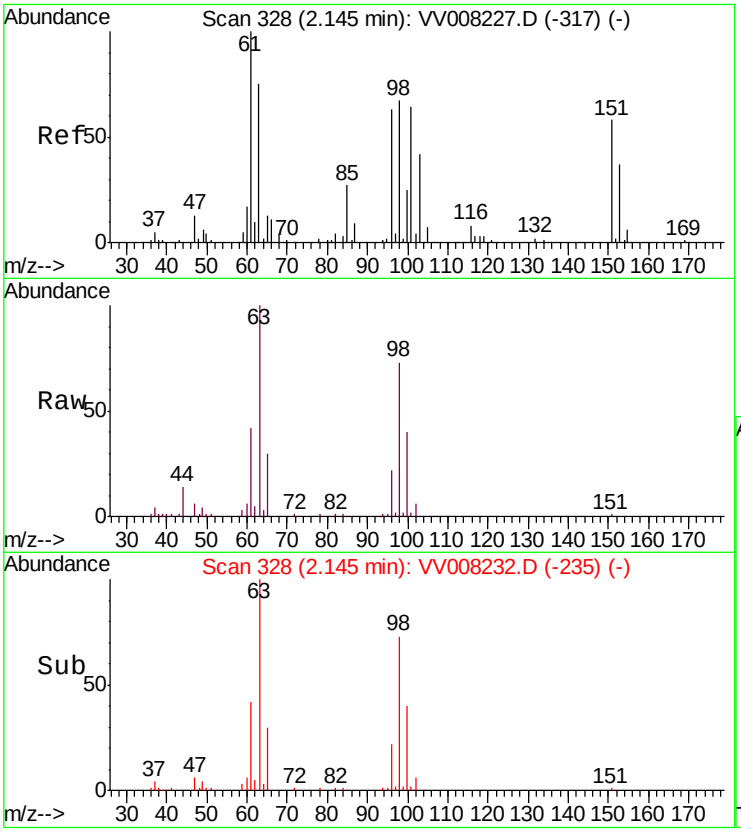


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion:101 Resp: 468

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.0#
151	23.9	70.7	106.1#



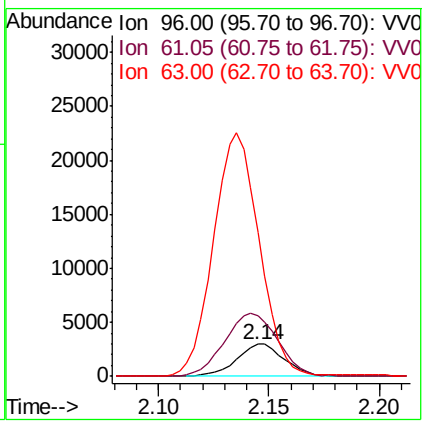


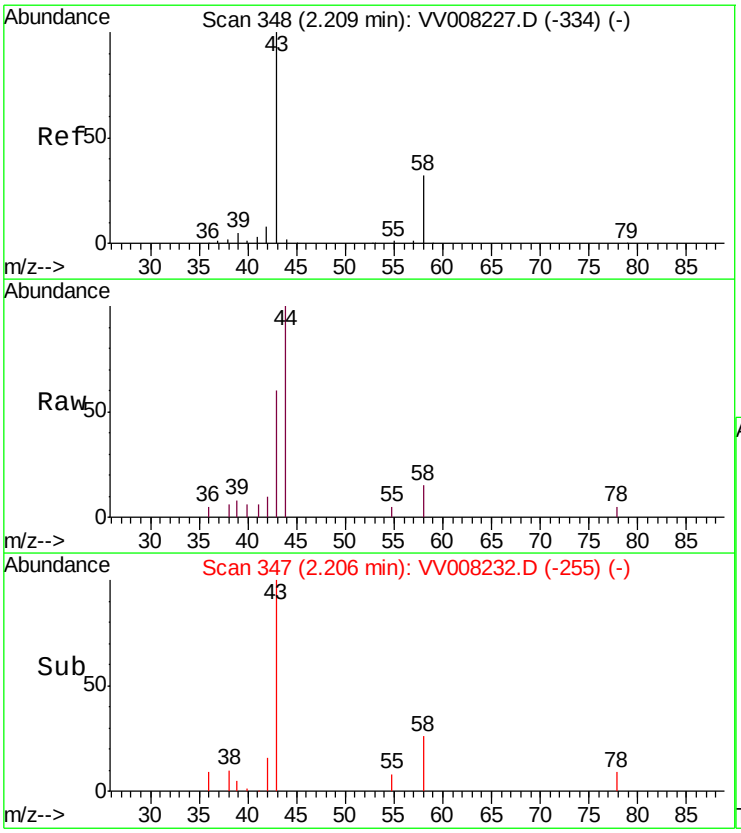
#12
1,1-Dichloroethene
Concen: 0.932 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument : MSVOA_V
ClientSampleId : C0J92

Tgt Ion: 96 Resp: 4479

Ion	Ratio	Lower	Upper
96	100		
61	188.2	114.7	213.1
63	447.5	96.9	179.9#

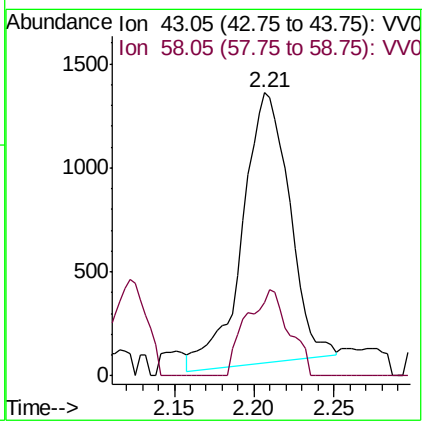


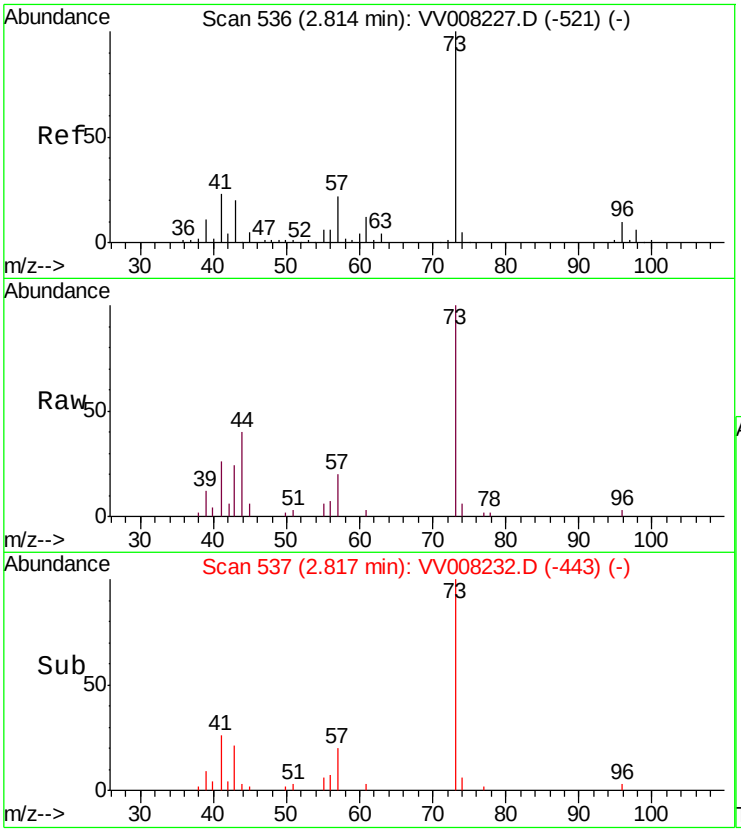


#13
Acetone
Concen: 2.970 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion: 43 Resp: 2637

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	62.2



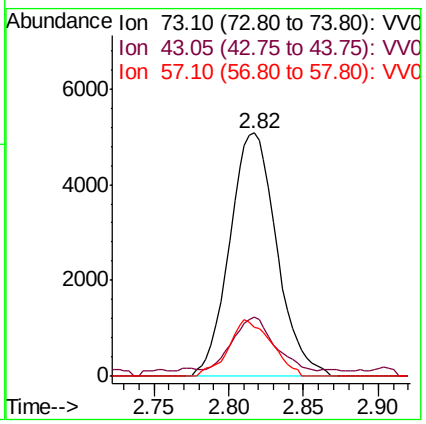


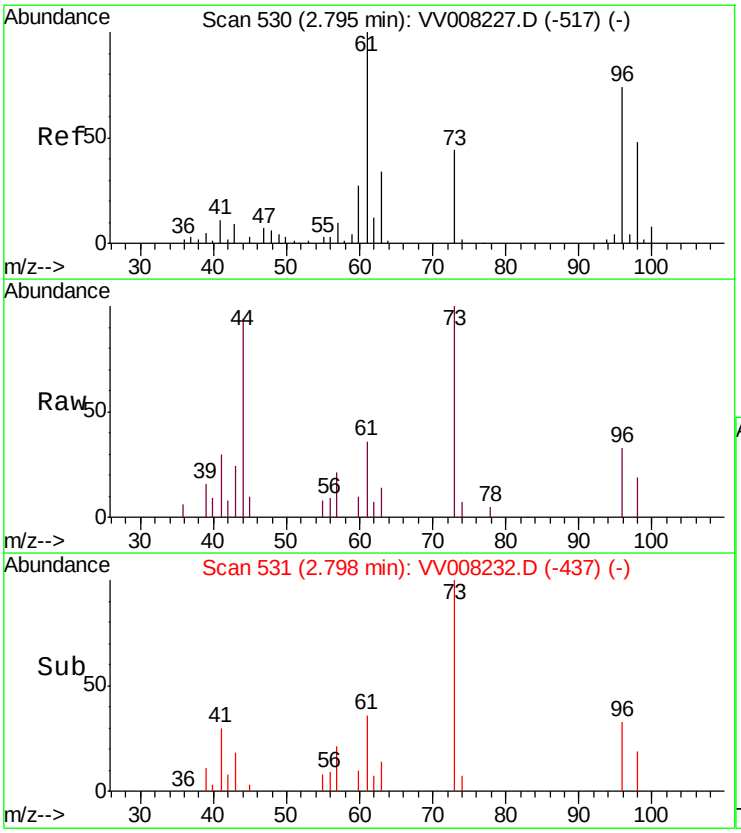
#17
Methyl tert-butyl Ether
Concen: 0.921 ug/L
RT: 2.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument : MSVOA_V
ClientSampleId : C0J92

Tgt Ion: 73 Resp: 11102

Ion	Ratio	Lower	Upper
73	100		
43	20.6	17.0	25.4
57	21.3	17.3	25.9

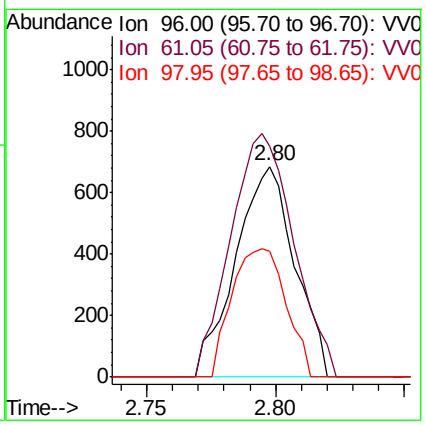


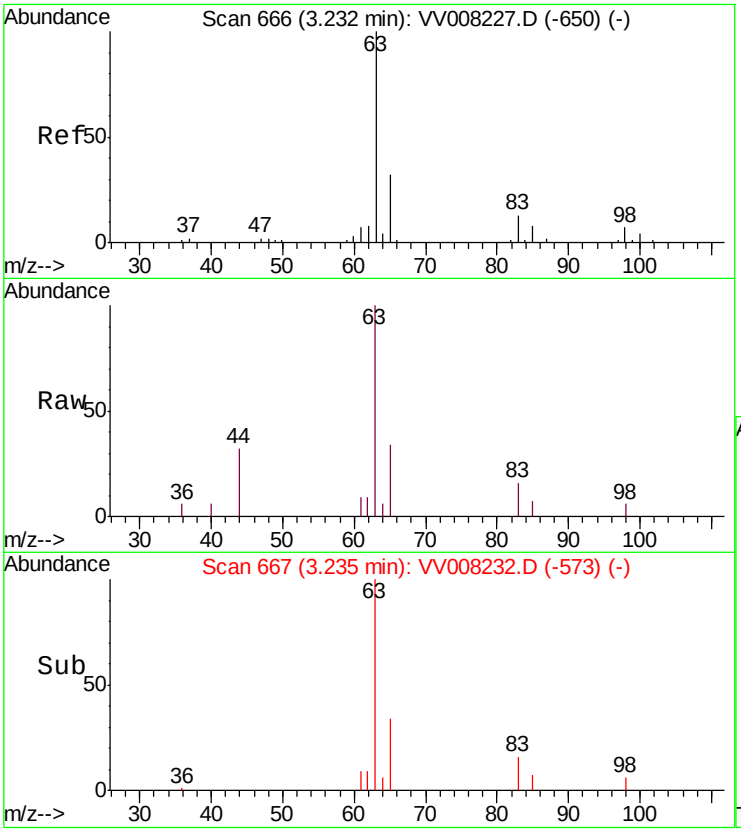


#18
trans-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion: 96 Resp: 1095

Ion	Ratio	Lower	Upper
96	100		
61	109.3	91.6	170.2
98	59.6	44.4	82.5



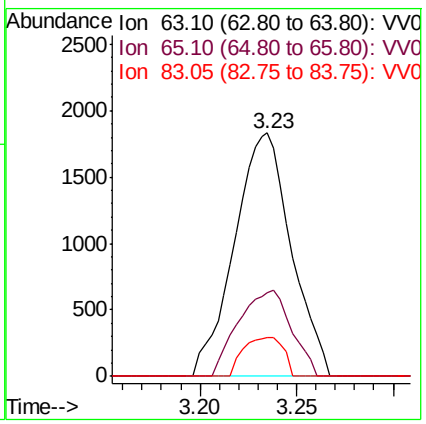


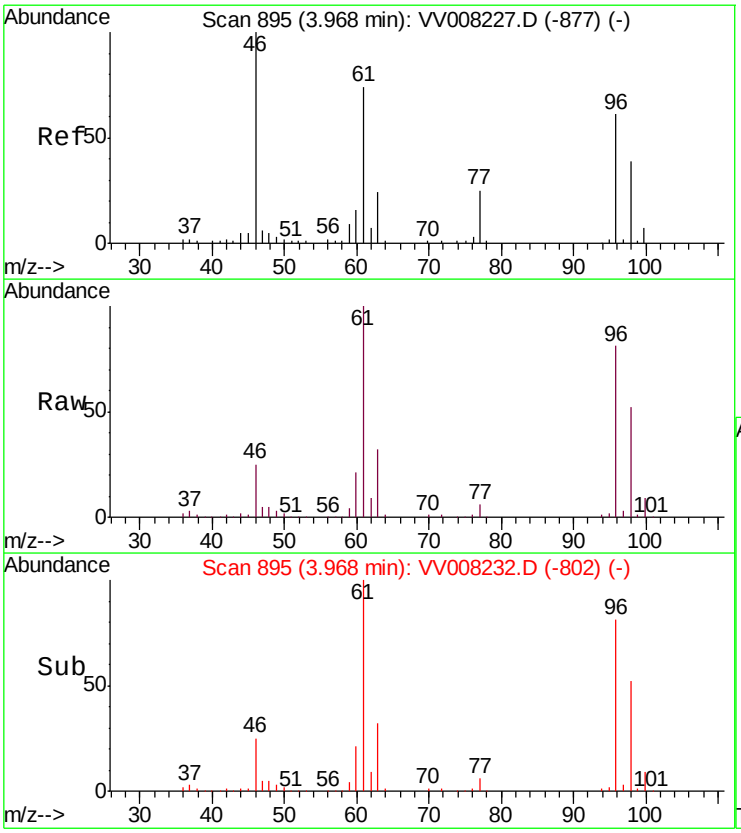
#19
1,1-Dichloroethane
Concen: 0.374 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument : MSVOA_V
ClientSampleId : C0J92

Tgt Ion: 63 Resp: 3734

Ion	Ratio	Lower	Upper
63	100		
65	34.1	22.4	41.6
83	16.0	9.6	17.8

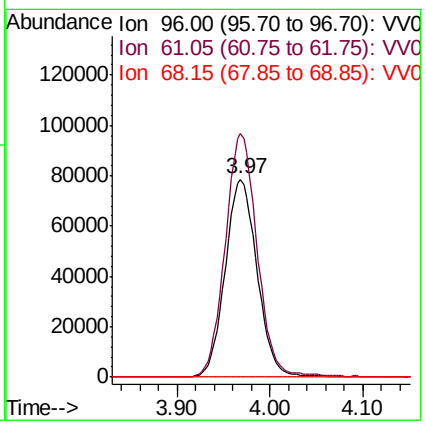


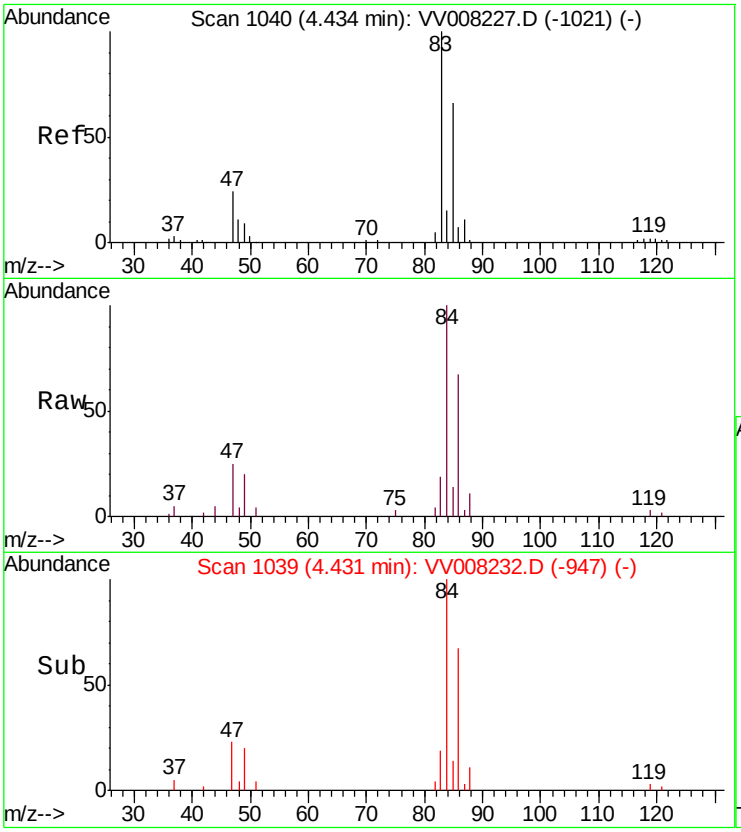


#22
cis-1,2-Dichloroethene
Concen: 31.730 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion: 96 Resp: 187757

Ion	Ratio	Lower	Upper
96	100		
61	123.0	85.1	158.1
68	0.0	0.0	0.0



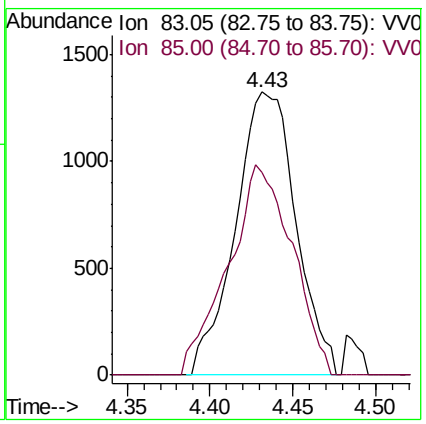


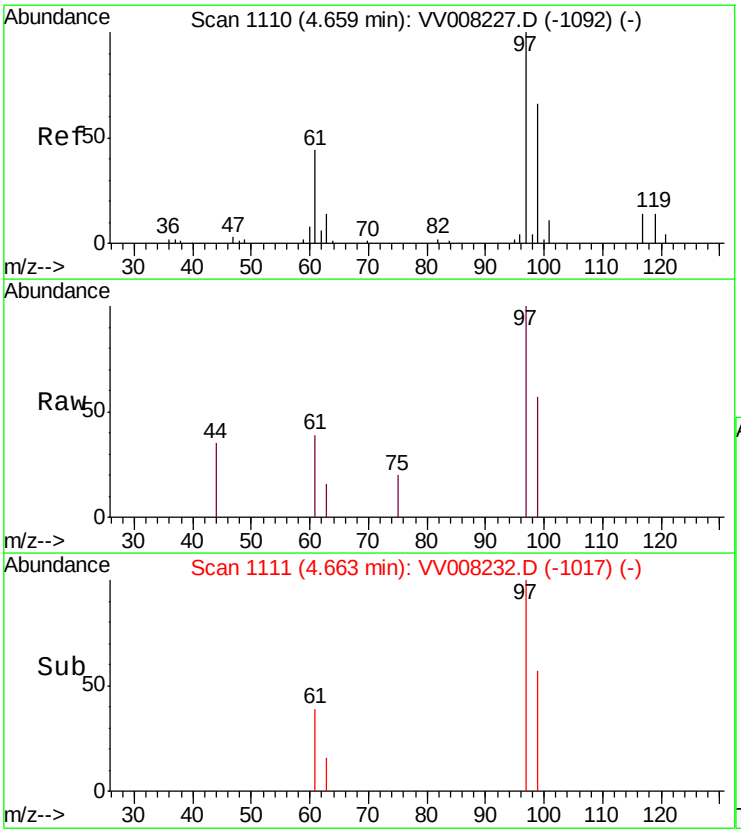
#25
Chloroform
Concen: 0.314 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument :
MSVOA_V
ClientSampleId :
C0J92

Tgt Ion: 83 Resp: 3379

Ion	Ratio	Lower	Upper
83	100		
85	71.7	44.6	82.8

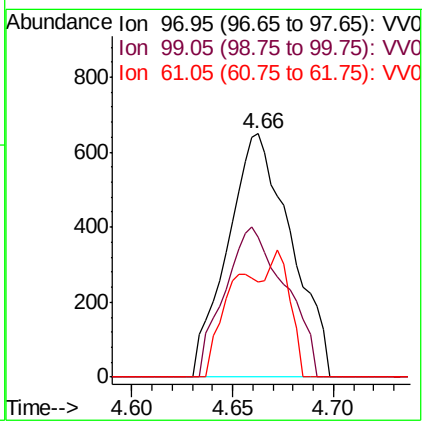


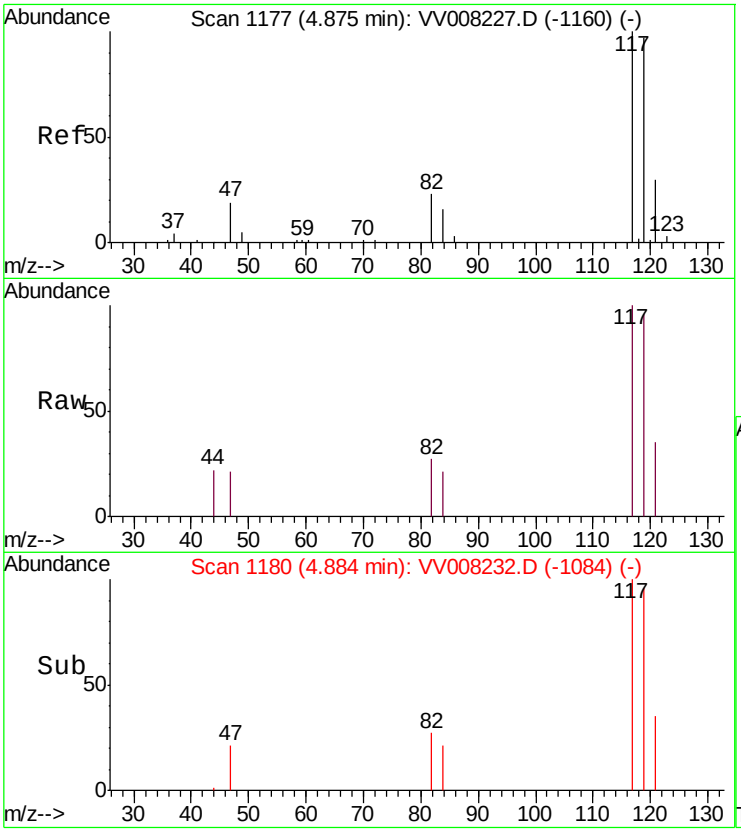


#29
1,1,1-Trichloroethane
Concen: 0.147 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion: 97 Resp: 1419

Ion	Ratio	Lower	Upper
97	100		
99	58.9	51.0	76.4
61	24.5	34.0	51.0#



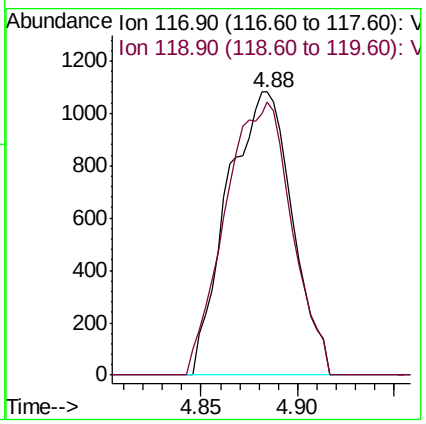


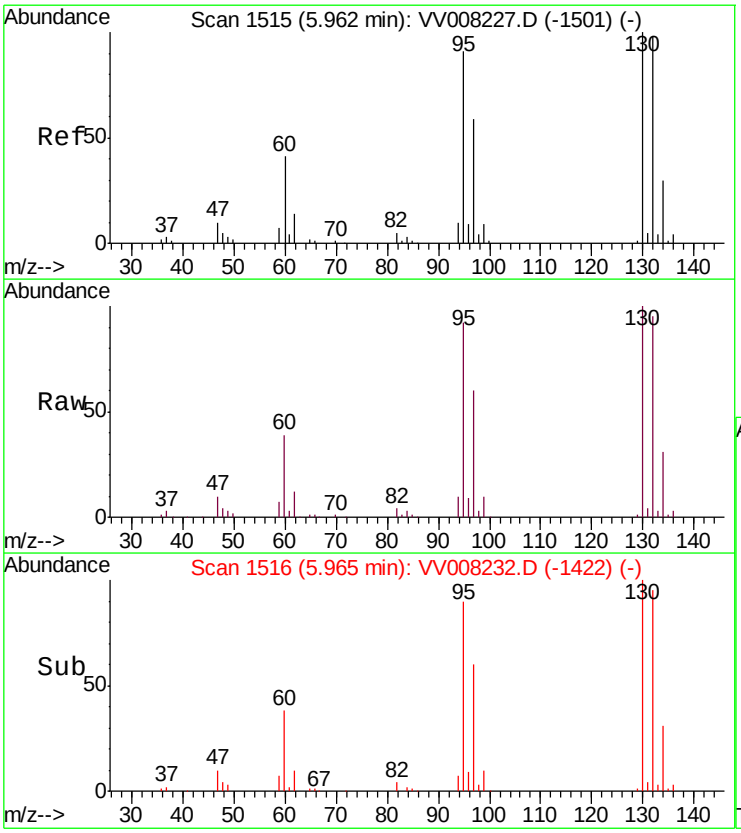
#31
Carbon tetrachloride
Concen: 0.290 ug/L
RT: 4.88 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument : MSVOA_V
ClientSampleId : C0J92

Tgt Ion:117 Resp: 2522

Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.3	114.5

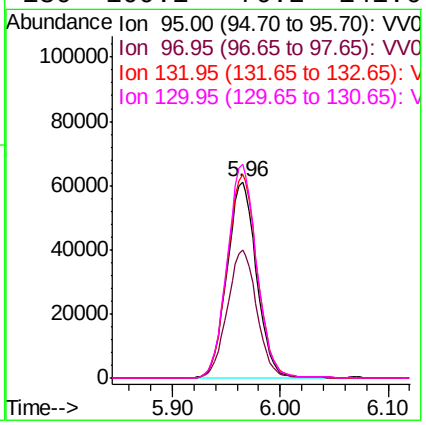


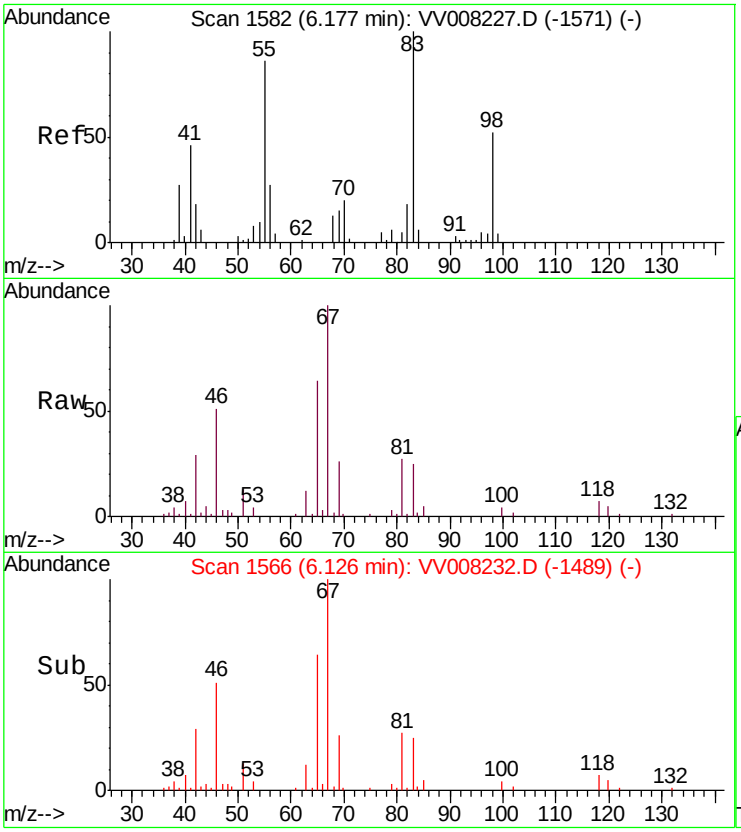


#34
Trichloroethene
Concen: 18.170 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion: 95 Resp: 116524

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.9	83.5
132	103.8	73.6	136.6
130	109.1	76.2	141.6



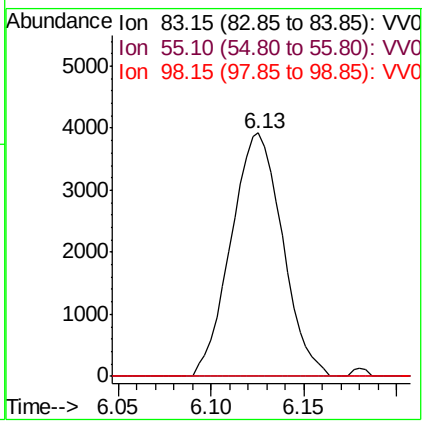


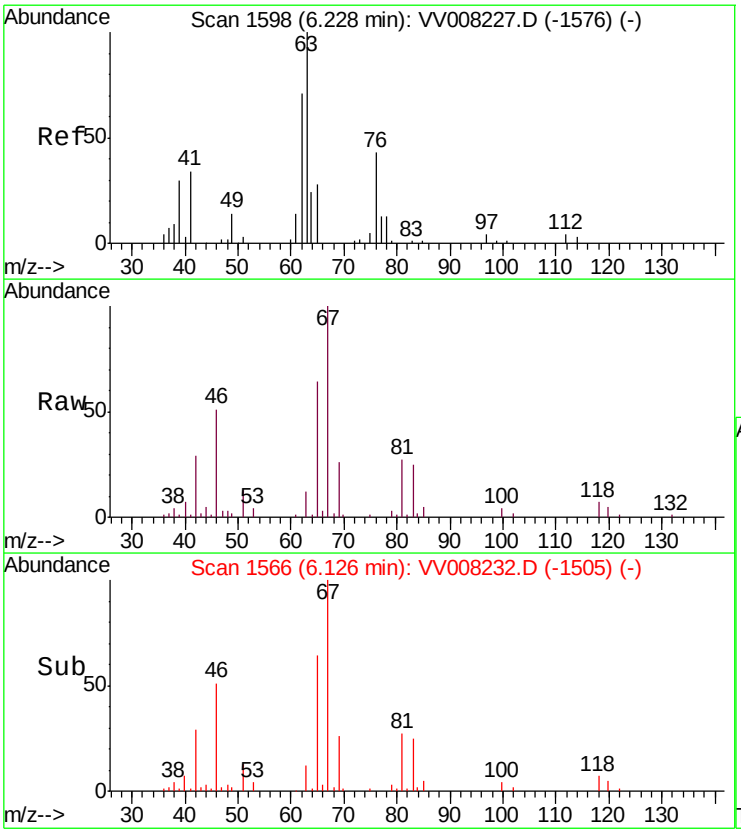
#35
Methylcyclohexane
Concen: 0.844 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument : MSVOA_V
ClientSampleId : C0J92

Tgt Ion: 83 Resp: 7560

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.6	95.4#
98	0.0	38.3	57.5#

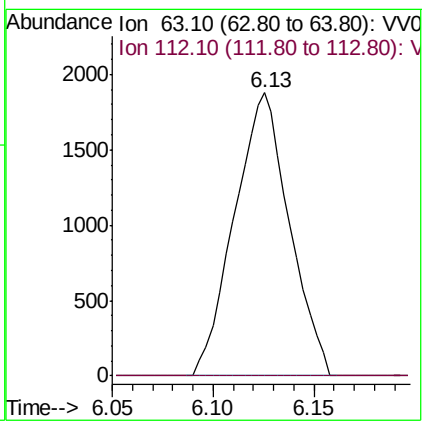


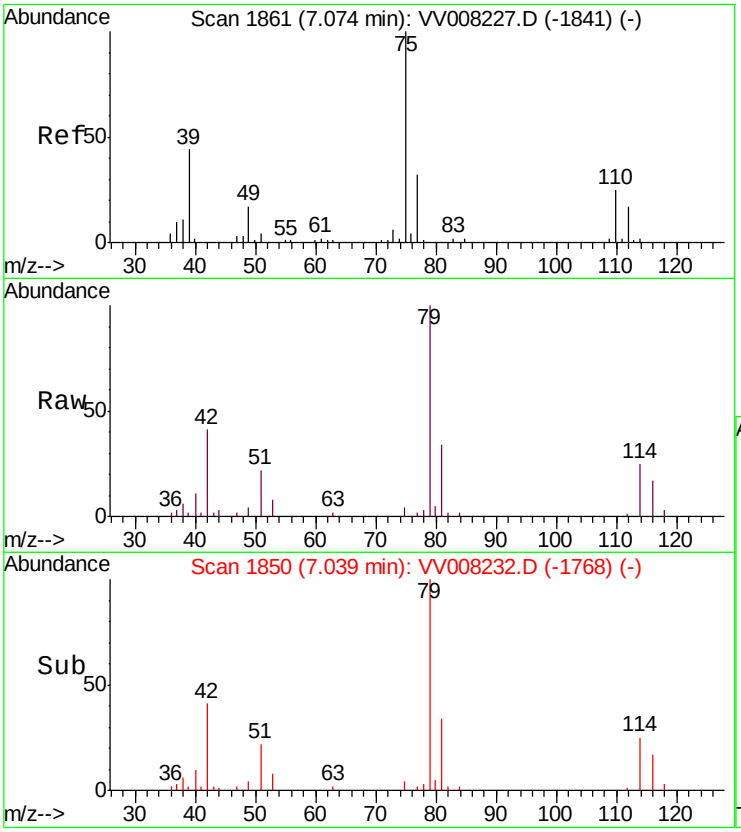


#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion: 63 Resp: 3570

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



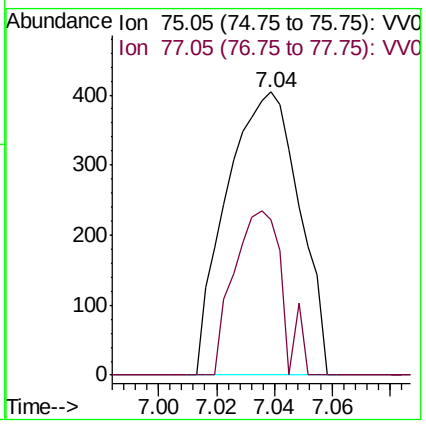


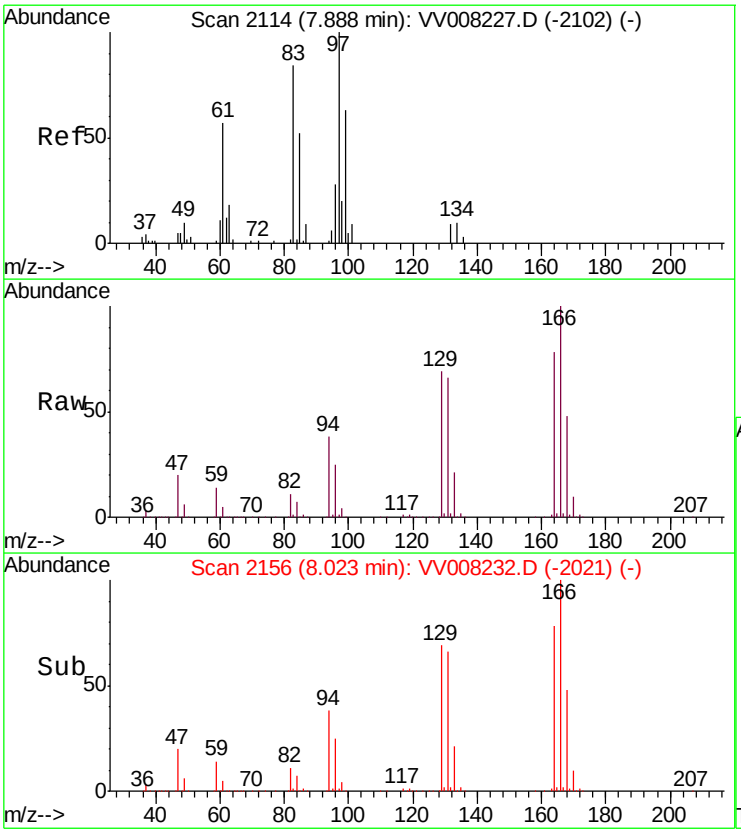
#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.04 min Scan# 1850
Delta R.T. -0.04 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument : MSVOA_V
ClientSampleId : C0J92

Tgt Ion: 75 Resp: 703

Ion	Ratio	Lower	Upper
75	100		
77	55.0	22.1	41.1#

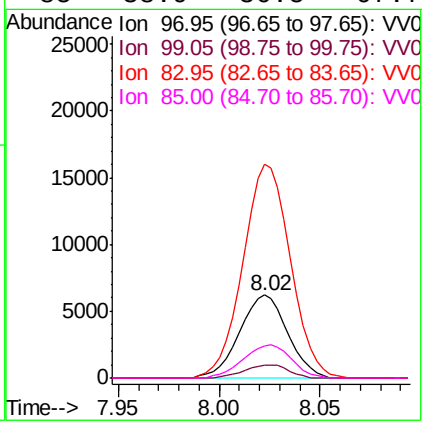


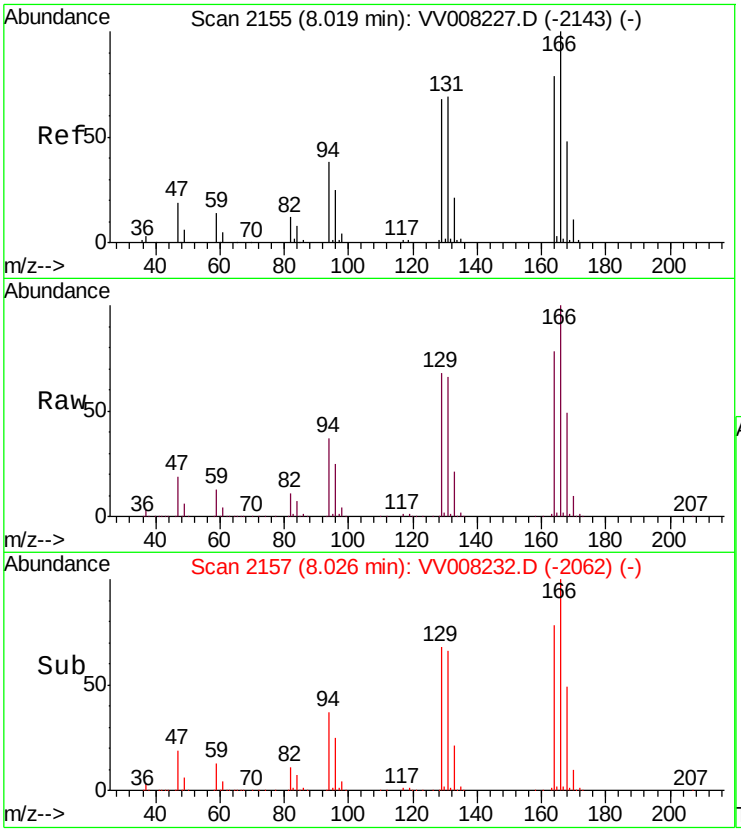


#45
1,1,2-Trichloroethane
Concen: 2.493 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.13 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion: 97 Resp: 10367

Ion	Ratio	Lower	Upper
97	100		
99	15.5	42.6	79.0#
83	257.1	57.5	106.7#
85	38.9	36.5	67.7



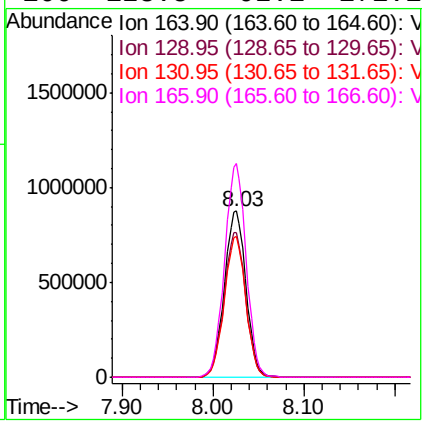


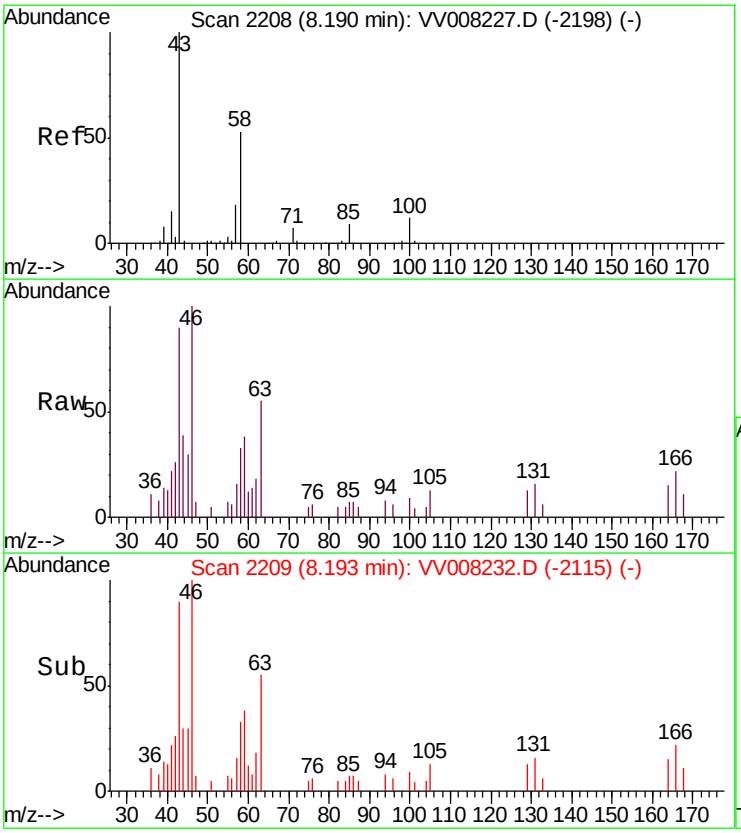
#47
Tetrachloroethene
Concen: 253.376 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Instrument : MSVOA_V
ClientSampleId : C0J92

Tgt Ion:164 Resp: 1451292

Ion	Ratio	Lower	Upper
164	100		
129	87.0	62.2	115.4
131	84.8	60.5	112.5
166	128.5	92.1	171.1

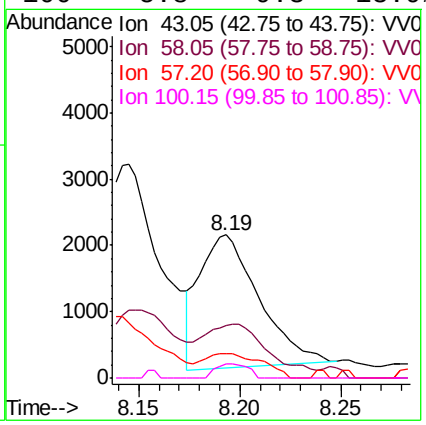


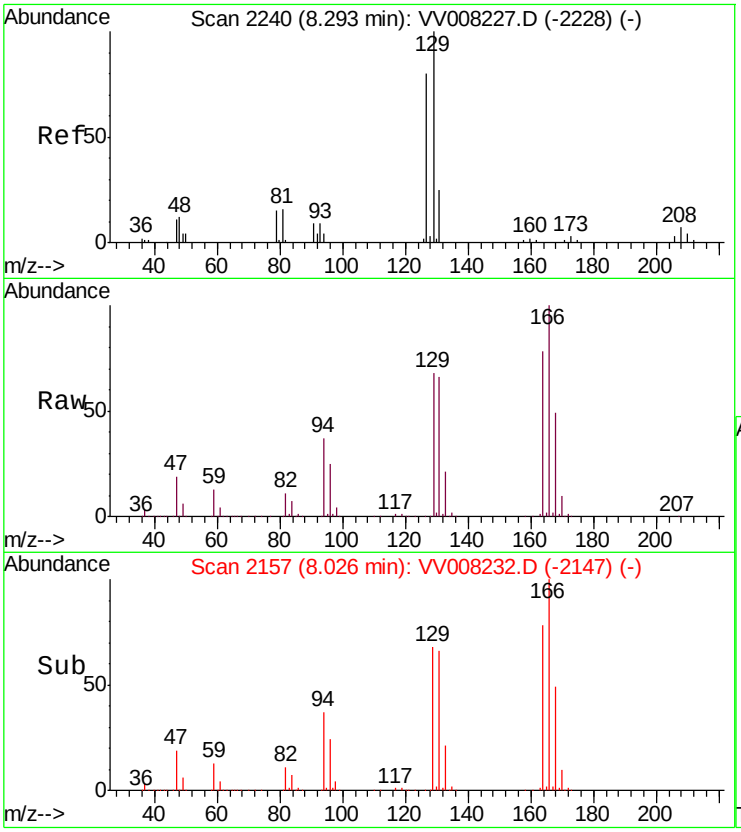


#48
2-Hexanone
Concen: 1.809 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion: 43 Resp: 4127

Ion	Ratio	Lower	Upper
43	100		
58	43.4	40.5	60.7
57	18.0	14.6	22.0
100	5.8	9.3	13.9#





#49
Dibromochloromethane
Concen: 236.619 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. -0.27 min
Lab File: VV008232.D
Acq: 10 Oct 2018 14:04

Tgt Ion:129 Resp: 1227769

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.3#

Instrument :
MSVOA_V
ClientSampleId :
C0J92