Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072718\
Data File : VV006726.D
Acq On : 27 Jul 2018 14:38
Operator : SY/MD
Sample : J4190-05
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 28 02:28:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 28 02:24:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	117807	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41271	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40355	6.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 131.60%#			
7) Chloroethane-d5	1.58	69	32478	6.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 135.00%#			
11) 1,1-Dichloroethene-d2	2.13	63	55539	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.40%			
20) 2-Butanone-d5	3.95	46	109886	57.36	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.72%			
24) Chloroform-d	4.41	84	68922	5.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 119.80%			
26) 1,2-Dichloroethane-d4	5.09	65	37015	6.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 132.00%#			
32) Benzene-d6	5.10	84	143411	6.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 130.00%#			
36) 1,2-Dichloropropane-d6	6.12	67	46426	6.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 124.60%			
41) Toluene-d8	7.37	98	115778	6.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.00%			
43) trans-1,3-Dichloropropene-	7.67	79	14069	5.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 115.60%			
46) 2-Hexanone-d5	8.14	63	72073	46.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.60%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	34961	5.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	39433	6.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 128.20%#			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	3323	0.369	ug/L	97
13) Acetone	2.19	43	5685	4.664	ug/L	97
15) Methyl Acetate	2.31	43	823	0.228	ug/L #	49
17) Methyl tert-butyl Ether	2.82	73	6495	0.343	ug/L	96
21) 2-Butanone	4.04	43	956	0.468	ug/L #	47
22) cis-1,2-Dichloroethene	3.96	96	3697	0.423	ug/L	96
25) Chloroform	4.43	83	9690	0.670	ug/L	93
34) Trichloroethene	5.96	95	5292	0.650	ug/L	89
35) Methylcyclohexane	6.12	83	10919	0.802	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	4811	0.581	ug/L #	86
47) Tetrachloroethene	8.02	164	35002	5.410	ug/L	98
48) 2-Hexanone	8.19	43	3639	1.145	ug/L #	72
49) Dibromochloromethane	8.02	129	31078	5.264	ug/L #	11

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

Quantitation Report (Not Reviewed)

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MSVOA_V
ClientSampleId :

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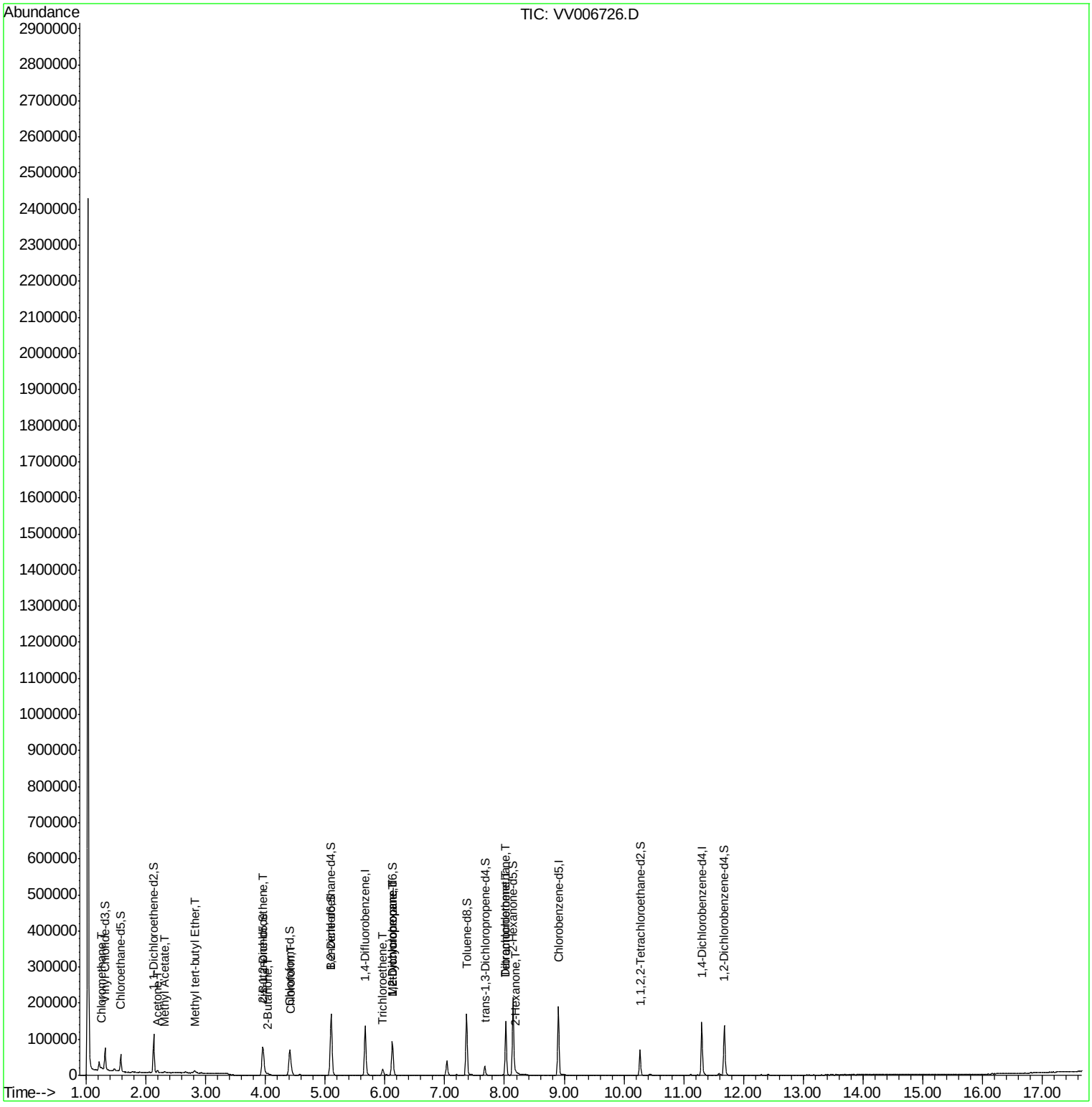
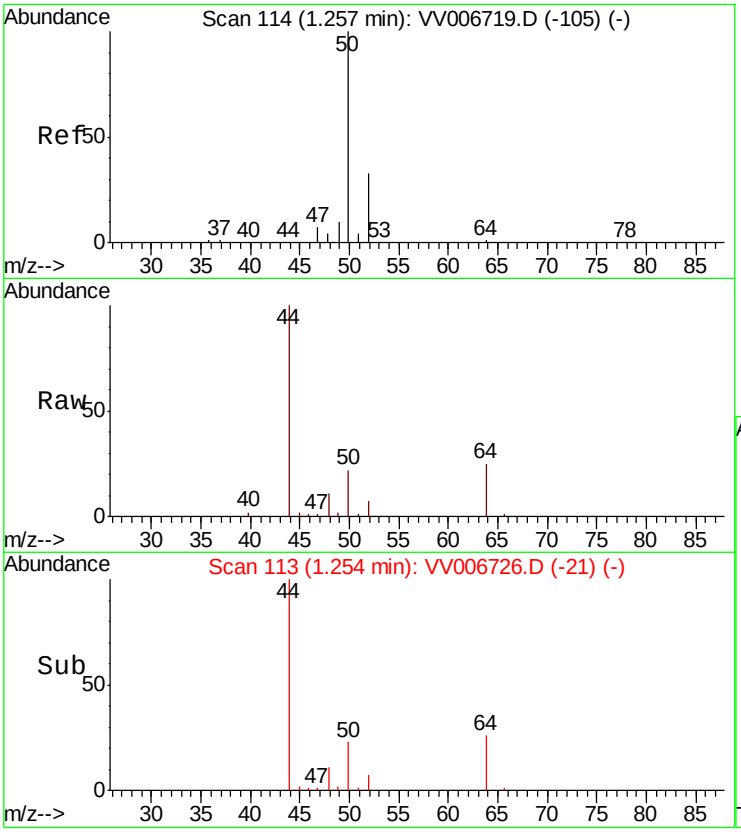
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 28 02:24:46 2018
Response via : Initial Calibration



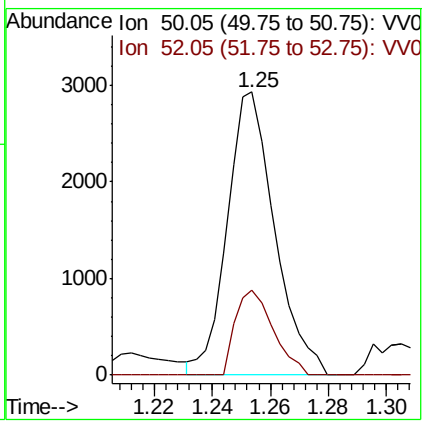


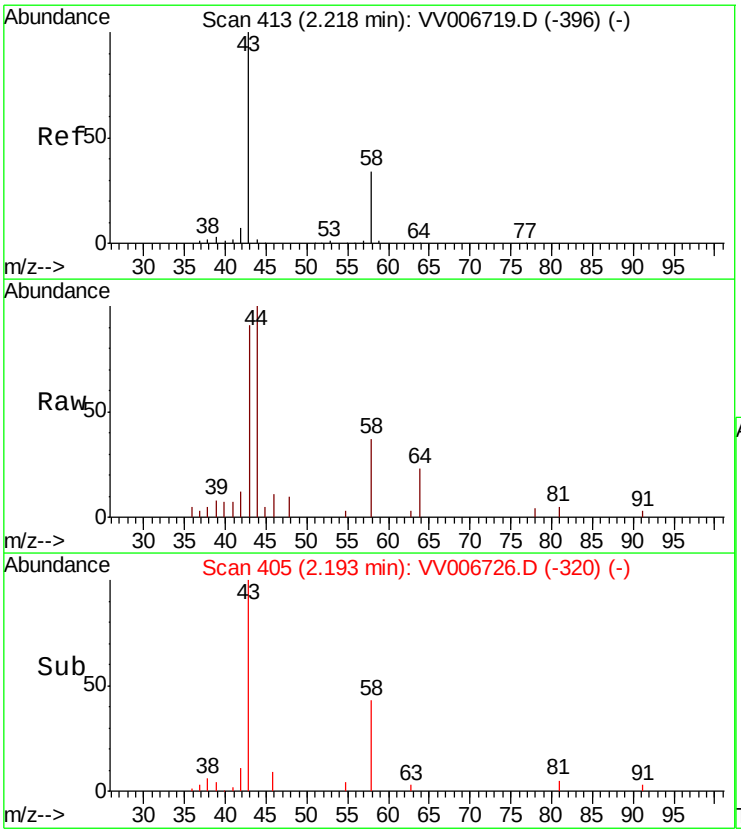
#3
Chloromethane
Concen: 0.369 ug/L
RT: 1.25 min Scan# 113
Delta R.T. -0.00 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 3323

Ion	Ratio	Lower	Upper
50	100		
52	30.1	22.1	41.1

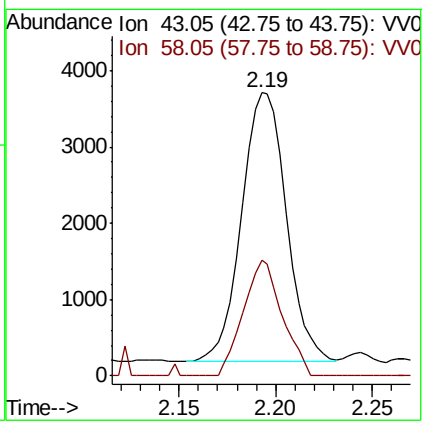


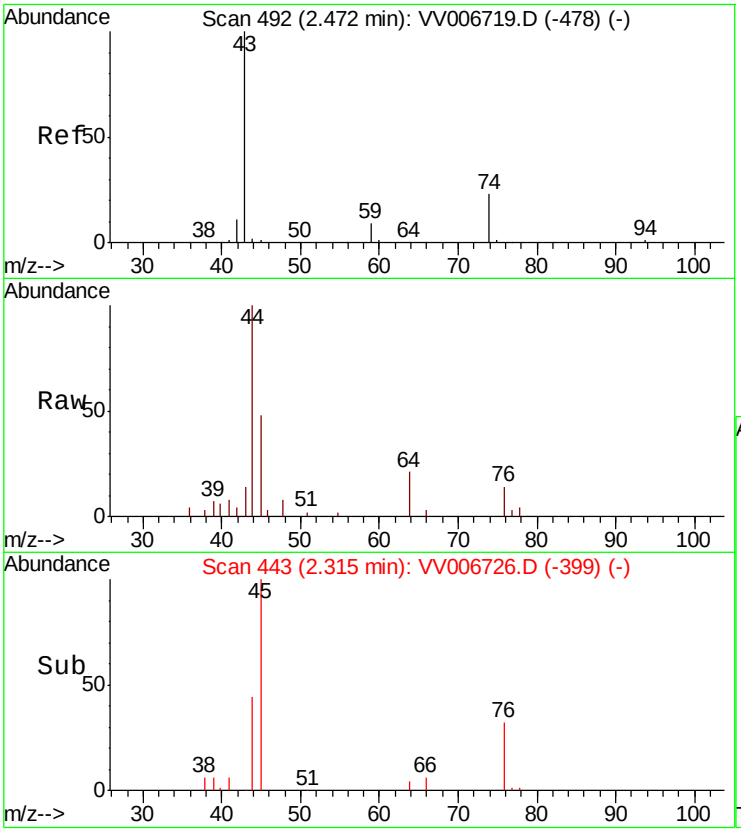


#13
Acetone
Concen: 4.664 ug/L
RT: 2.19 min Scan# 405
Delta R.T. -0.03 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Tgt Ion: 43 Resp: 5685

Ion	Ratio	Lower	Upper
43	100		
58	37.3	0.0	71.4



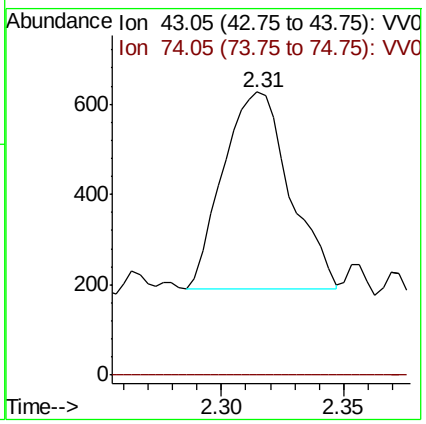


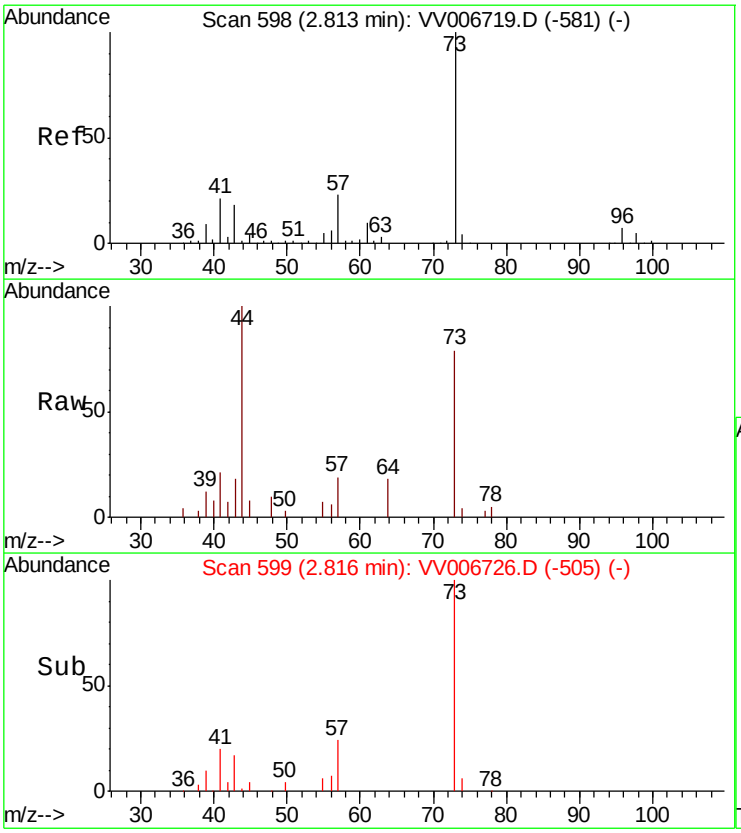
#15
Methyl Acetate
Concen: 0.228 ug/L
RT: 2.31 min Scan# 443
Delta R.T. -0.16 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 823

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.6	31.0#

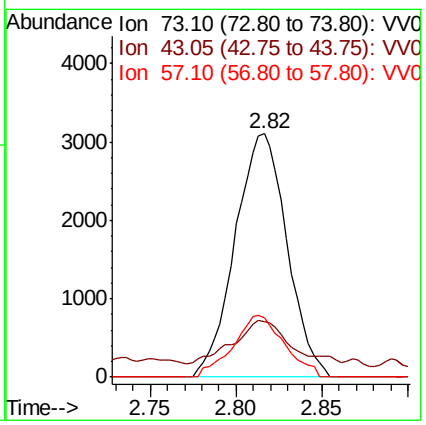


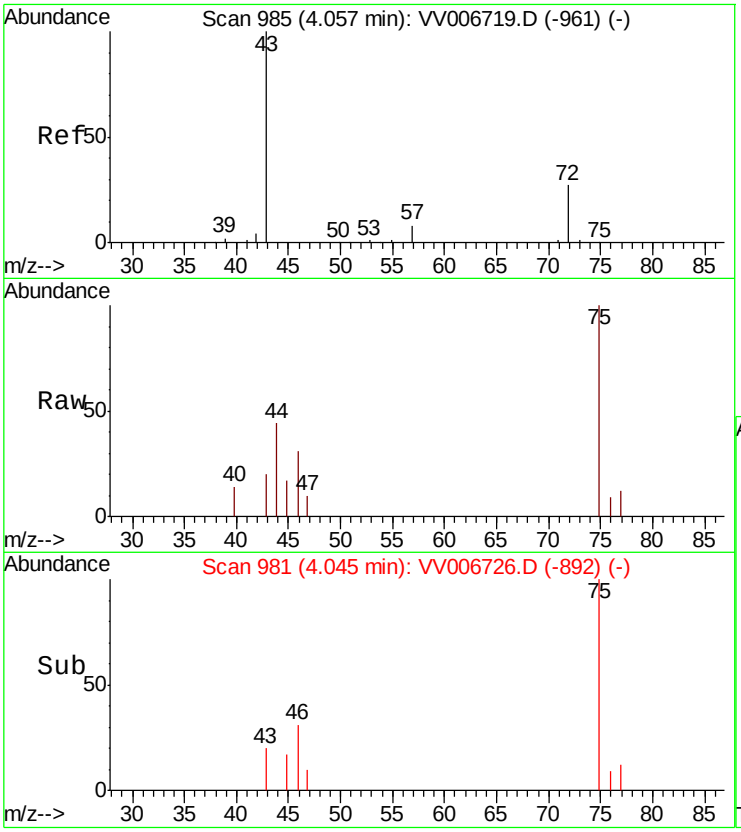


#17
Methyl tert-butyl Ether
Concen: 0.343 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Tgt Ion: 73 Resp: 6495

Ion	Ratio	Lower	Upper
73	100		
43	19.2	14.2	21.4
57	24.9	18.2	27.2



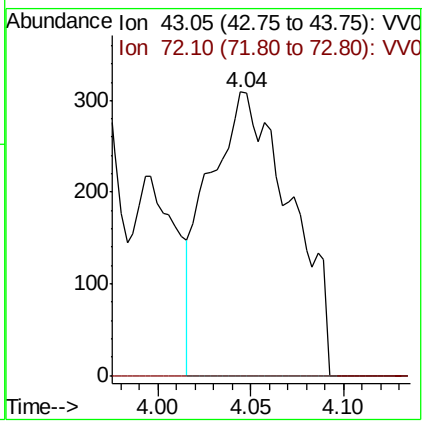


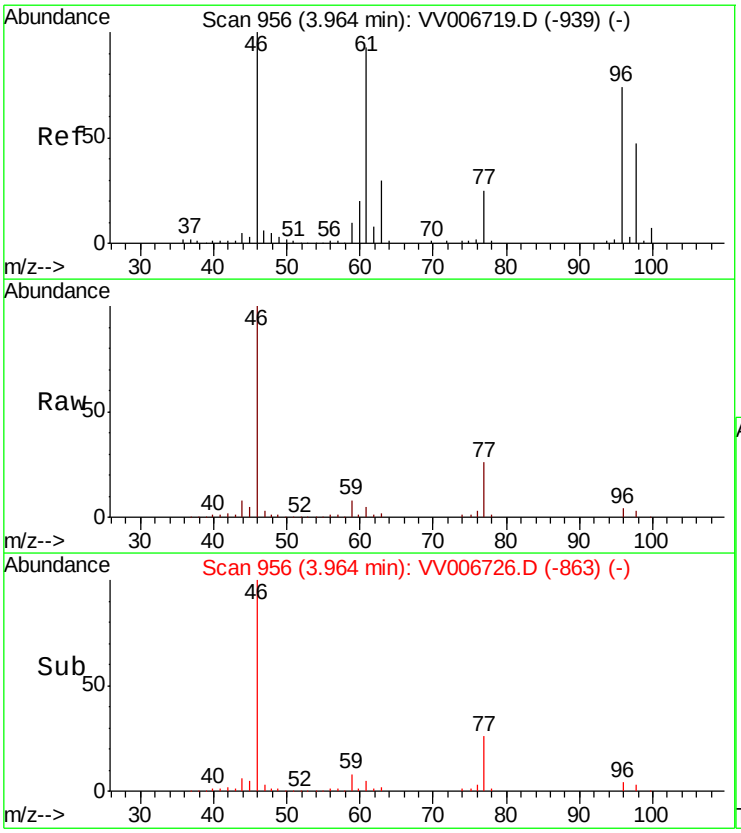
#21
2-Butanone
Concen: 0.468 ug/L
RT: 4.04 min Scan# 981
Delta R.T. -0.01 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 956

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.8	41.4#

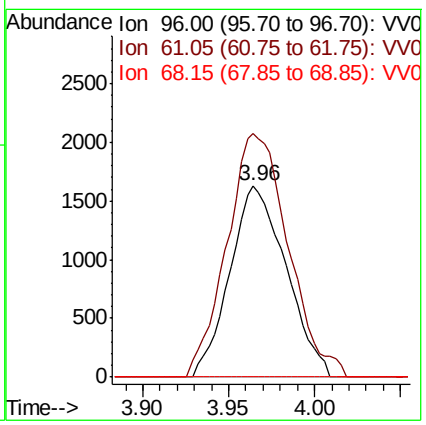


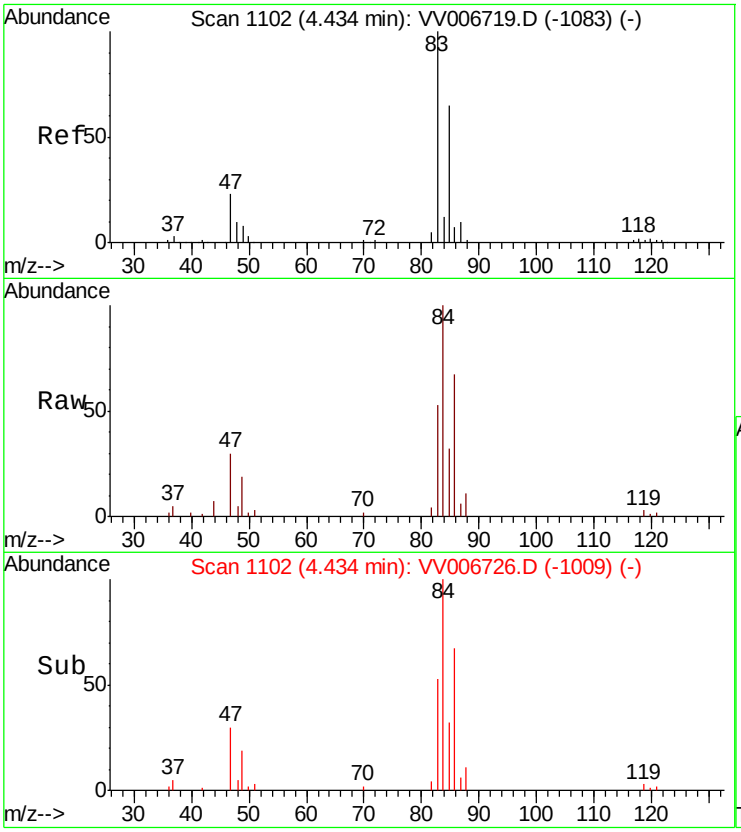


#22
cis-1,2-Dichloroethene
Concen: 0.423 ug/L
RT: 3.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Tgt Ion: 96 Resp: 3697

Ion	Ratio	Lower	Upper
96	100		
61	127.1	85.5	158.9
68	0.0	0.0	0.0



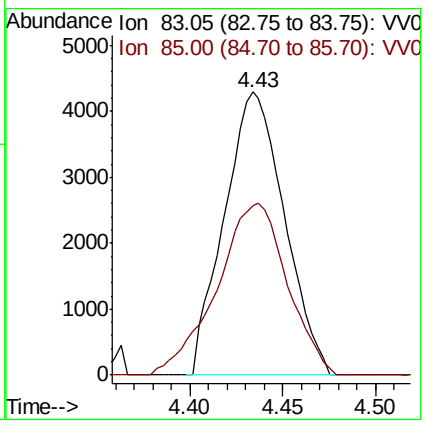


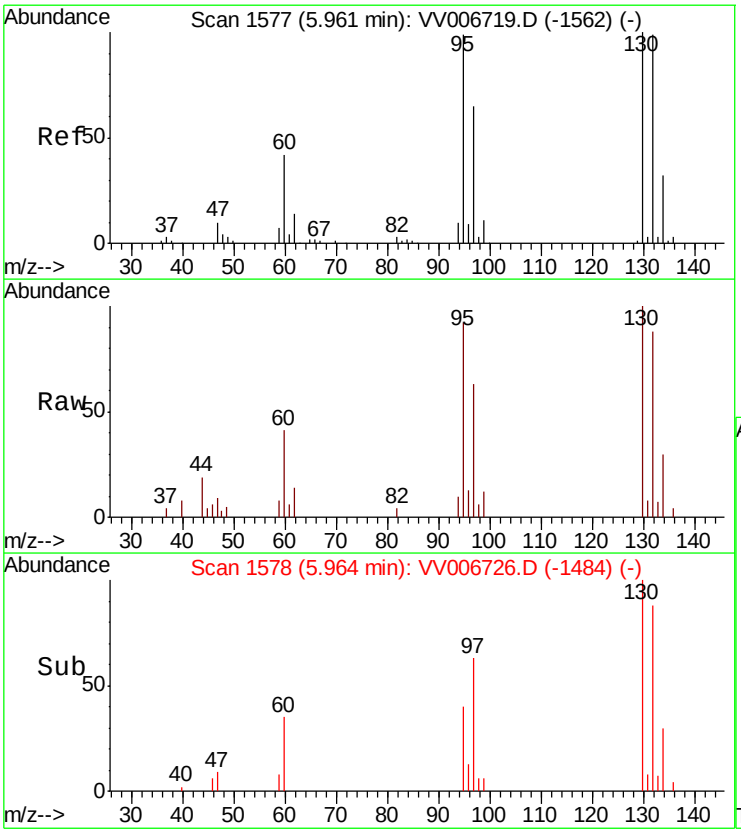
#25
Chloroform
Concen: 0.670 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 9690

Ion	Ratio	Lower	Upper
83	100		
85	60.0	46.1	85.5

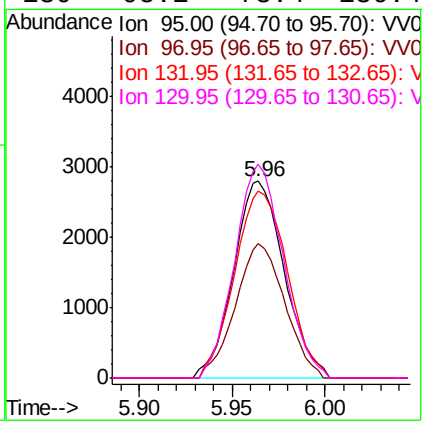


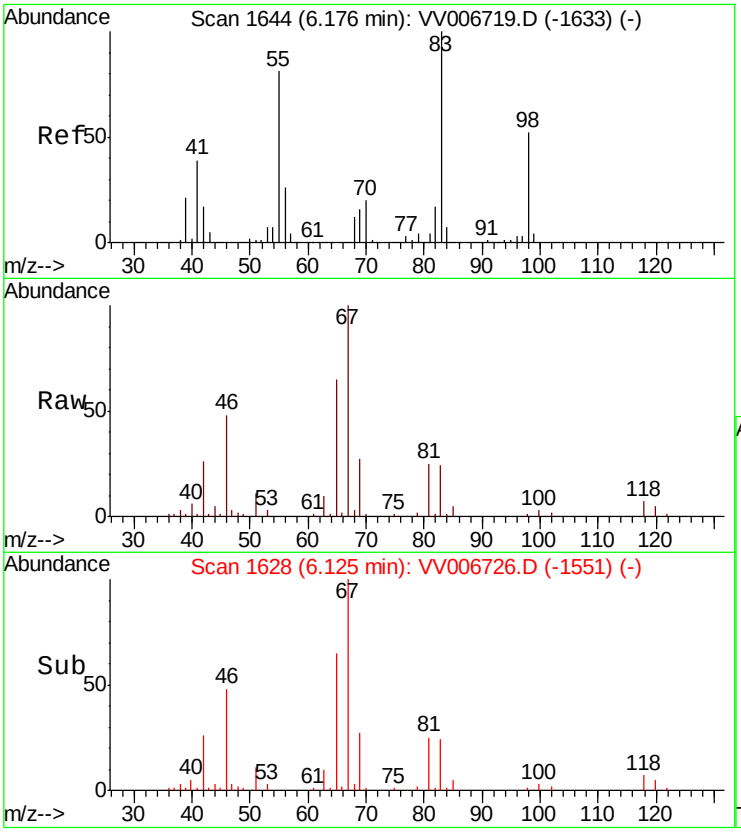


#34
Trichloroethene
Concen: 0.650 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Tgt Ion: 95 Resp: 5292

Ion	Ratio	Lower	Upper
95	100		
97	59.7	44.9	83.3
132	83.5	68.9	127.9
130	95.1	73.4	136.4



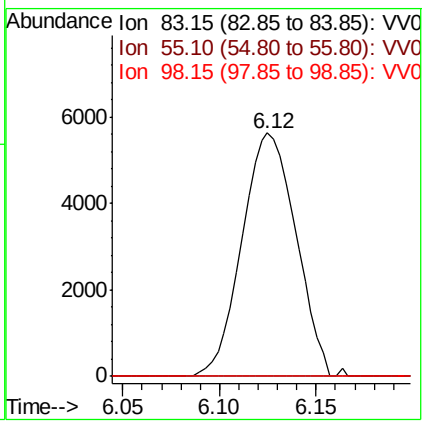


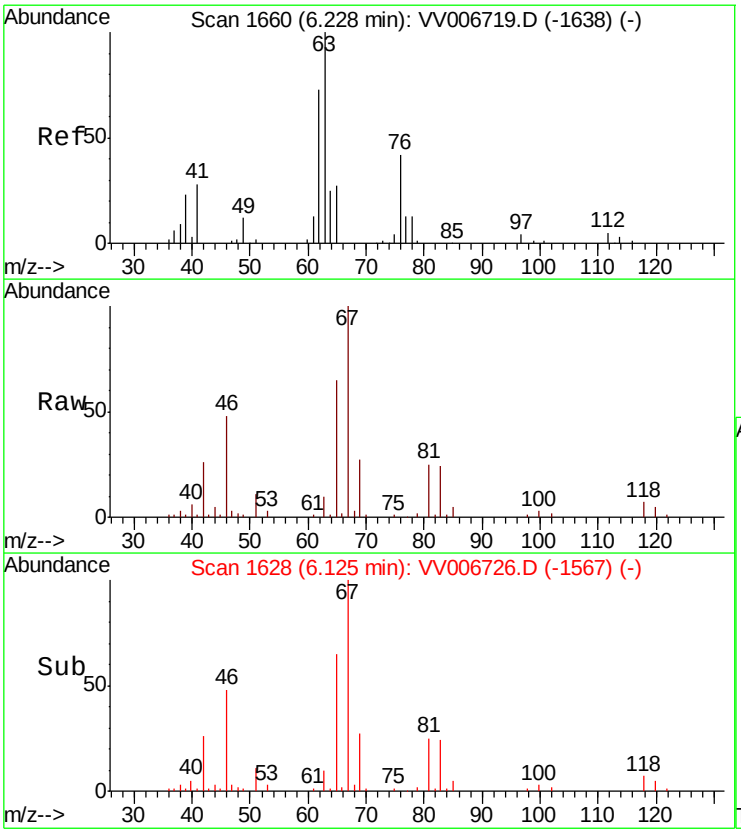
#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10919

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	5.6	39.7	59.5#

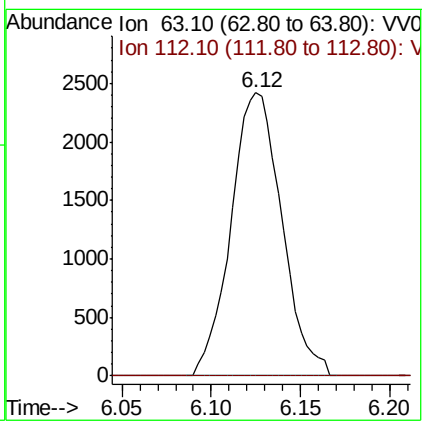


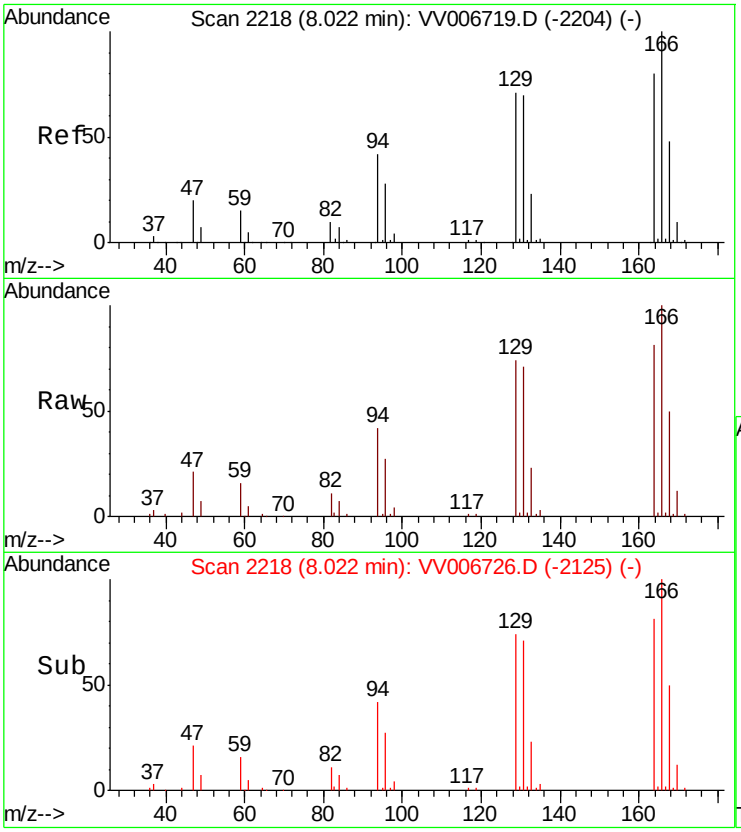


#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Tgt Ion: 63 Resp: 4811

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



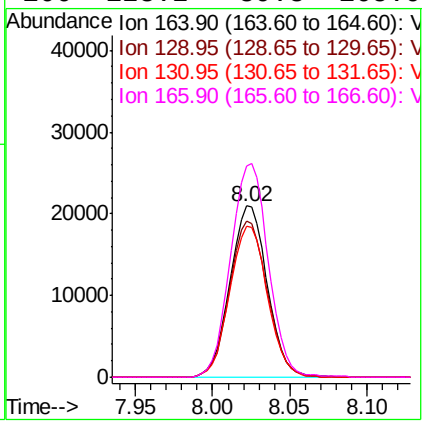


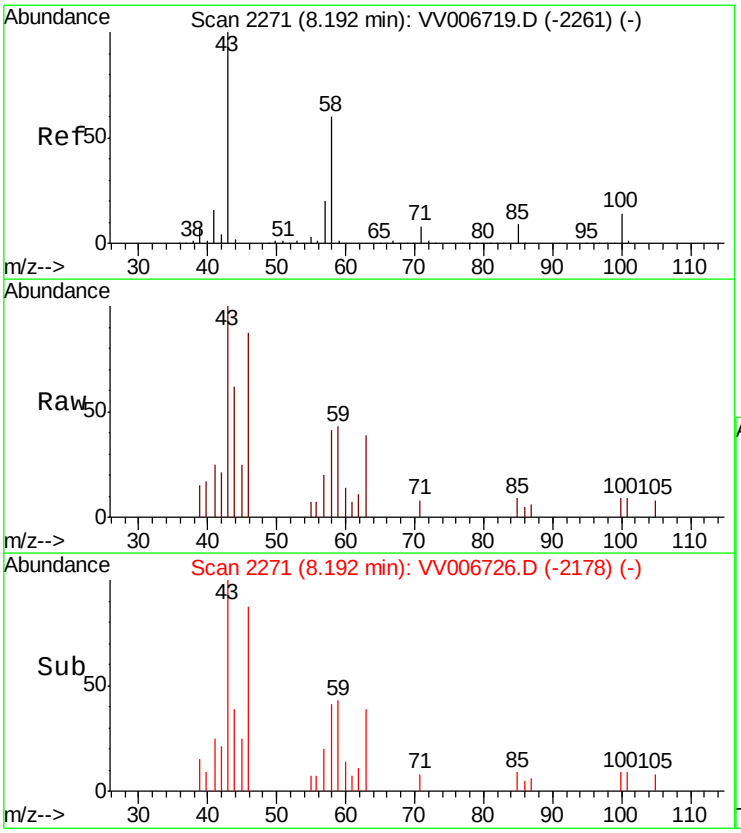
#47
Tetrachloroethene
Concen: 5.410 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 35002

Ion	Ratio	Lower	Upper
164	100		
129	91.3	65.0	120.8
131	87.9	61.9	115.1
166	123.2	89.3	165.9

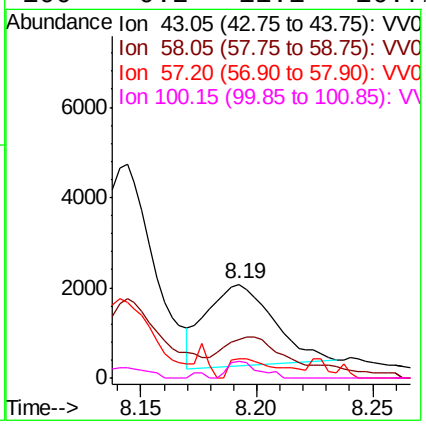


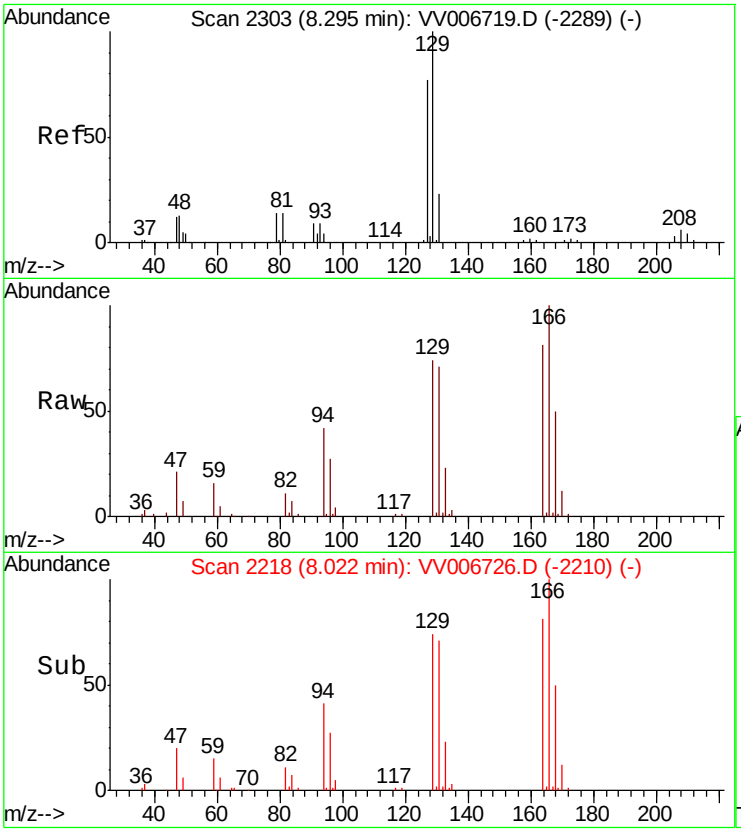


#48
2-Hexanone
Concen: 1.145 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Tgt Ion: 43 Resp: 3639

Ion	Ratio	Lower	Upper
43	100		
58	29.8	47.2	70.8#
57	16.3	16.1	24.1
100	9.2	11.1	16.7#





#49
Dibromochloromethane
Concen: 5.264 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006726.D
Acq: 27 Jul 2018 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 31078

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#