Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081018\
Data File : VV006993.D
Acq On : 10 Aug 2018 19:35
Operator : SY/MD
Sample : MDL04
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL04

Quant Time: Aug 11 00:21:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 11 00:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	242771	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235411	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94969	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66652	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.58	69	60631	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.13	63	90940	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	3.97	46	227739	50.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.06%			
24) Chloroform-d	4.41	84	154717	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.09	65	80391	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.10	84	279808	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.13	67	100045	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.37	98	206969	4.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.40%			
43) trans-1,3-Dichloropropene-	7.67	79	29838	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.15	63	117463	39.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.86%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74540	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	80008	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3779	0.210	ug/L	89
12) 1,1-Dichloroethene	2.14	96	3641	0.209	ug/L #	1
13) Acetone	2.20	43	4444	1.915	ug/L	87
15) Methyl Acetate	2.47	43	1440	0.220	ug/L	92
16) Methylene chloride	2.54	84	4972	0.237	ug/L	93
21) 2-Butanone	4.06	43	7845	1.557	ug/L	79
40) 4-Methyl-2-pentanone	7.29	43	14738	1.222	ug/L #	89
48) 2-Hexanone	8.20	43	29550	3.474	ug/L	95

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

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Instrument :
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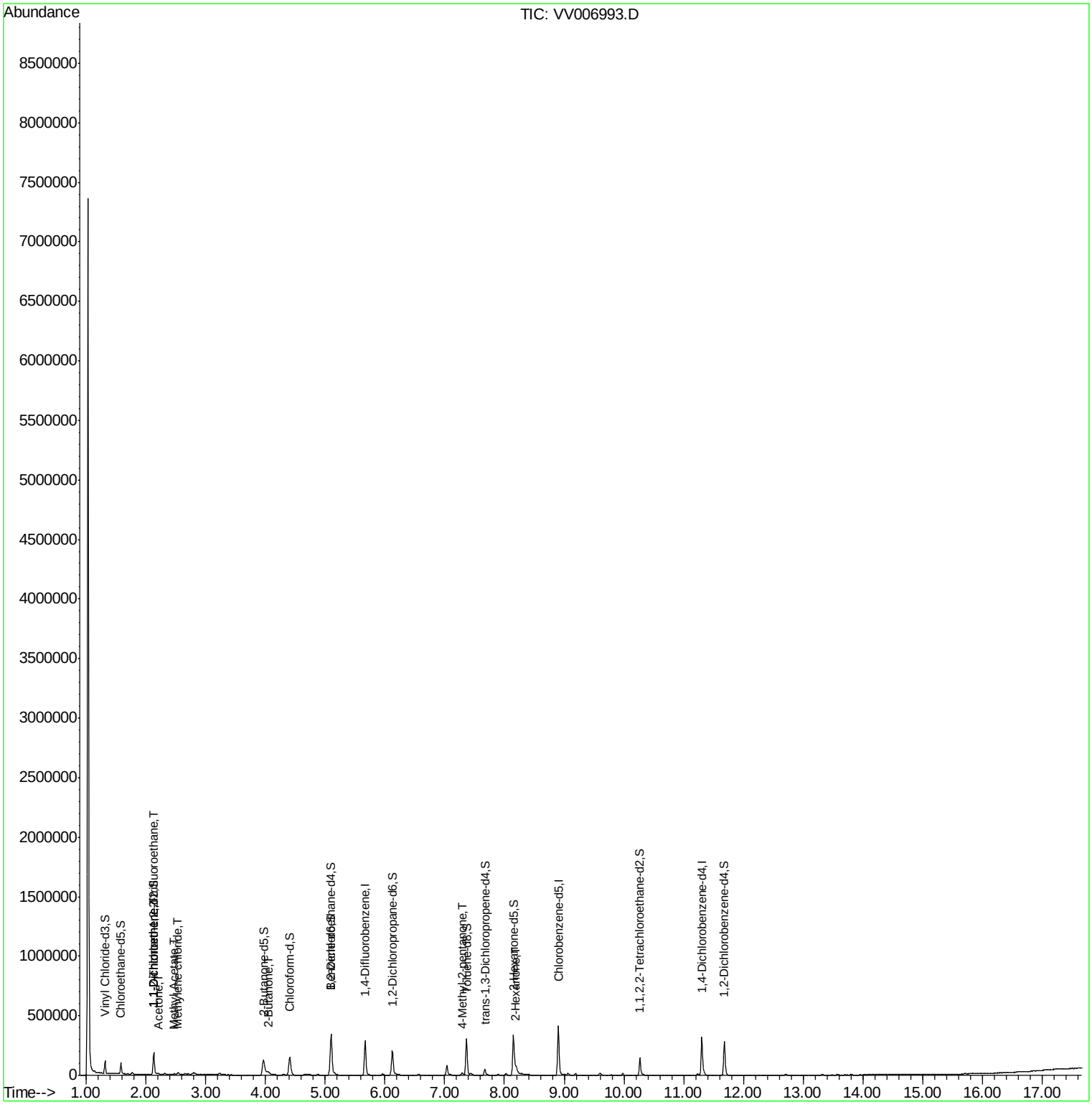
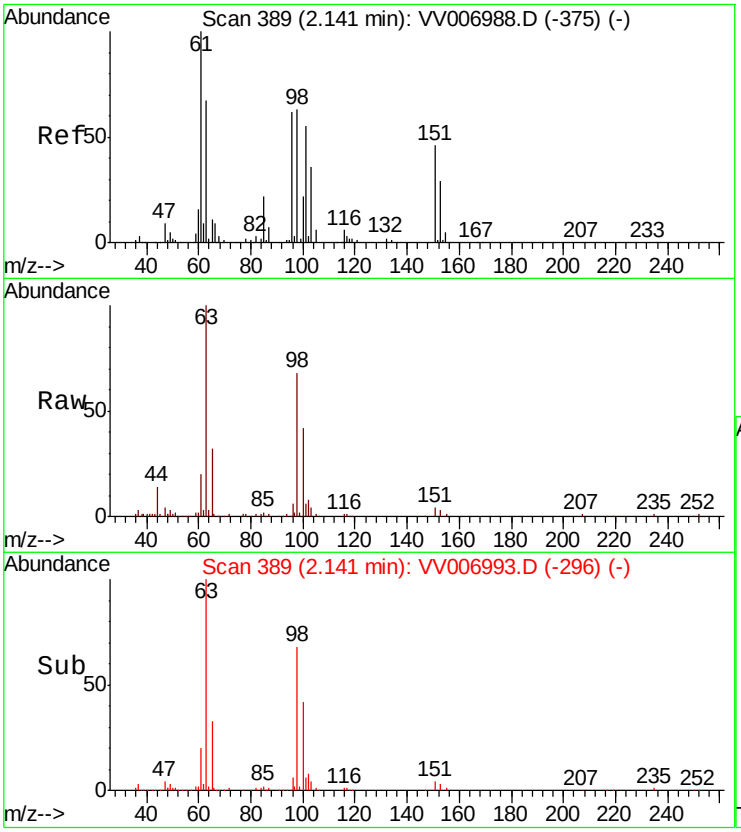
ClientSampleId :
MDL04

Quant Time: Aug 11 00:21:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 11 00:19:35 2018
Response via : Initial Calibration



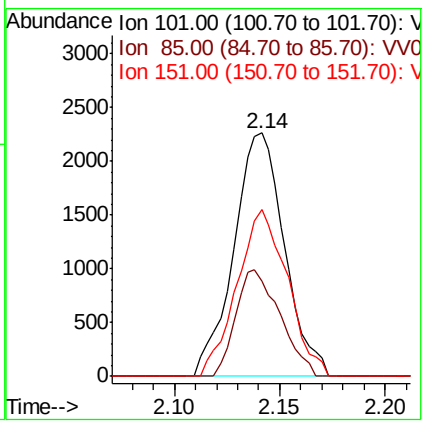


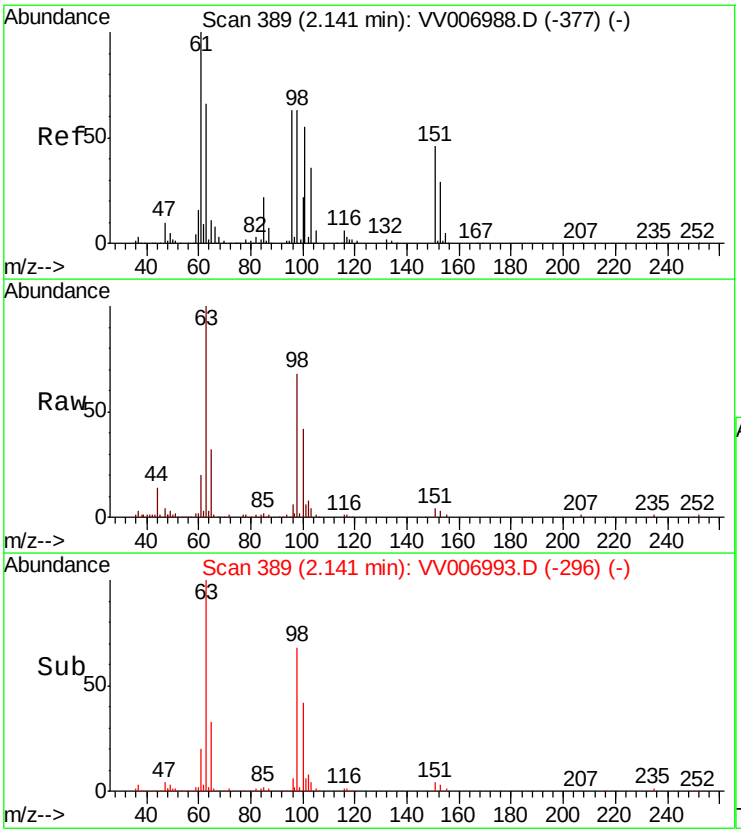
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.210 ug/L
RT: 2.14 min Scan# 389
Delta R.T. 0.00 min
Lab File: VV006993.D
Acq: 10 Aug 2018 19:35

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 3779

Ion	Ratio	Lower	Upper
101	100		
85	38.0	33.9	50.9
151	68.0	64.1	96.1

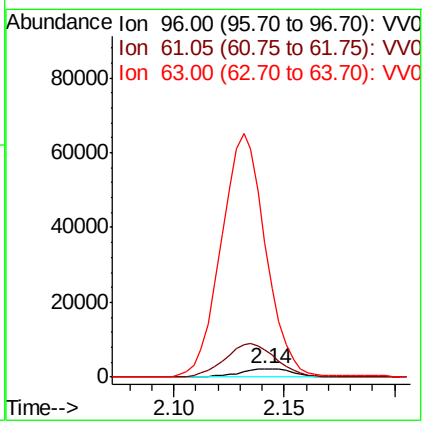


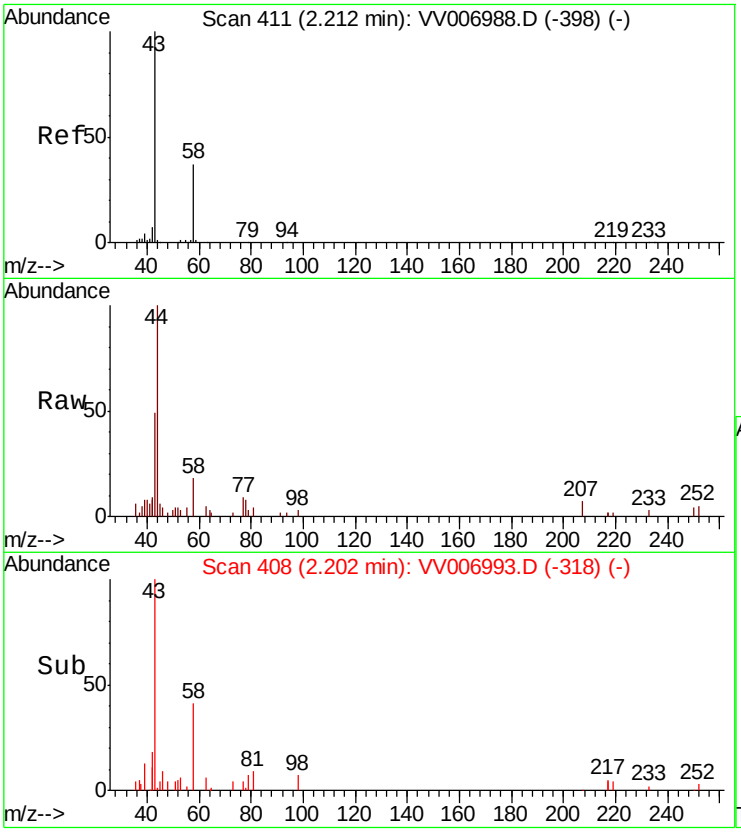


#12
1,1-Dichloroethene
Concen: 0.209 ug/L
RT: 2.14 min Scan# 389
Delta R.T. 0.00 min
Lab File: VV006993.D
Acq: 10 Aug 2018 19:35

Tgt Ion: 96 Resp: 3641

Ion	Ratio	Lower	Upper
96	100		
61	331.0	111.6	207.4#
63	1643.2	84.9	157.7#



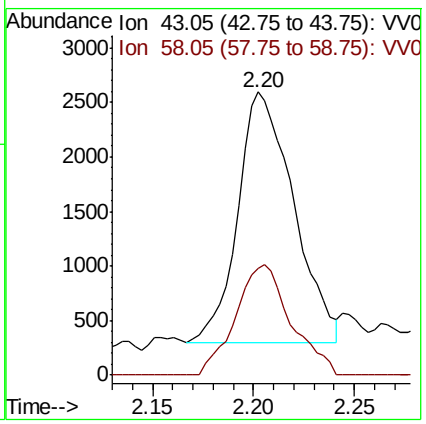


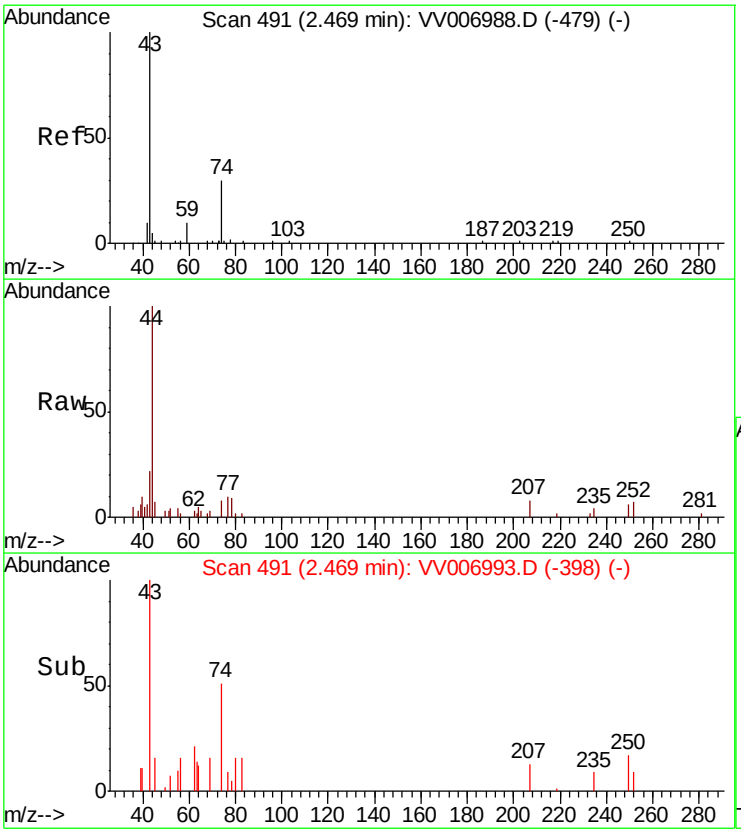
#13
Acetone
Concen: 1.915 ug/L
RT: 2.20 min Scan# 408
Delta R.T. -0.01 min
Lab File: VV006993.D
Acq: 10 Aug 2018 19:35

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 4444

Ion	Ratio	Lower	Upper
43	100		
58	43.5	0.0	71.4

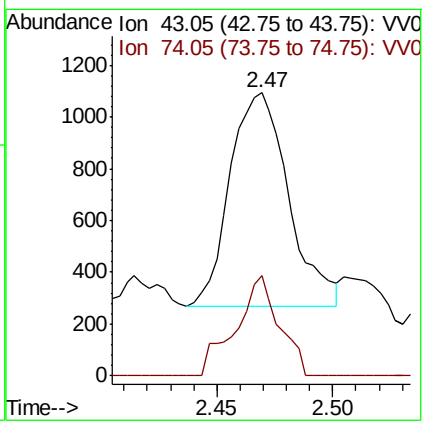


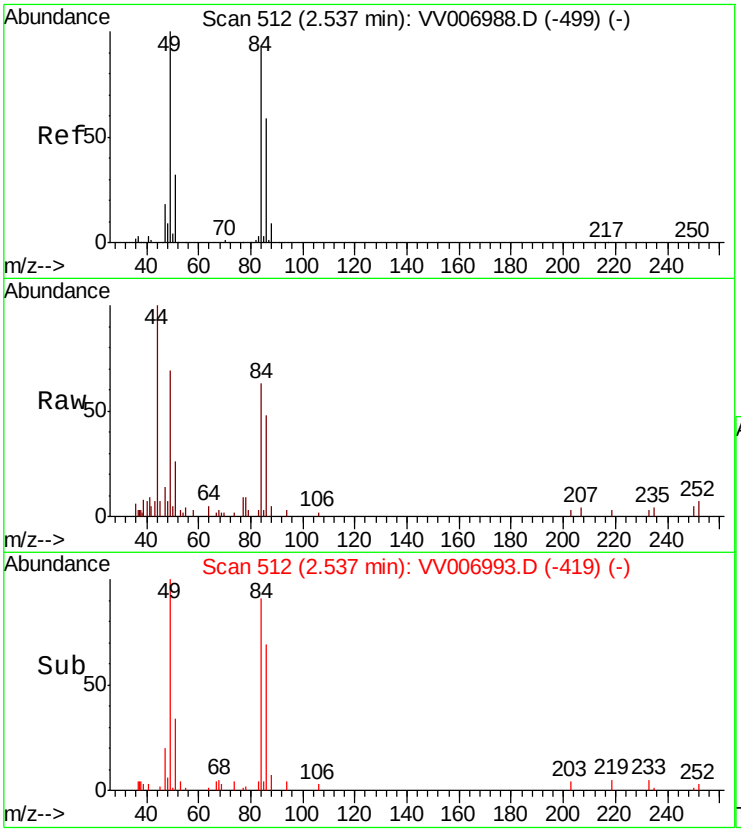


#15
Methyl Acetate
Concen: 0.220 ug/L
RT: 2.47 min Scan# 491
Delta R.T. 0.00 min
Lab File: VV006993.D
Acq: 10 Aug 2018 19:35

Tgt Ion: 43 Resp: 1440

Ion	Ratio	Lower	Upper
43	100		
74	35.1	24.6	37.0



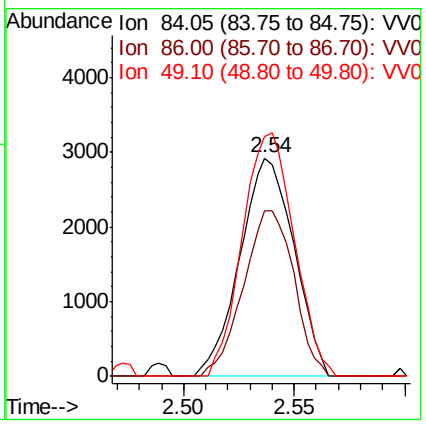


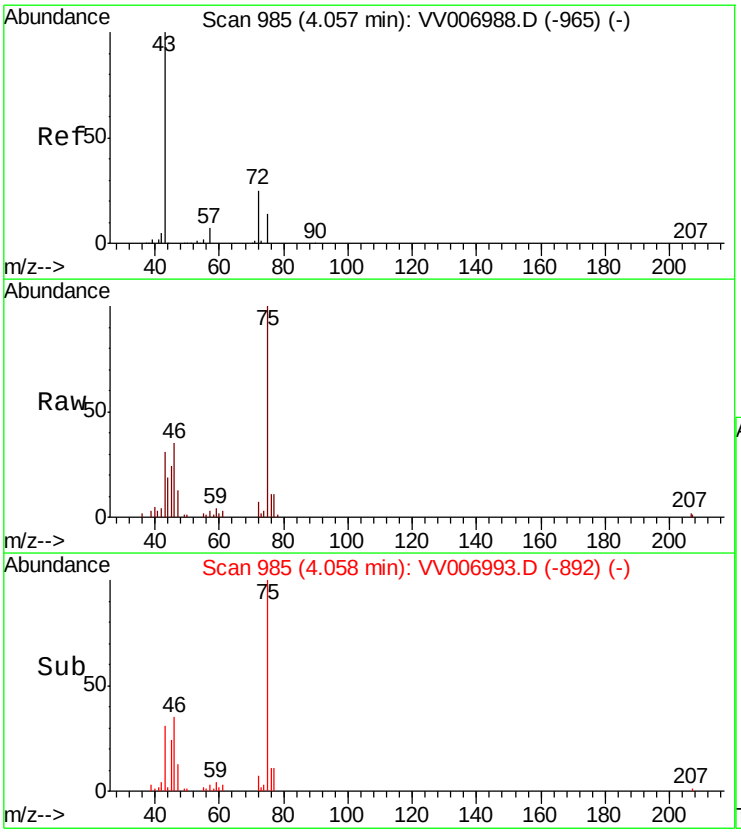
#16
Methylene chloride
Concen: 0.237 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV006993.D
Acq: 10 Aug 2018 19:35

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion: 84 Resp: 4972

Ion	Ratio	Lower	Upper
84	100		
86	75.6	45.7	84.9
49	109.5	78.8	146.4

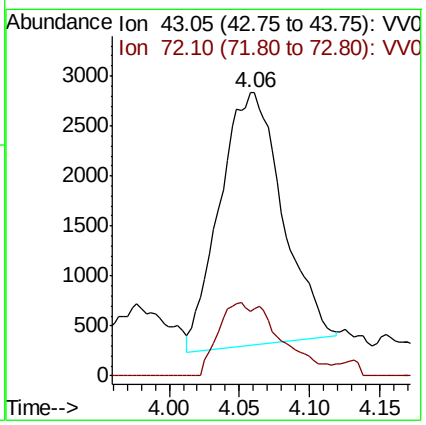


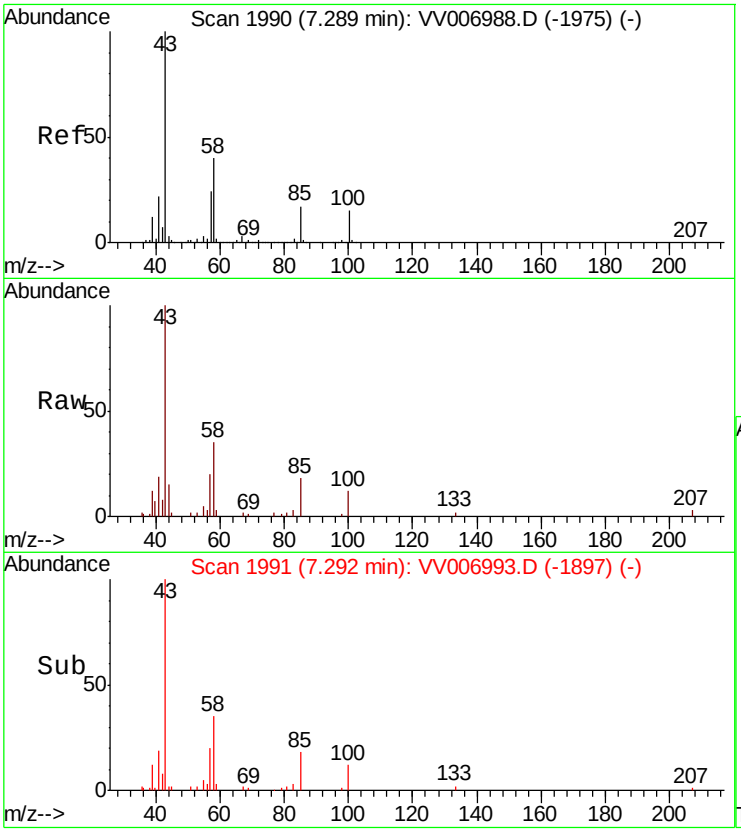


#21
2-Butanone
Concen: 1.557 ug/L
RT: 4.06 min Scan# 985
Delta R.T. 0.00 min
Lab File: VV006993.D
Acq: 10 Aug 2018 19:35

Tgt Ion: 43 Resp: 7845

Ion	Ratio	Lower	Upper
43	100		
72	14.5	12.4	37.2



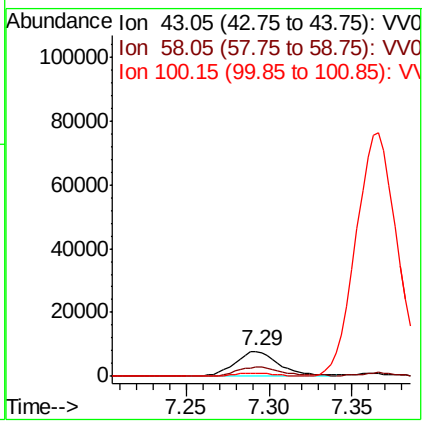


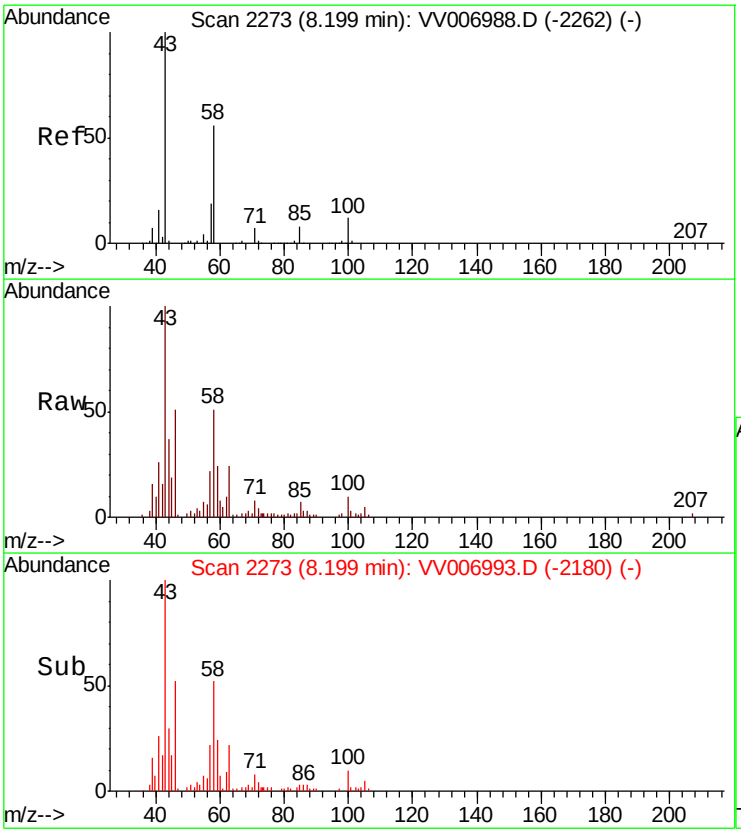
#40
4-Methyl-2-pentanone
Concen: 1.222 ug/L
RT: 7.29 min Scan# 1991
Delta R.T. 0.00 min
Lab File: VV006993.D
Acq: 10 Aug 2018 19:35

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 14738

Ion	Ratio	Lower	Upper
43	100		
58	36.6	30.7	46.1
100	0.0	11.2	16.8#





#48
2-Hexanone
Concen: 3.474 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV006993.D
Acq: 10 Aug 2018 19:35

Tgt Ion: 43 Resp: 29550

Ion	Ratio	Lower	Upper
43	100		
58	50.7	44.2	66.2
57	19.8	14.8	22.2
100	9.8	8.8	13.2