Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050918\

Quantitation Report (Not Reviewed)

Data File : VX001567.D
Acq On : 09 May 2018 20:40
Operator : JC/MD
Sample : J2732-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RAV-GTMW-5

Quant Time: May 10 04:18:33 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	228277	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	312427	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	273885	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148534	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	190716	58.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.26%				
35) Dibromofluoromethane	5.51	113	150868	54.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.58%				
50) Toluene-d8	8.72	98	516101	50.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.76%				
62) 4-Bromofluorobenzene	11.14	95	169795	43.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.20%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	21691	7.25	ug/l	#	47
5) Bromomethane	1.62	94	119	Below Cal		#	3
13) Acrolein	2.29	56	84	Below Cal		#	16
16) Acetone	2.45	43	8065	5.41	ug/l		99
17) Carbon Disulfide	2.57	76	3194	0.50	ug/l	#	94
19) Methyl tert-butyl Ether	3.21	73	1967	0.22	ug/l		95
20) Methylene Chloride	2.85	84	828	0.28	ug/l		85
25) 2-Butanone	4.72	43	1059	0.49	ug/l		93
31) Cyclohexane	5.67	56	4019	0.95	ug/l	#	20
36) 1,1-Dichloropropene	5.67	75	14376	3.62	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	19964	4.71	ug/l	#	16
76) 1,2,3-Trichloropropane	11.14	75	84708	28.12	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	84708	86.25	ug/l	#	7

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

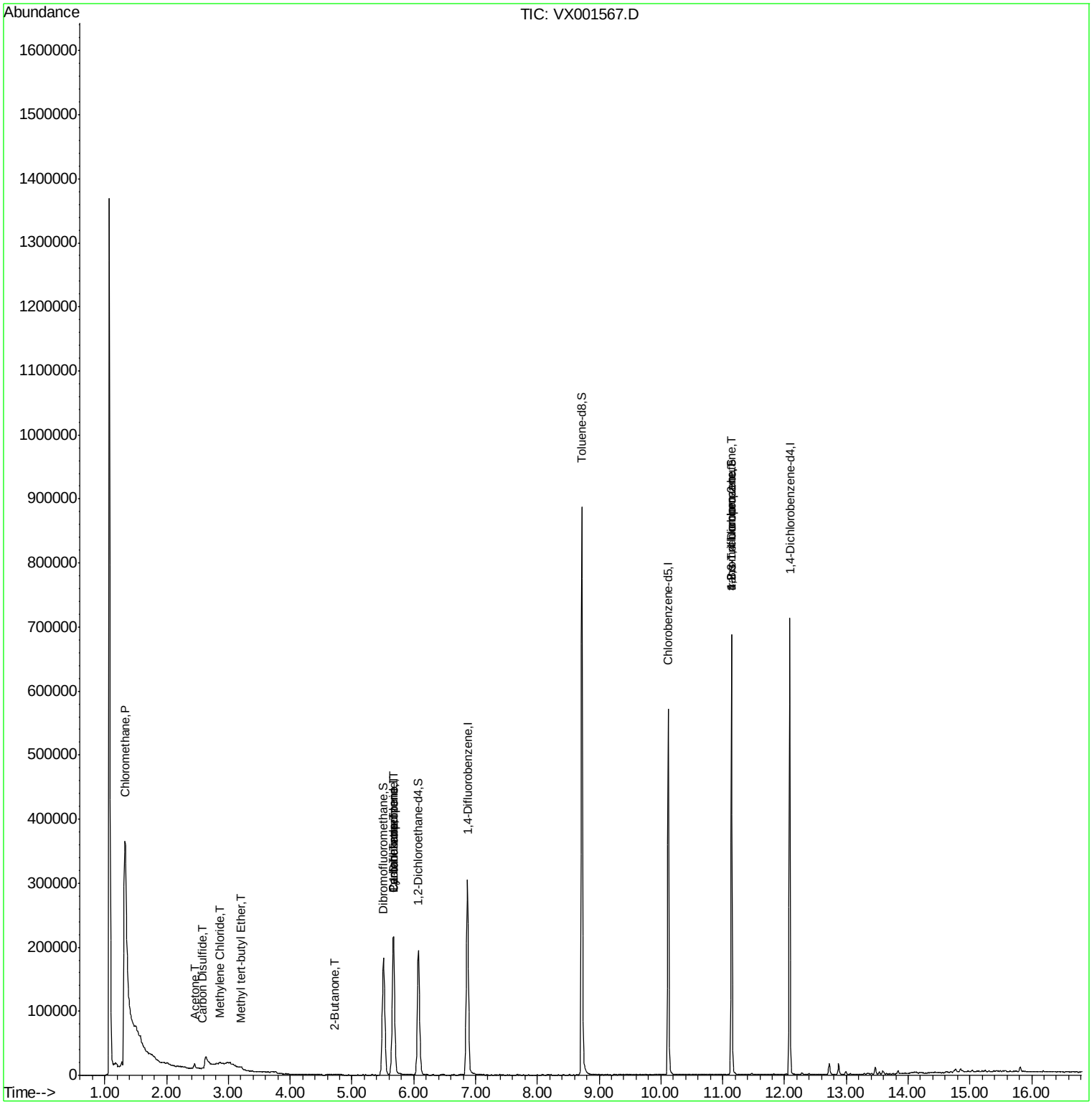
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050918\

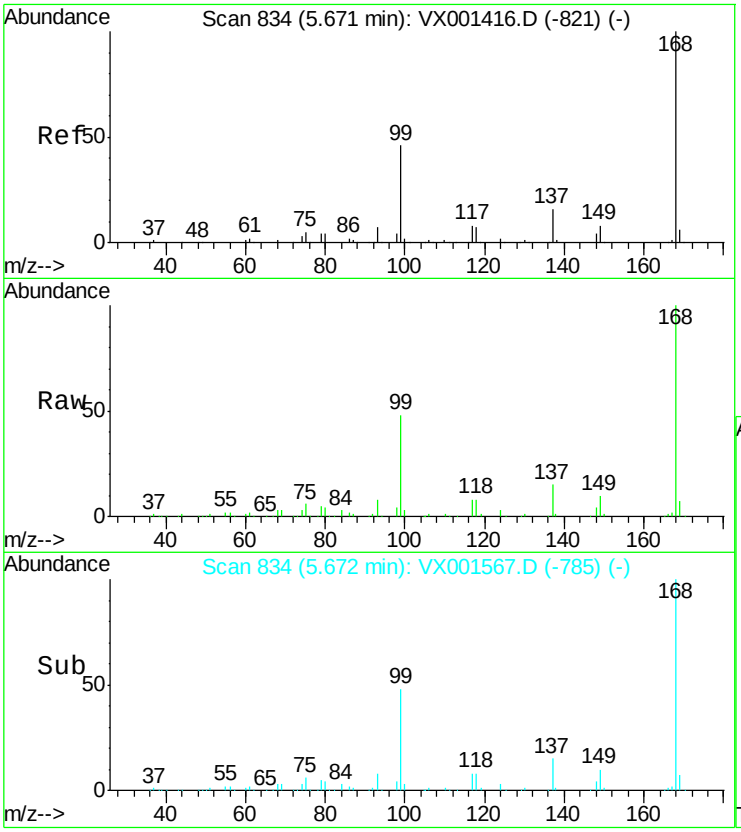
Quantitation Report (Not Reviewed)

Data File : VX001567.D
Acq On : 09 May 2018 20:40
Operator : JC/MD
Sample : J2732-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Quant Time: May 10 04:18:33 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration



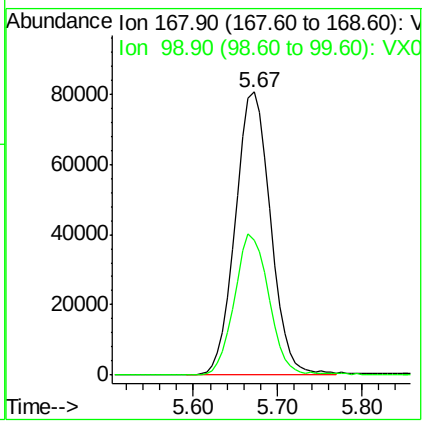


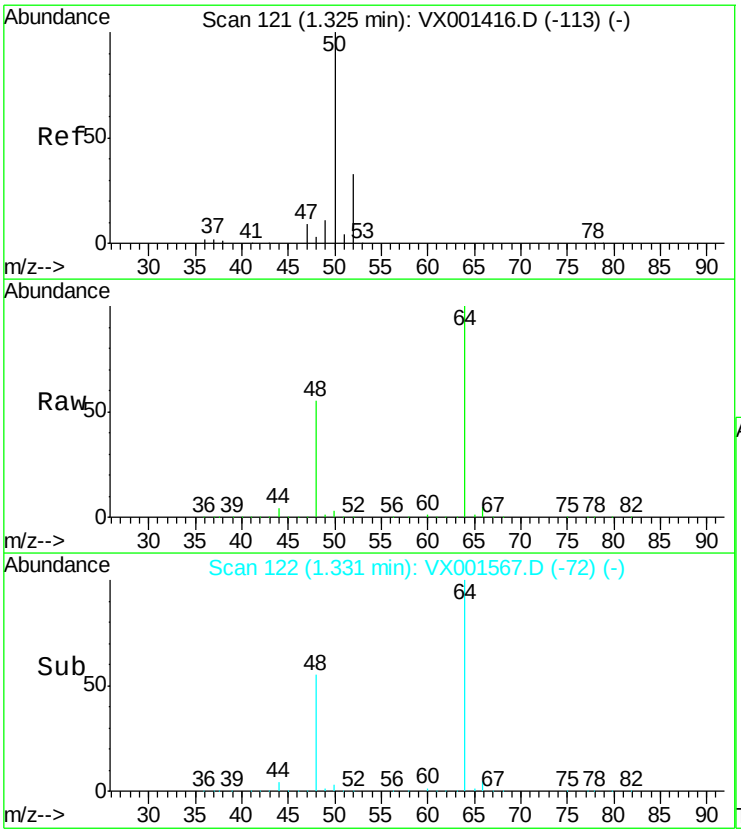
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion:168 Resp: 228277

Ion	Ratio	Lower	Upper
168	100		
99	47.6	36.6	54.8

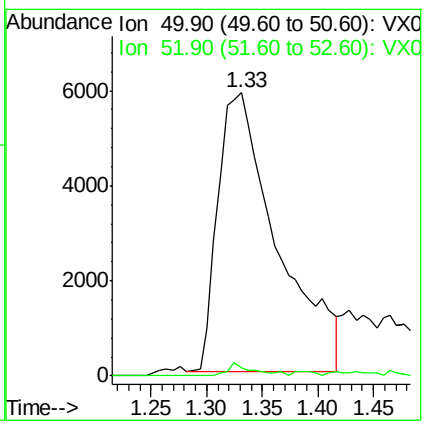


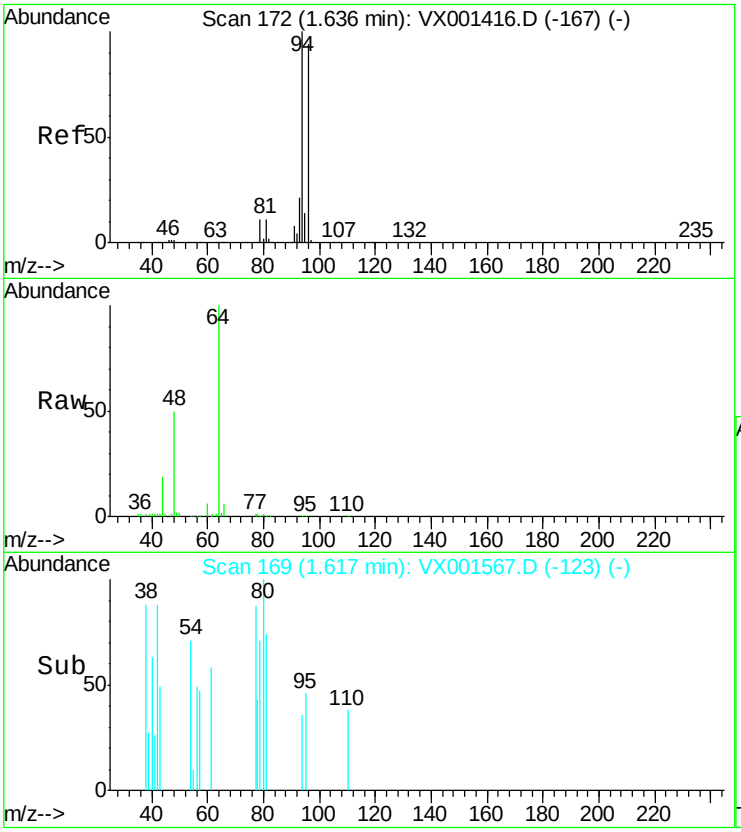


#3
Chloromethane
Concen: 7.25 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion: 50 Resp: 21691

Ion	Ratio	Lower	Upper
50	100		
52	2.8	26.2	39.4#



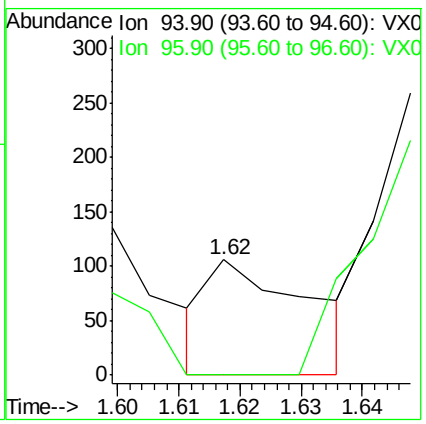


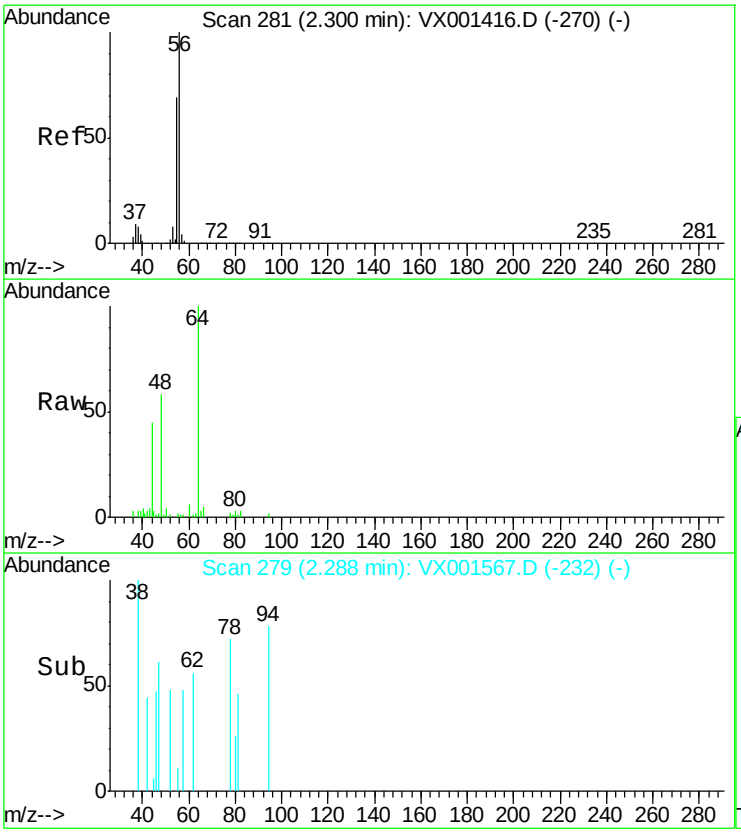
#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 169
Delta R.T. -0.02 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion: 94 Resp: 119

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.0	112.6#

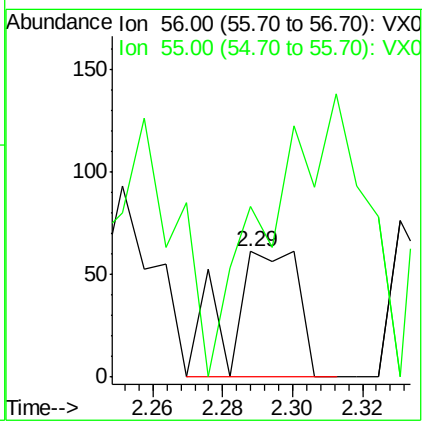


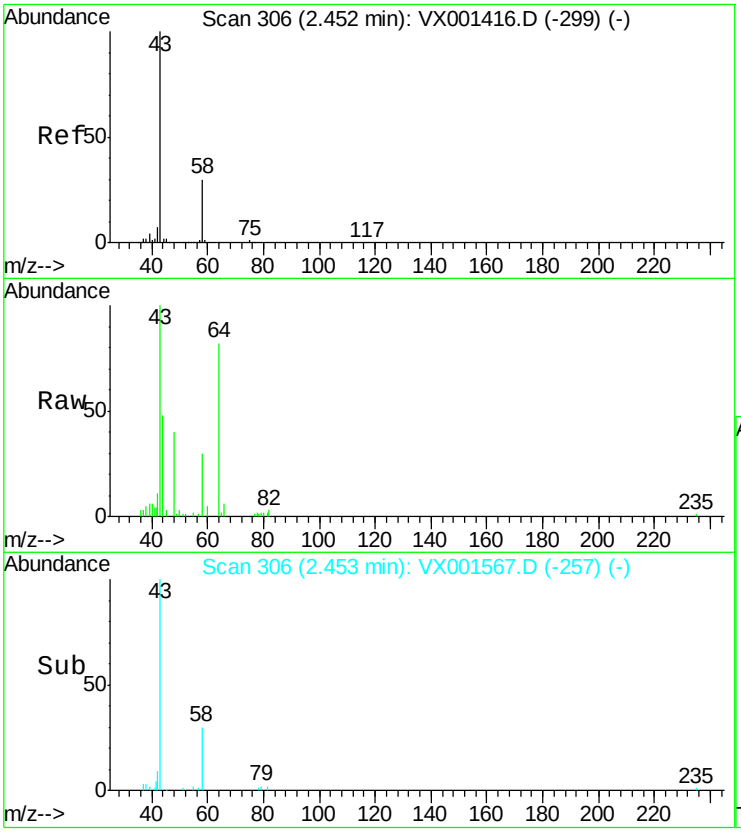


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion: 56 Resp: 84

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.5	81.7#



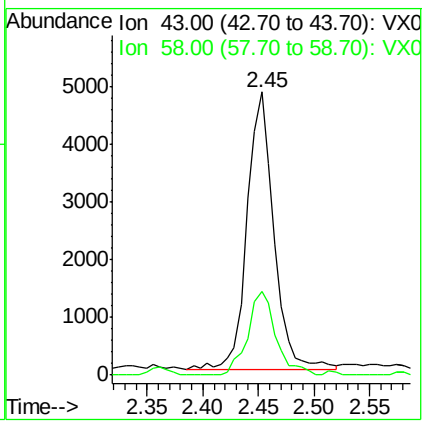


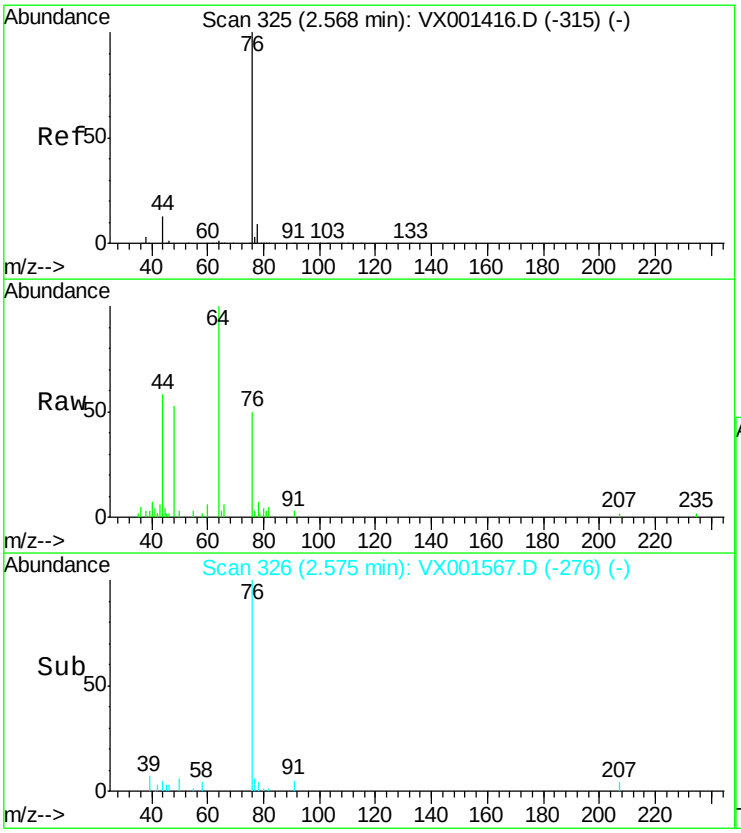
#16
Acetone
Concen: 5.41 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion: 43 Resp: 8065

Ion	Ratio	Lower	Upper
43	100		
58	30.1	23.8	35.8

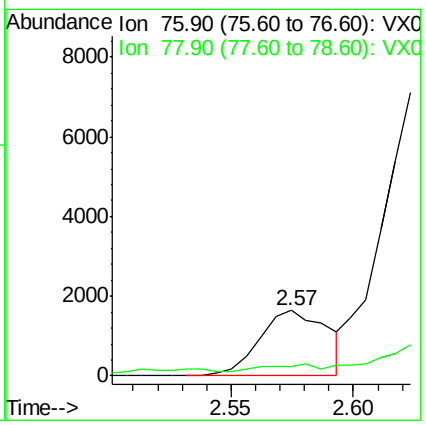


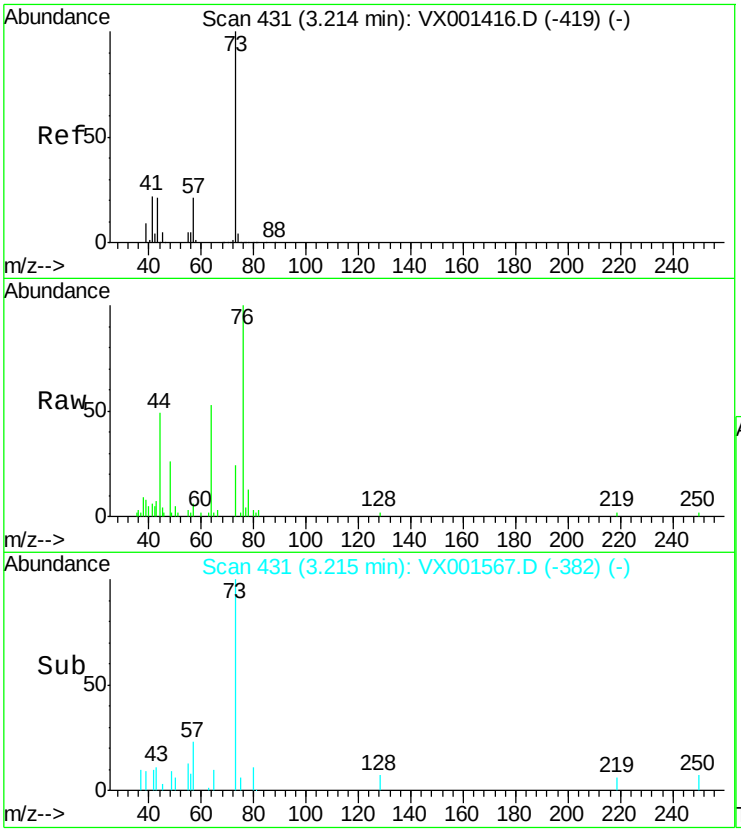


#17
Carbon Disulfide
Concen: 0.50 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion: 76 Resp: 3194

Ion	Ratio	Lower	Upper
76	100		
78	7.2	7.4	11.2#



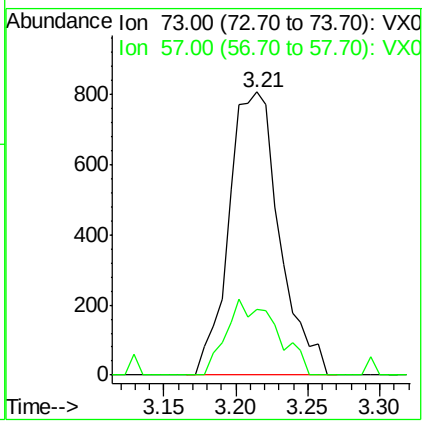


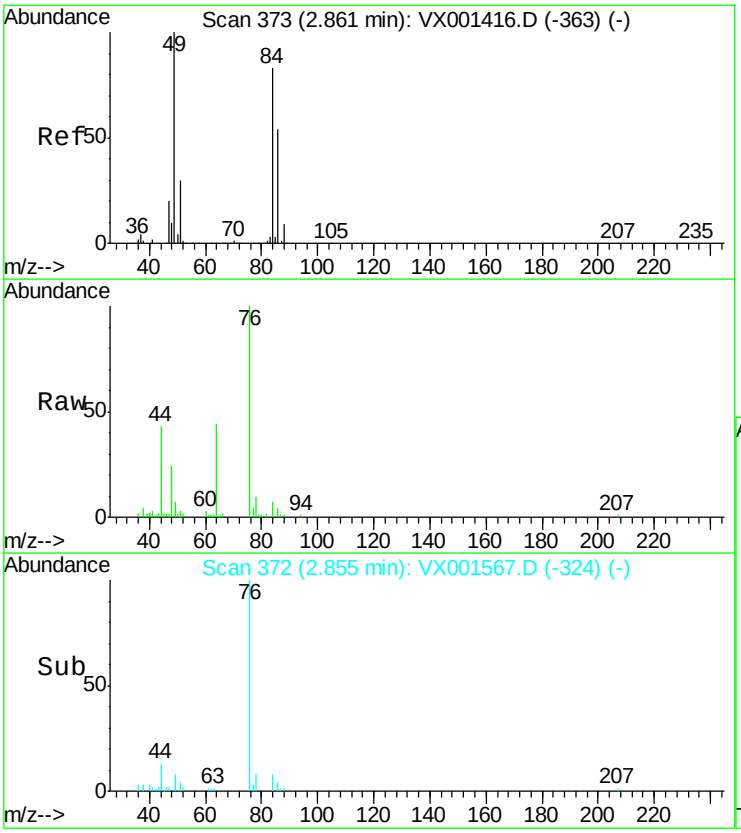
#19
Methyl tert-butyl Ether
Concen: 0.22 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion: 73 Resp: 1967

Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.0	25.6

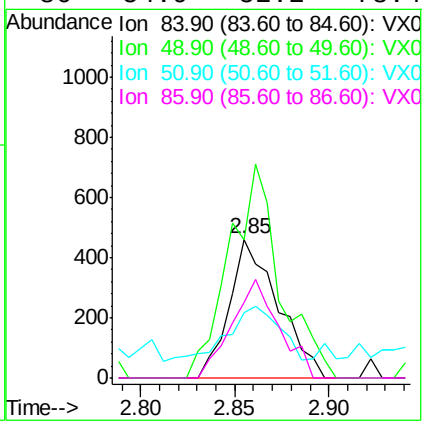


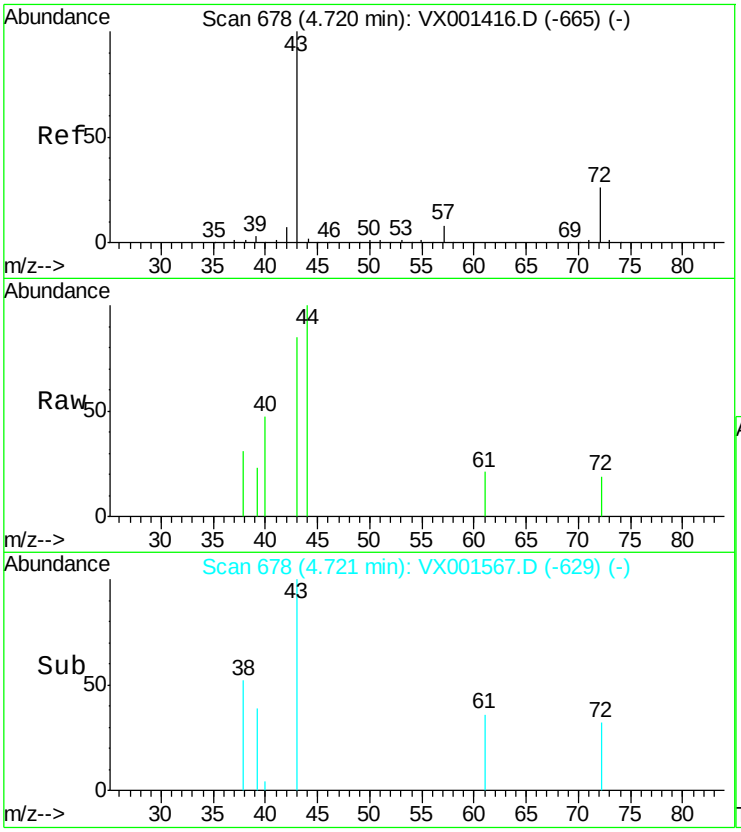


#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion: 84 Resp: 828

Ion	Ratio	Lower	Upper
84	100		
49	99.8	96.6	144.8
51	33.2	29.0	43.4
86	54.9	52.2	78.4



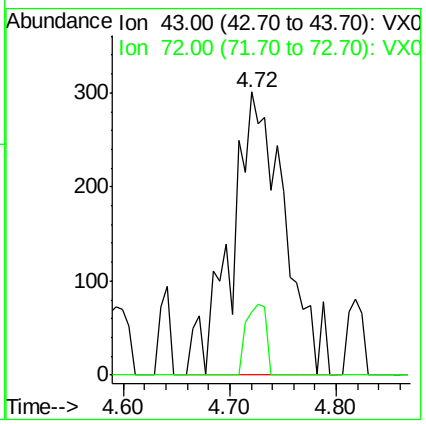


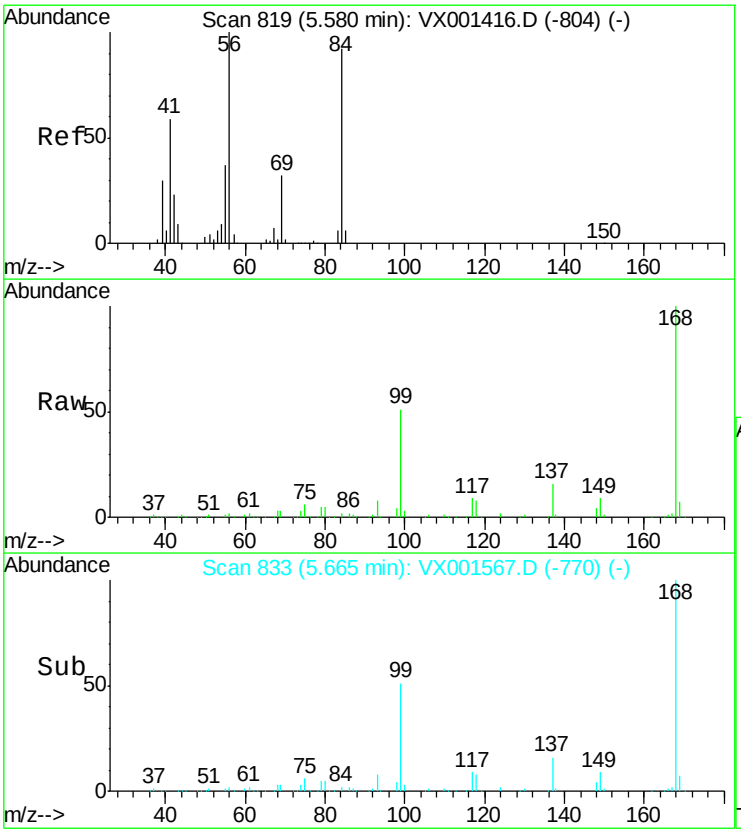
#25
2-Butanone
Concen: 0.49 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion: 43 Resp: 1059

Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.7	31.1

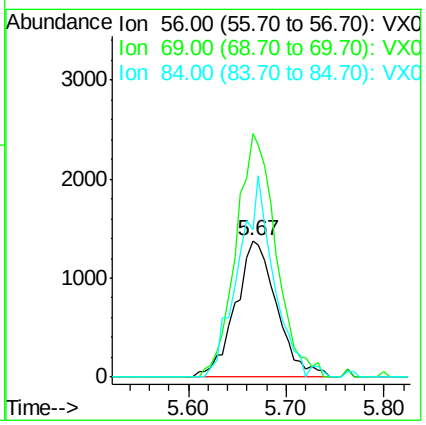


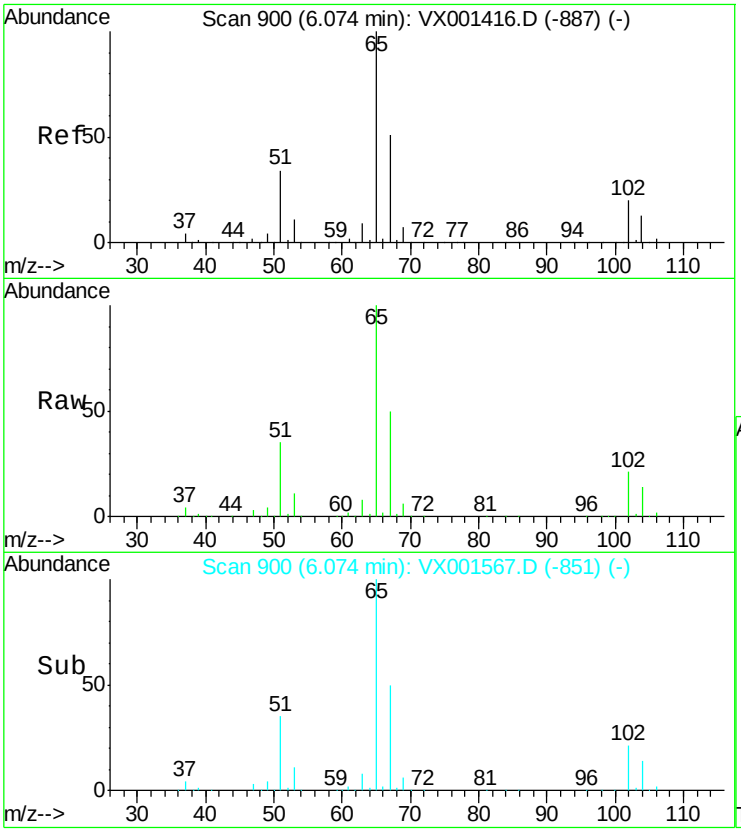


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion: 56 Resp: 4019

Ion	Ratio	Lower	Upper
56	100		
69	178.4	25.4	38.0#
84	107.7	73.8	110.8



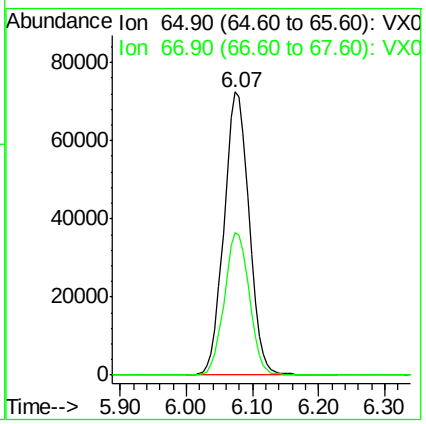


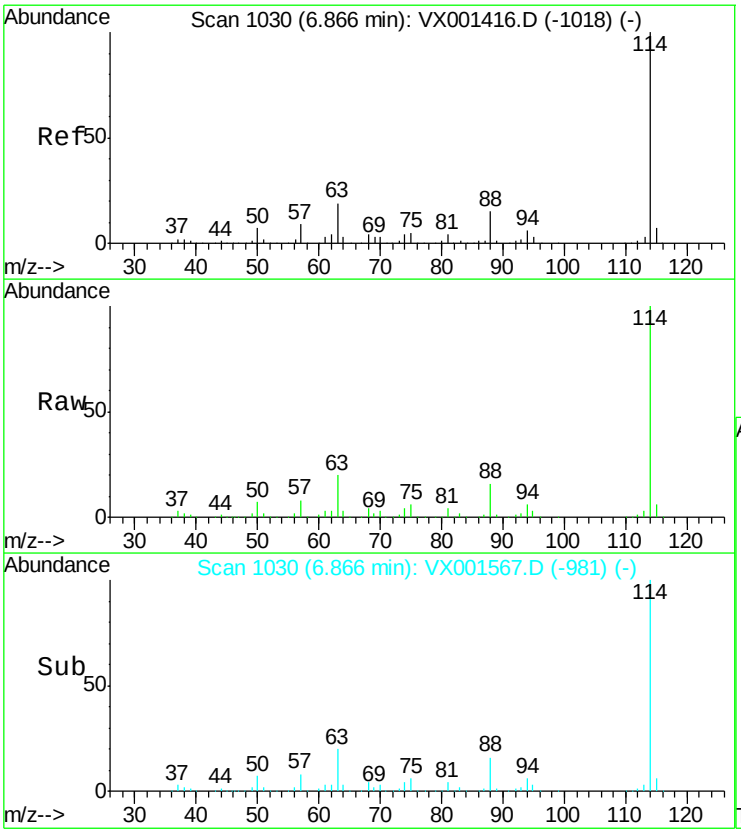
#33
1,2-Dichloroethane-d4
Concen: 58.13 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion: 65 Resp: 190716

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.8

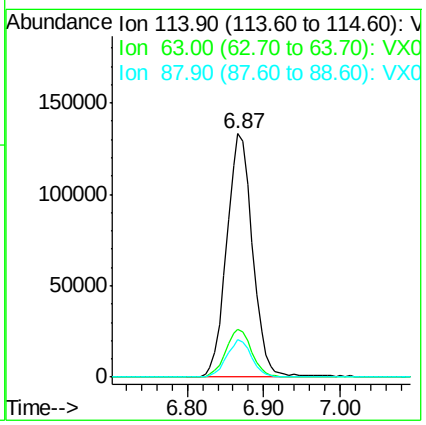


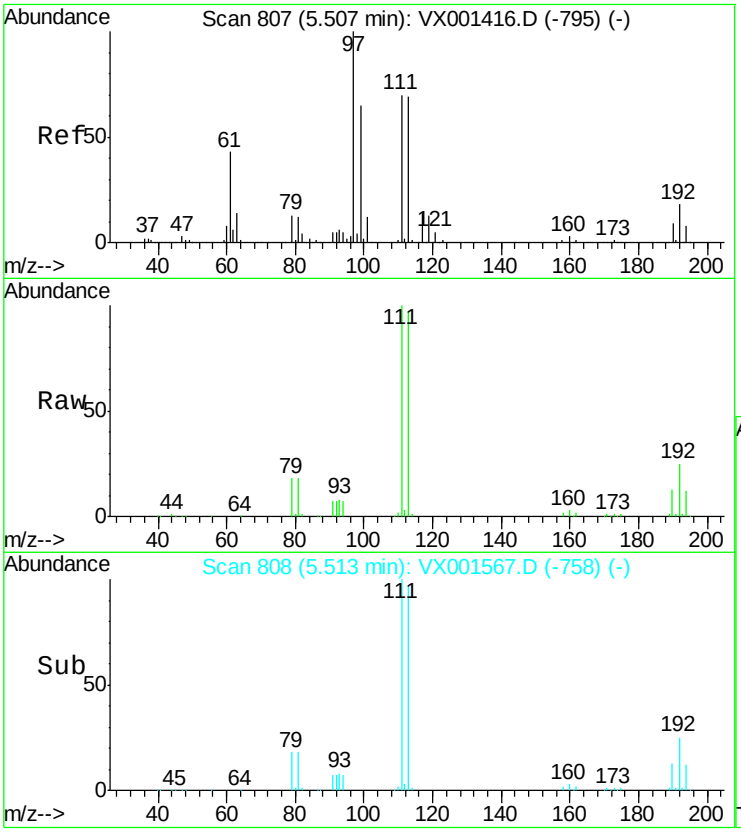


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion:114 Resp: 312427

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.6
88	15.5	0.0	30.8



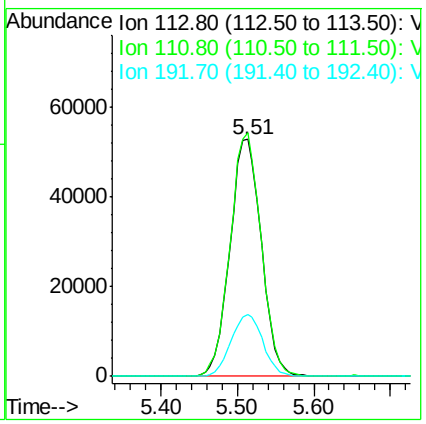


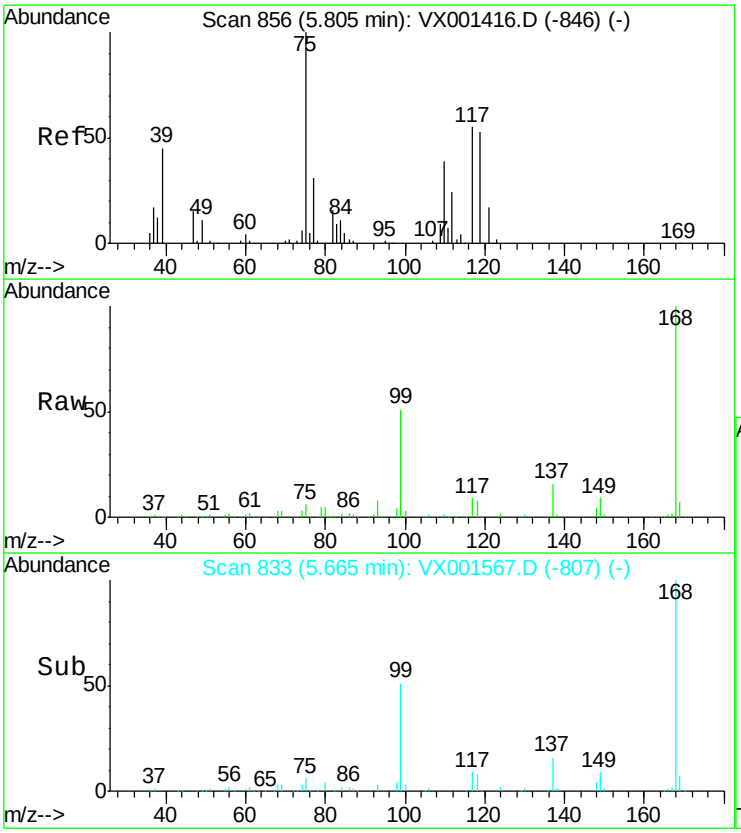
#35
Dibromofluoromethane
Concen: 54.29 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion:113 Resp: 150868

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.2
192	26.6	21.4	32.0

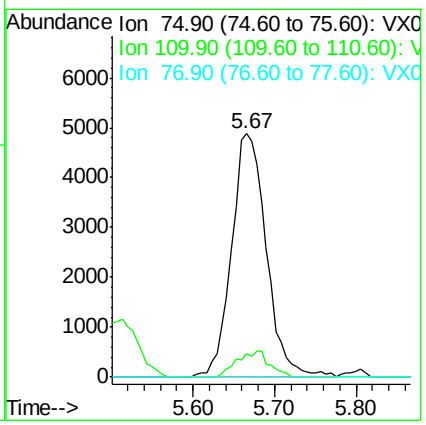


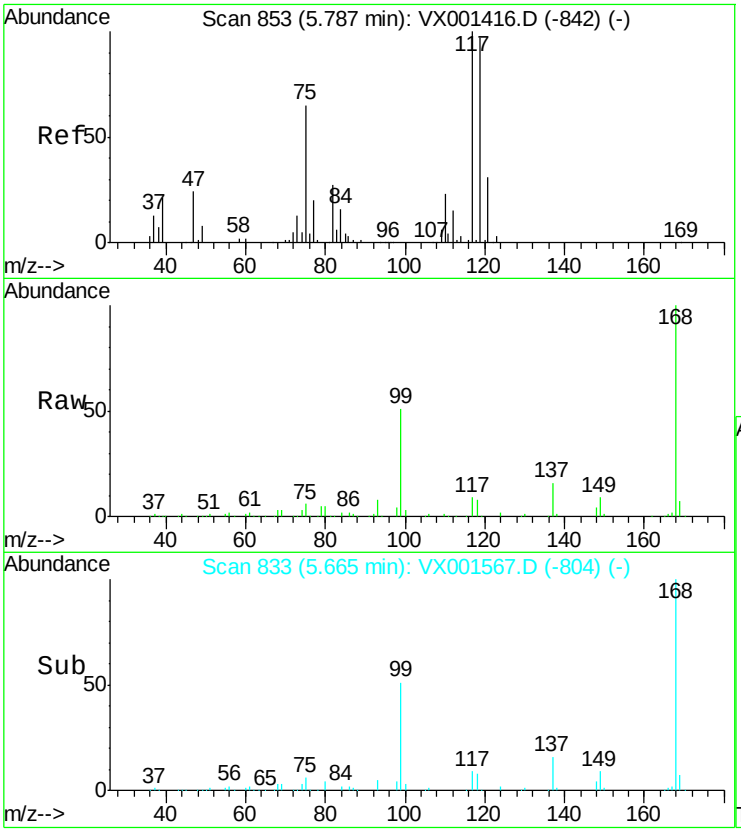


#36
1,1-Dichloropropene
Concen: 3.62 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion: 75 Resp: 14376

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.9	56.7#
77	0.0	24.9	37.3#



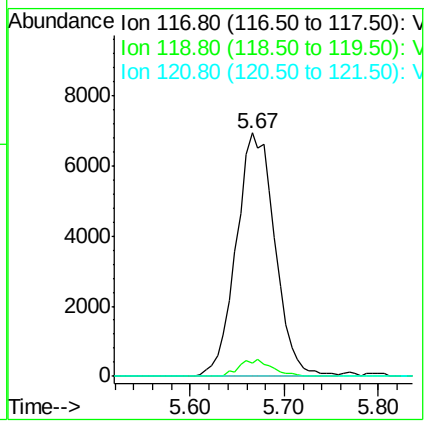


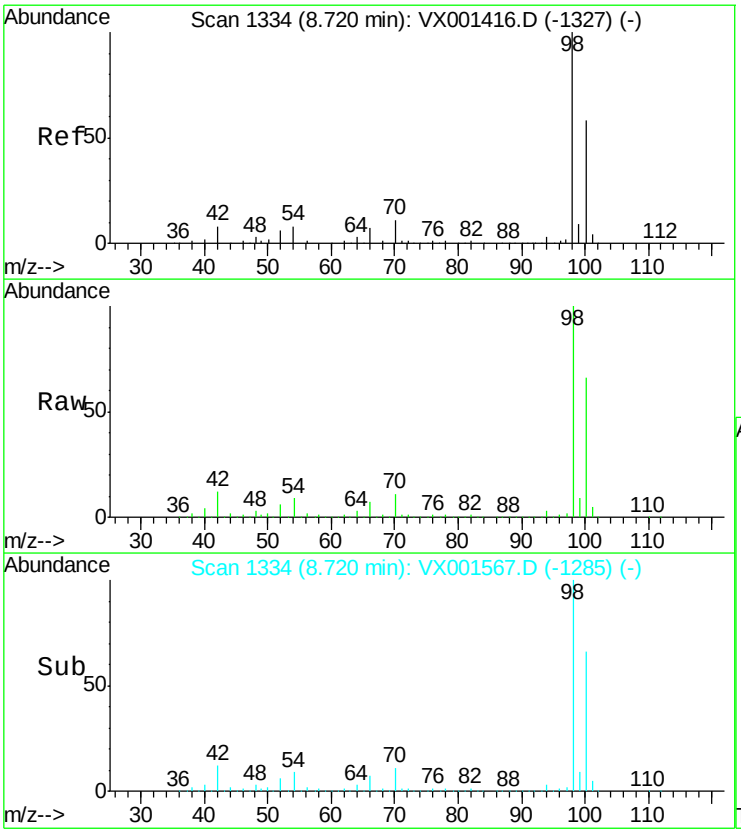
#38
Carbon Tetrachloride
Concen: 4.71 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion:117 Resp: 19964

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.0	115.6#
121	0.0	25.1	37.7#

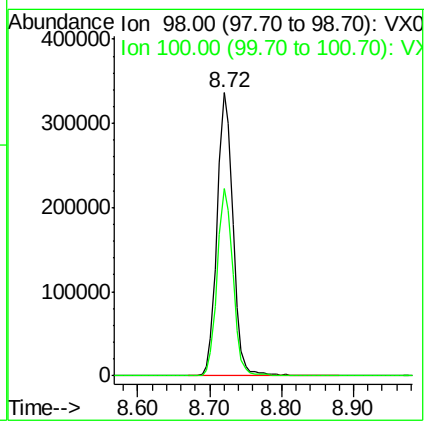


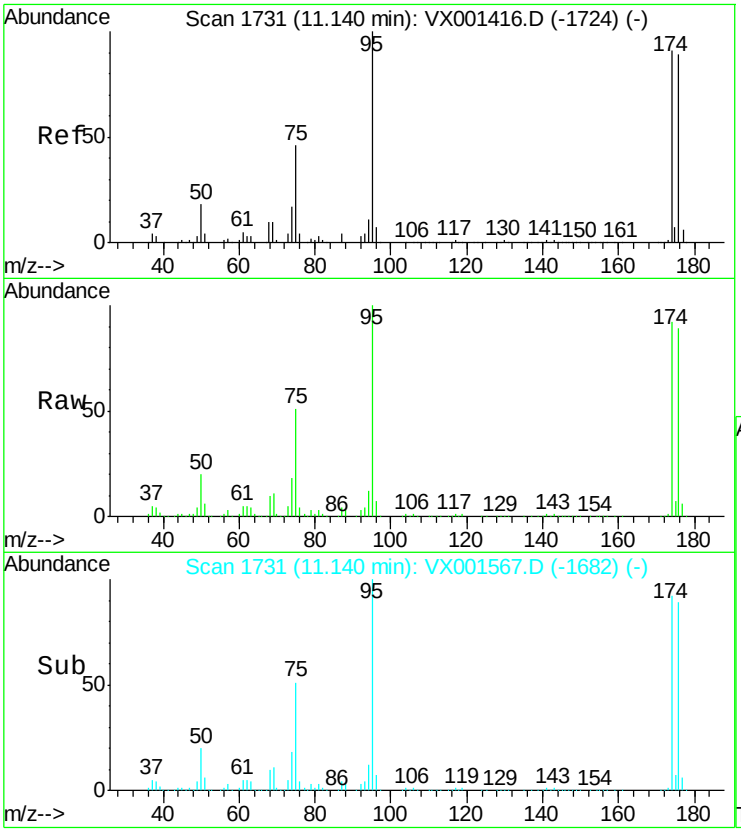


#50
Toluene-d8
Concen: 50.88 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion: 98 Resp: 516101

Ion	Ratio	Lower	Upper
98	100		
100	66.0	54.0	81.0



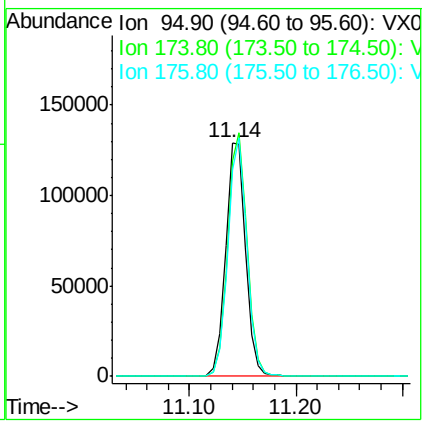


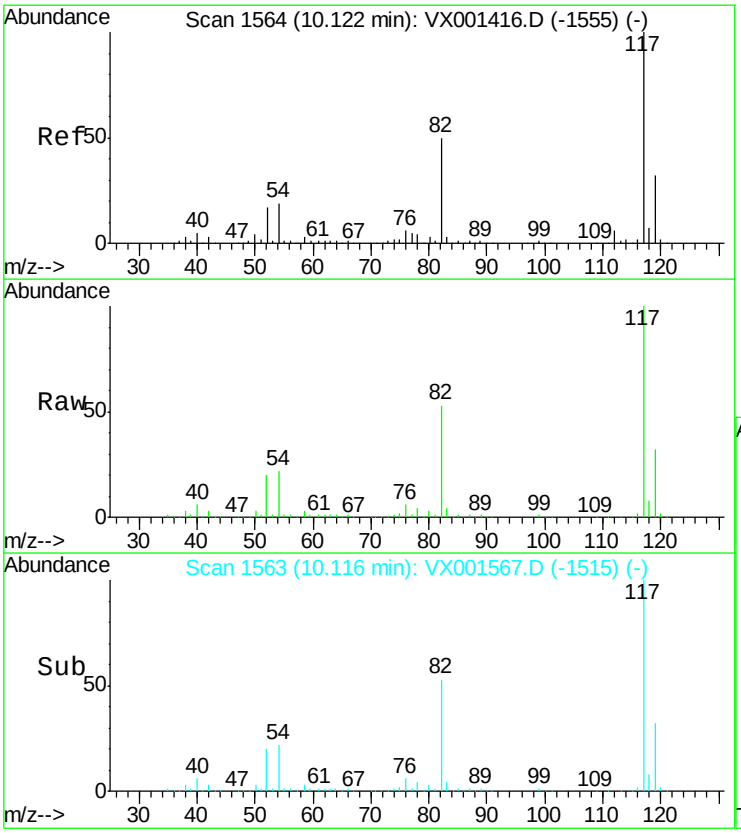
#62
4-Bromofluorobenzene
Concen: 43.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion: 95 Resp: 169795

Ion	Ratio	Lower	Upper
95	100		
174	101.2	0.0	202.0
176	97.4	0.0	197.4

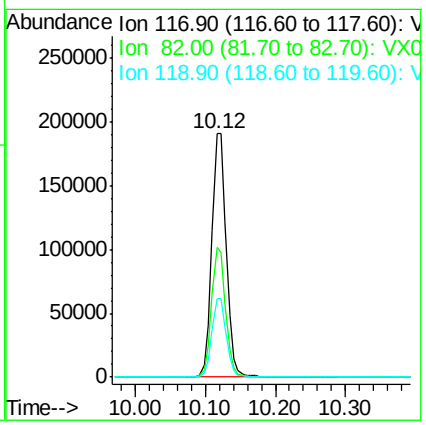


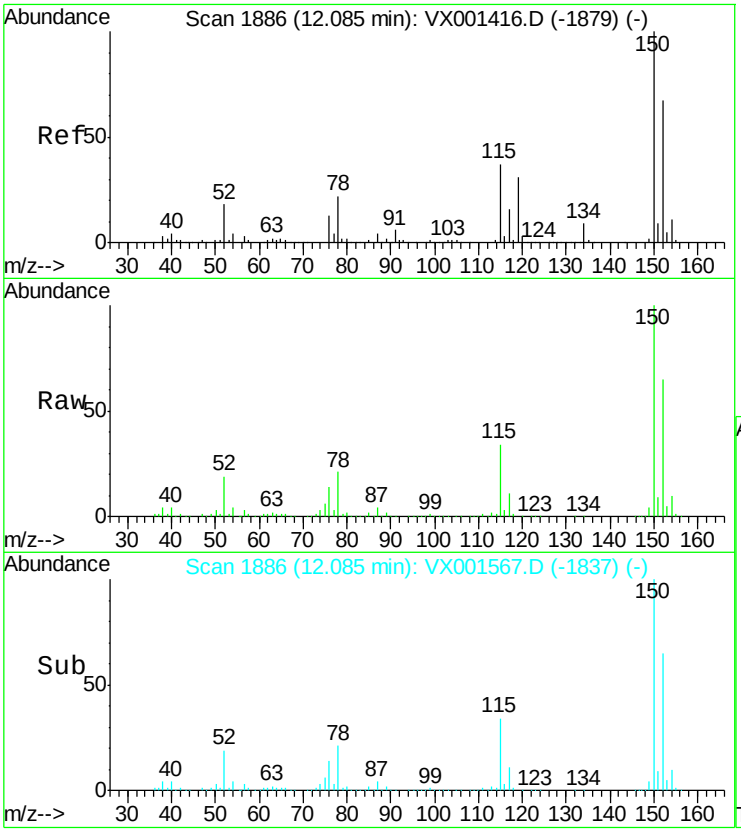


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion:117 Resp: 273885

Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.0	60.0
119	32.4	25.8	38.8



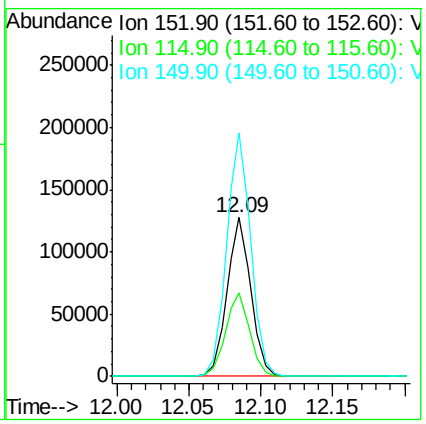


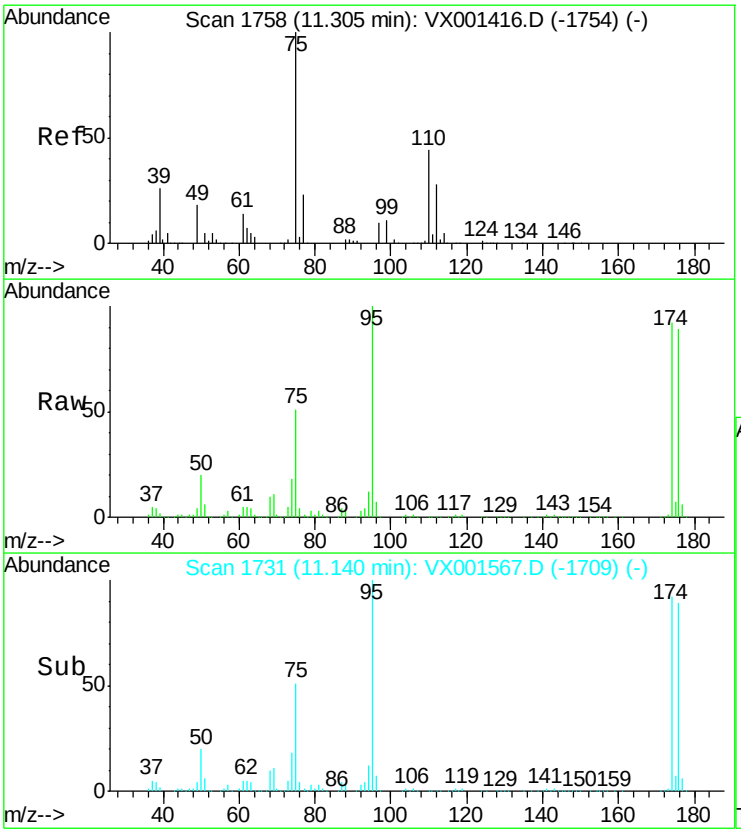
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion:152 Resp: 148534

Ion	Ratio	Lower	Upper
152	100		
115	53.2	37.7	113.1
150	155.6	0.0	349.4

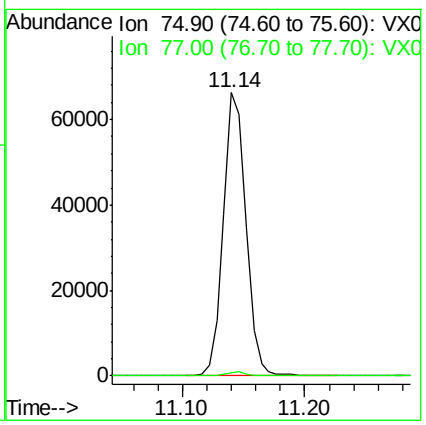


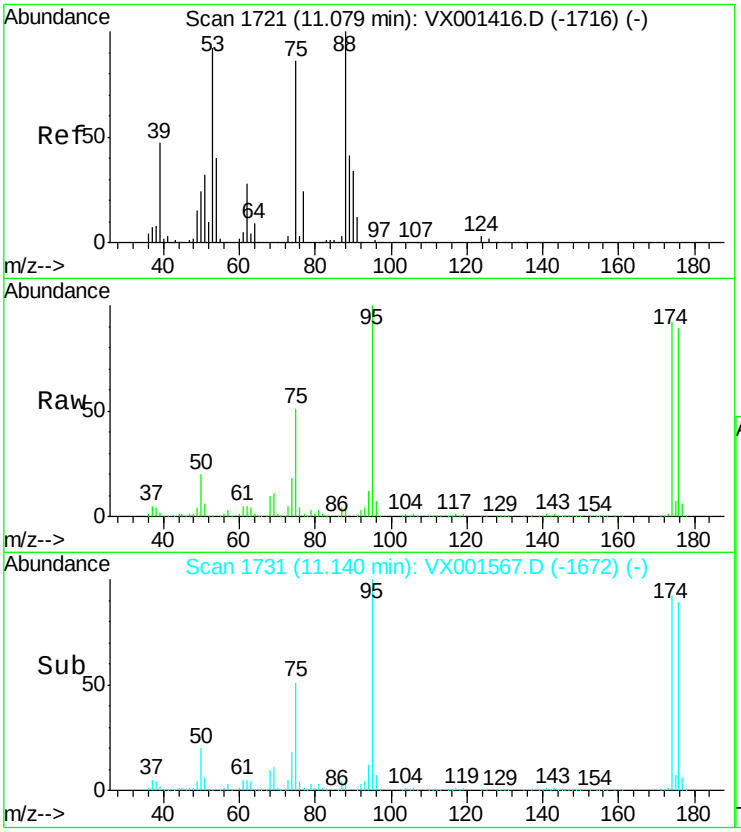


#76
1,2,3-Trichloropropane
Concen: 28.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Tgt Ion: 75 Resp: 84708

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.6	58.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001567.D
Acq: 09 May 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
RAV-GTMW-5

Tgt Ion: 75 Resp: 84708

Ion	Ratio	Lower	Upper
75	100		
53	0.1	84.5	126.7#
89	0.0	39.5	59.3#