Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061218\
Data File : VX002498.D
Acq On : 13 Jun 2018 06:11
Operator : JC/MD
Sample : J3245-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 13 07:21:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	216530	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	318456	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	298993	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170807	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	156940	50.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.48%				
35) Dibromofluoromethane	5.51	113	116683	46.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.18%				
50) Toluene-d8	8.72	98	464380	48.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.76%				
62) 4-Bromofluorobenzene	11.14	95	164016	44.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.62%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	590	Below Cal			92
5) Bromomethane	1.65	94	469	Below Cal		#	55
8) Diethyl Ether	2.17	74	84	Below Cal			82
11) Tert butyl alcohol	3.07	59	262	Below Cal		#	1
13) Acrolein	2.29	56	422	Below Cal		#	30
14) Allyl chloride	2.86	41	44776	8.95	ug/l	#	24
15) Acrylonitrile	3.14	53	196	Below Cal		#	78
16) Acetone	2.45	43	21104	Below Cal			93
18) Methyl Acetate	2.78	43	18708	3.52	ug/l		97
19) Methyl tert-butyl Ether	3.19	73	61	Below Cal		#	1
20) Methylene Chloride	2.86	84	1146361	492.70	ug/l		99
22) Diisopropyl ether	3.85	45	170	Below Cal		#	35
25) 2-Butanone	4.71	43	4354	2.05	ug/l	#	84
28) Bromochloromethane	5.02	49	103	Below Cal		#	13
29) Tetrahydrofuran	5.17	42	1553	1.13	ug/l	#	78
30) Chloroform	5.23	83	3838	0.80	ug/l	#	81
31) Cyclohexane	5.67	56	4986	1.28	ug/l	#	15
36) 1,1-Dichloropropene	5.67	75	15901	4.75	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	20151	5.75	ug/l	#	16
39) Methylcyclohexane	7.47	83	164	0.30	ug/l	#	68
47) Bromodichloromethane	7.90	83	1132	0.33	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.65	43	2101	0.49	ug/l		91
65) Chlorobenzene	10.14	112	2226	0.30	ug/l	#	83
68) m/p-Xylenes	10.36	106	991	0.20	ug/l		97
76) 1,2,3-Trichloropropane	11.14	75	89118	23.78	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	89118	83.35	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	4692	0.45	ug/l		91
95) Naphthalene	13.84	128	96937	7.80	ug/l		99

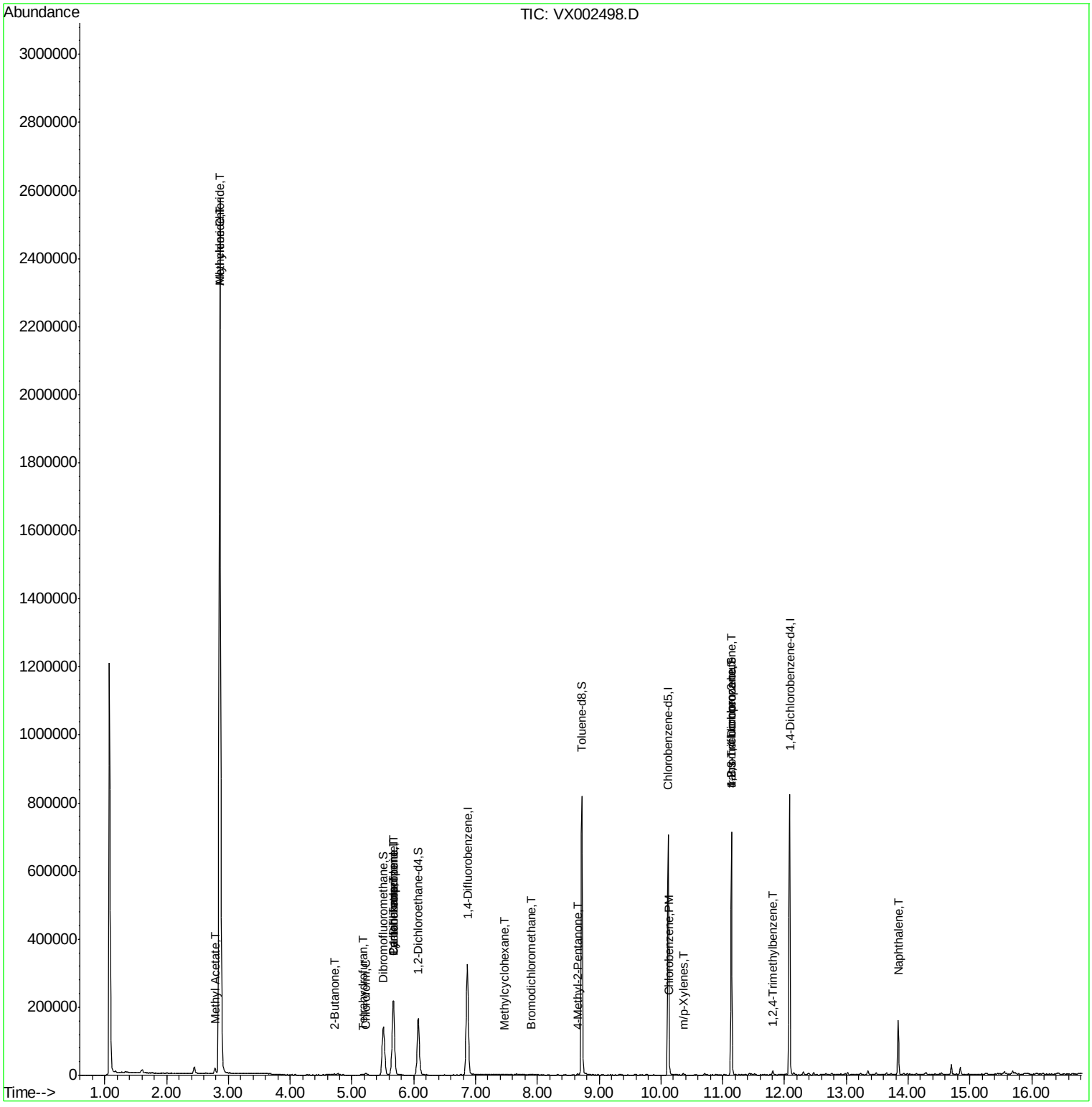
(#) = qualifier out of range (m) = manual integration (+) = signals summed

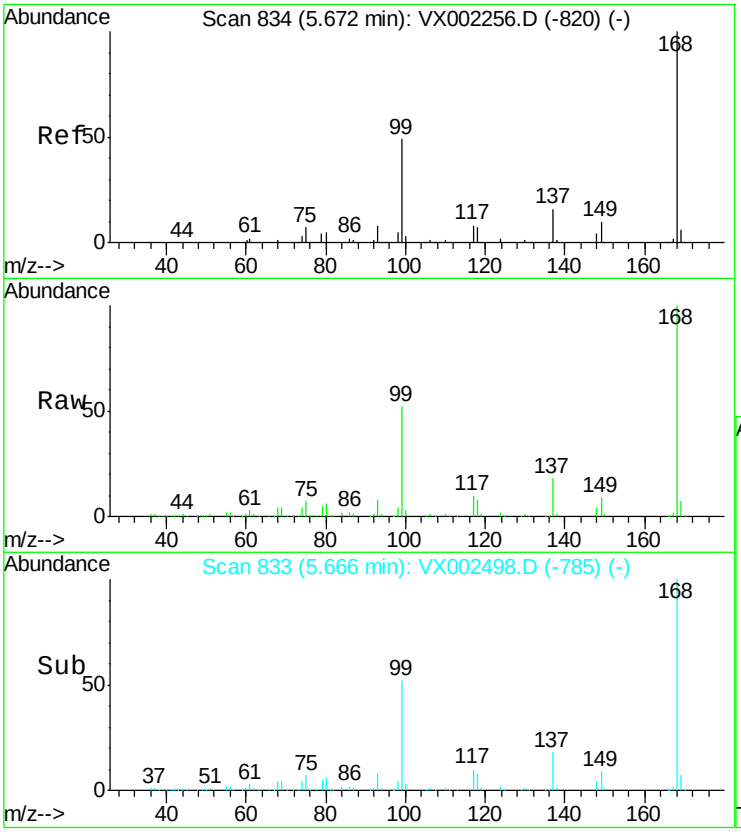
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
Data File : VX002498.D
Acq On : 13 Jun 2018 06:11
Operator : JC/MD
Sample : J3245-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 13 07:21:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



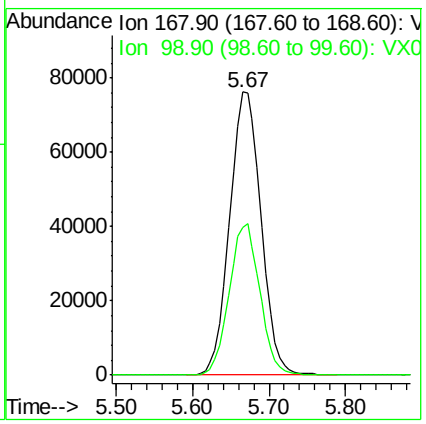


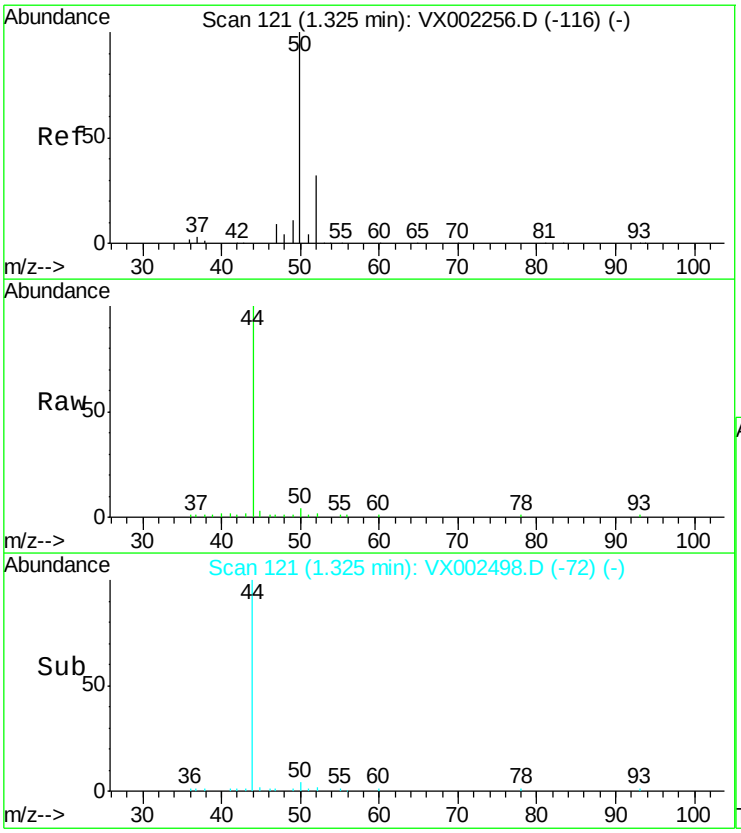
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 216530

Ion	Ratio	Lower	Upper
168	100		
99	52.1	39.3	58.9

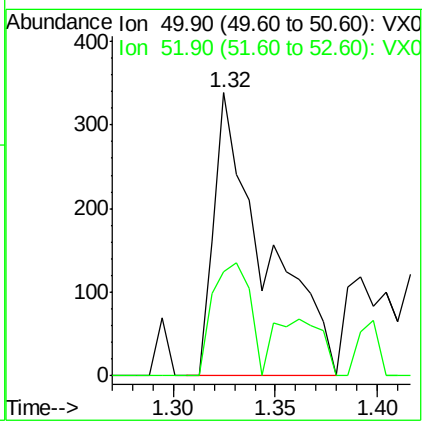


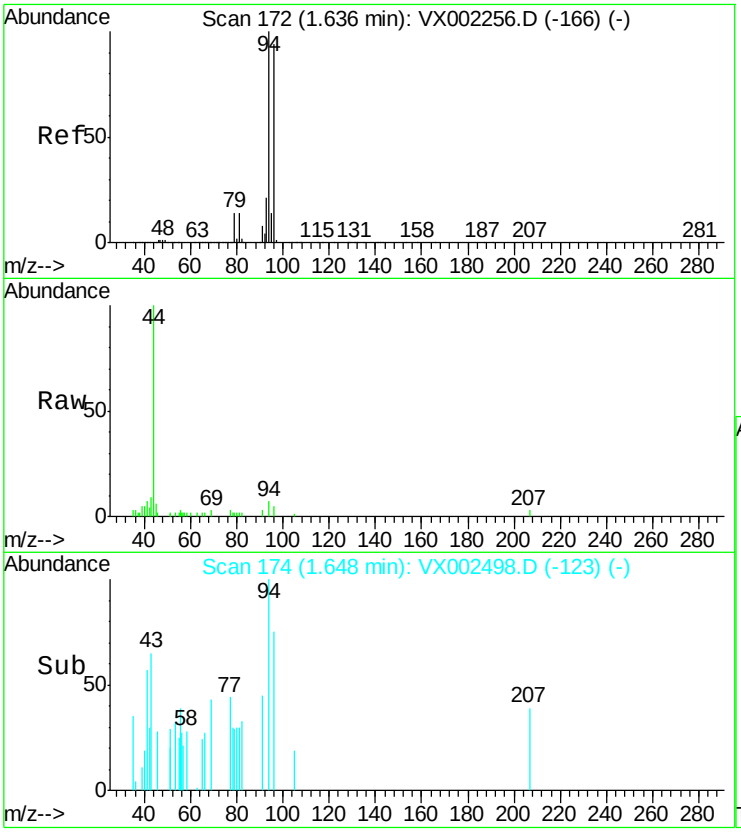


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 50 Resp: 590

Ion	Ratio	Lower	Upper
50	100		
52	36.7	25.7	38.5



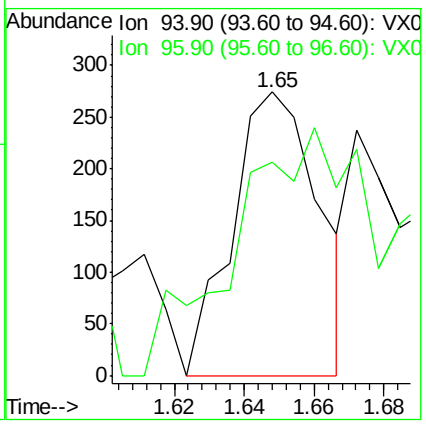


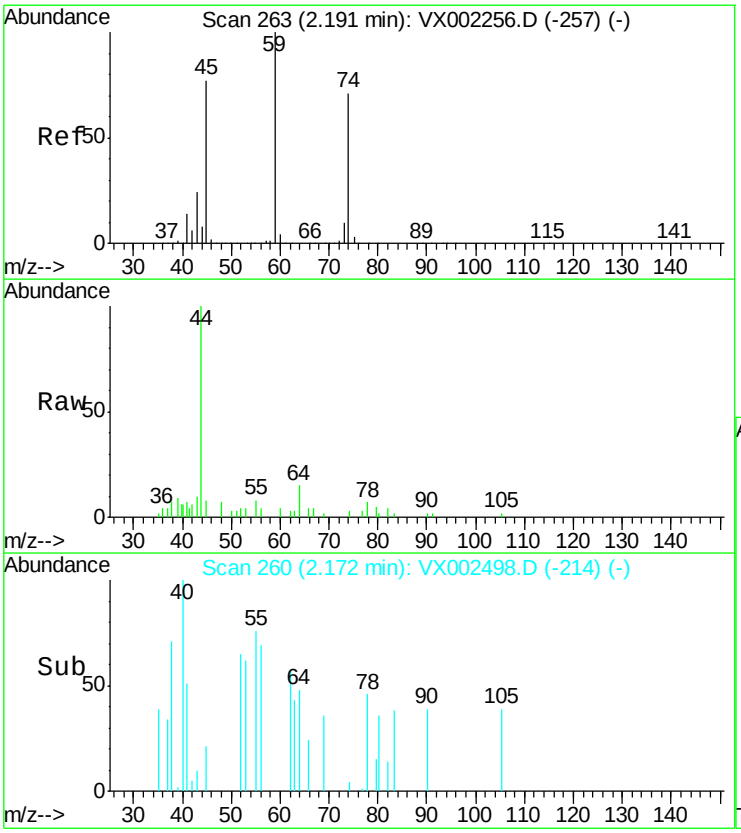
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 469

Ion	Ratio	Lower	Upper
94	100		
96	50.4	74.9	112.3#

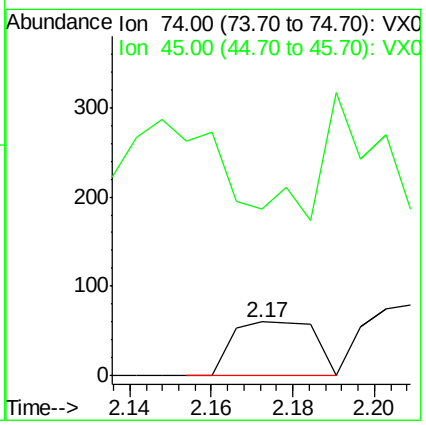


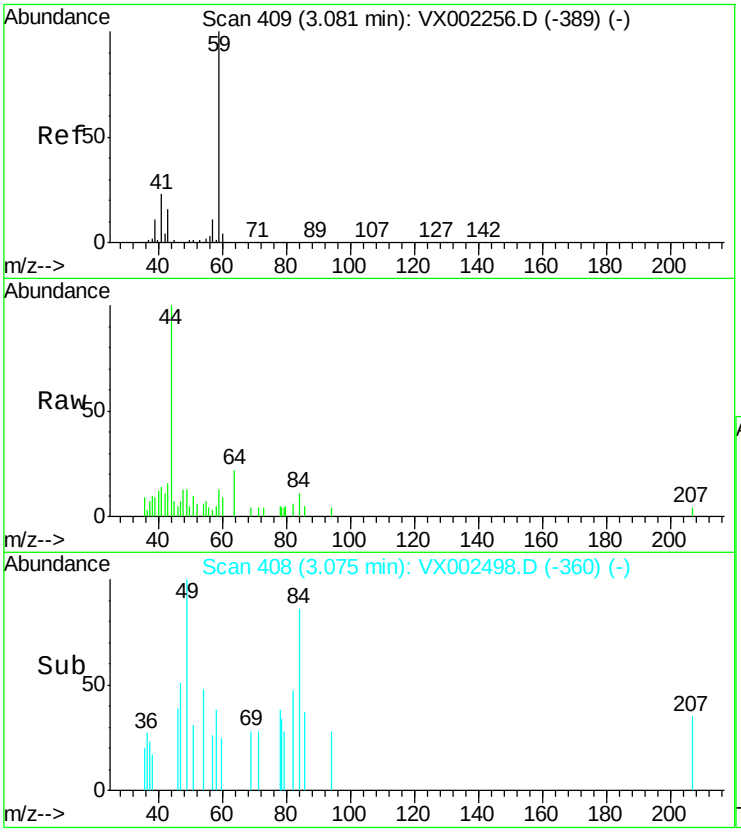


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 260
Delta R.T. -0.02 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 74 Resp: 84

Ion	Ratio	Lower	Upper
74	100		
45	125.0	53.1	159.4



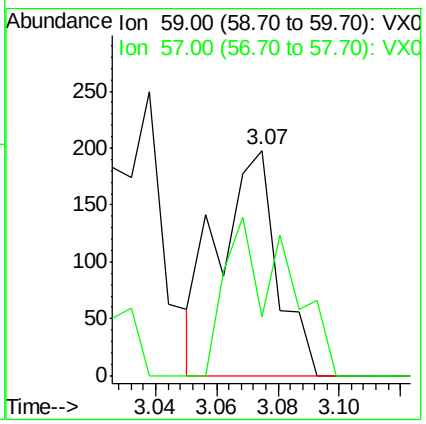


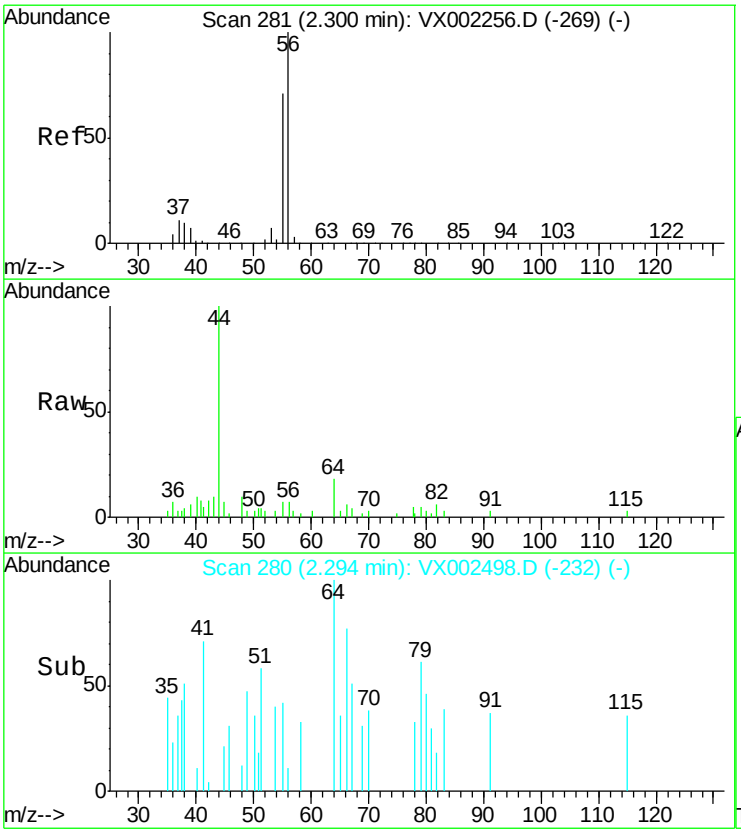
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 262

Ion	Ratio	Lower	Upper
59	100		
57	74.0	8.2	12.2#

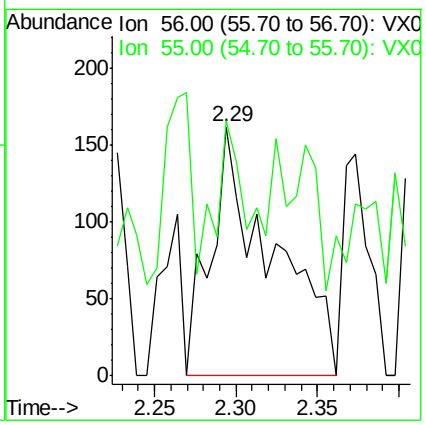


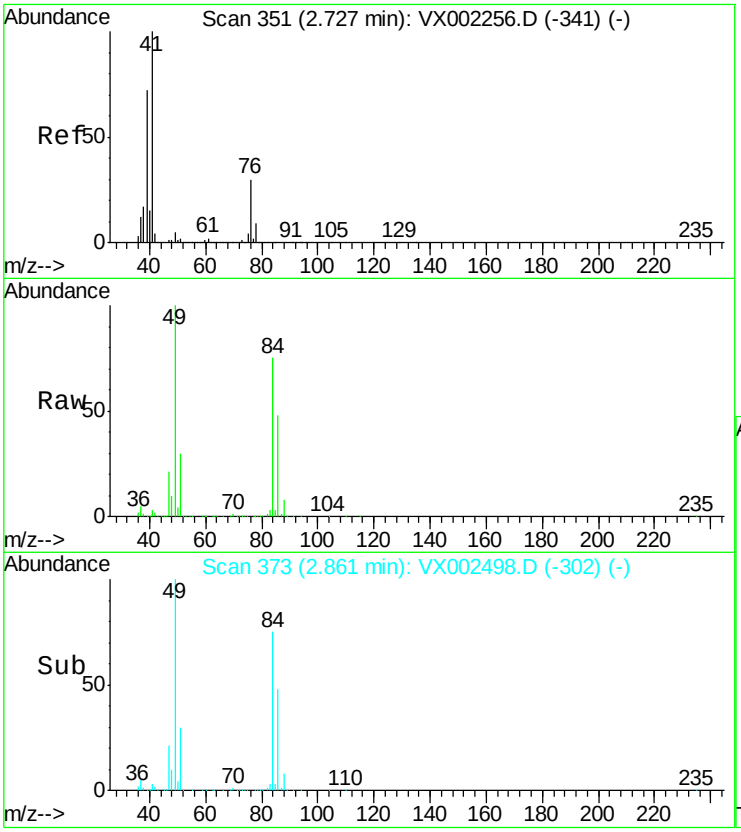


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 56 Resp: 422

Ion	Ratio	Lower	Upper
56	100		
55	13.0	57.0	85.4#



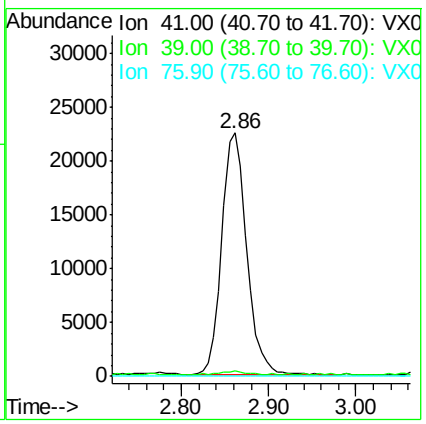


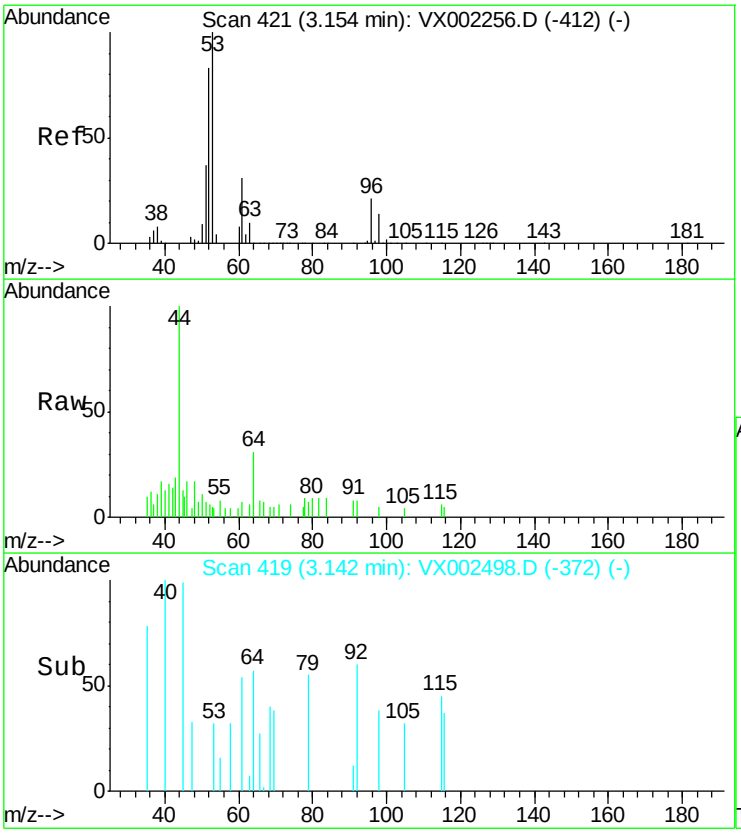
#14
Allyl chloride
Concen: 8.95 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.13 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 44776

Ion	Ratio	Lower	Upper
41	100		
39	1.4	56.8	85.2#
76	0.0	23.8	35.8#

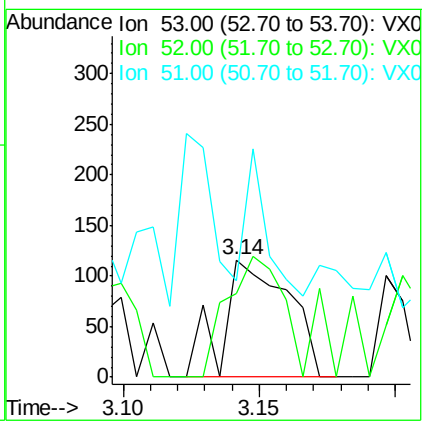


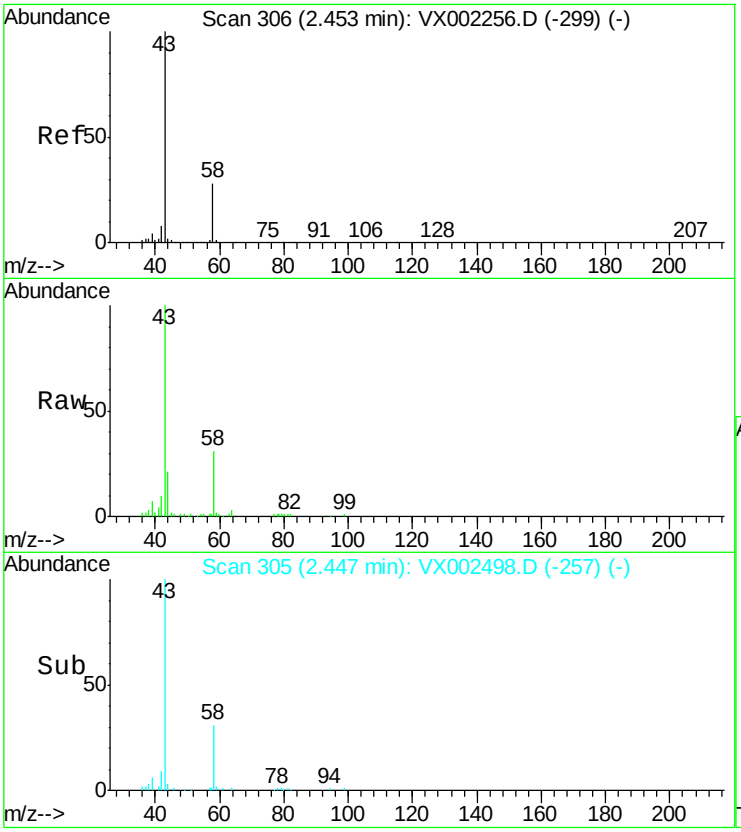


#15
Acrylonitrile
Concen: Below Cal
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 53 Resp: 196

Ion	Ratio	Lower	Upper
53	100		
52	86.2	66.7	100.1
51	0.0	29.9	44.9#



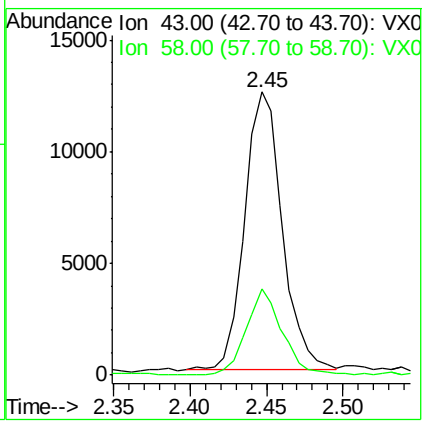


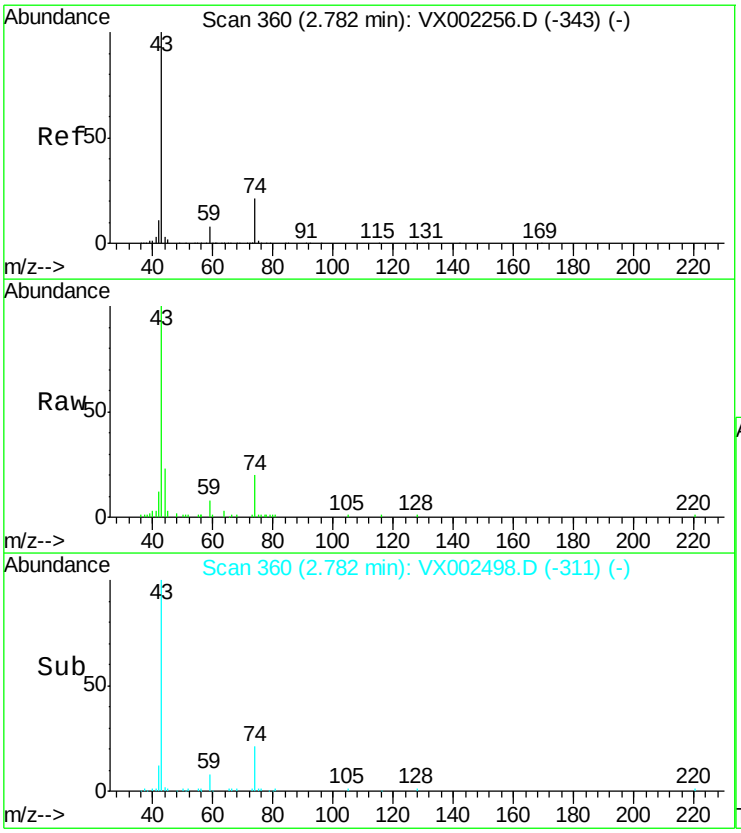
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21104

Ion	Ratio	Lower	Upper
43	100		
58	31.2	22.1	33.1

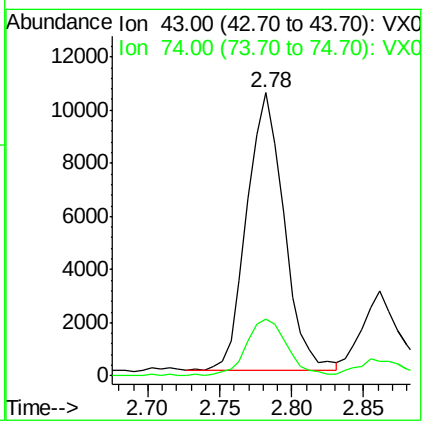


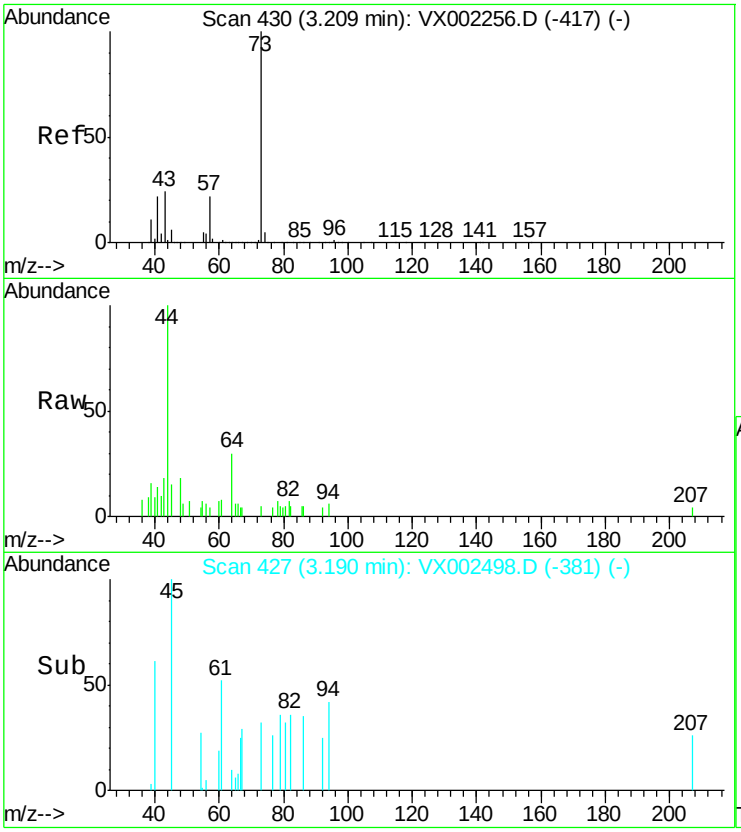


#18
Methyl Acetate
Concen: 3.52 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 43 Resp: 18708

Ion	Ratio	Lower	Upper
43	100		
74	22.3	16.7	25.1



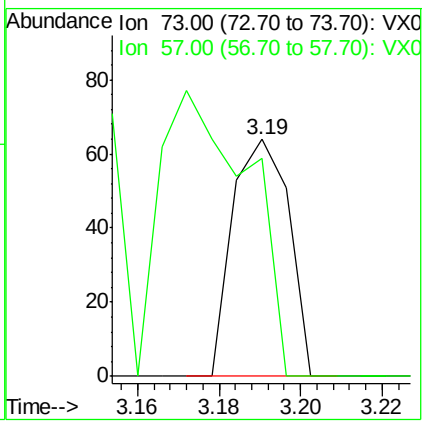


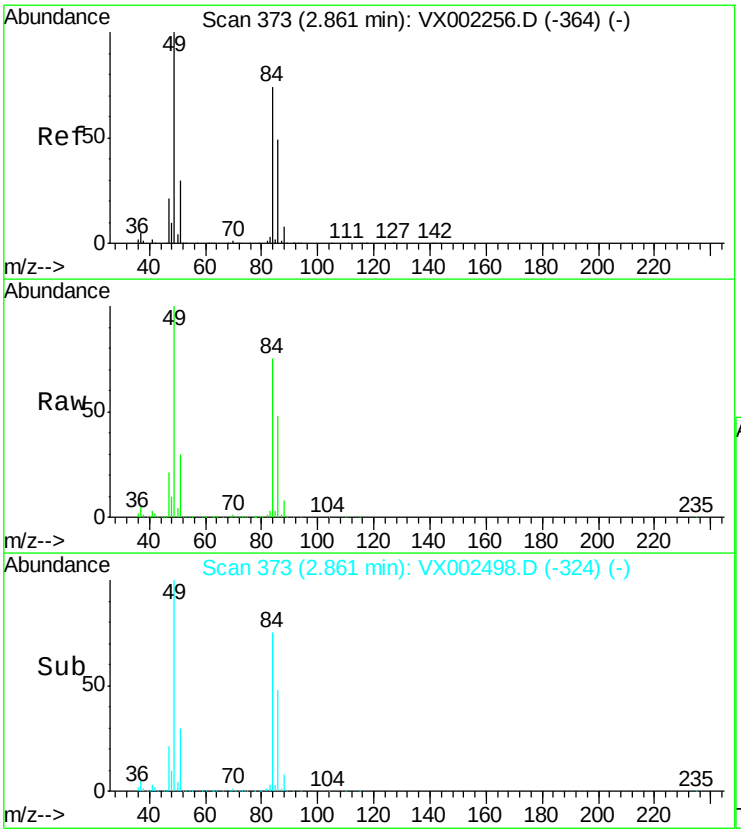
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.19 min Scan# 427
Delta R.T. -0.02 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 61

Ion	Ratio	Lower	Upper
73	100		
57	92.2	17.7	26.5#

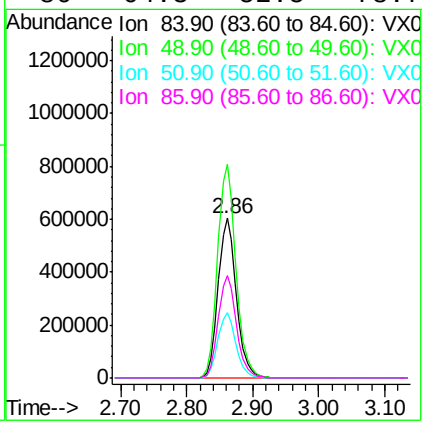


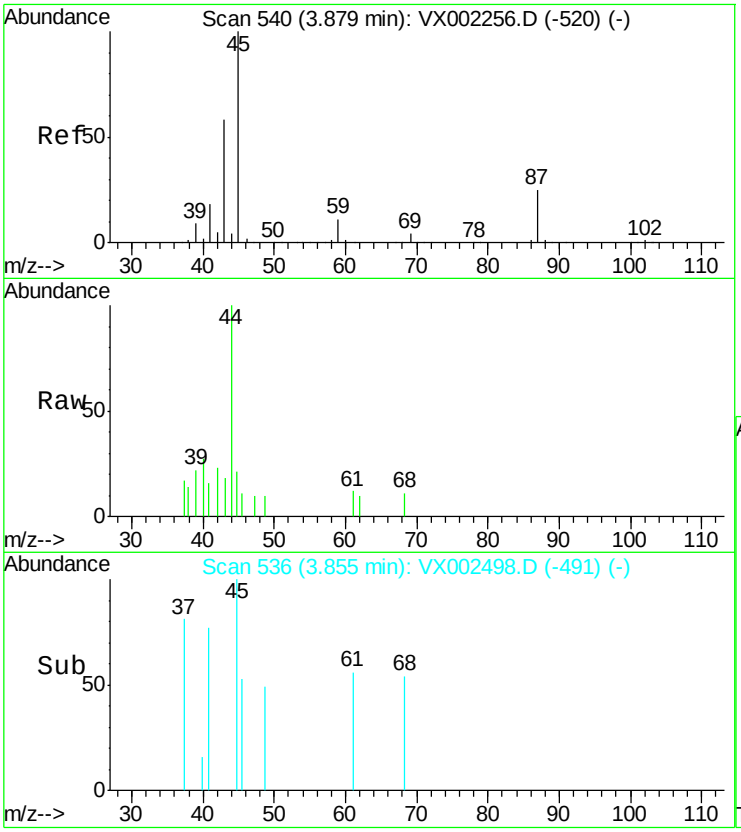


#20
Methylene Chloride
Concen: 492.70 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 84 Resp: 1146361

Ion	Ratio	Lower	Upper
84	100		
49	133.7	107.8	161.6
51	40.7	32.8	49.2
86	64.3	52.5	78.7



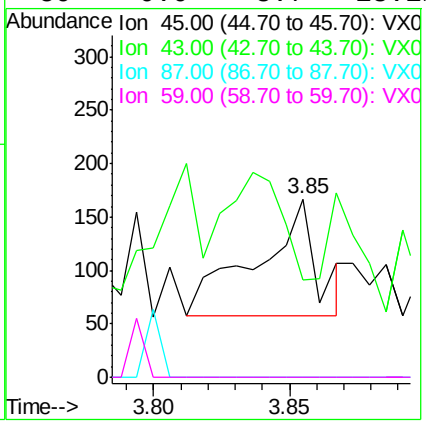


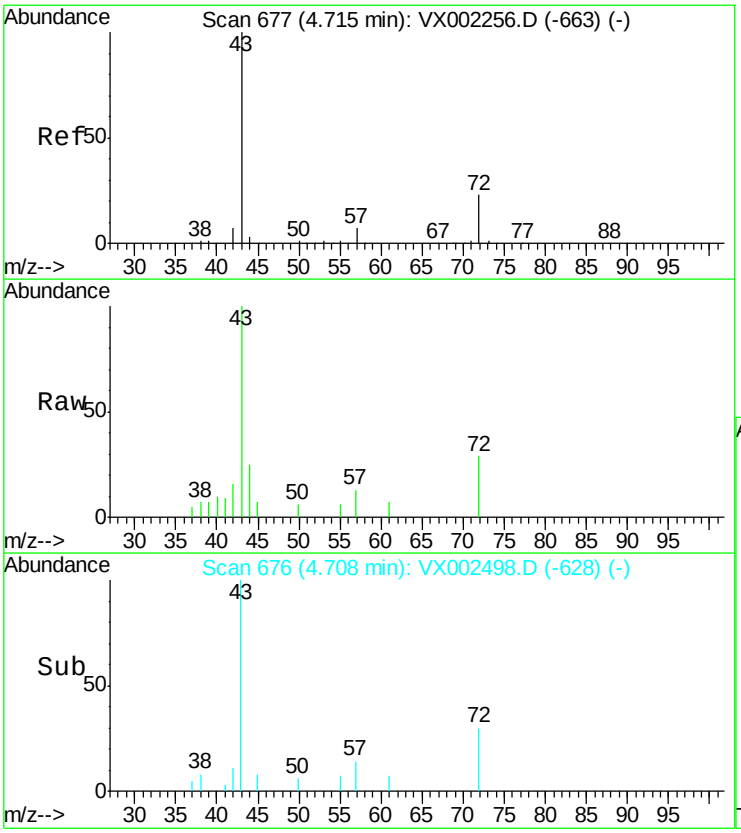
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.85 min Scan# 536
Delta R.T. -0.02 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 170

Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

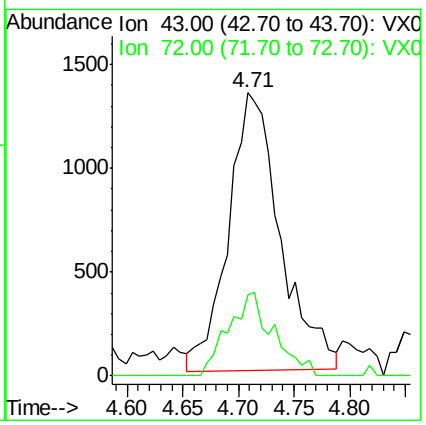


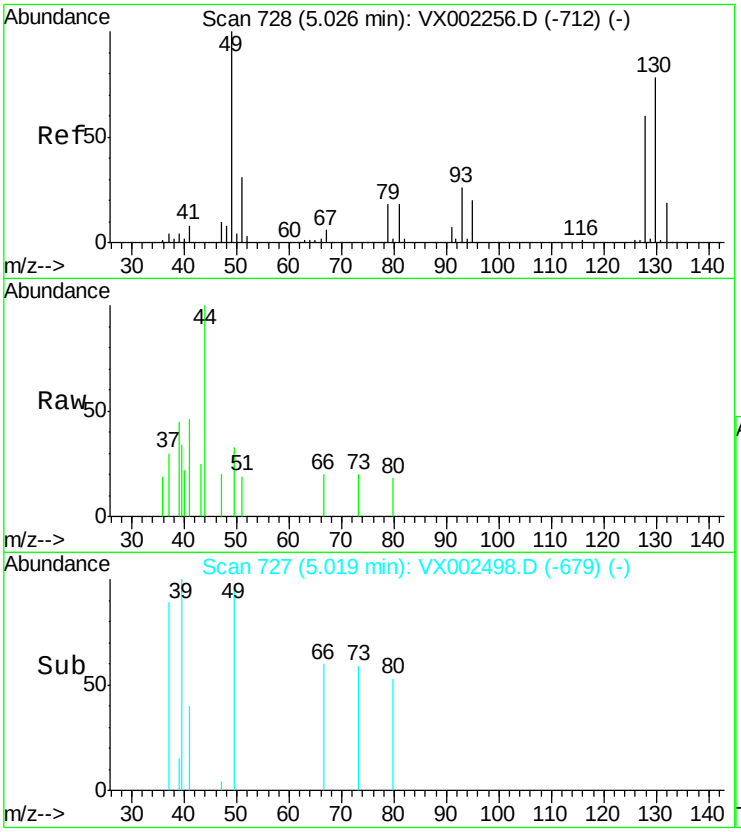


#25
2-Butanone
Concen: 2.05 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 43 Resp: 4354

Ion	Ratio	Lower	Upper
43	100		
72	31.0	18.5	27.7#



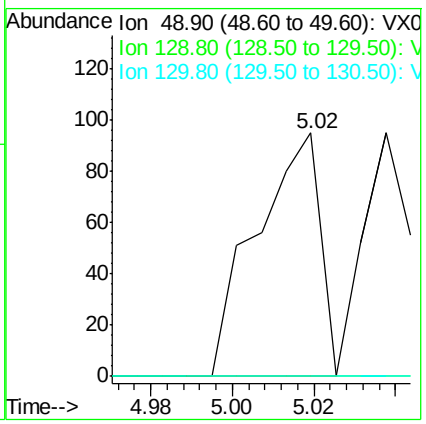


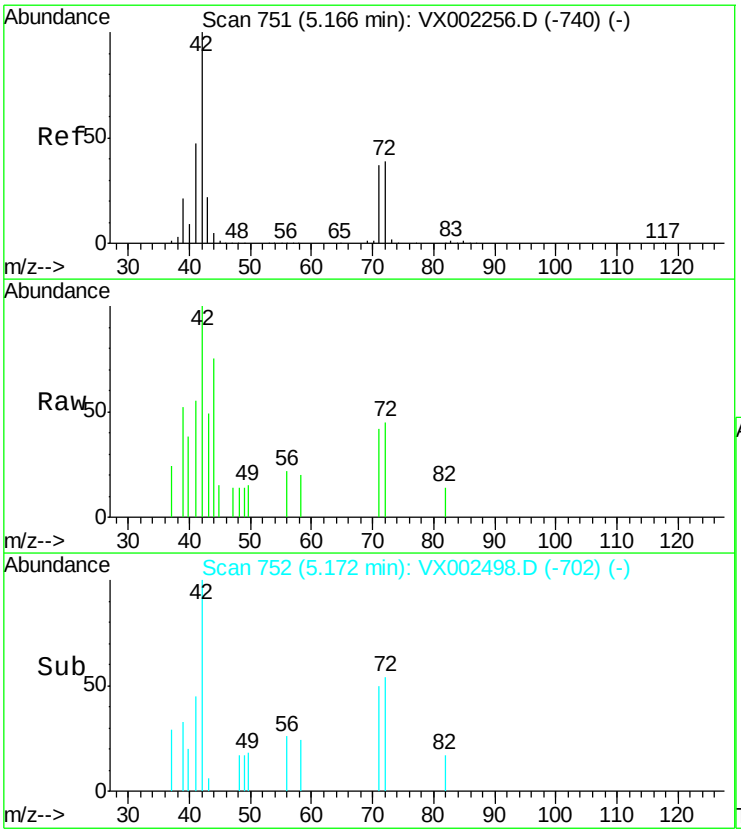
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 103

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#

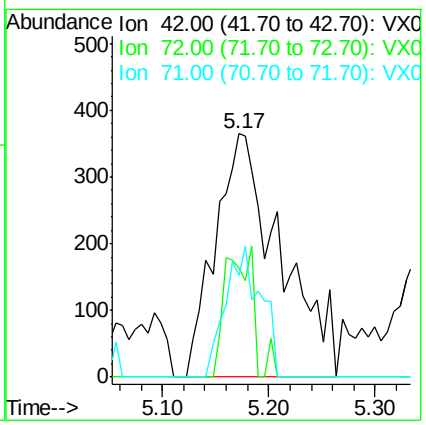


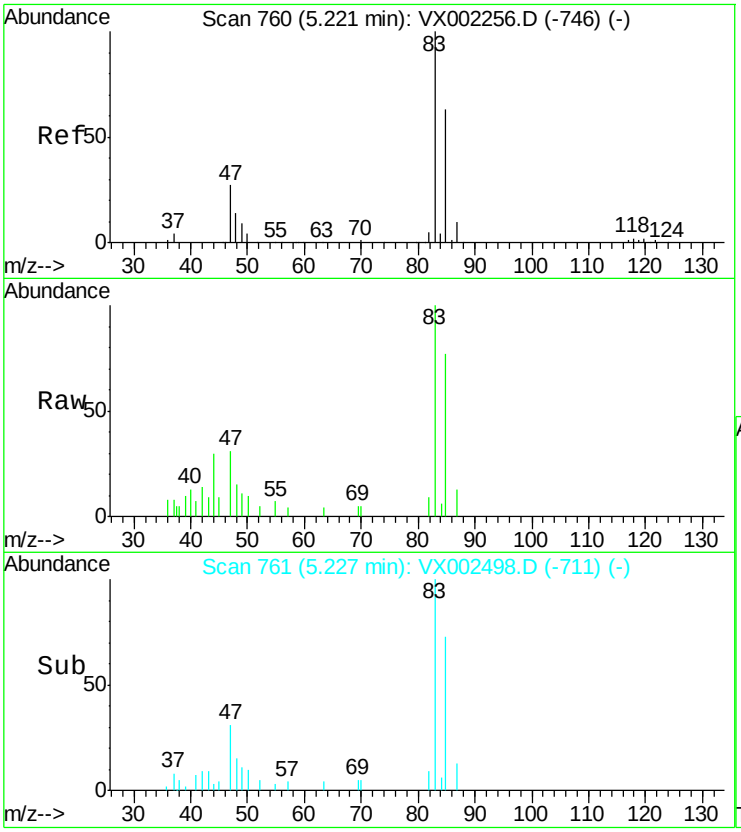


#29
Tetrahydrofuran
Concen: 1.13 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 42 Resp: 1553

Ion	Ratio	Lower	Upper
42	100		
72	21.8	32.0	48.0#
71	29.1	30.1	45.1#



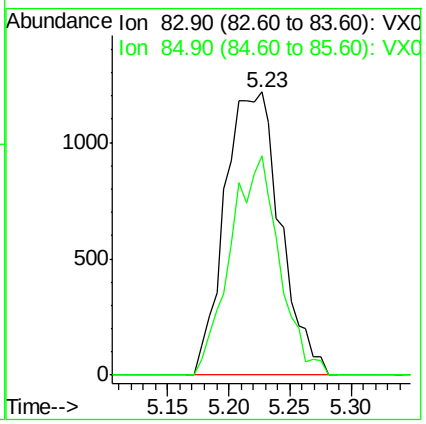


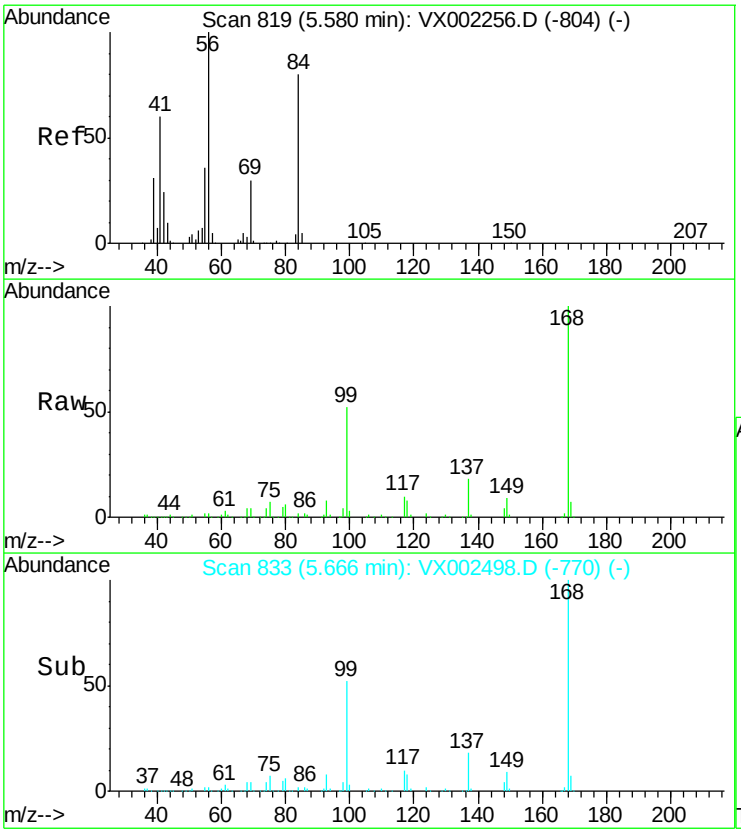
#30
Chloroform
Concen: 0.80 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 3838

Ion	Ratio	Lower	Upper
83	100		
85	77.5	50.4	75.6#

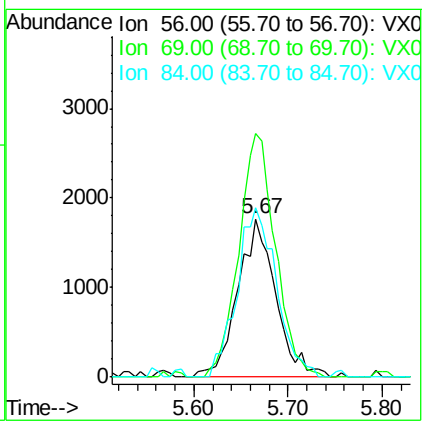


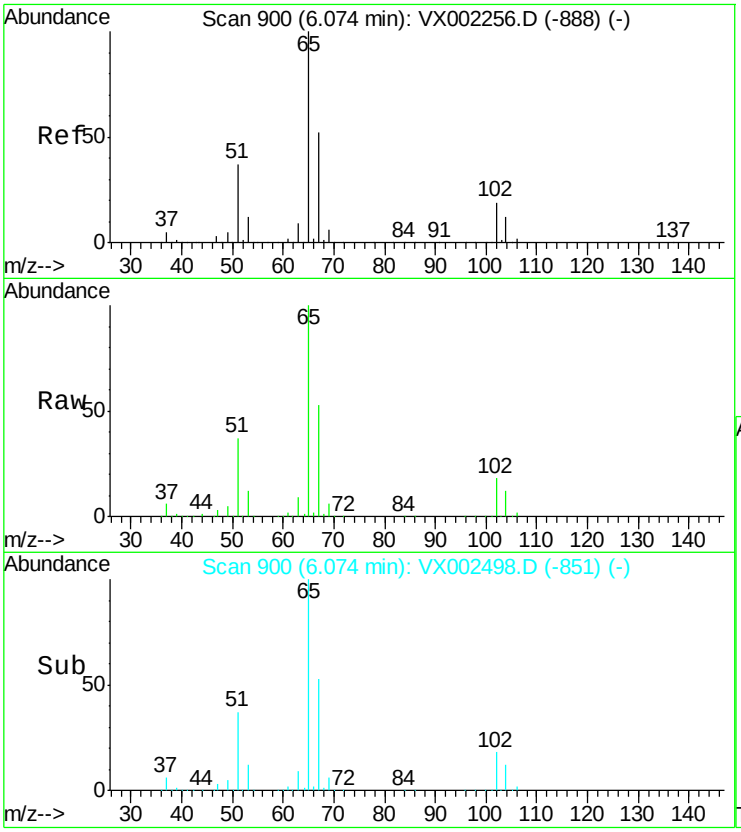


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 56 Resp: 4986

Ion	Ratio	Lower	Upper
56	100		
69	153.8	23.7	35.5#
84	107.2	64.1	96.1#



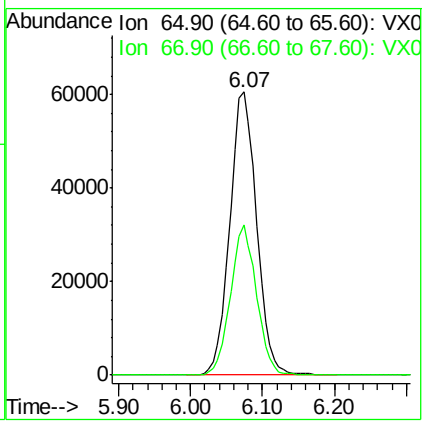


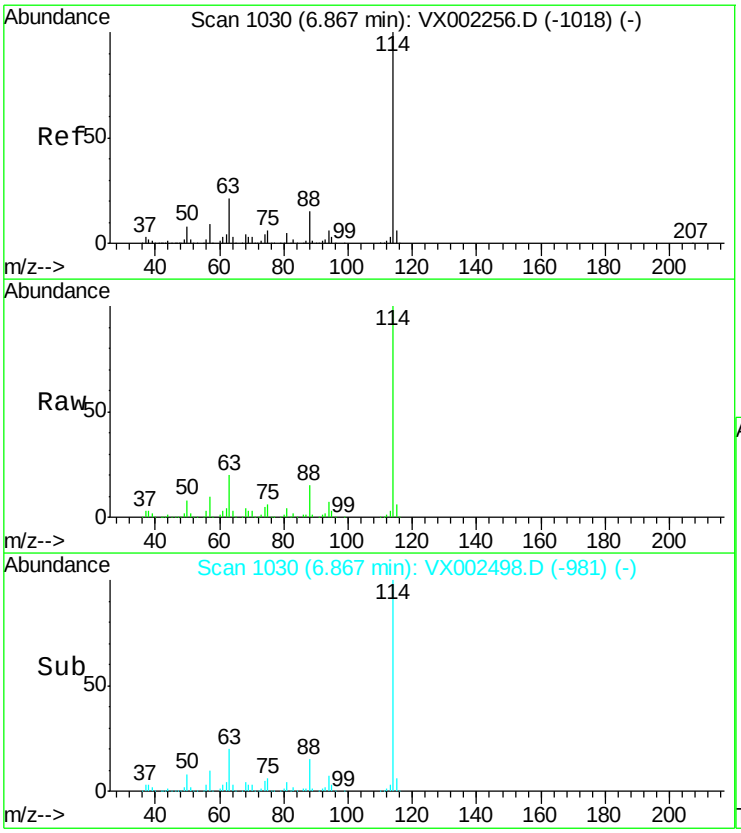
#33
1,2-Dichloroethane-d4
Concen: 50.74 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 156940

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

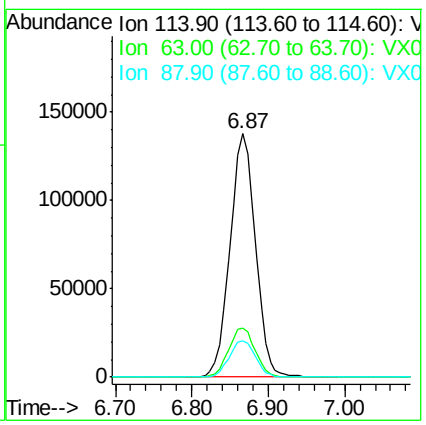


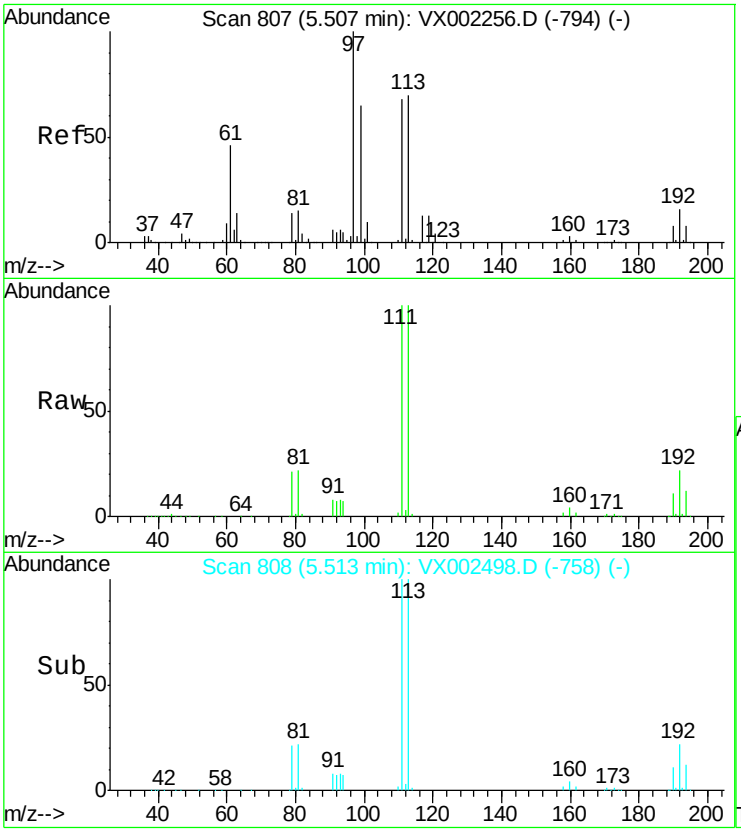


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion:114 Resp: 318456

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	14.8	0.0	30.0



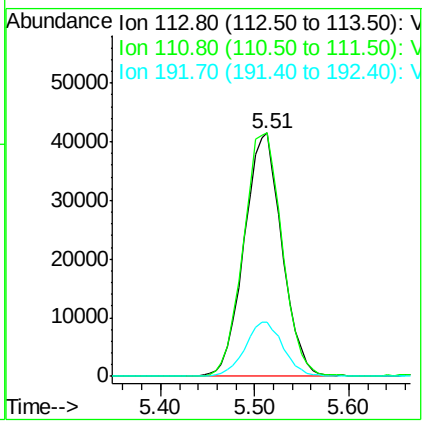


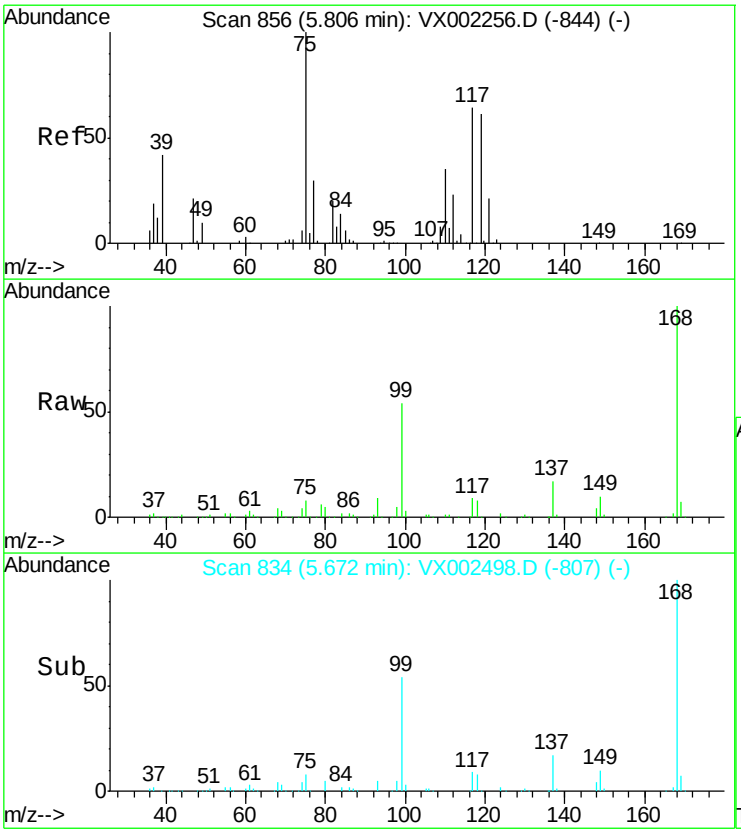
#35
Dibromofluoromethane
Concen: 46.59 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 116683

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	22.5	19.1	28.7

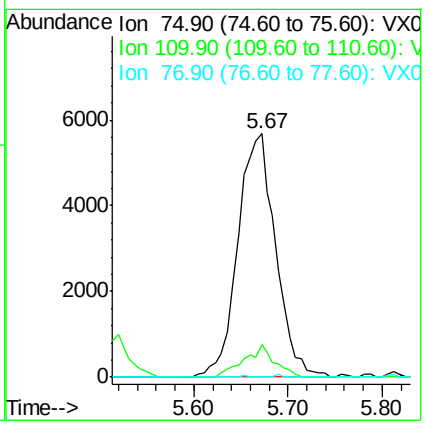


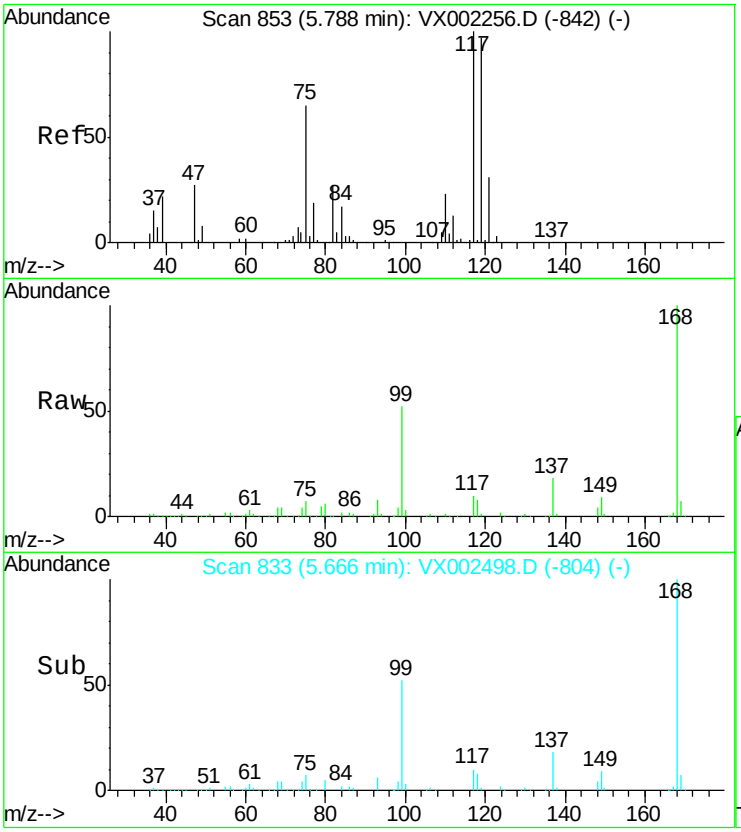


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 75 Resp: 15901

Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.4#
77	0.1	24.3	36.5#



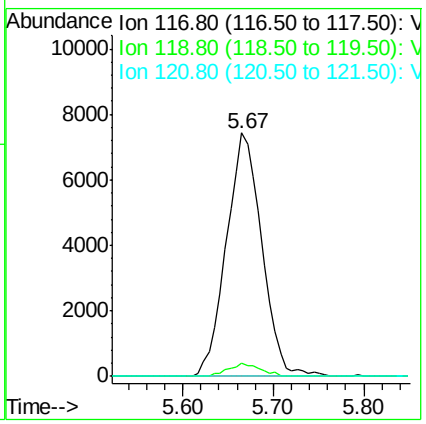


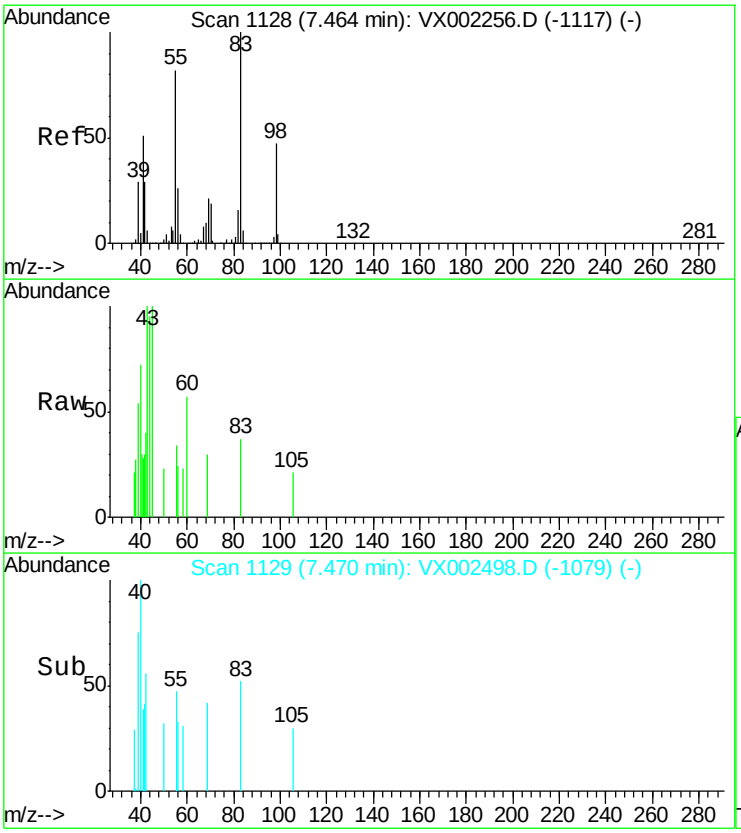
#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 20151

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#

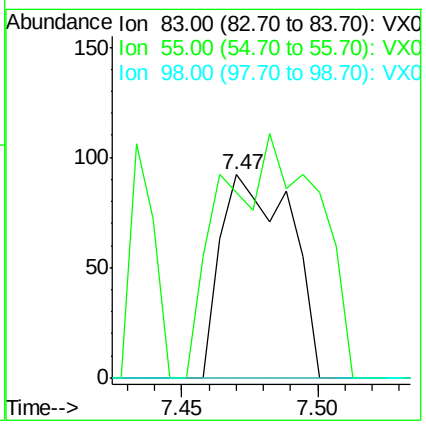


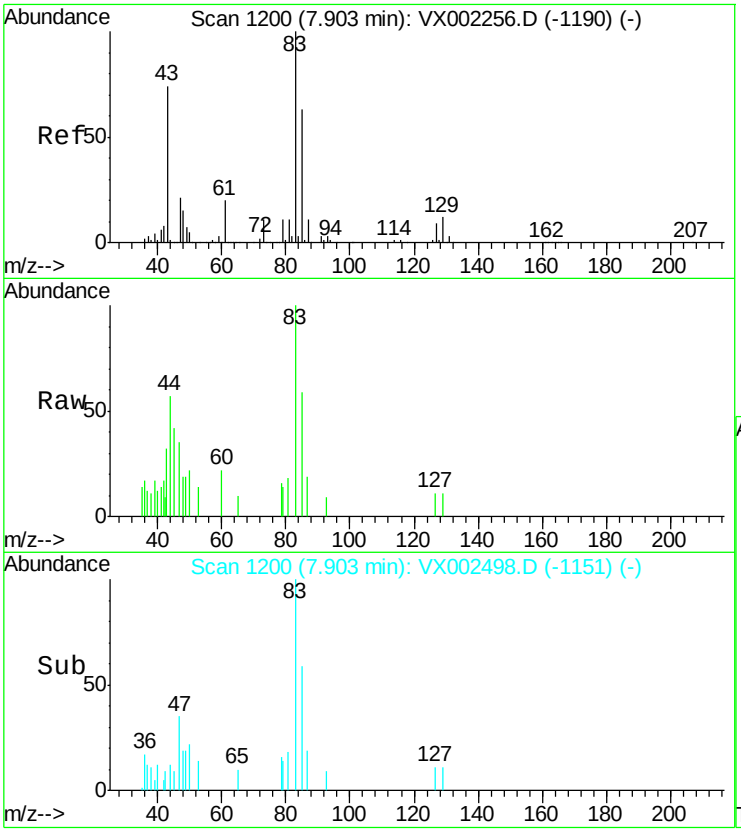


#39
Methylcyclohexane
Concen: 0.30 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 83 Resp: 164

Ion	Ratio	Lower	Upper
83	100		
55	91.3	65.4	98.0
98	0.0	37.4	56.0#



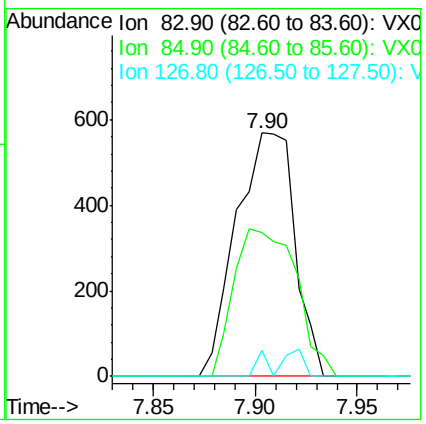


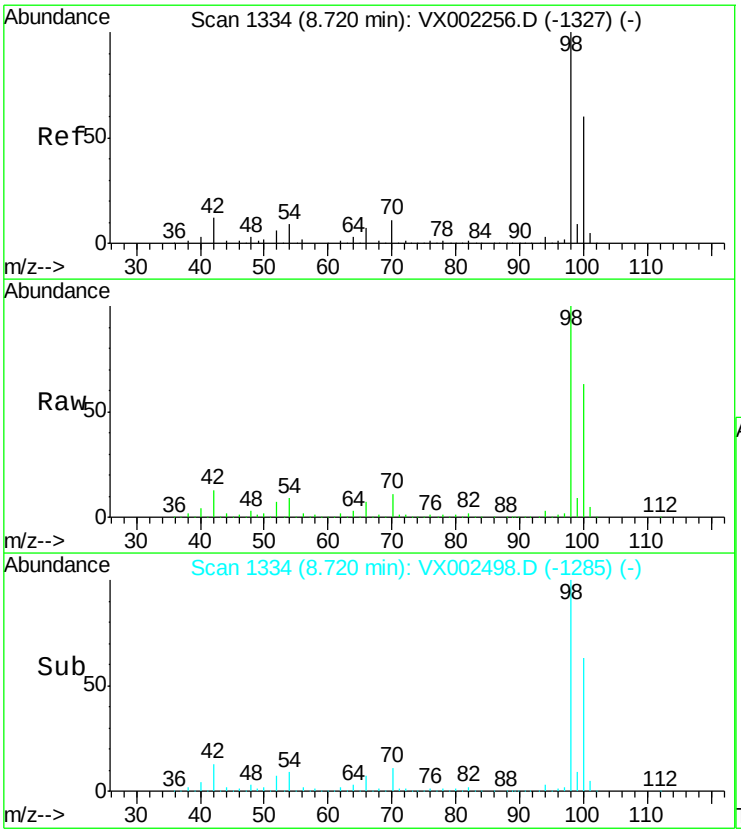
#47
Bromodichloromethane
Concen: 0.33 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1132

Ion	Ratio	Lower	Upper
83	100		
85	59.2	50.3	75.5
127	10.7	7.0	10.4#

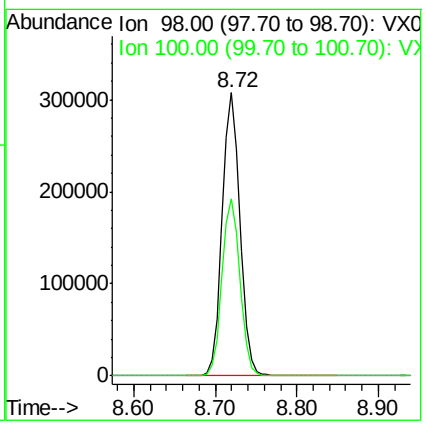


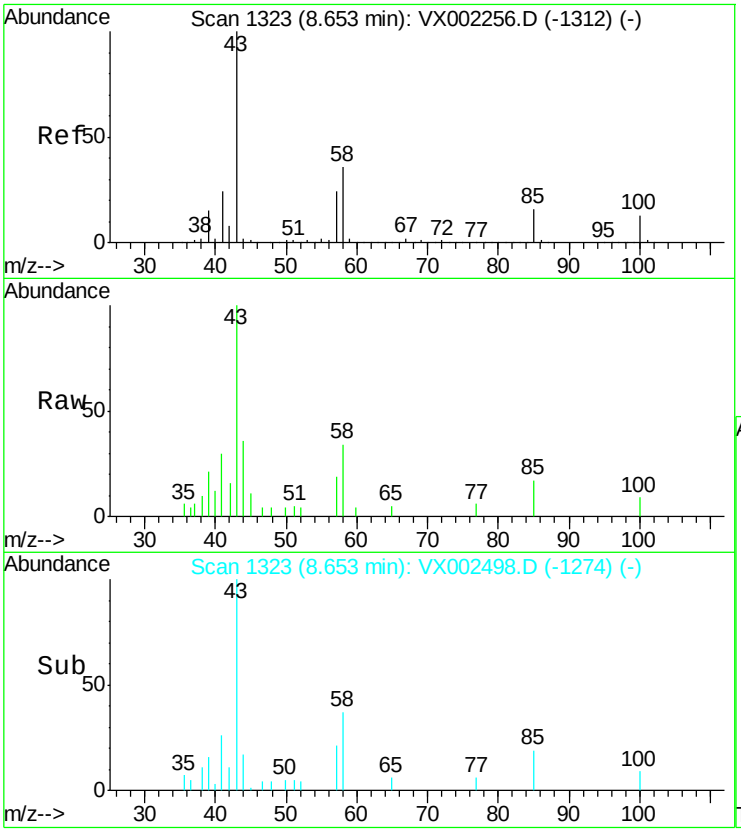


#50
Toluene-d8
Concen: 48.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 98 Resp: 464380

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3



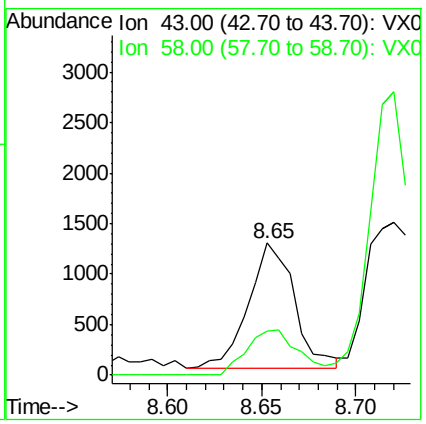


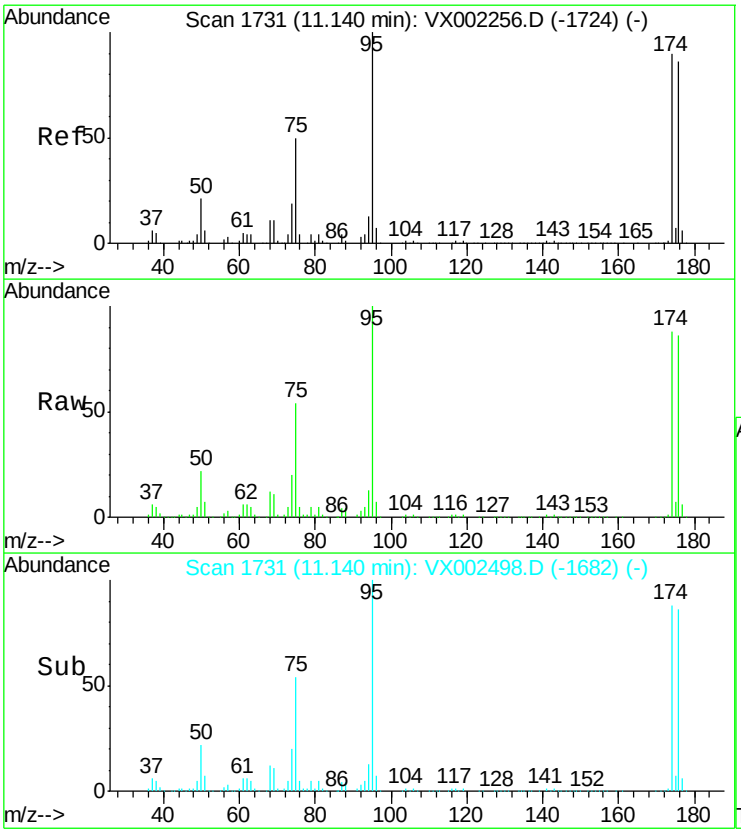
#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2101

Ion	Ratio	Lower	Upper
43	100		
58	40.7	28.6	42.8

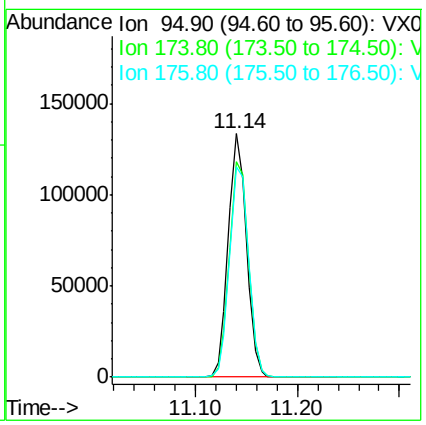


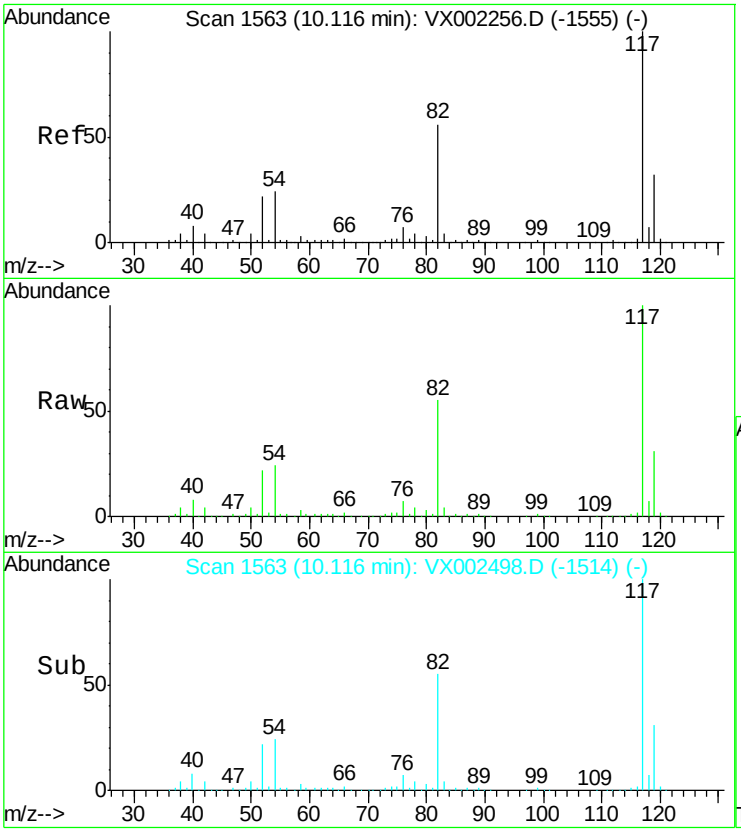


#62
4-Bromofluorobenzene
Concen: 44.31 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 95 Resp: 164016

Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	187.4
176	90.9	0.0	181.0



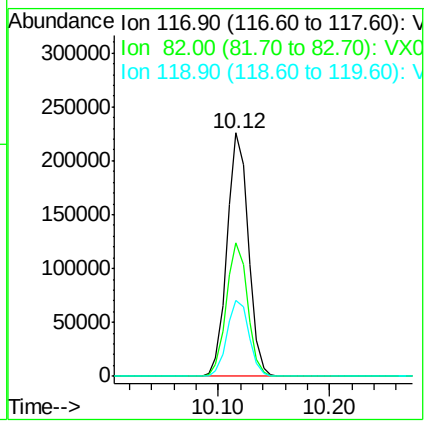


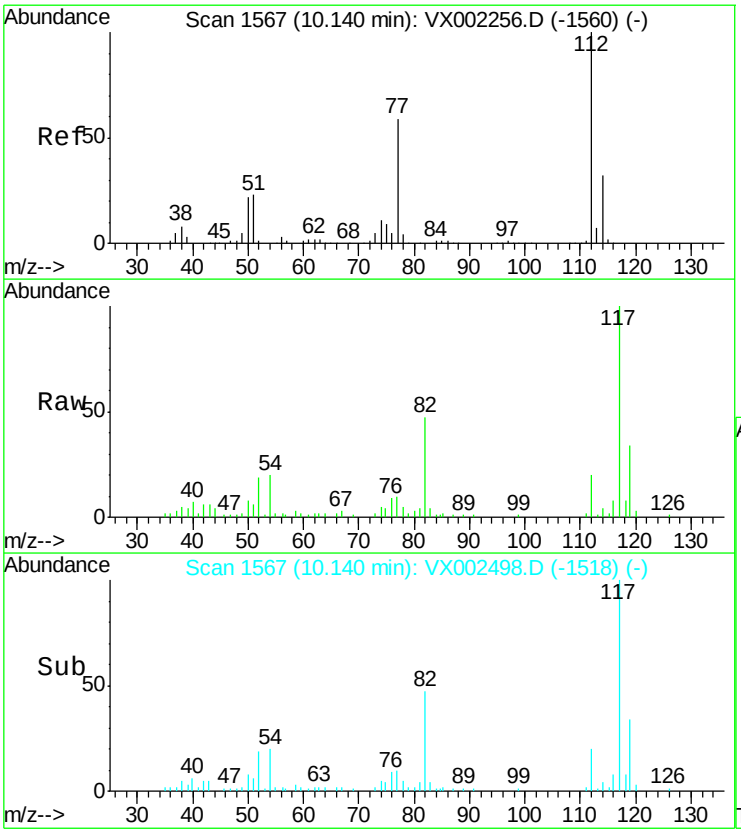
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 298993

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.4
119	31.3	25.8	38.6

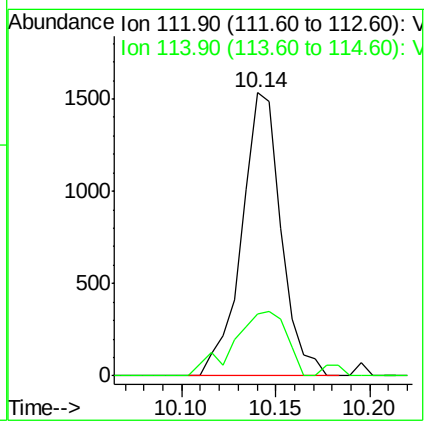


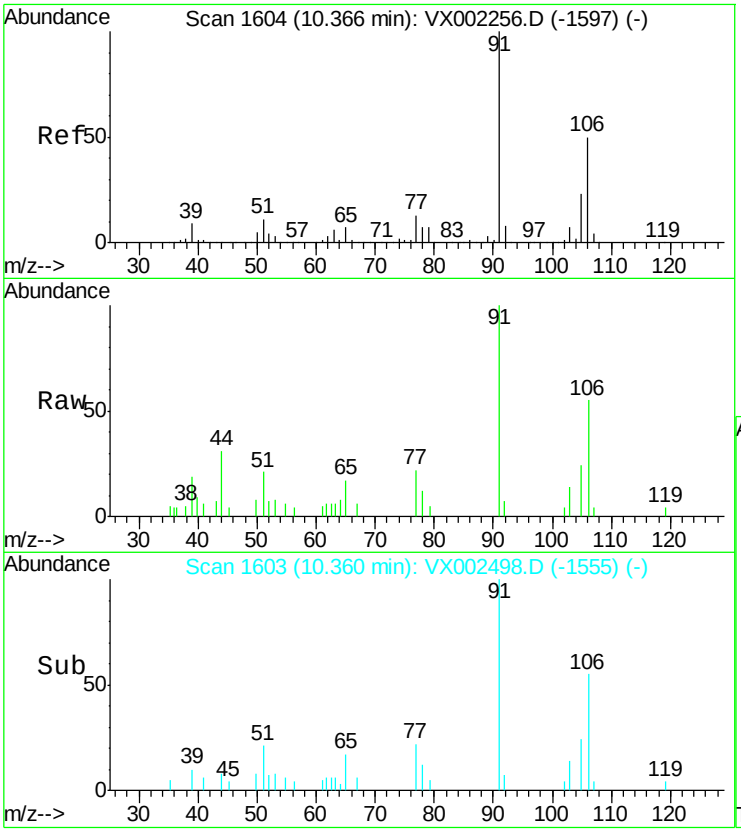


#65
Chlorobenzene
Concen: 0.30 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion:112 Resp: 2226

Ion	Ratio	Lower	Upper
112	100		
114	22.0	25.3	37.9#



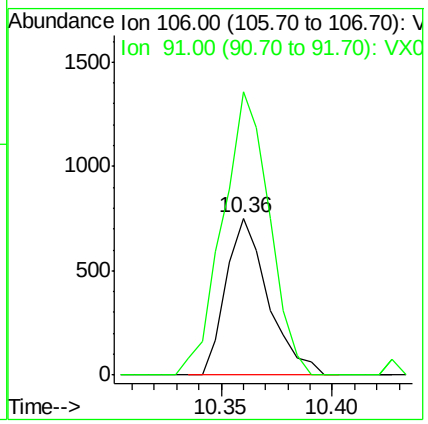


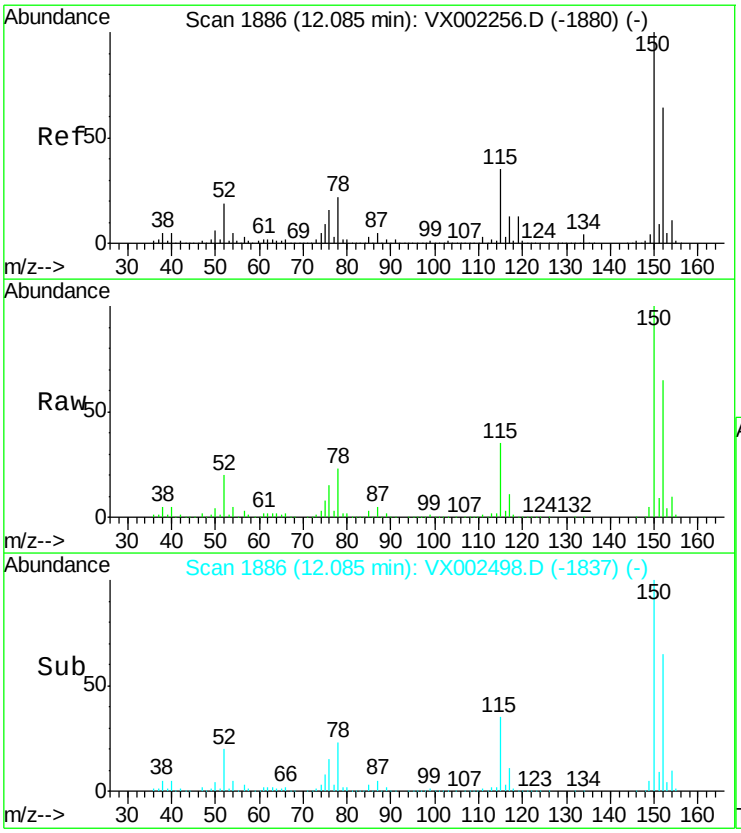
#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 991

Ion	Ratio	Lower	Upper
106	100		
91	200.3	163.4	245.2

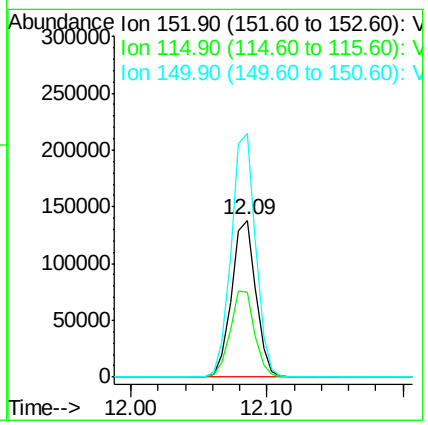


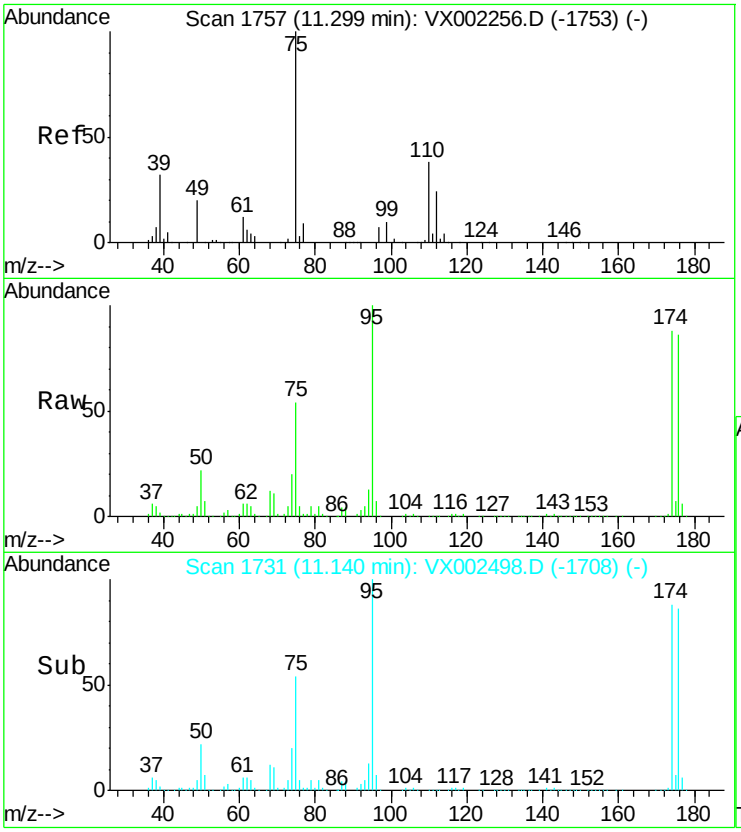


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion:152 Resp: 170807

Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.1	120.2
150	156.4	0.0	347.2



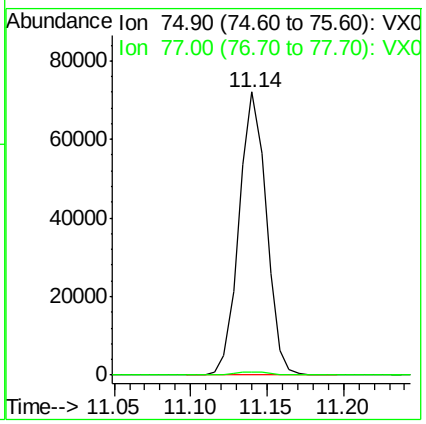


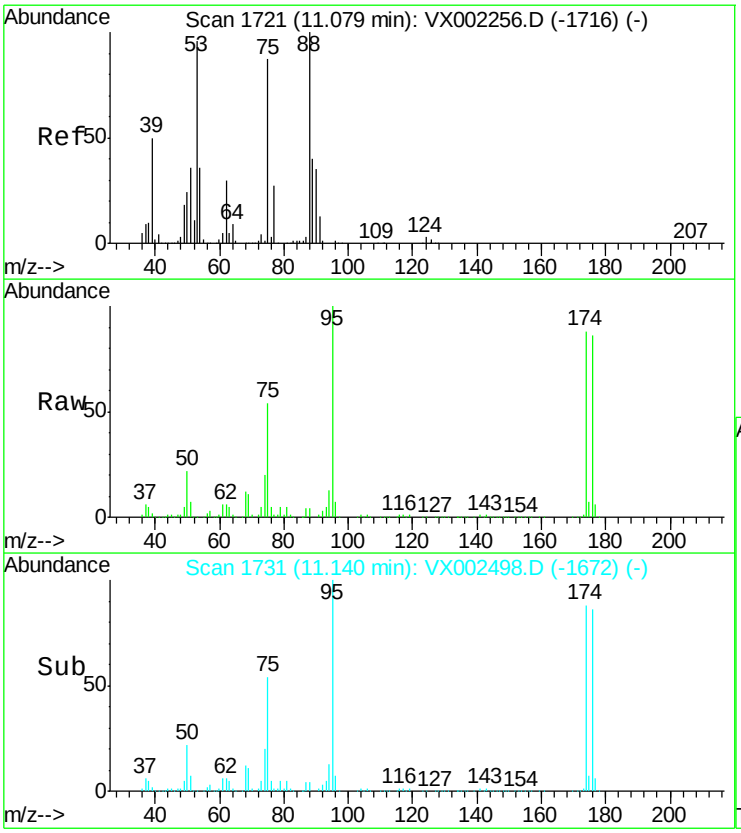
#76
1,2,3-Trichloropropane
Concen: 23.78 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 89118

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

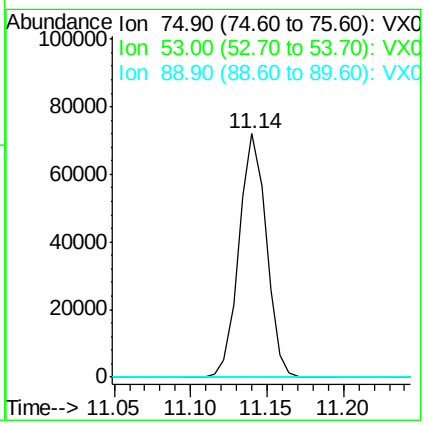


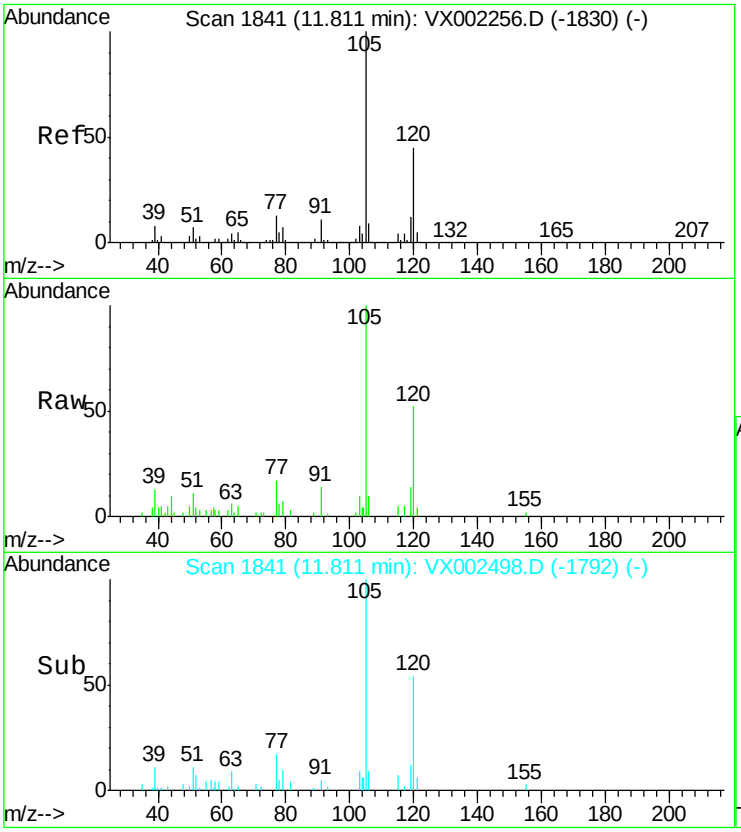


#81
trans-1,4-Dichloro-2-butene
Concen: 83.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion: 75 Resp: 89118

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#



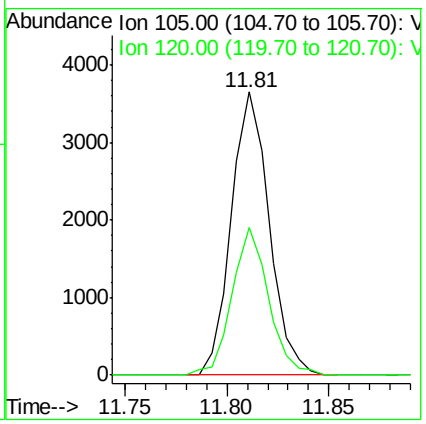


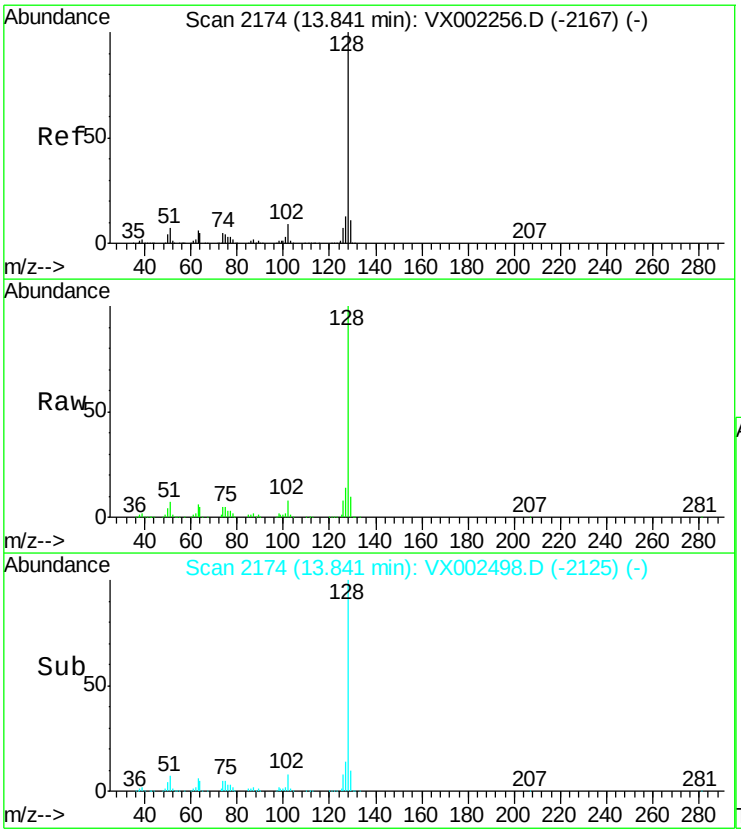
#84
1,2,4-Trimethylbenzene
Concen: 0.45 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 4692

Ion	Ratio	Lower	Upper
105	100		
120	50.3	22.3	66.8





#95
Naphthalene
Concen: 7.80 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002498.D
Acq: 13 Jun 2018 06:11

Tgt Ion:128 Resp: 96937

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	13.0