Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061218\
Data File : VX002491.D
Acq On : 13 Jun 2018 03:04
Operator : JC/MD
Sample : J3444-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 13 04:05:08 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	217067	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	320699	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	304535	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170114	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	158546	51.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.32%				
35) Dibromofluoromethane	5.51	113	120125	47.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.26%				
50) Toluene-d8	8.72	98	469116	48.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.06%				
62) 4-Bromofluorobenzene	11.14	95	162517	43.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.20%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	374	Below Cal		#	51
5) Bromomethane	1.61	94	320	Below Cal		#	3
8) Diethyl Ether	2.20	74	86	Below Cal		#	1
10) Methyl Iodide	2.52	142	932	0.28	ug/l	#	86
11) Tert butyl alcohol	3.07	59	1763	Below Cal		#	68
13) Acrolein	2.31	56	358	Below Cal		#	1
15) Acrylonitrile	3.14	53	207	Below Cal		#	65
16) Acetone	2.45	43	33263	6.22	ug/l		97
18) Methyl Acetate	2.78	43	21535	4.47	ug/l		97
19) Methyl tert-butyl Ether	3.21	73	101	Below Cal		#	54
20) Methylene Chloride	2.86	84	5161	Below Cal			96
22) Diisopropyl ether	3.89	45	288	Below Cal		#	49
25) 2-Butanone	4.71	43	7401	3.48	ug/l	#	90
28) Bromochloromethane	5.07	49	50	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	1442	1.05	ug/l	#	82
36) 1,1-Dichloropropene	5.67	75	15857	4.70	ug/l	#	47
38) Carbon Tetrachloride	5.67	117	20814	5.90	ug/l	#	17
39) Methylcyclohexane	7.46	83	174	0.30	ug/l	#	60
40) Benzene	6.14	78	2325	0.22	ug/l		94
49) 1,4-Dioxane	7.54	88	25	0.39	ug/l	#	22
51) 4-Methyl-2-Pentanone	8.65	43	2143	0.50	ug/l		96
65) Chlorobenzene	10.14	112	1716	0.23	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	89467	23.97	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	89467	84.02	ug/l	#	7

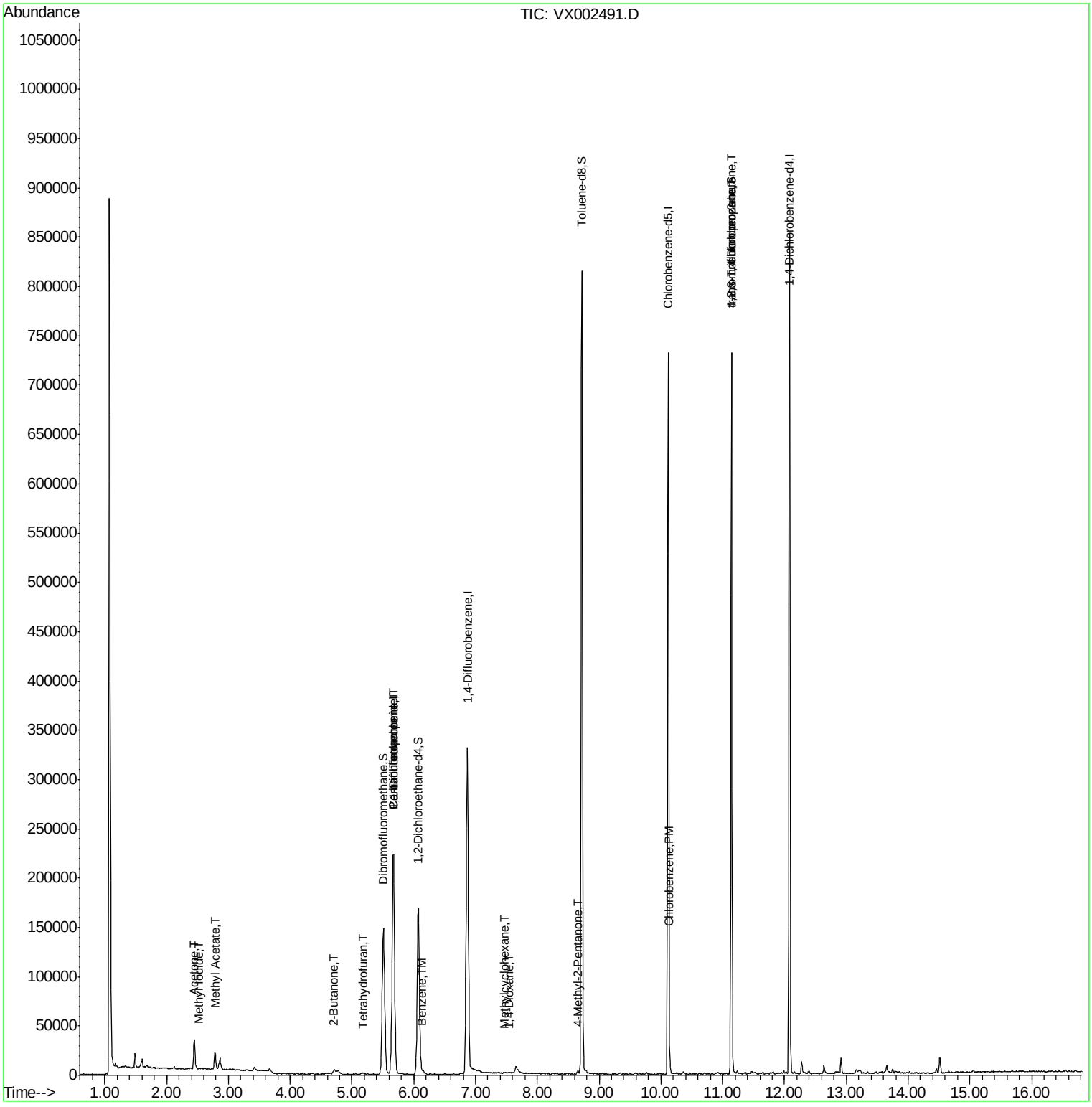
(#) = qualifier out of range (m) = manual integration (+) = signals summed

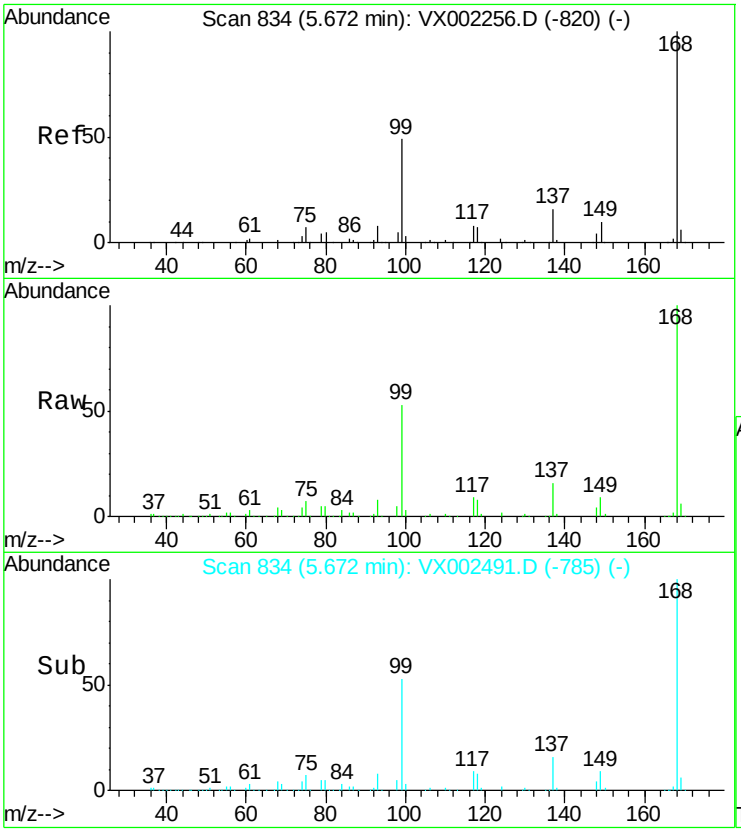
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
Data File : VX002491.D
Acq On : 13 Jun 2018 03:04
Operator : JC/MD
Sample : J3444-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 13 04:05:08 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



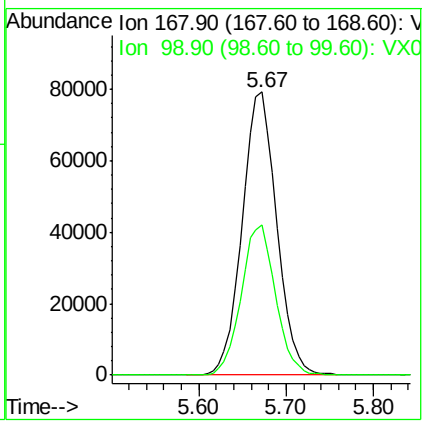


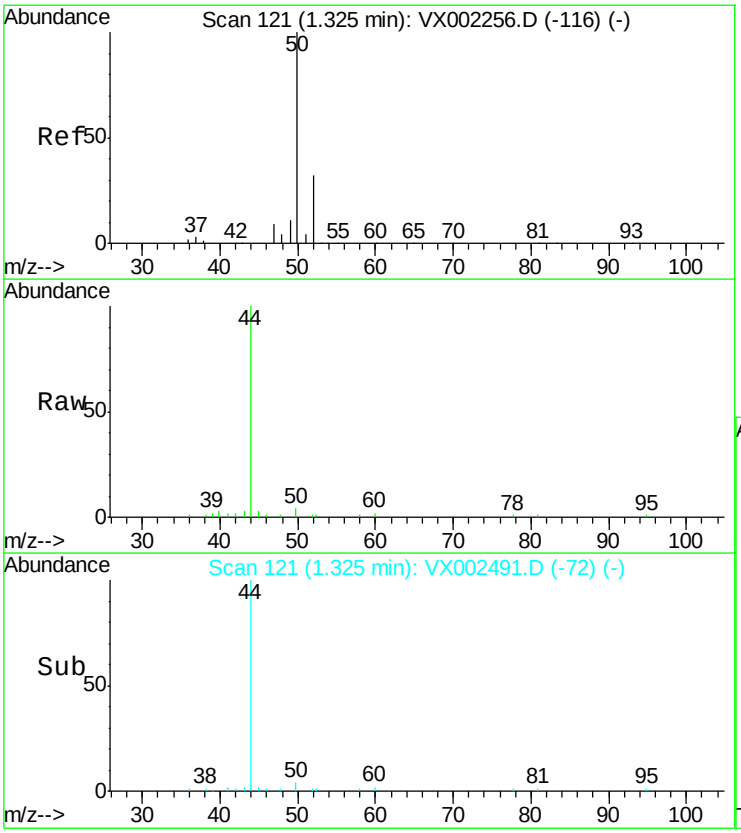
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 217067

Ion	Ratio	Lower	Upper
168	100		
99	53.2	39.3	58.9

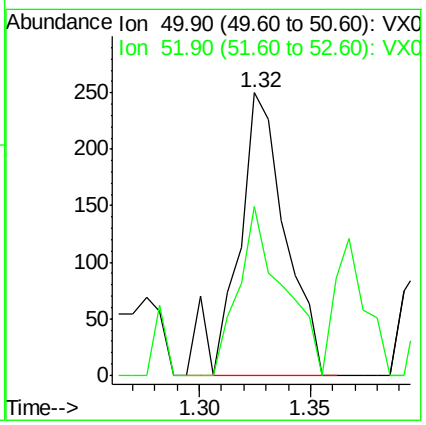


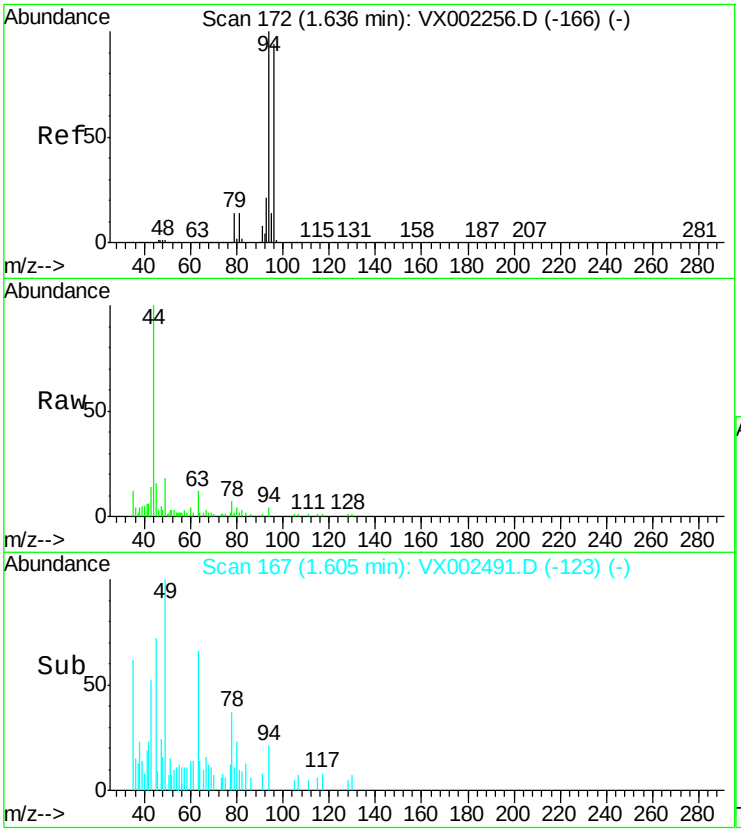


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 50 Resp: 374

Ion	Ratio	Lower	Upper
50	100		
52	59.6	25.7	38.5#



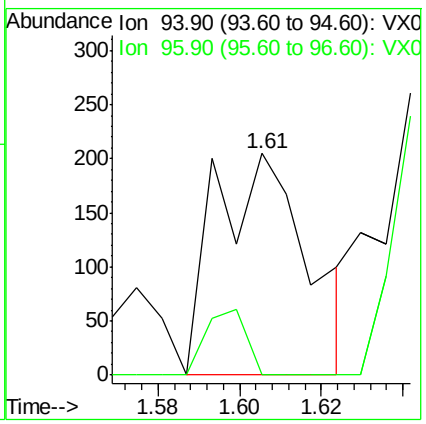


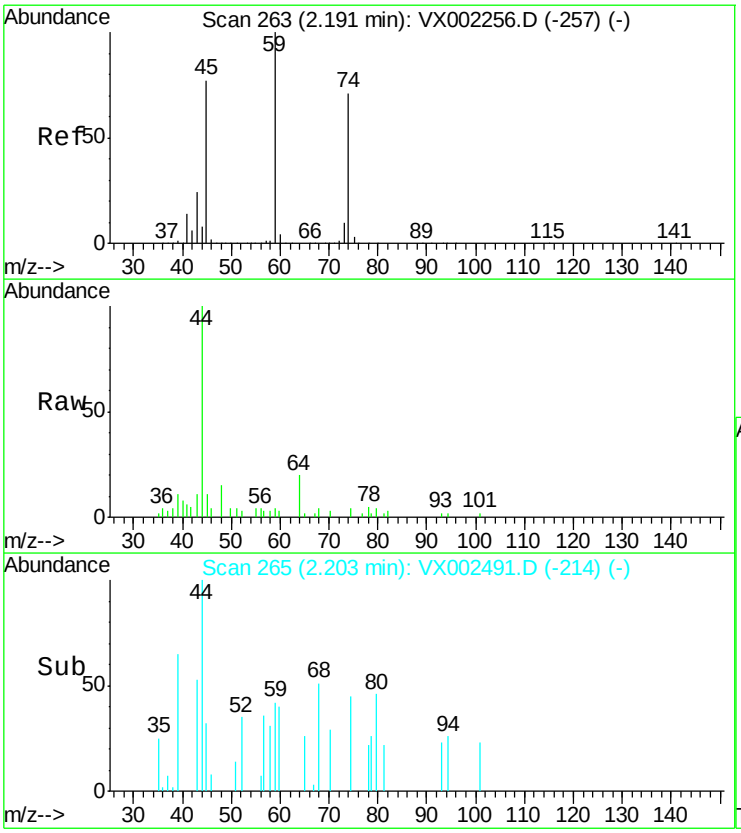
#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 167
Delta R.T. -0.03 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 320

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.9	112.3#

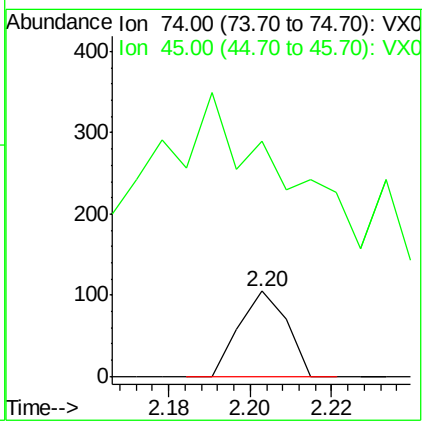


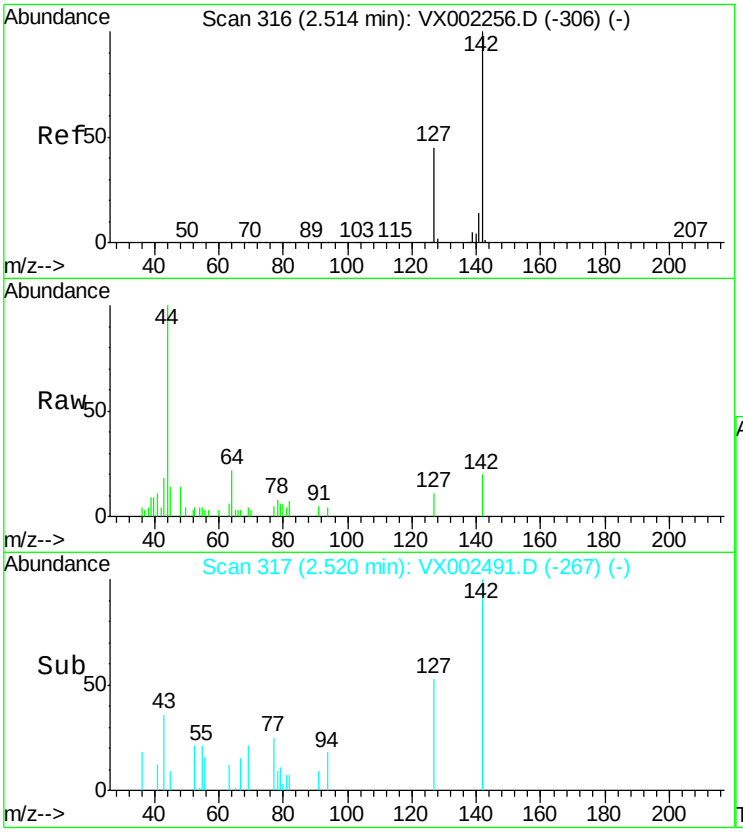


#8
Diethyl Ether
Concen: Below Cal
RT: 2.20 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 74 Resp: 86

Ion	Ratio	Lower	Upper
74	100		
45	426.7	53.1	159.4#



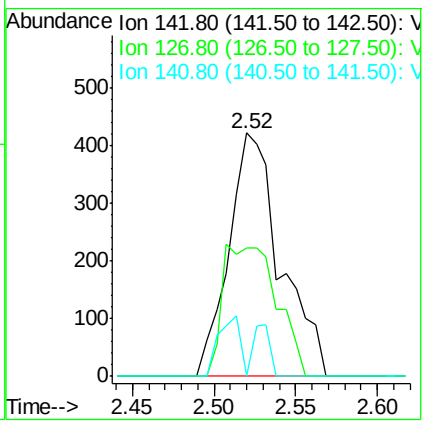


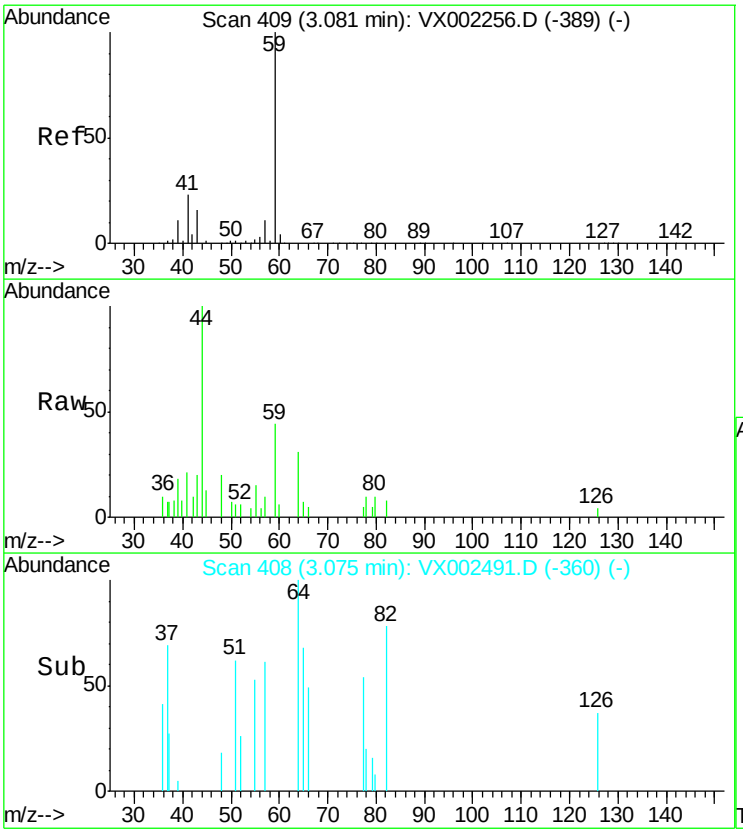
#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 932

Ion	Ratio	Lower	Upper
142	100		
127	56.3	36.6	55.0#
141	10.3	11.3	16.9#

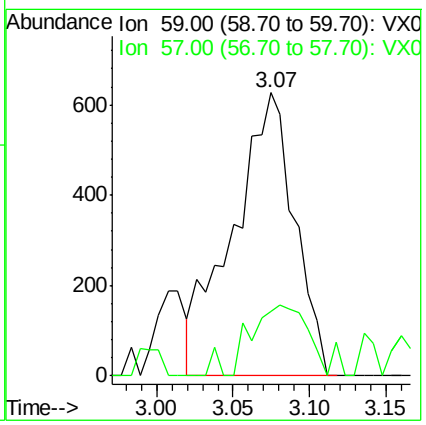


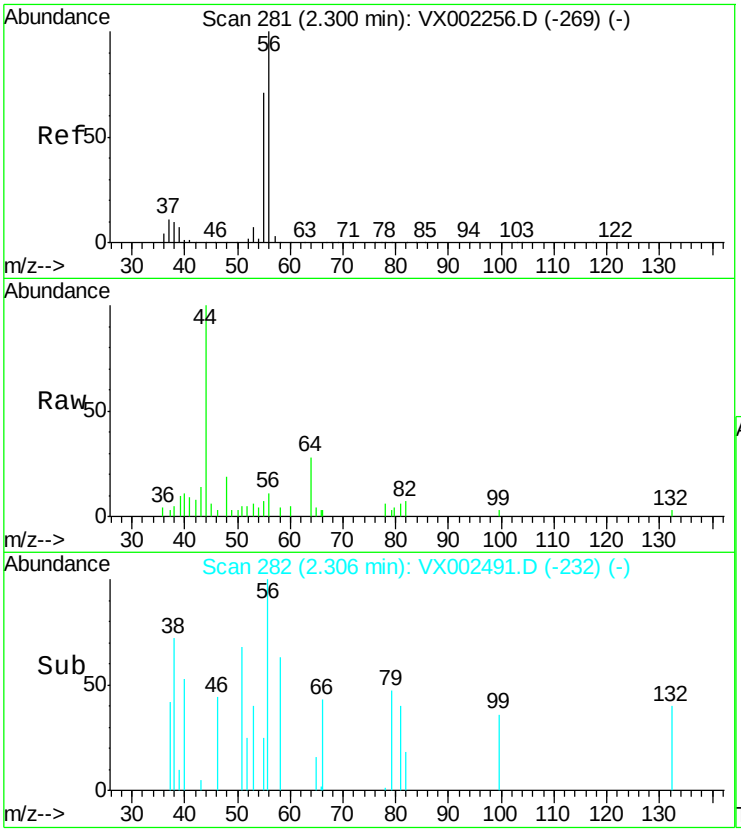


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 59 Resp: 1763

Ion	Ratio	Lower	Upper
59	100		
57	22.2	8.2	12.2#



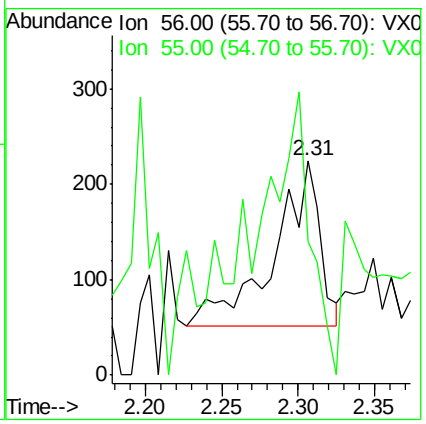


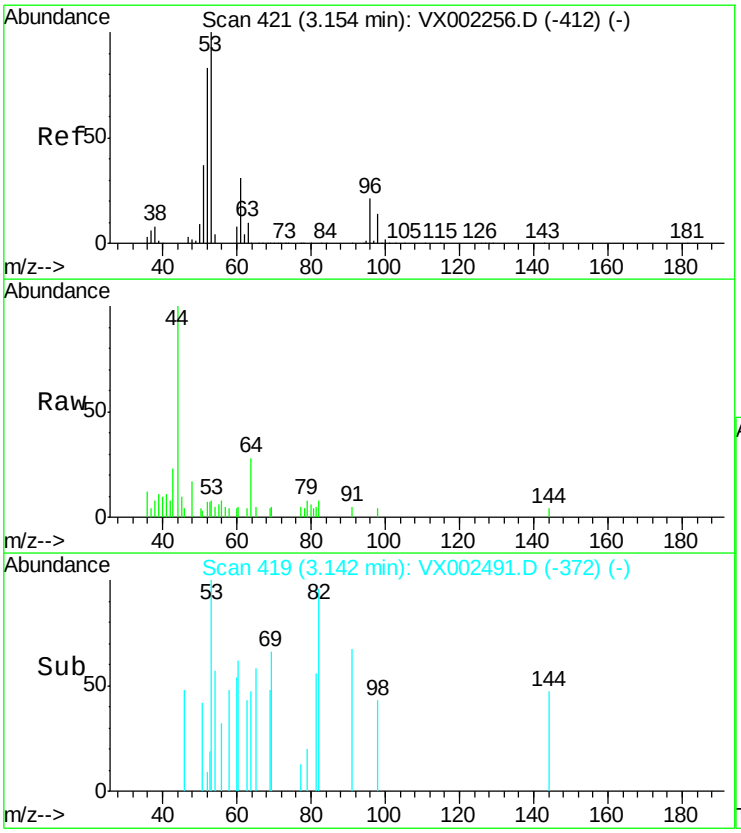
#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 358

Ion	Ratio	Lower	Upper
56	100		
55	205.9	57.0	85.4#

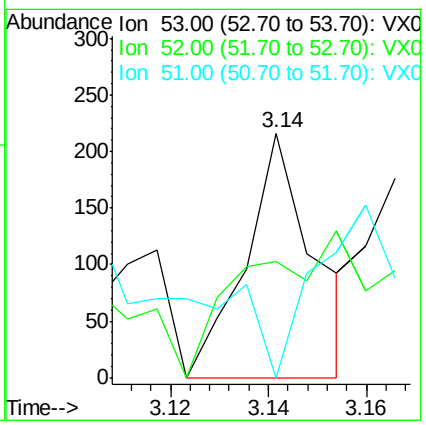


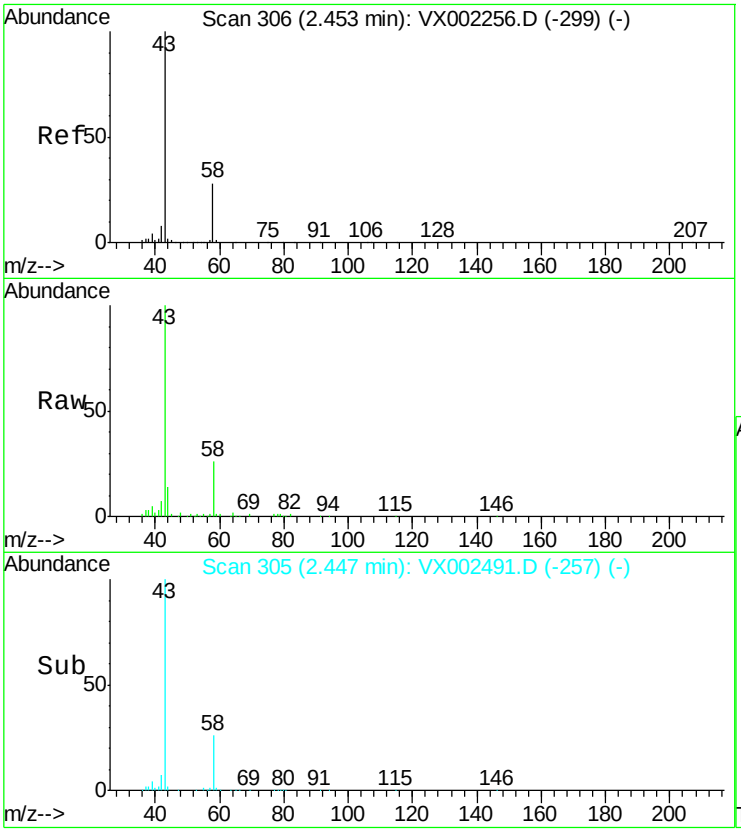


#15
Acrylonitrile
Concen: Below Cal
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 53 Resp: 207

Ion	Ratio	Lower	Upper
53	100		
52	63.3	66.7	100.1#
51	0.0	29.9	44.9#



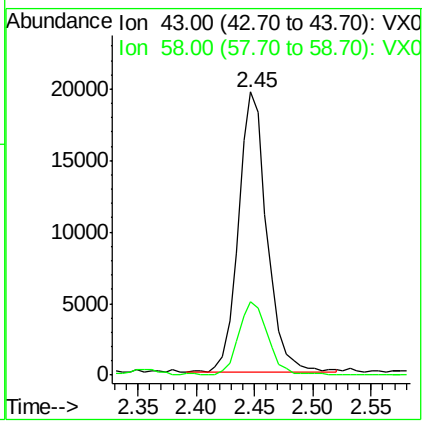


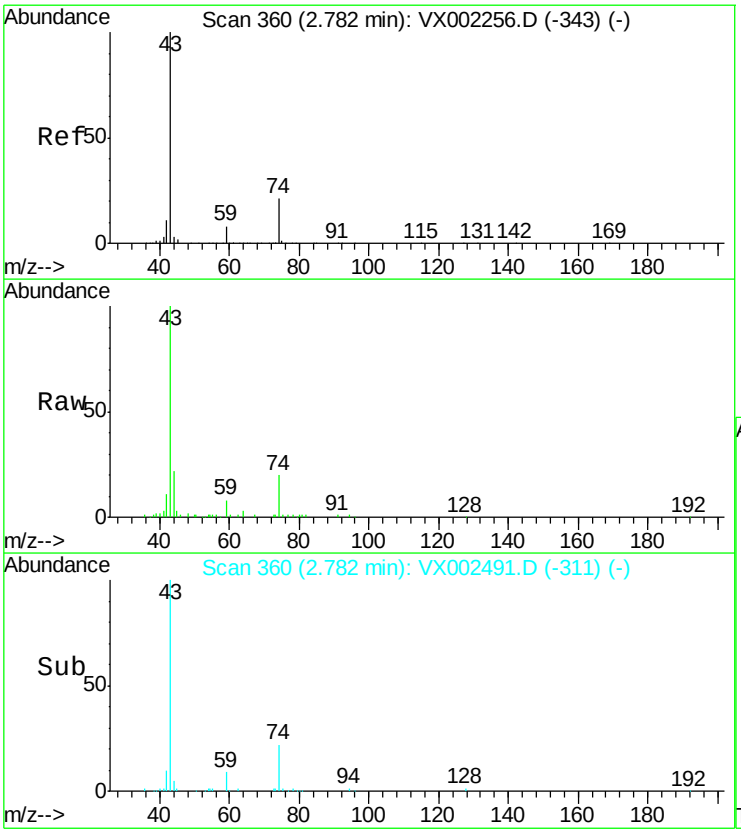
#16
Acetone
Concen: 6.22 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 33263

Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.1	33.1

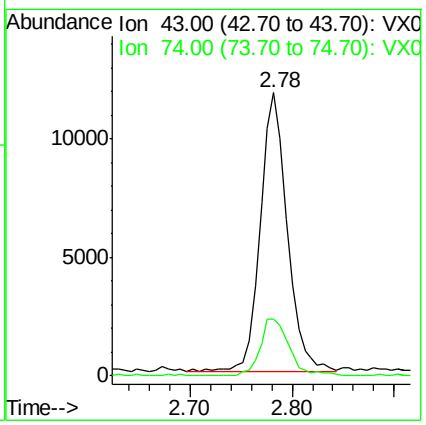


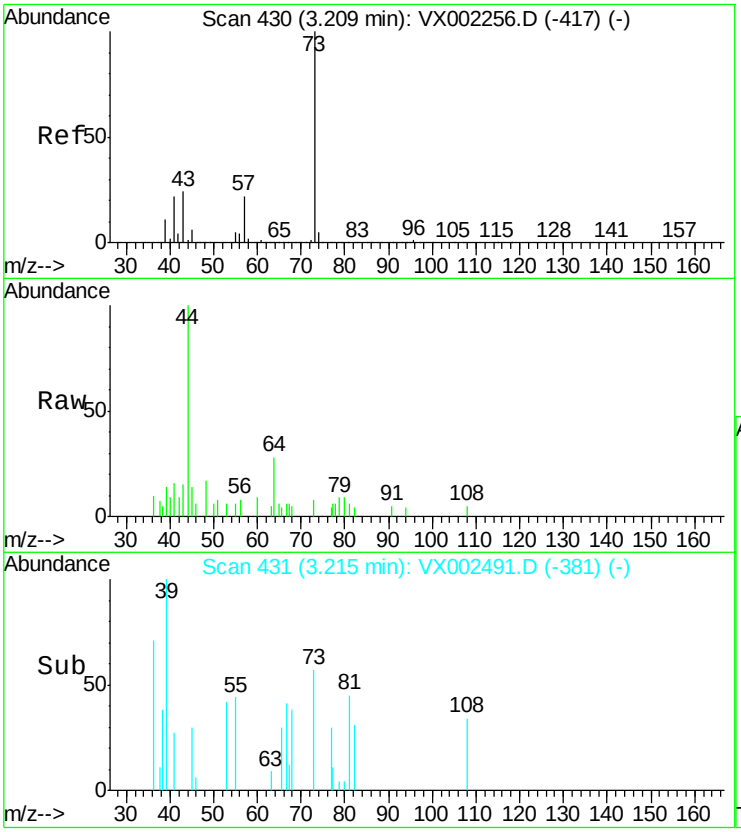


#18
Methyl Acetate
Concen: 4.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 43 Resp: 21535

Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.7	25.1



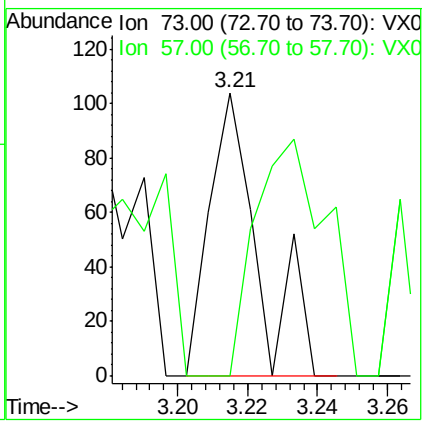


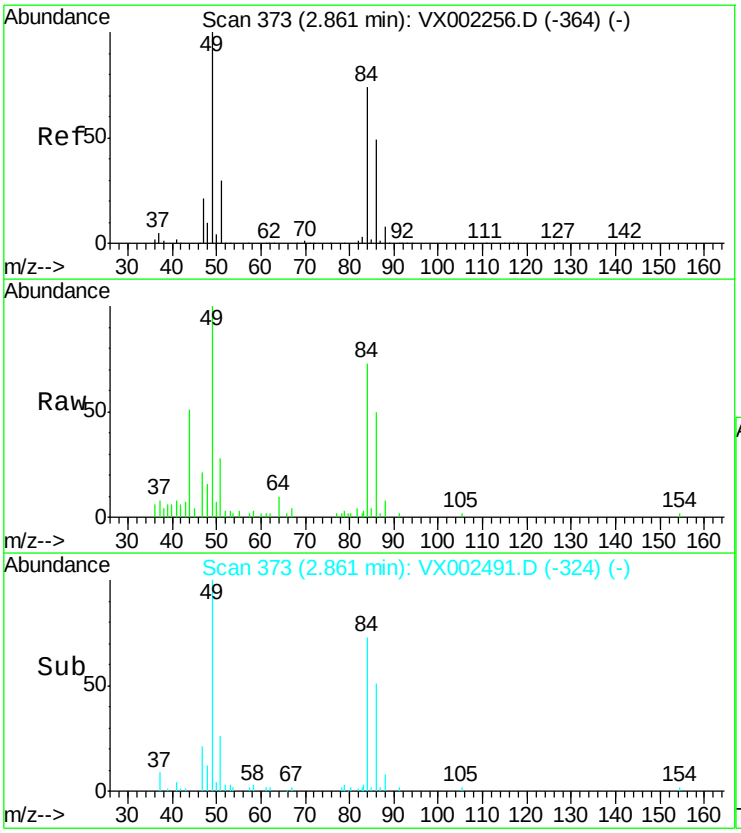
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 101

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.7	26.5#

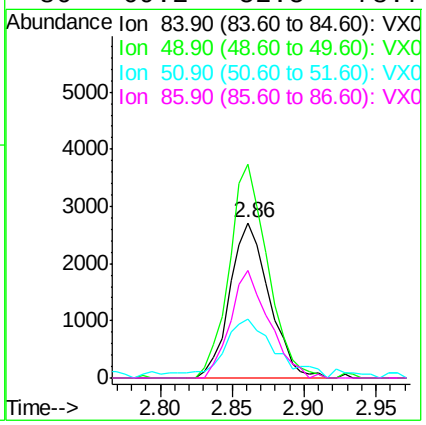


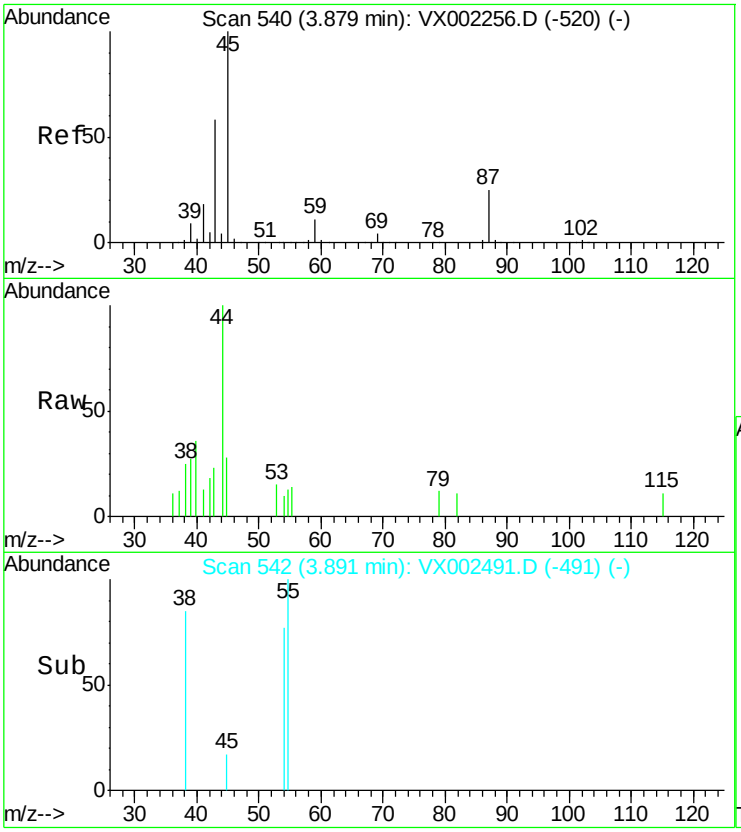


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 84 Resp: 5161

Ion	Ratio	Lower	Upper
84	100		
49	137.4	107.8	161.6
51	34.4	32.8	49.2
86	69.2	52.5	78.7



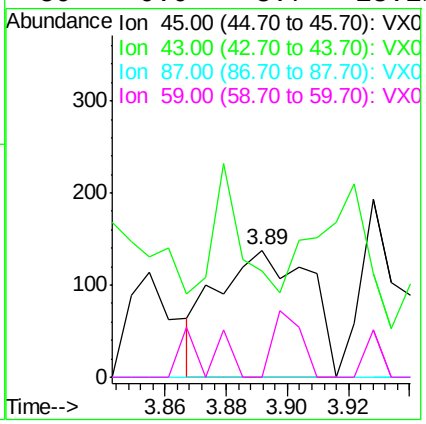


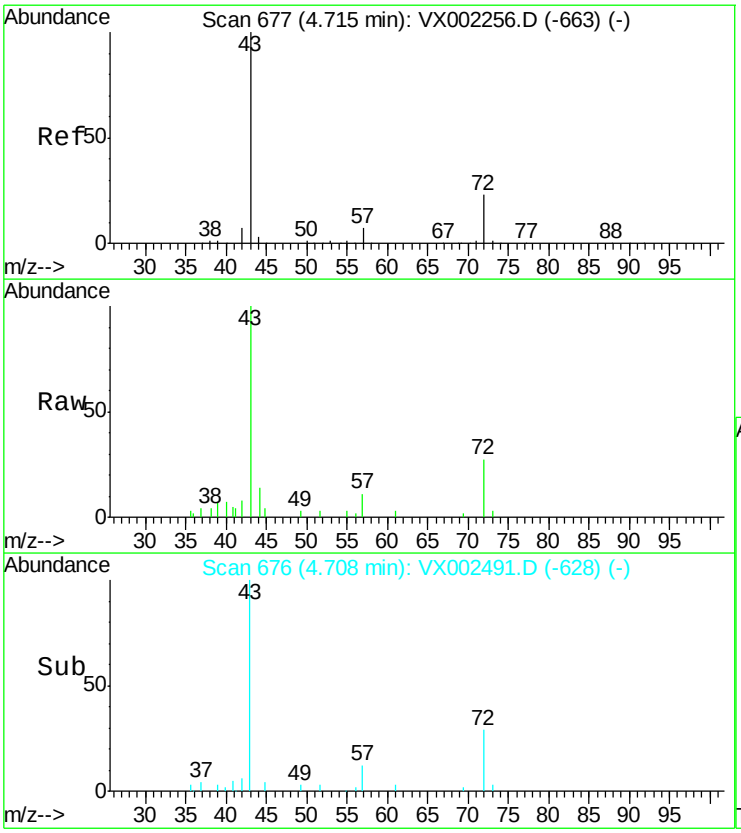
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 542
Delta R.T. 0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 288

Ion	Ratio	Lower	Upper
45	100		
43	17.4	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

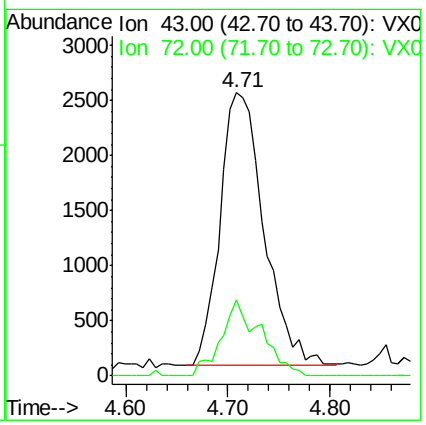


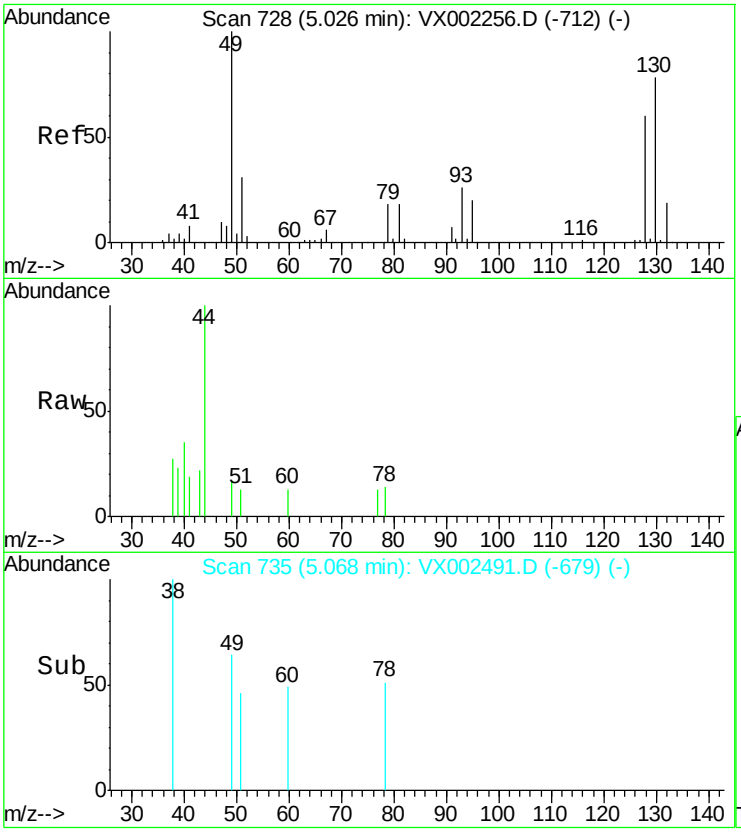


#25
2-Butanone
Concen: 3.48 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 43 Resp: 7401

Ion	Ratio	Lower	Upper
43	100		
72	27.9	18.5	27.7#



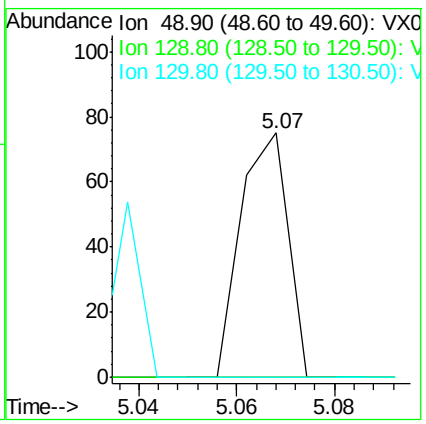


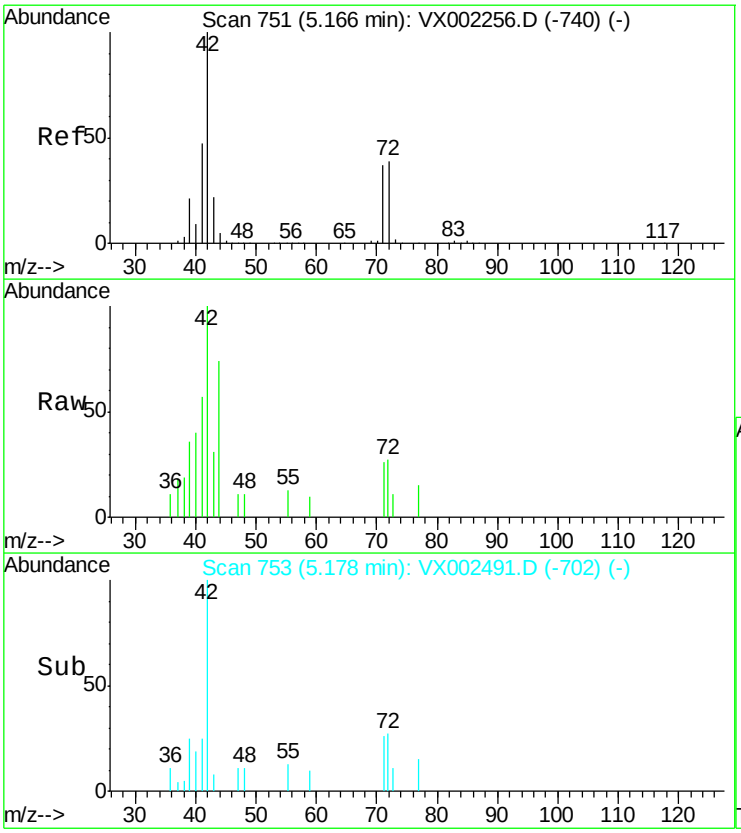
#28
Bromochloromethane
Concen: Below Cal
RT: 5.07 min Scan# 735
Delta R.T. 0.04 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 50

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

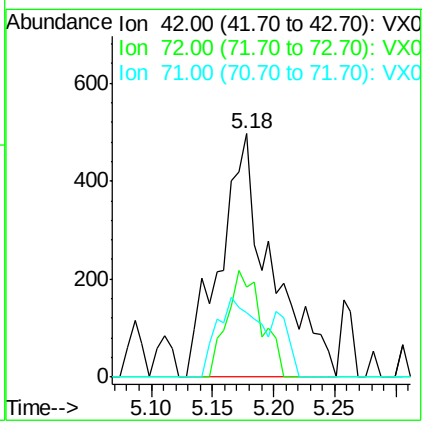


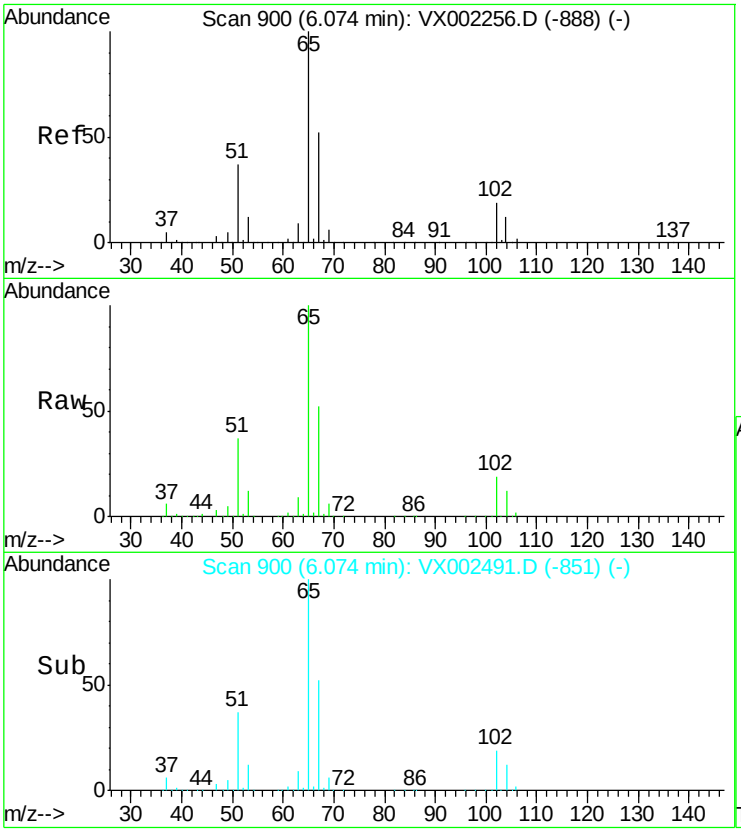


#29
Tetrahydrofuran
Concen: 1.05 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 42 Resp: 1442

Ion	Ratio	Lower	Upper
42	100		
72	29.8	32.0	48.0#
71	26.5	30.1	45.1#



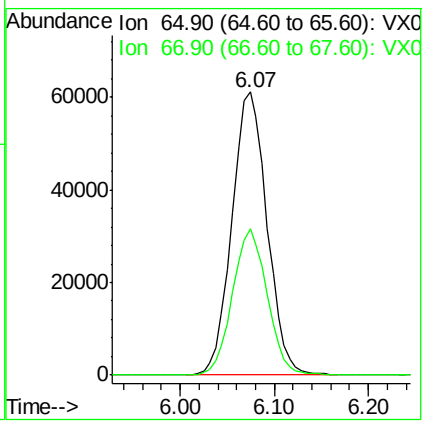


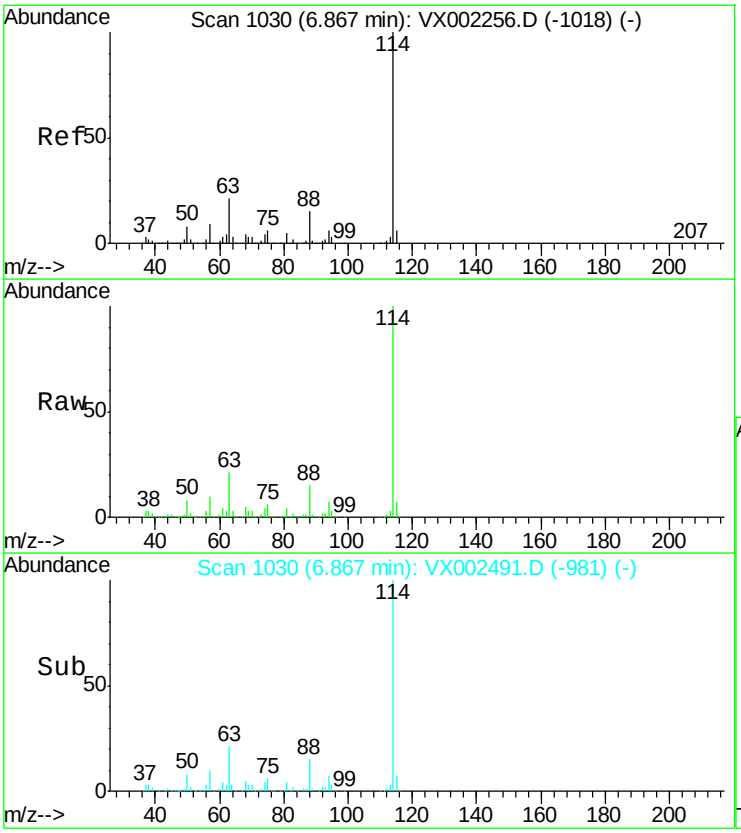
#33
1,2-Dichloroethane-d4
Concen: 51.16 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 158546

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6

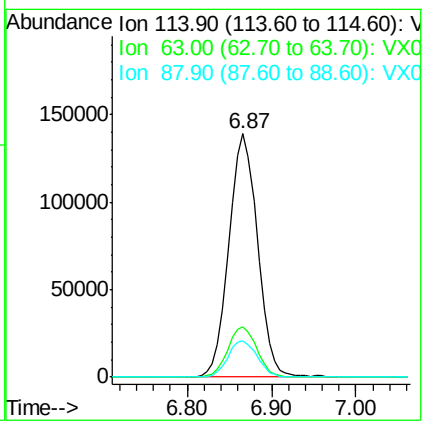


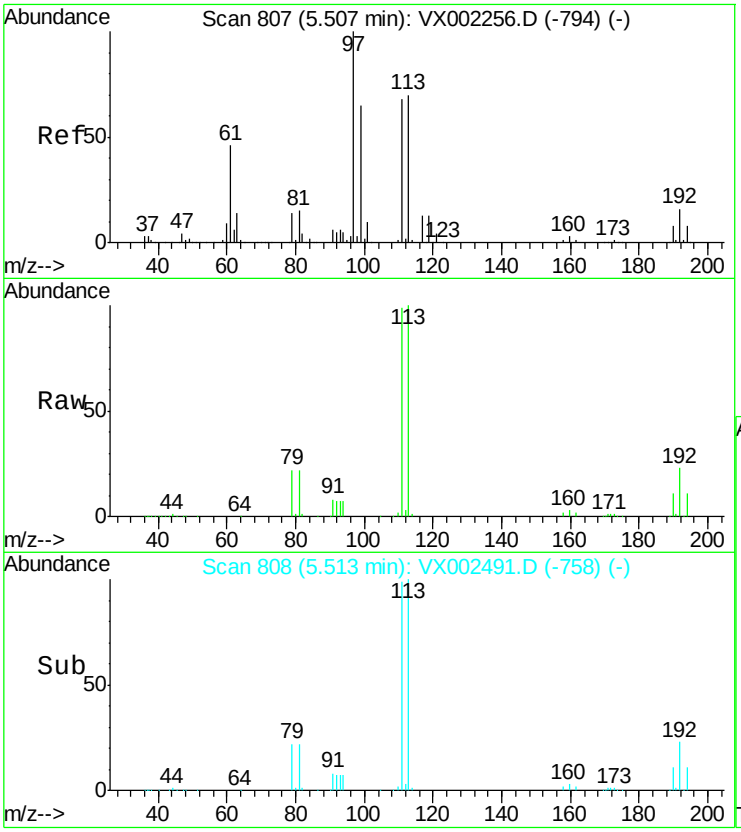


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion:114 Resp: 320699

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	15.1	0.0	30.0



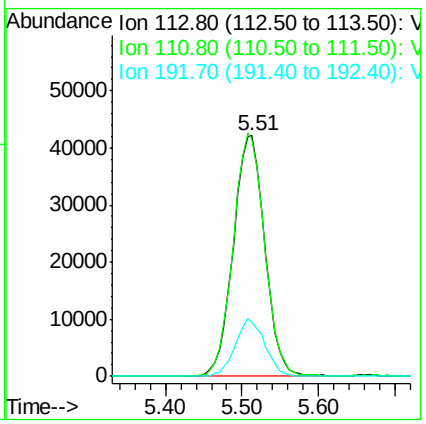


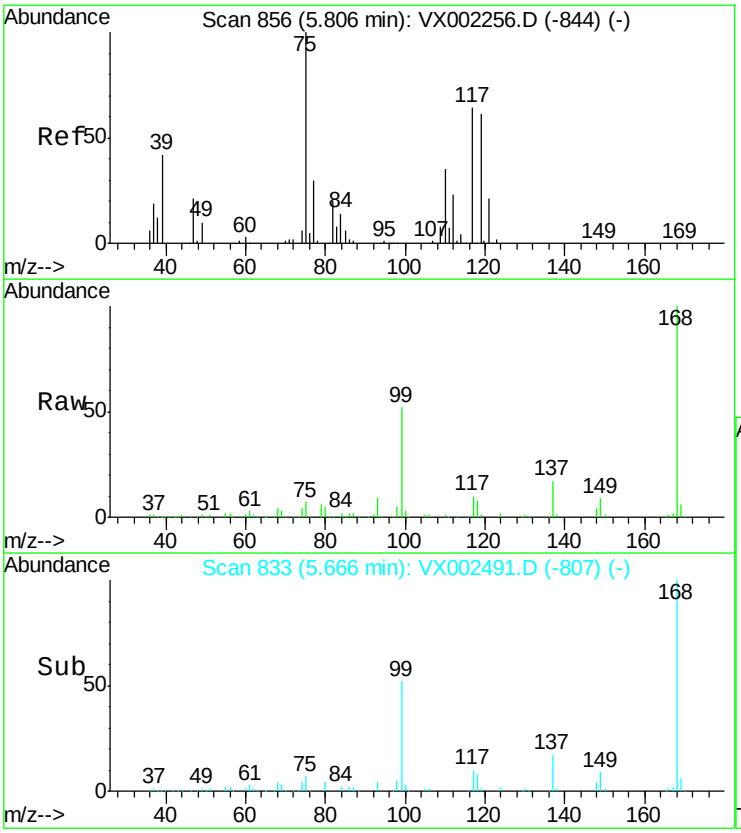
#35
Dibromofluoromethane
Concen: 47.63 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 120125

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.4	122.0
192	22.8	19.1	28.7

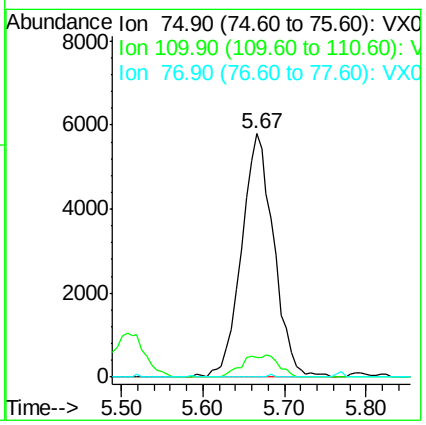


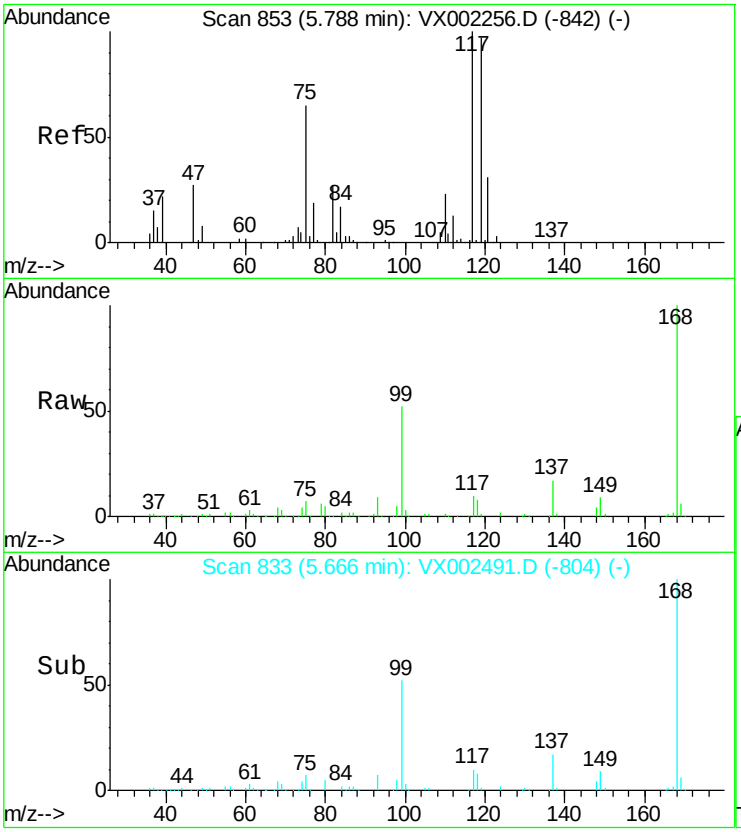


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 75 Resp: 15857

Ion	Ratio	Lower	Upper
75	100		
110	5.9	18.1	54.4#
77	0.0	24.3	36.5#



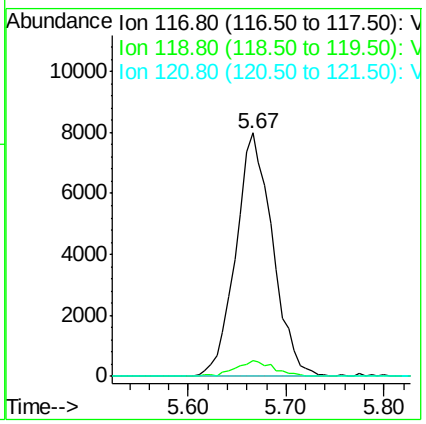


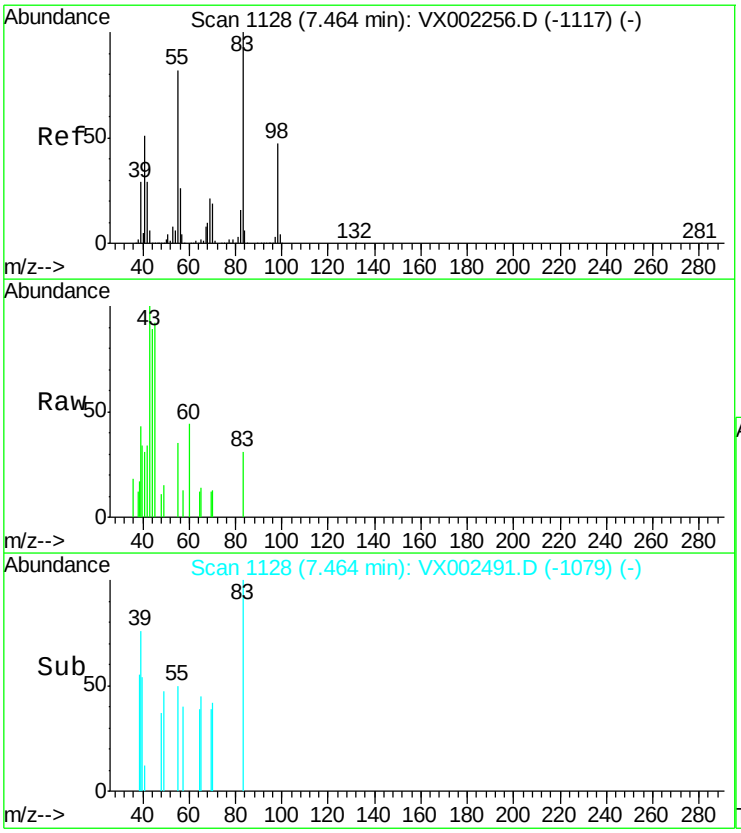
#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 20814

Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.4	116.0#
121	0.0	24.4	36.6#

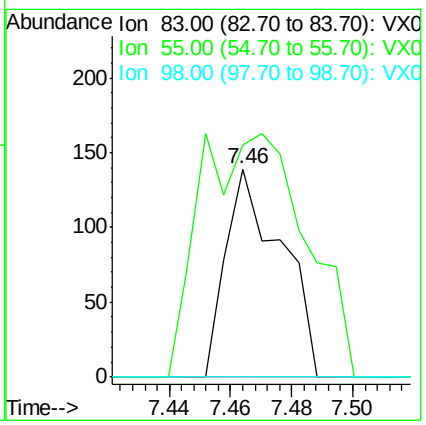


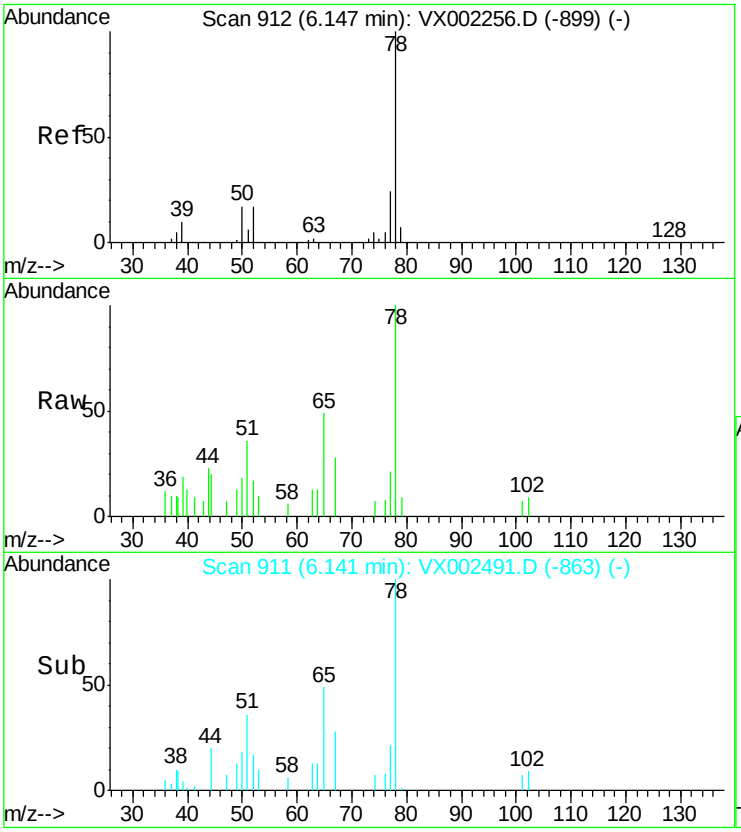


#39
Methylcyclohexane
Concen: 0.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 83 Resp: 174

Ion	Ratio	Lower	Upper
83	100		
55	61.2	65.4	98.0#
98	0.0	37.4	56.0#



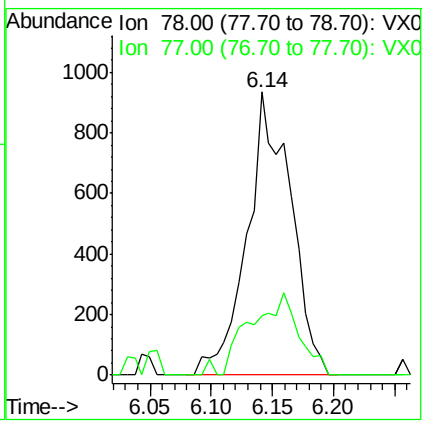


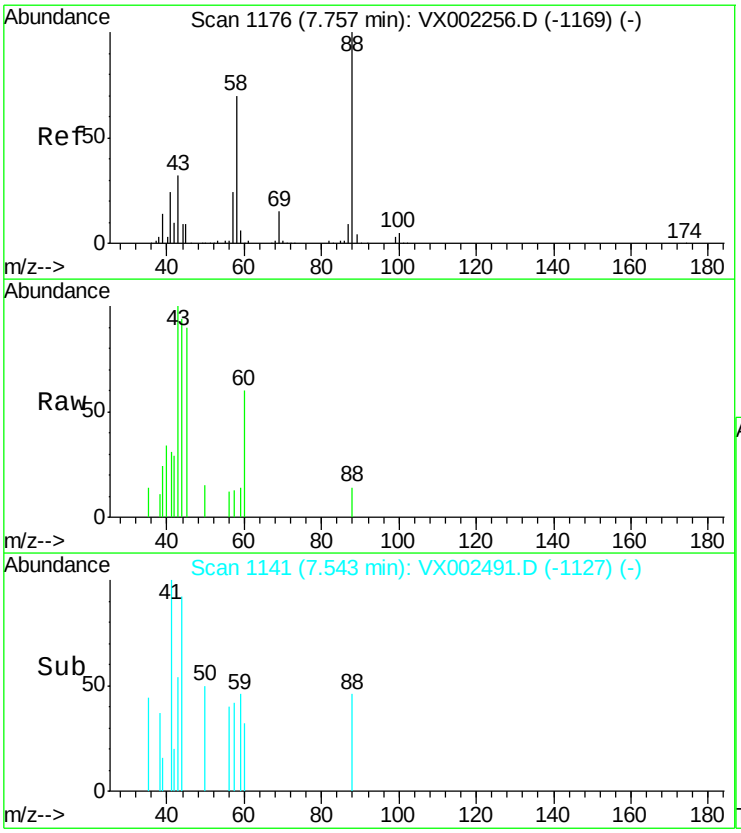
#40
Benzene
Concen: 0.22 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 2325

Ion	Ratio	Lower	Upper
78	100		
77	21.1	19.1	28.7

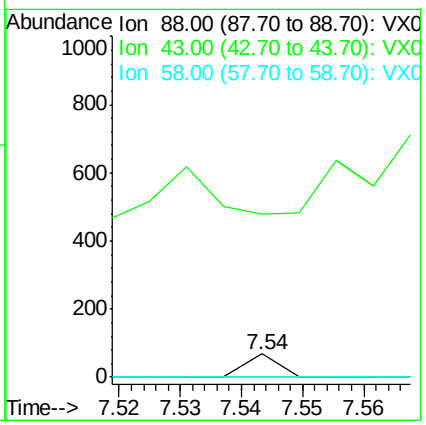


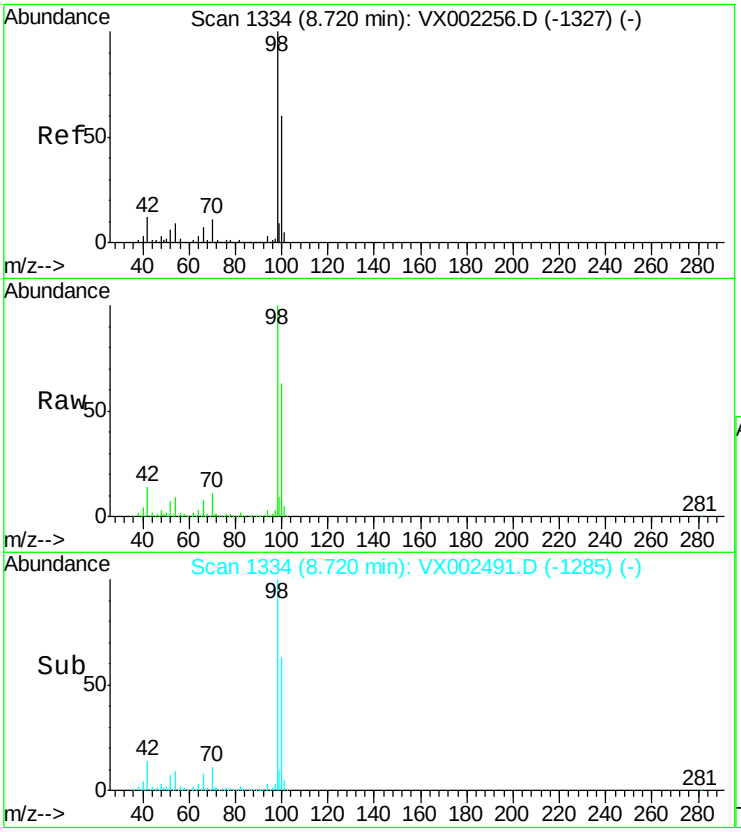


#49
1,4-Dioxane
Concen: 0.39 ug/l
RT: 7.54 min Scan# 1141
Delta R.T. -0.21 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	0.0	57.1	85.7#



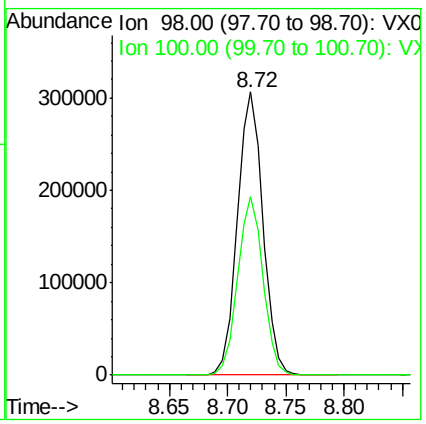


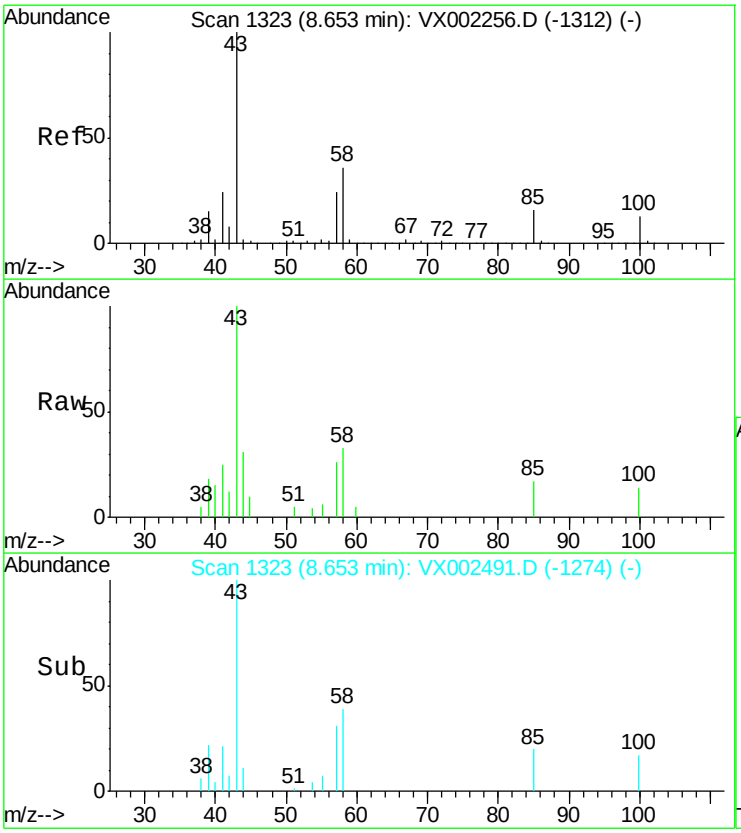
#50
Toluene-d8
Concen: 48.53 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 469116

Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.9	76.3

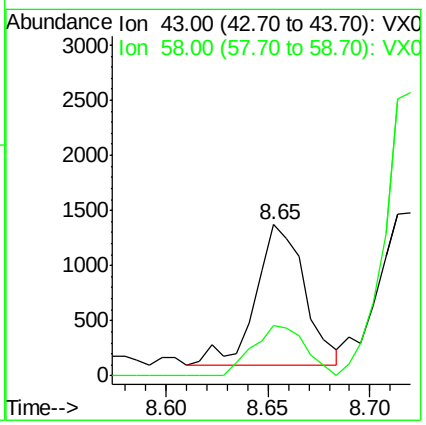


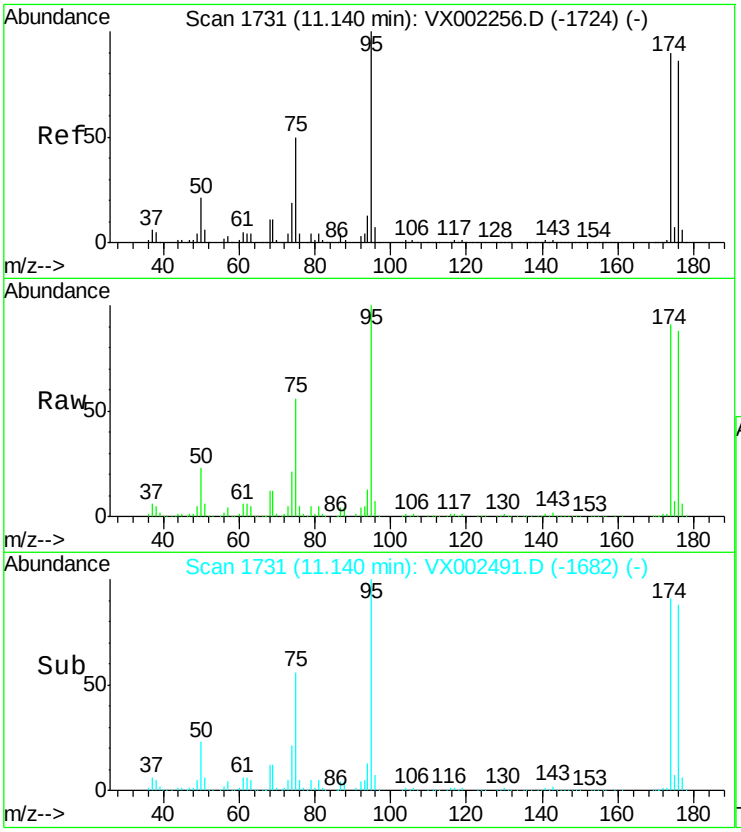


#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 43 Resp: 2143

Ion	Ratio	Lower	Upper
43	100		
58	38.0	28.6	42.8



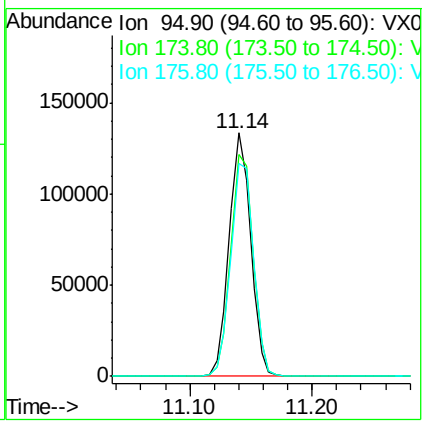


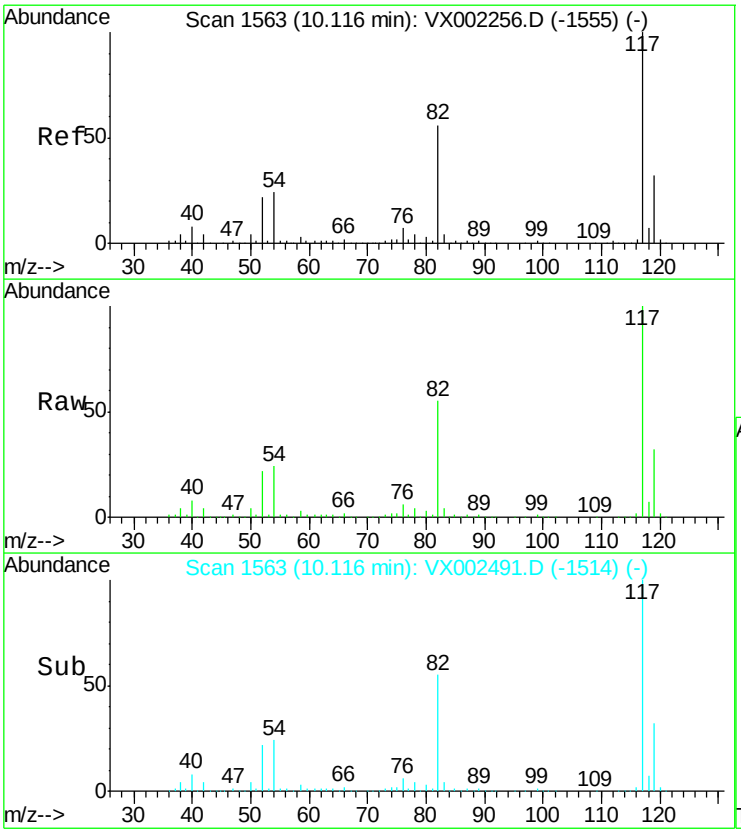
#62
4-Bromofluorobenzene
Concen: 43.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 162517

Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	187.4
176	92.4	0.0	181.0

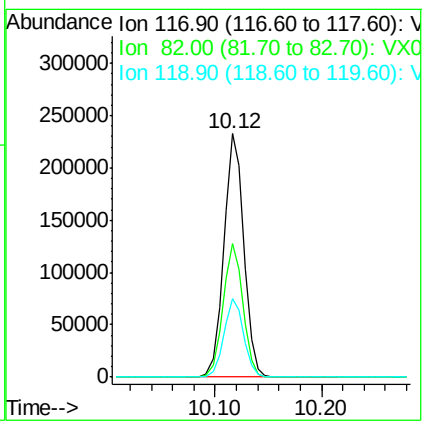


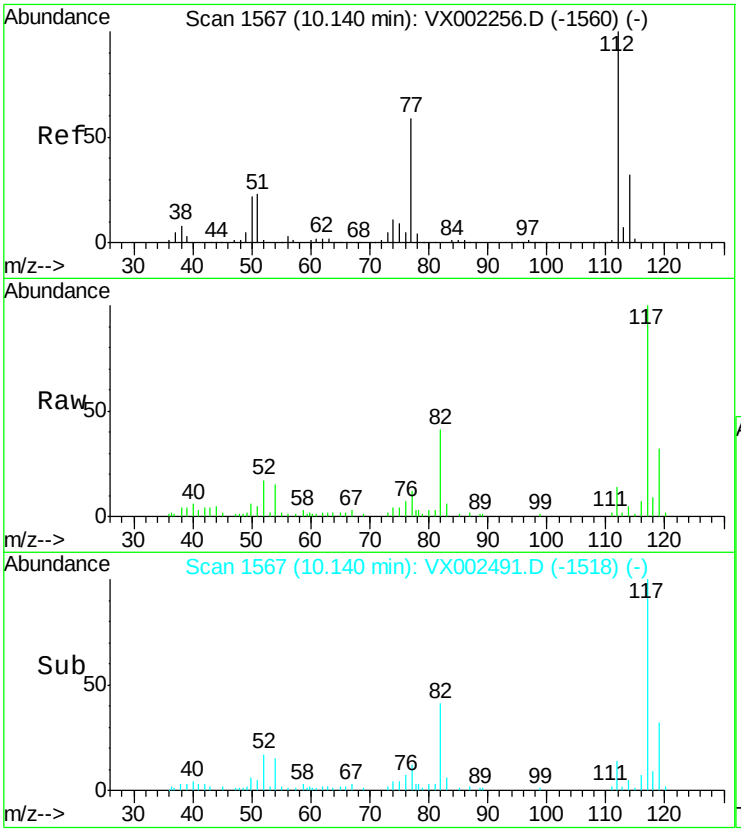


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion:117 Resp: 304535

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.3	25.8	38.6



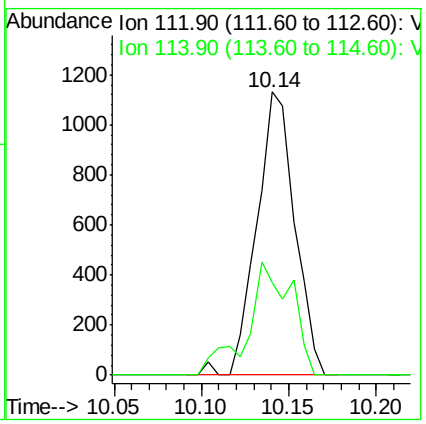


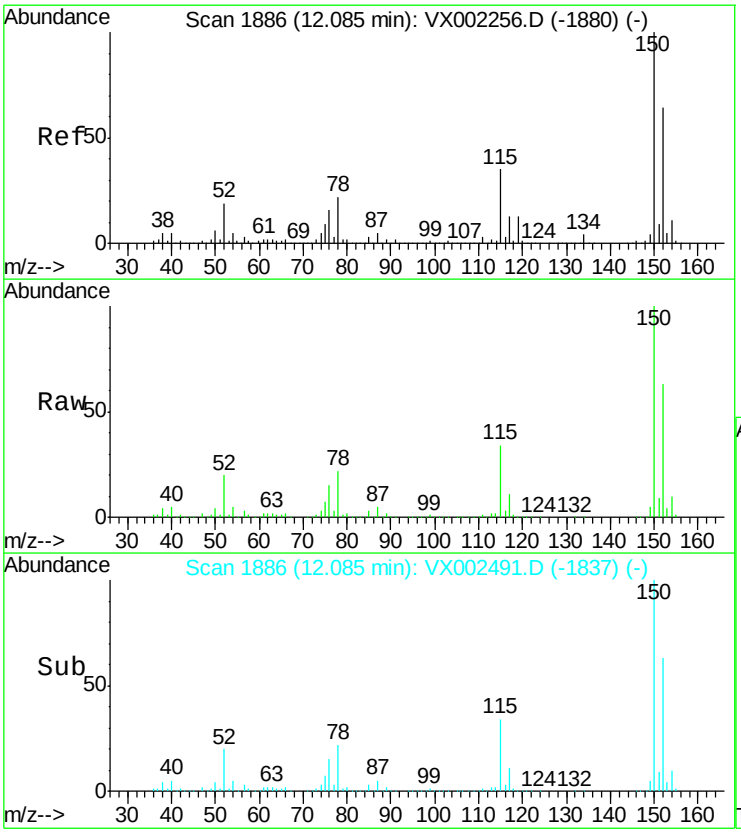
#65
Chlorobenzene
Concen: 0.23 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 1716

Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.3	37.9

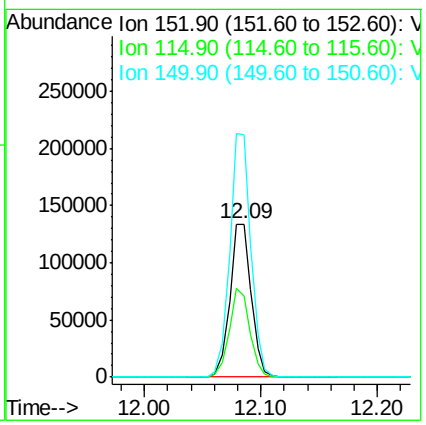


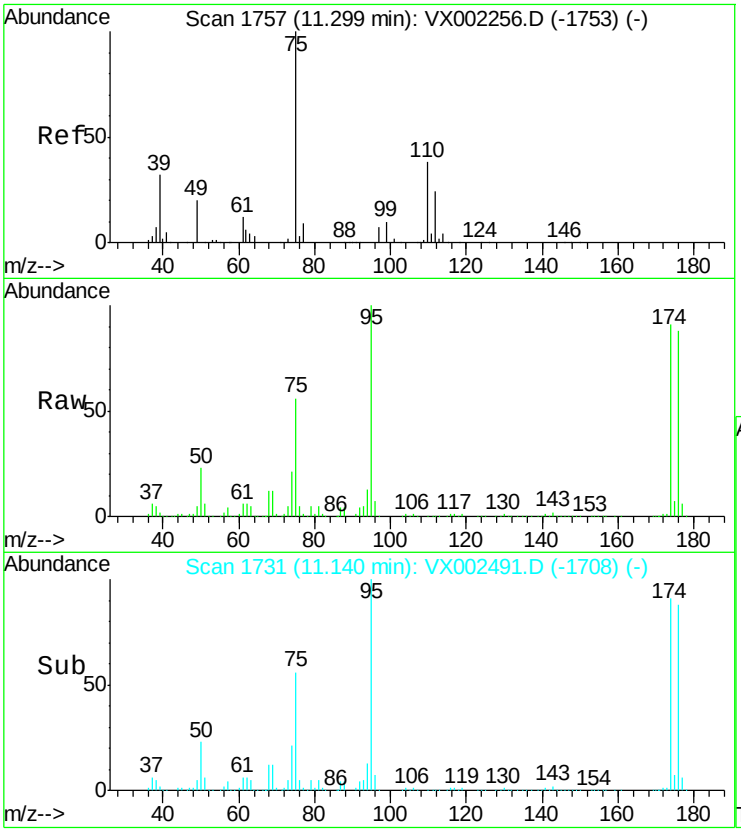


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion:152 Resp: 170114

Ion	Ratio	Lower	Upper
152	100		
115	55.8	40.1	120.2
150	157.3	0.0	347.2



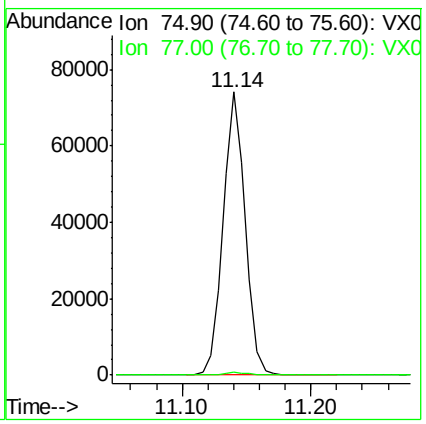


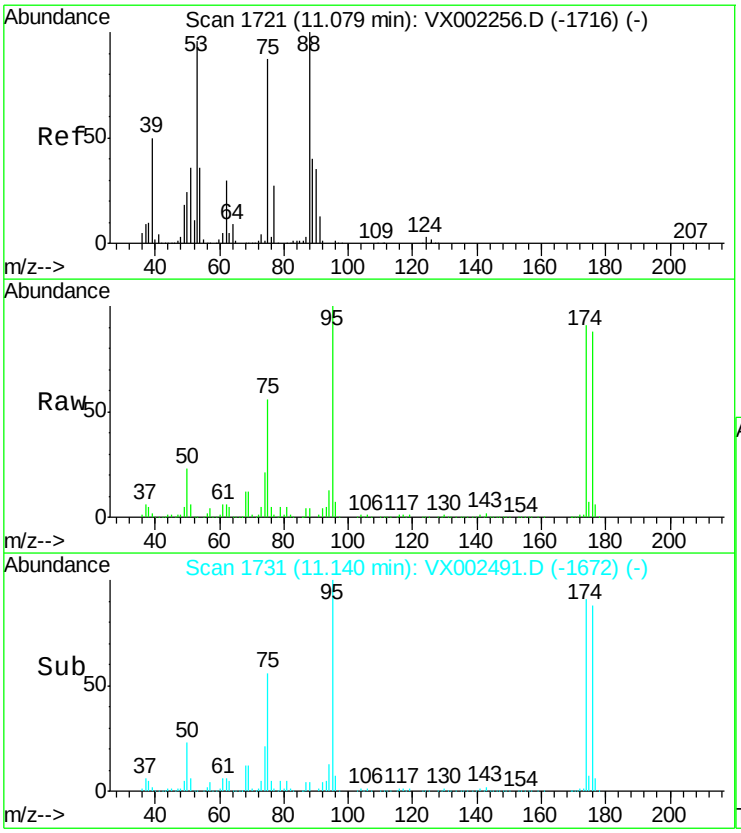
#76
1,2,3-Trichloropropane
Concen: 23.97 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 89467

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002491.D
Acq: 13 Jun 2018 03:04

Tgt Ion: 75 Resp: 89467

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