Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061418\
Data File : VX002560.D
Acq On : 14 Jun 2018 18:59
Operator : JC/MD
Sample : PB110227ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 15 01:35:08 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	249136	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	357715	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	328212	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178319	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	169651	47.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.88%				
35) Dibromofluoromethane	5.51	113	129379	45.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.98%				
50) Toluene-d8	8.72	98	515268	47.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.58%				
62) 4-Bromofluorobenzene	11.14	95	177198	42.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.24%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	821	Below Cal		#	79
5) Bromomethane	1.65	94	1845	Below Cal			88
8) Diethyl Ether	2.17	74	507	Below Cal			66
10) Methyl Iodide	2.53	142	1863	0.49	ug/l	#	96
11) Tert butyl alcohol	3.02	59	4736	Below Cal		#	78
13) Acrolein	2.30	56	152	Below Cal		#	1
15) Acrylonitrile	3.16	53	358	Below Cal		#	1
16) Acetone	2.45	43	26408	Below Cal			98
17) Carbon Disulfide	2.57	76	1558	0.22	ug/l		98
18) Methyl Acetate	2.78	43	23855	4.21	ug/l		98
19) Methyl tert-butyl Ether	3.22	73	226	Below Cal			97
20) Methylene Chloride	2.86	84	6381	Below Cal			93
22) Diisopropyl ether	3.84	45	144	Below Cal		#	51
25) 2-Butanone	4.71	43	8292	3.39	ug/l	#	88
28) Bromochloromethane	5.01	49	183	Below Cal		#	26
29) Tetrahydrofuran	5.18	42	1834	1.16	ug/l	#	60
36) 1,1-Dichloropropene	5.66	75	17598	4.68	ug/l	#	41
37) Ethyl Acetate	4.71	43	8292	1.83	ug/l	#	70
38) Carbon Tetrachloride	5.67	117	22985	5.84	ug/l	#	15
39) Methylcyclohexane	7.46	83	841	0.44	ug/l	#	81
49) 1,4-Dioxane	7.79	88	19	0.26	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	6271	1.31	ug/l		96
65) Chlorobenzene	10.14	112	3397	0.42	ug/l		92
68) m/p-Xylenes	10.37	106	1463	0.28	ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	95867	24.50	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	95867	85.88	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	4149	0.38	ug/l		92
87) 1,3-Dichlorobenzene	12.02	146	1289	0.21	ug/l		99
88) 1,4-Dichlorobenzene	12.02	146	1289	0.20	ug/l		99
89) n-Butylbenzene	12.40	91	1878	0.20	ug/l	#	85
93) 1,2,4-Trichlorobenzene	13.65	180	1304	0.29	ug/l		90
96) 1,2,3-Trichlorobenzene	14.03	180	1041	0.23	ug/l		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002560.D
Acq On : 14 Jun 2018 18:59
Operator : JC/MD
Sample : PB110227ZHE#04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 01:35:08 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)

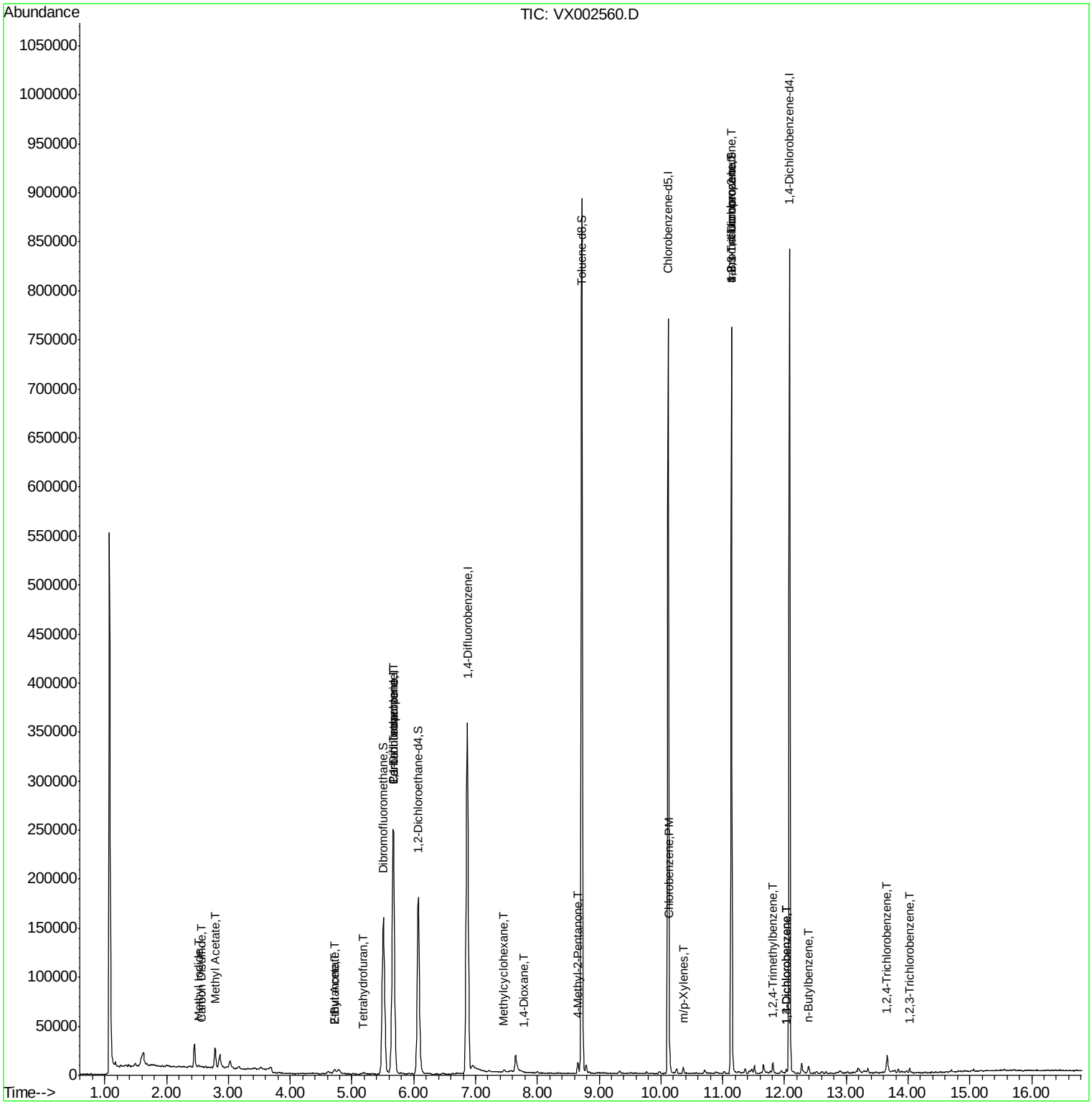
(#) = qualifier out of range (m) = manual integration (+) = signals summed

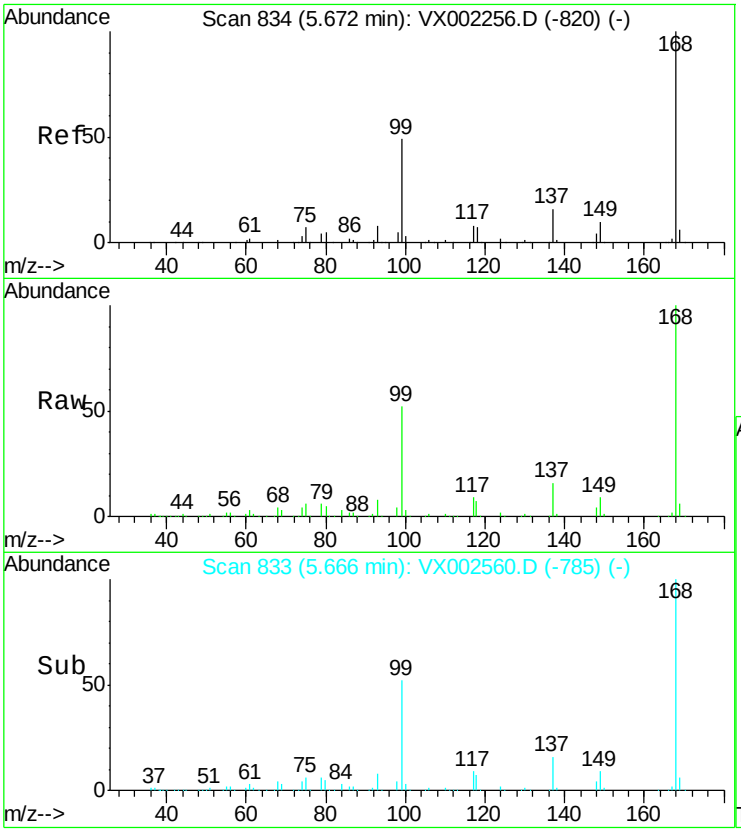
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061418\
Data File : VX002560.D
Acq On : 14 Jun 2018 18:59
Operator : JC/MD
Sample : PB110227ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 01:35:08 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



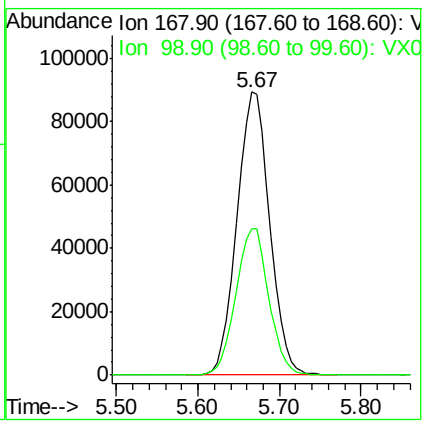


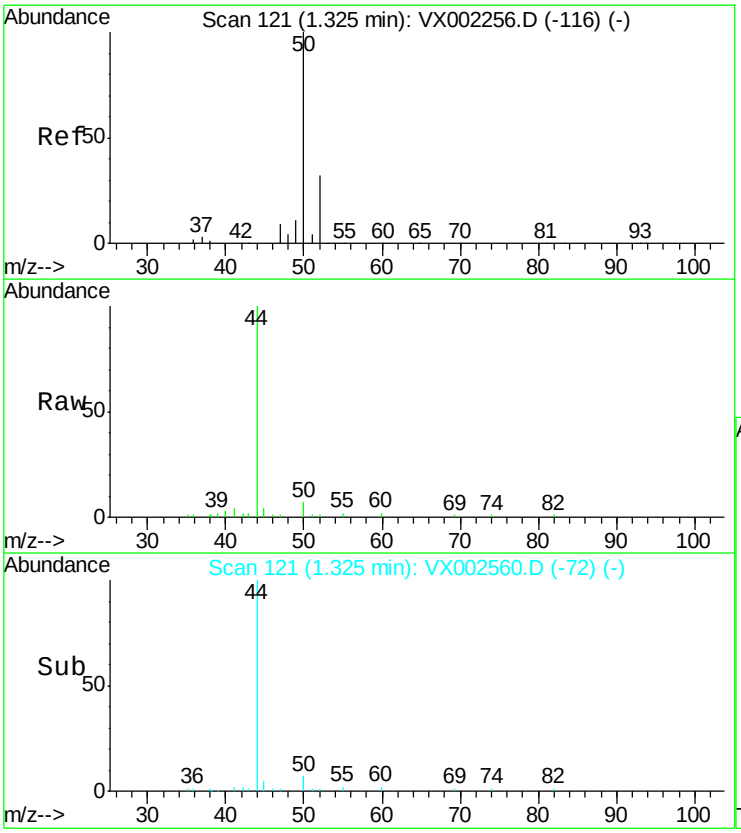
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 249136

Ion	Ratio	Lower	Upper
168	100		
99	51.6	39.3	58.9

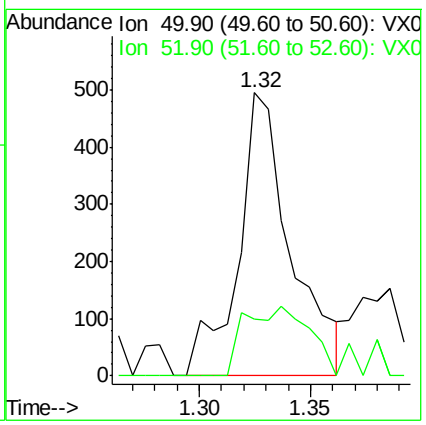


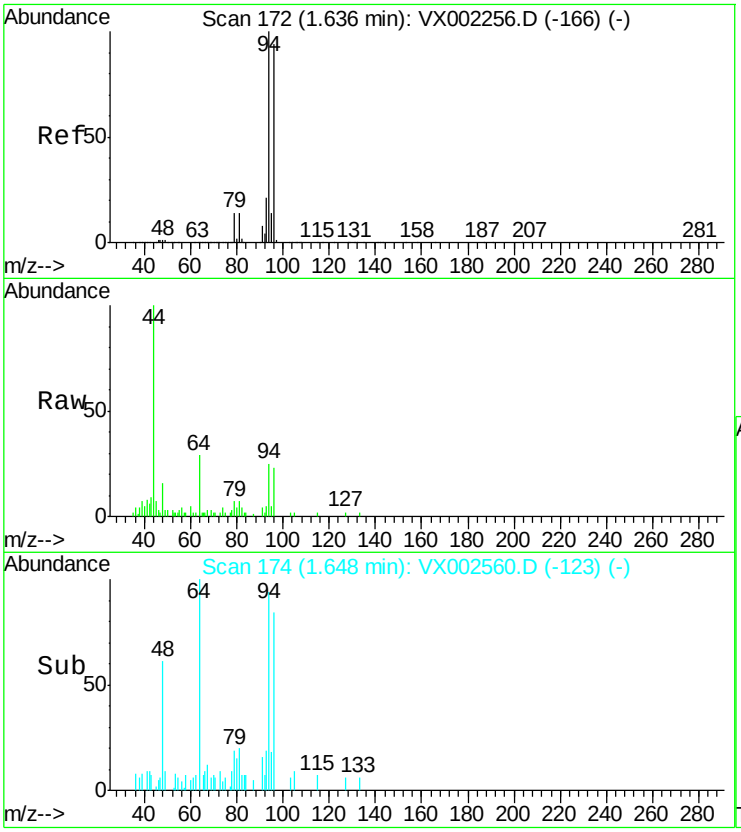


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 50 Resp: 821

Ion	Ratio	Lower	Upper
50	100		
52	20.2	25.7	38.5#



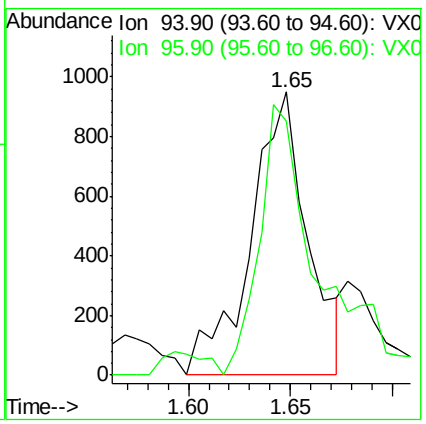


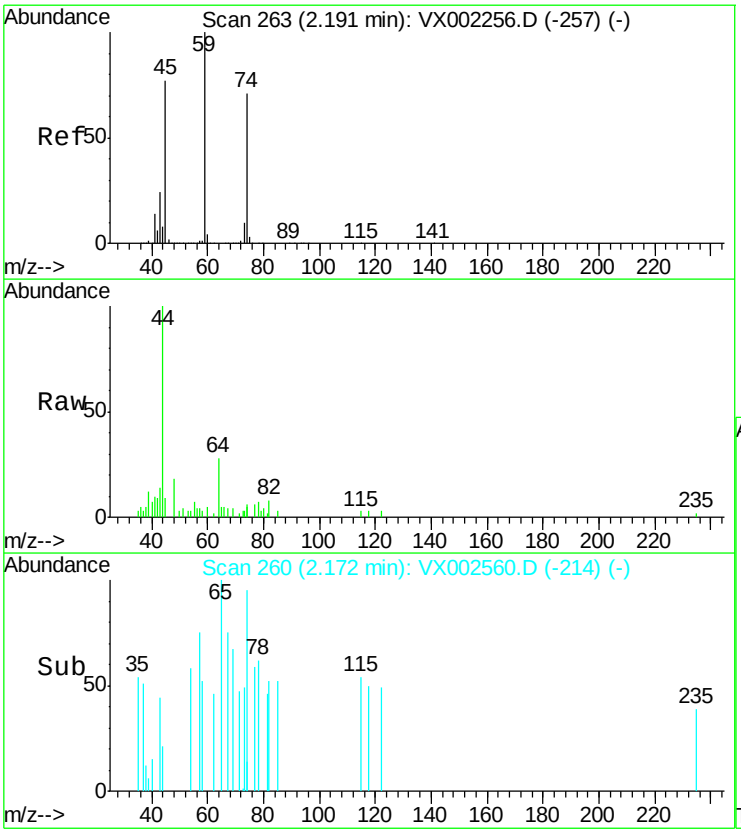
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1845

Ion	Ratio	Lower	Upper
94	100		
96	82.4	74.9	112.3

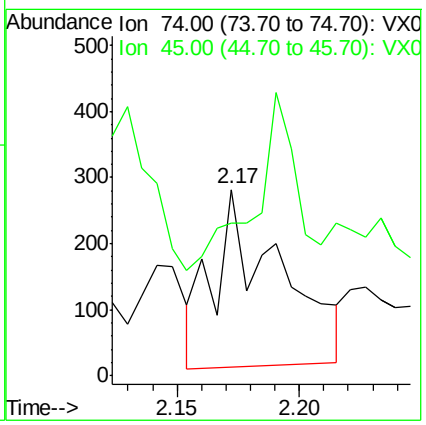


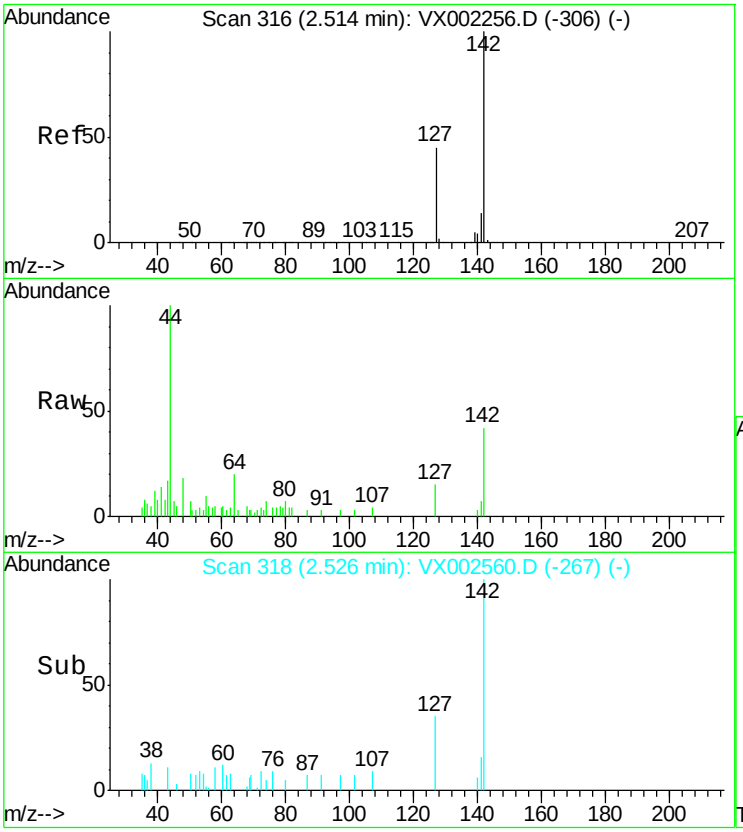


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 260
Delta R.T. -0.02 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 74 Resp: 507

Ion	Ratio	Lower	Upper
74	100		
45	71.0	53.1	159.4



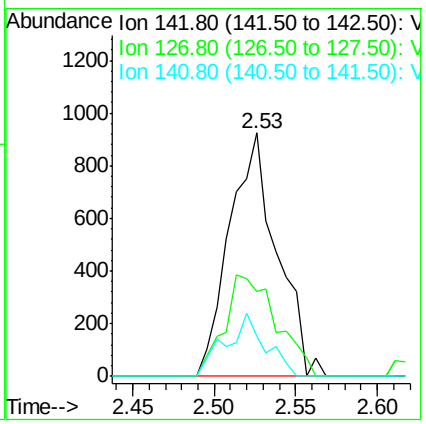


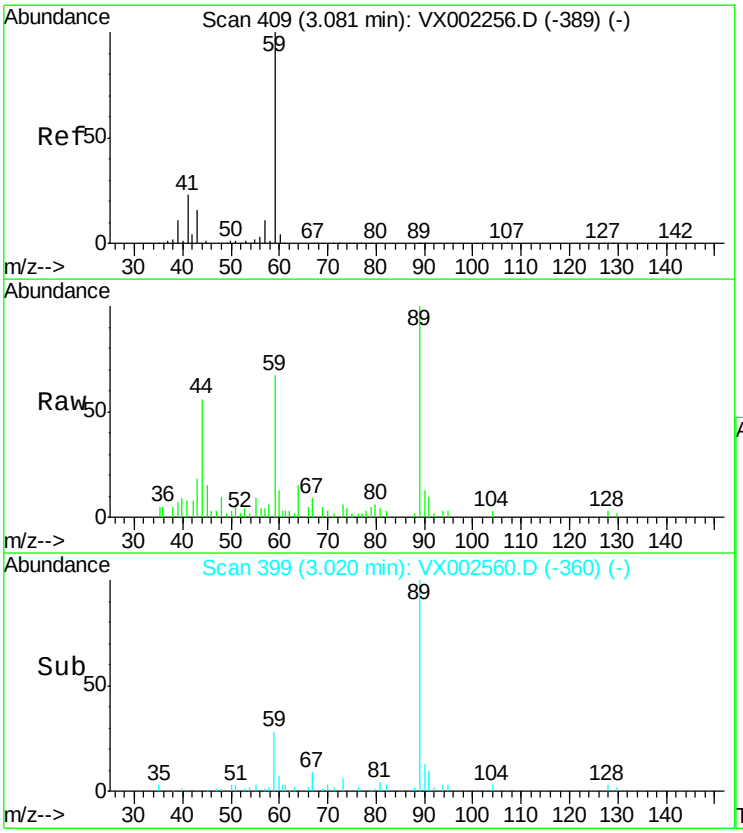
#10
Methyl Iodide
Concen: 0.49 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1863

Ion	Ratio	Lower	Upper
142	100		
127	45.9	36.6	55.0
141	21.5	11.3	16.9#

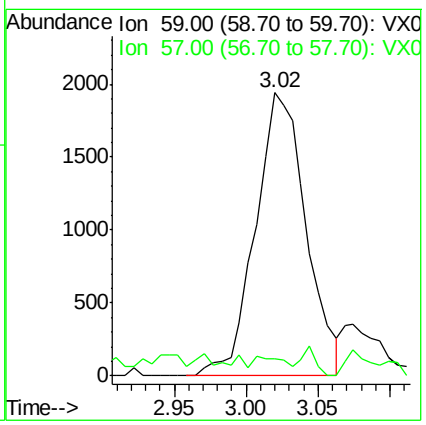


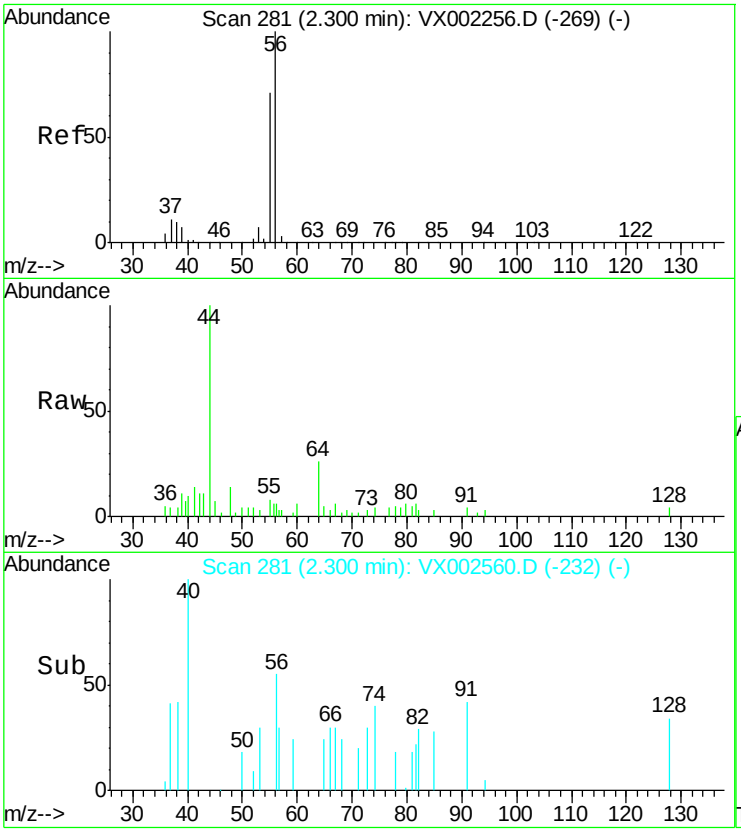


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 59 Resp: 4736

Ion	Ratio	Lower	Upper
59	100		
57	2.0	8.2	12.2#



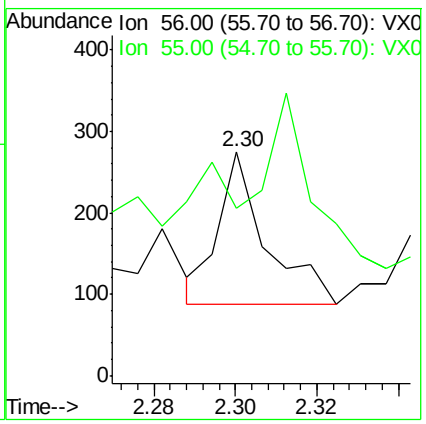


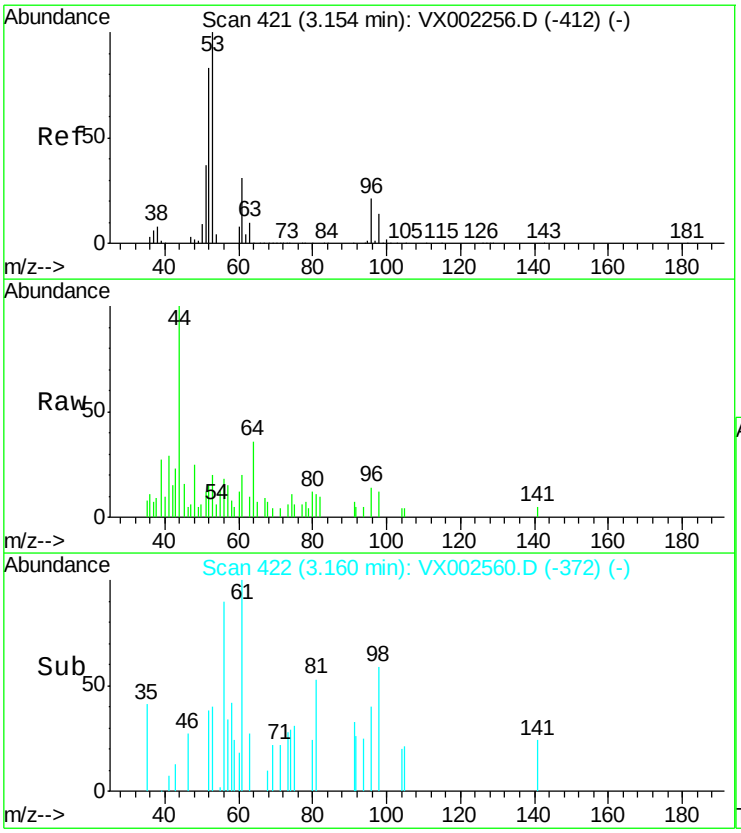
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 152

Ion	Ratio	Lower	Upper
56	100		
55	182.2	57.0	85.4#

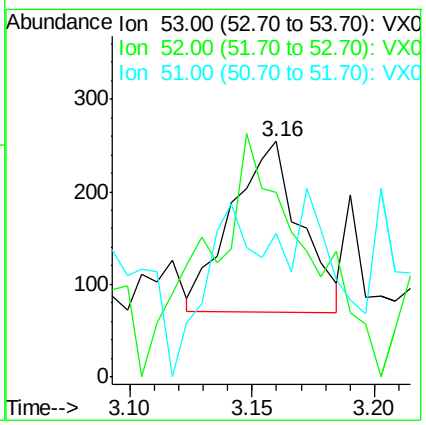


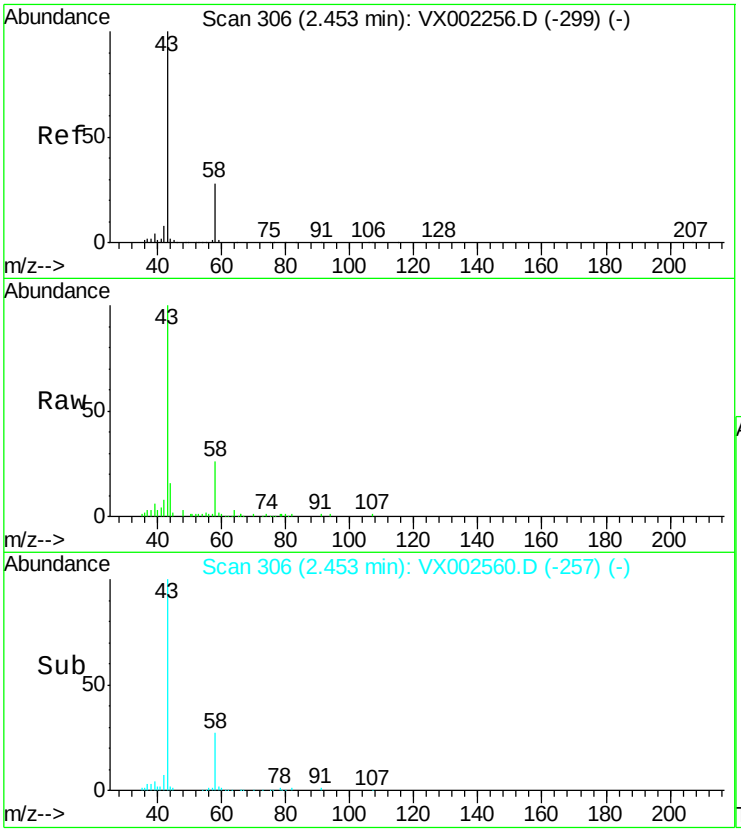


#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 53 Resp: 358

Ion	Ratio	Lower	Upper
53	100		
52	205.6	66.7	100.1#
51	76.8	29.9	44.9#



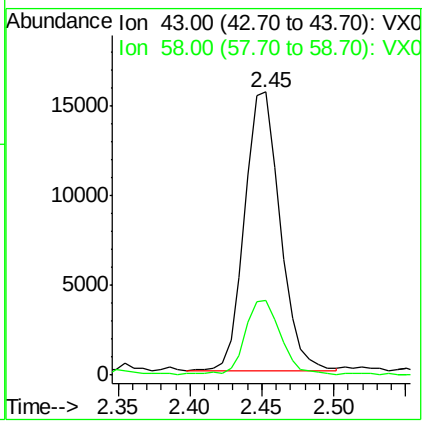


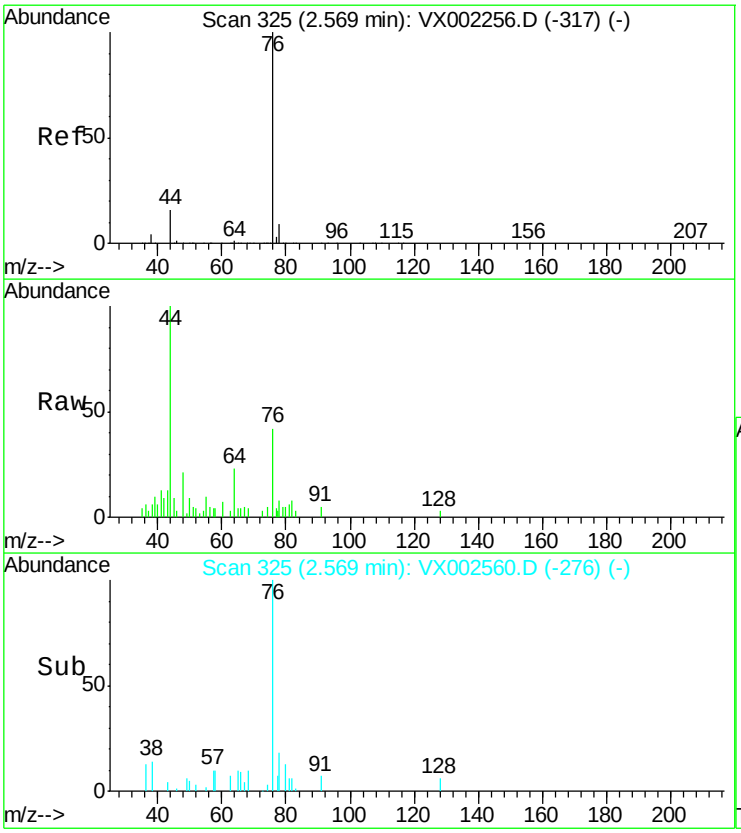
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 26408

Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.1	33.1

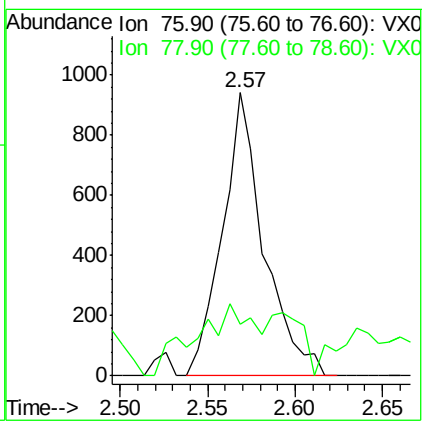


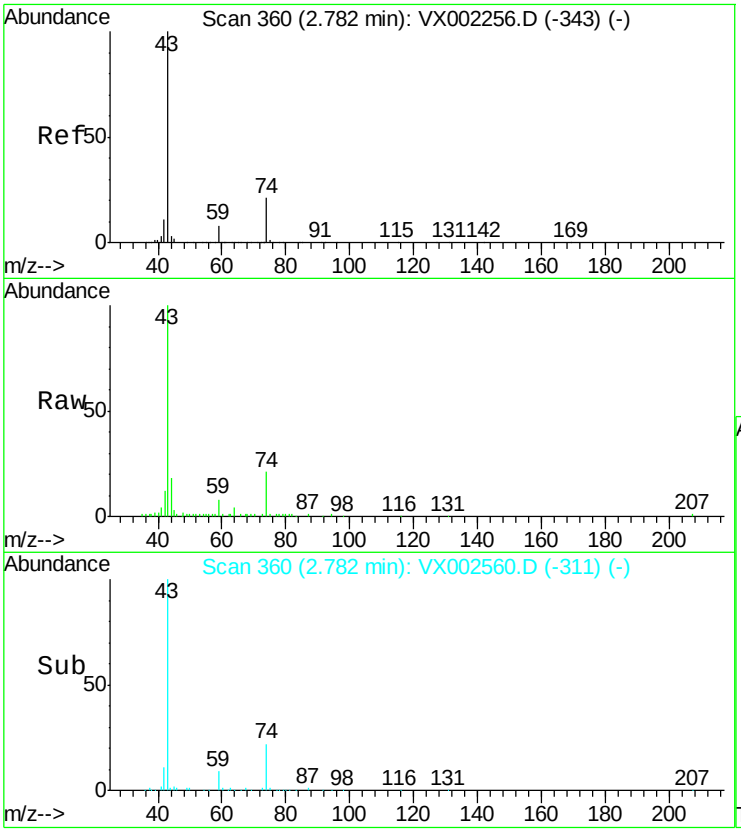


#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 76 Resp: 1558

Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3



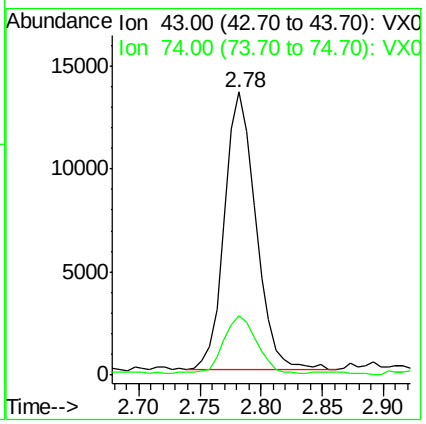


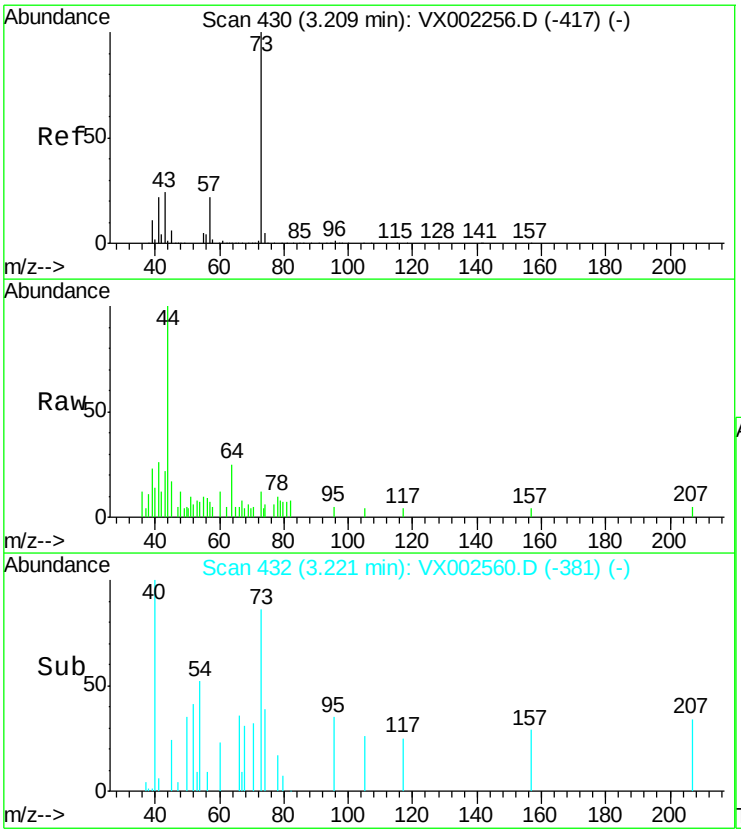
#18
Methyl Acetate
Concen: 4.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 23855

Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.7	25.1

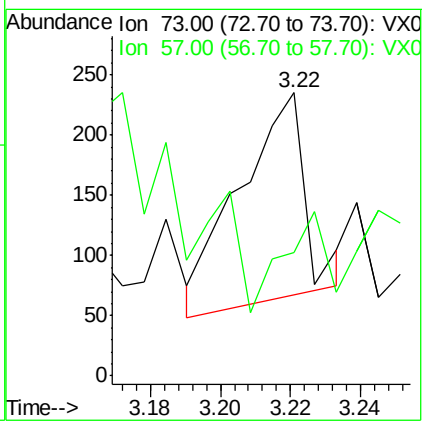


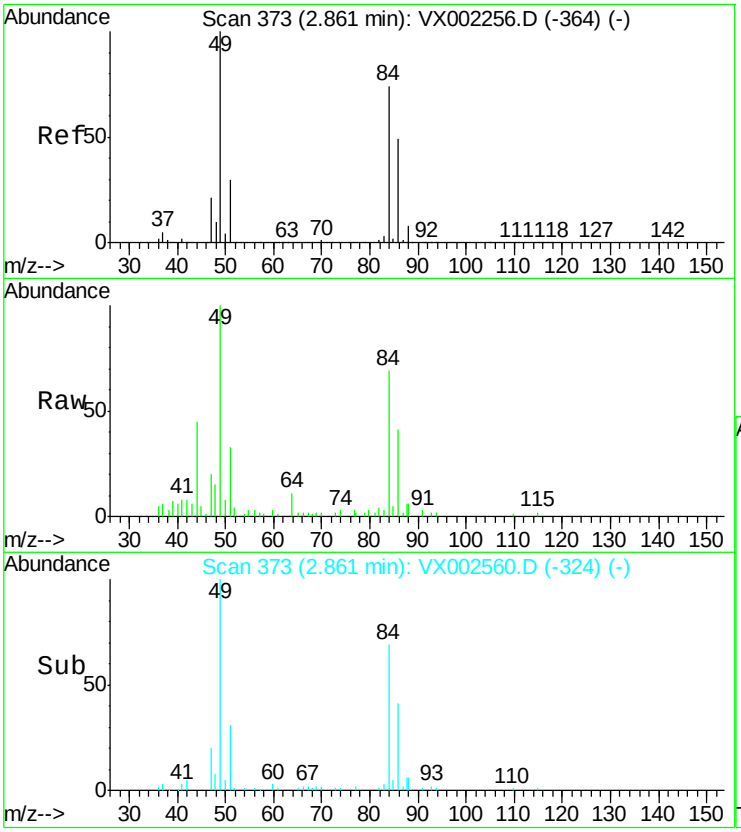


#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 73 Resp: 226

Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.7	26.5



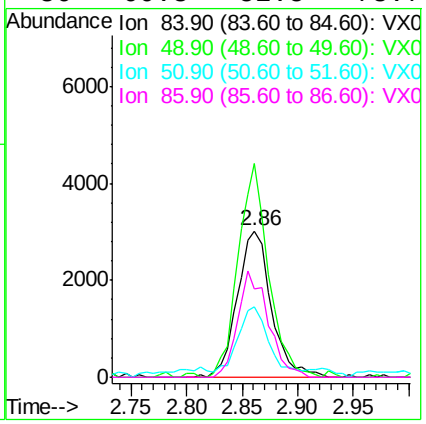


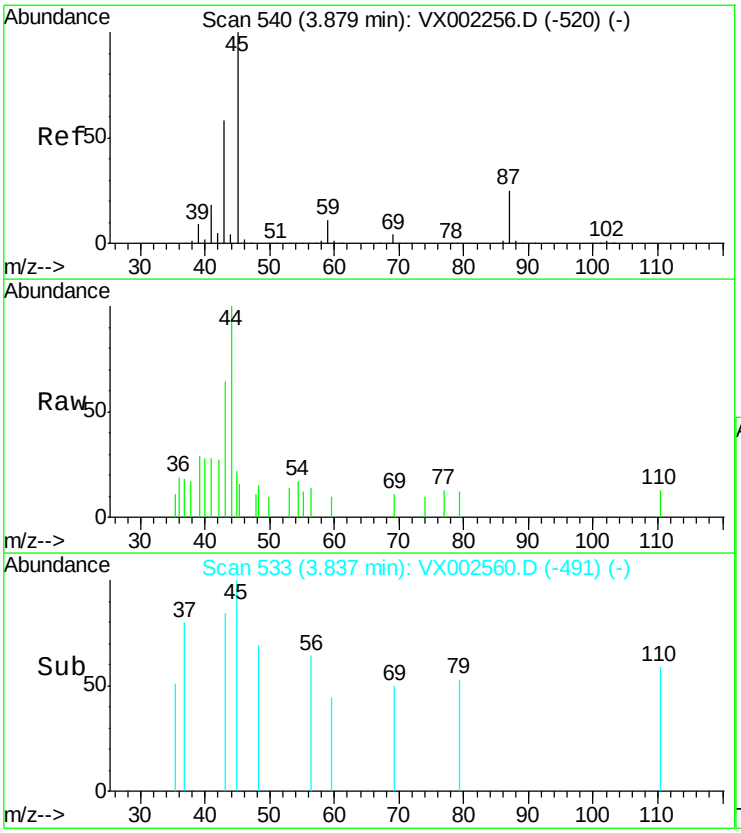
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 6381

Ion	Ratio	Lower	Upper
84	100		
49	144.0	107.8	161.6
51	45.5	32.8	49.2
86	60.3	52.5	78.7

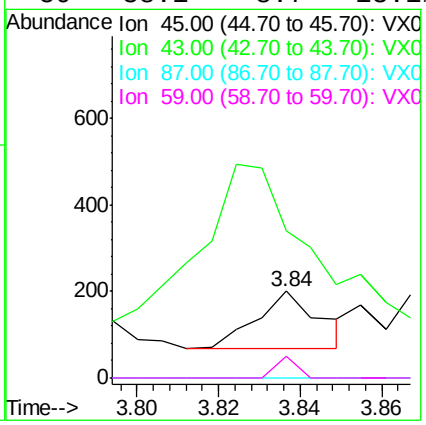


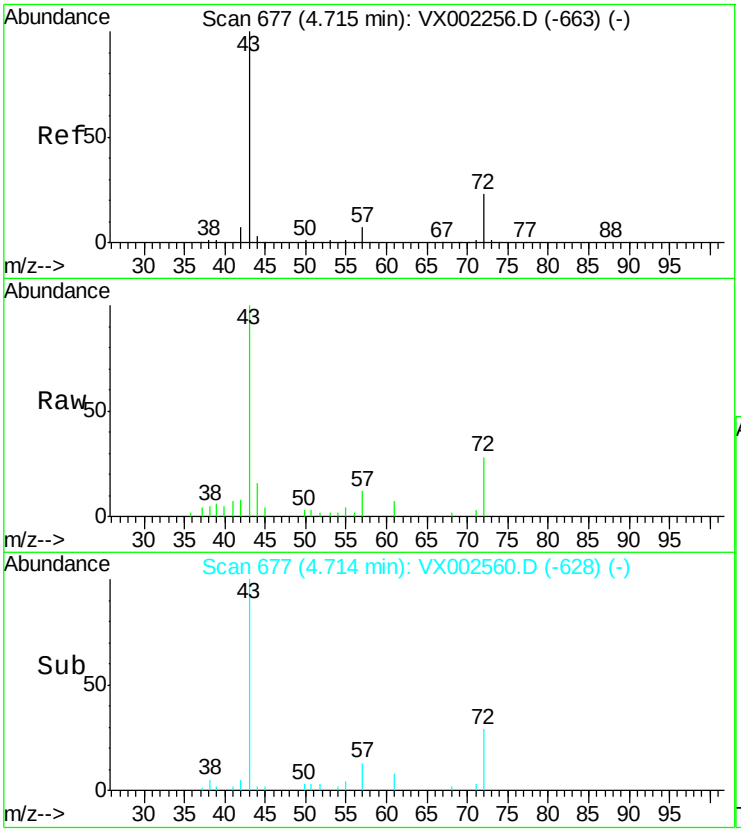


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.84 min Scan# 533
Delta R.T. -0.04 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 45 Resp: 144

Ion	Ratio	Lower	Upper
45	100		
43	91.8	46.8	70.2#
87	0.0	20.2	30.4#
59	38.1	8.7	13.1#



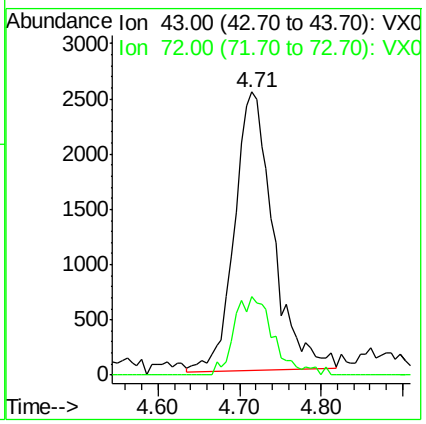


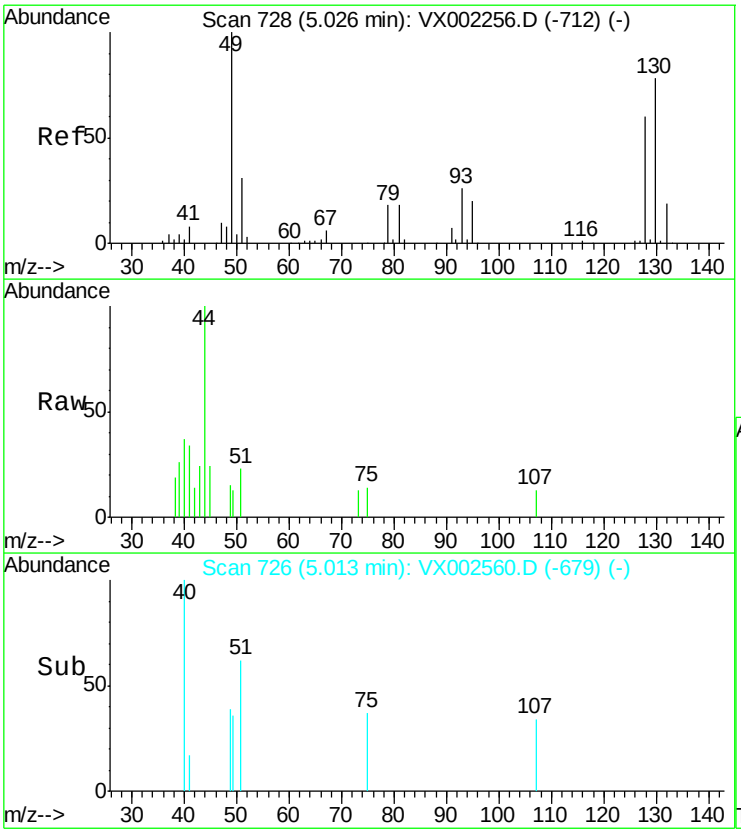
#25
2-Butanone
Concen: 3.39 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 8292

Ion	Ratio	Lower	Upper
43	100		
72	28.7	18.5	27.7#

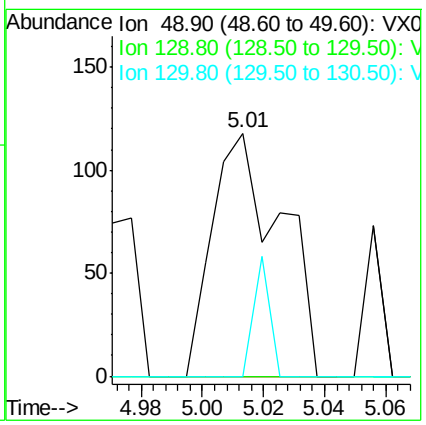


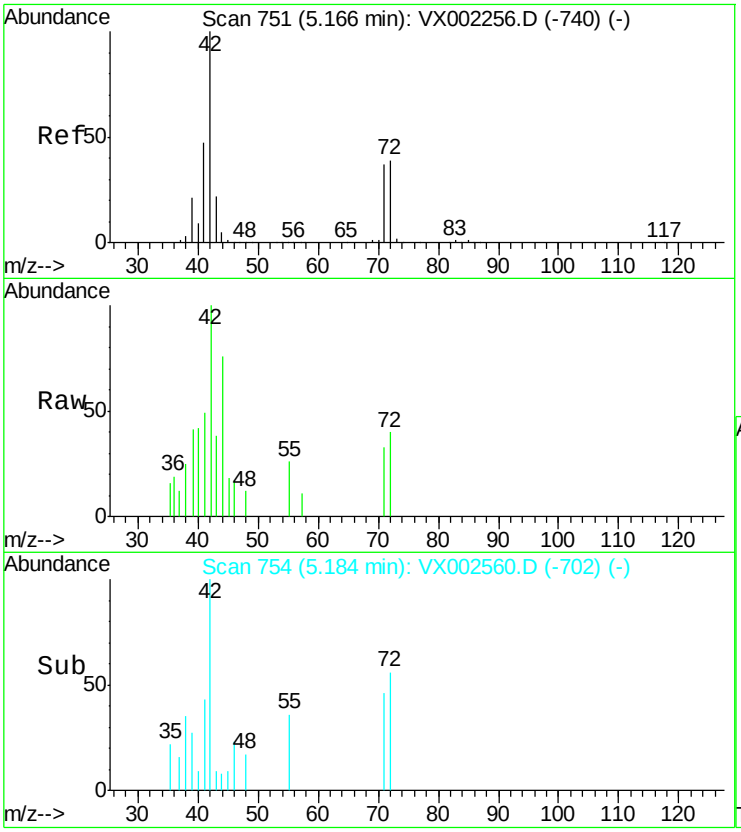


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 49 Resp: 183

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	11.5	61.2	91.8#



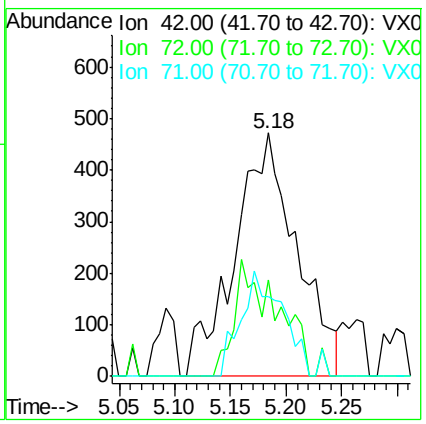


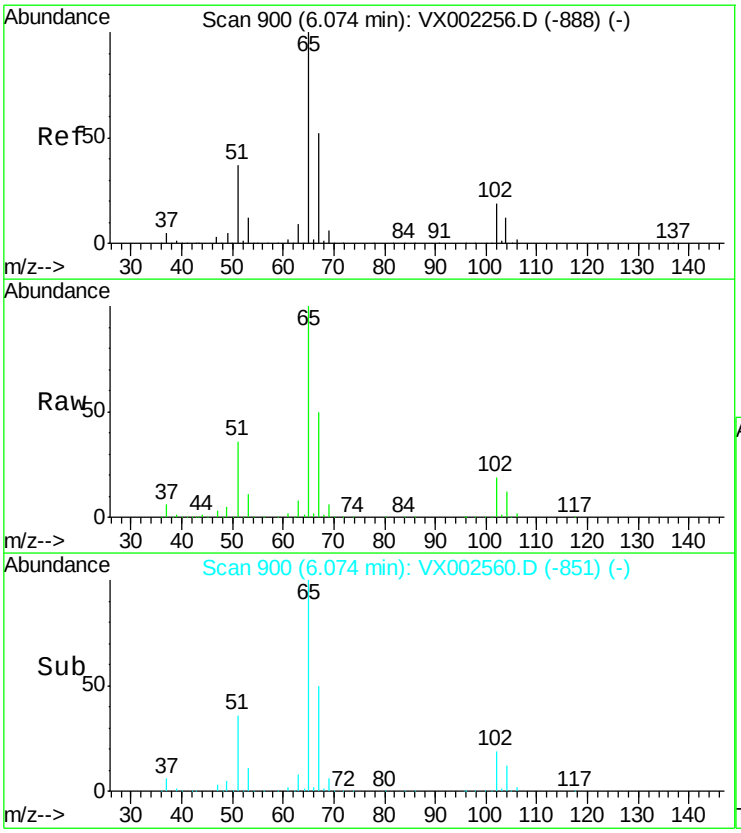
#29
Tetrahydrofuran
Concen: 1.16 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1834

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	28.9	30.1	45.1#

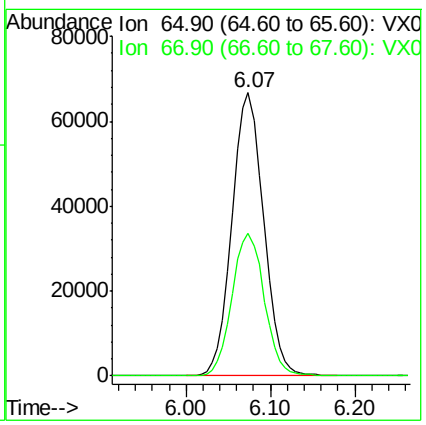


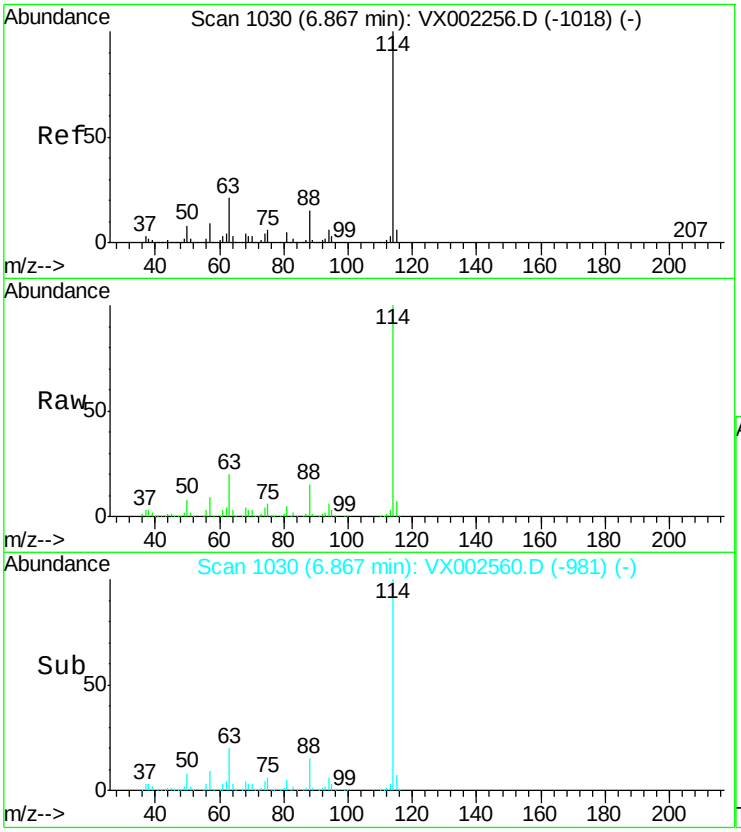


#33
1,2-Dichloroethane-d4
Concen: 47.44 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 65 Resp: 169651

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6



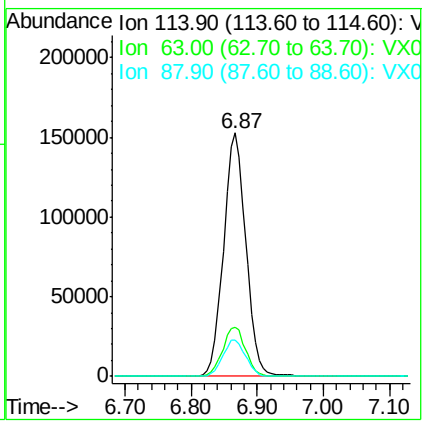


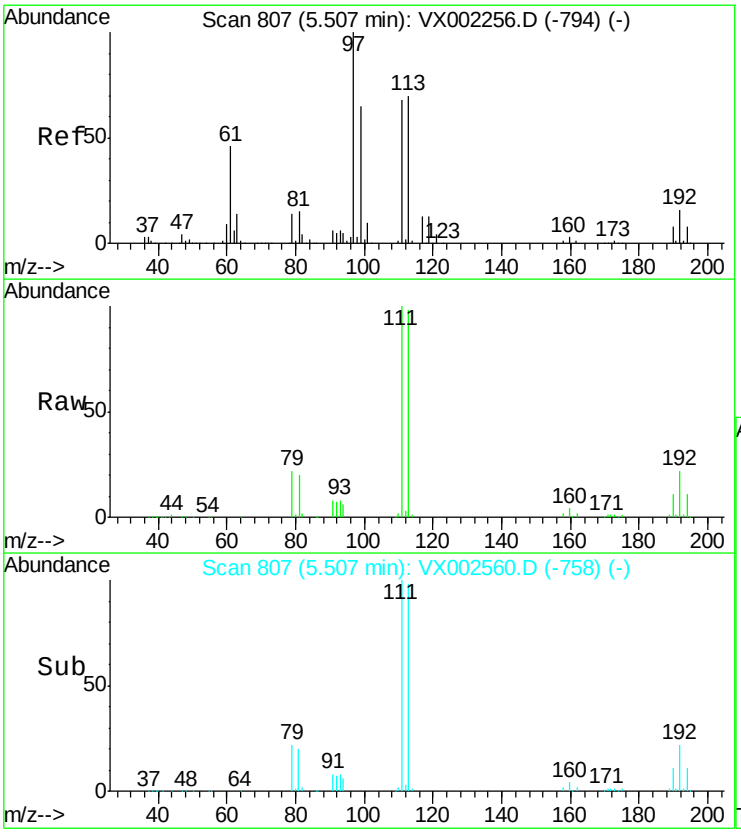
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 357715

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	14.8	0.0	30.0

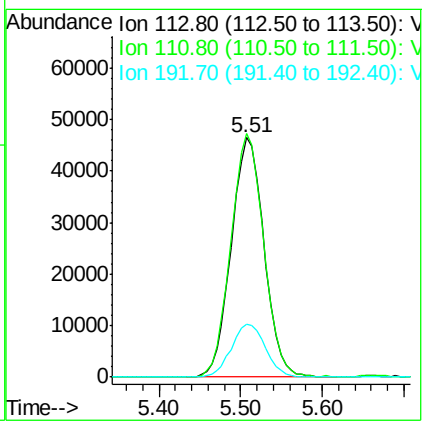


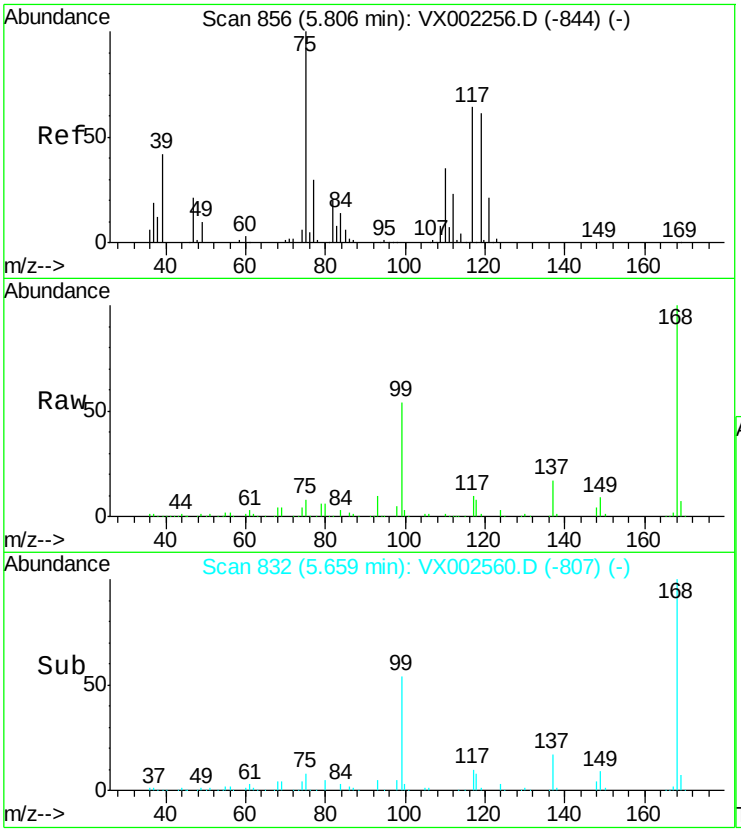


#35
Dibromofluoromethane
Concen: 45.99 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion:113 Resp: 129379

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	23.1	19.1	28.7



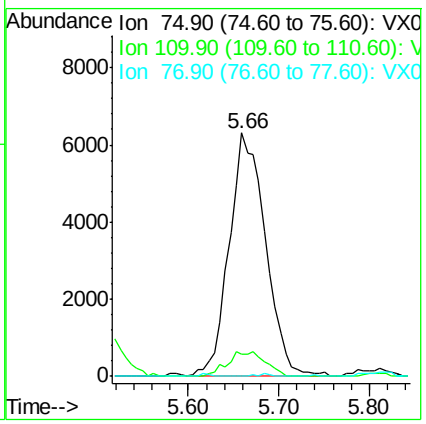


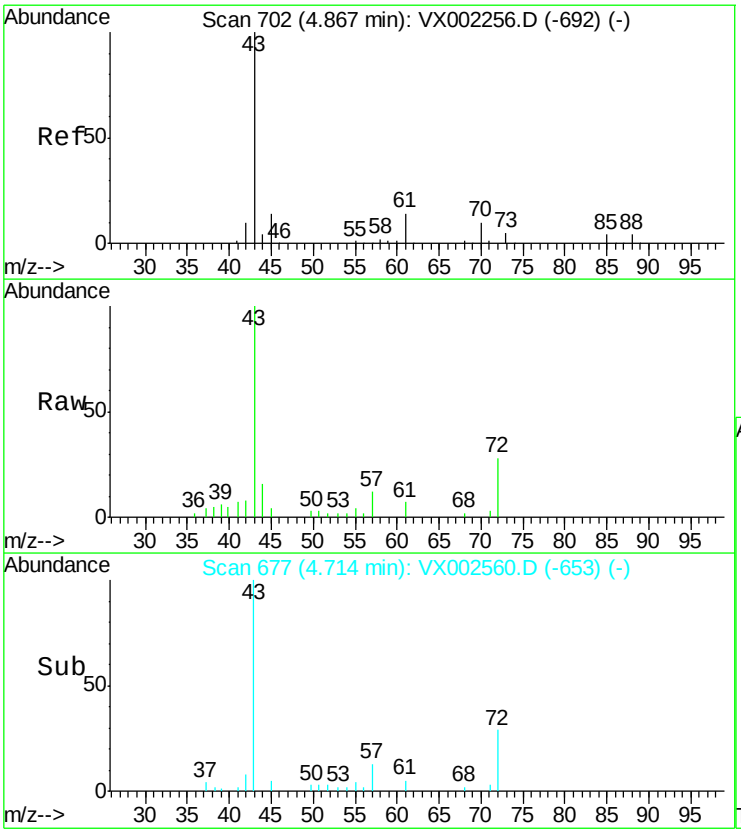
#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.15 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 17598

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

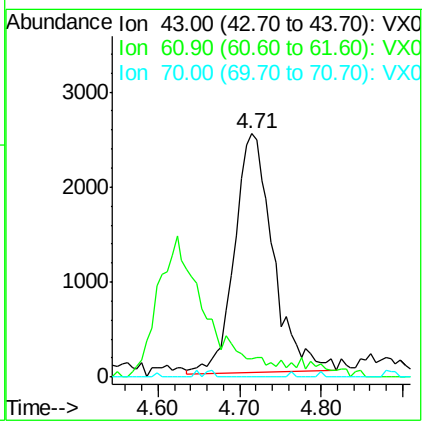


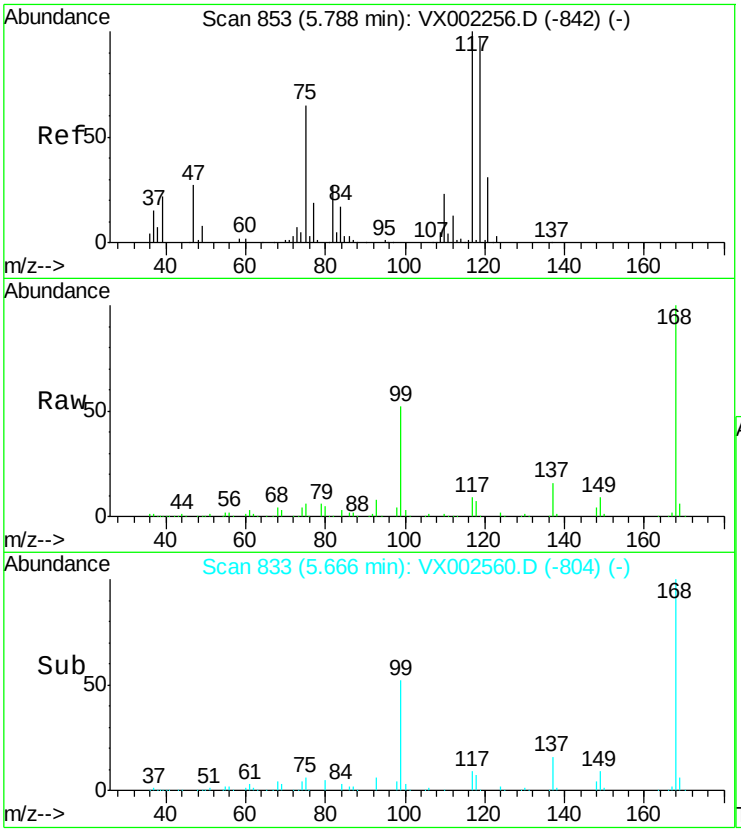


#37
Ethyl Acetate
Concen: 1.83 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 43 Resp: 8292

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.6	11.4#



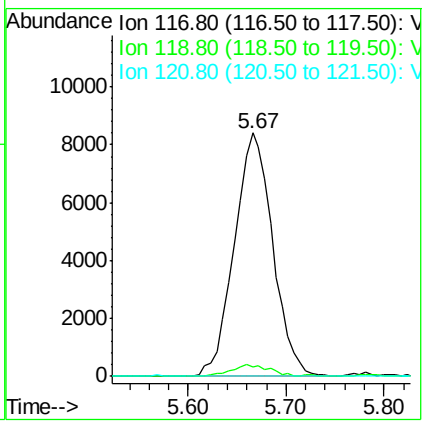


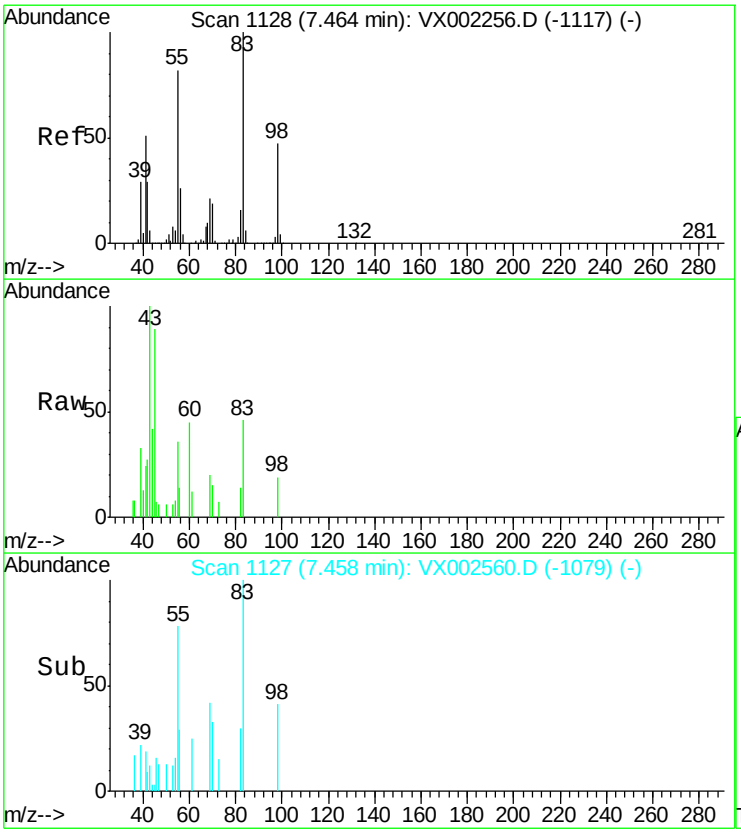
#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22985

Ion	Ratio	Lower	Upper
117	100		
119	3.7	77.4	116.0#
121	0.0	24.4	36.6#

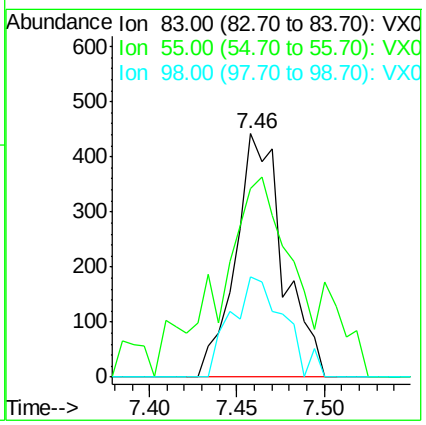


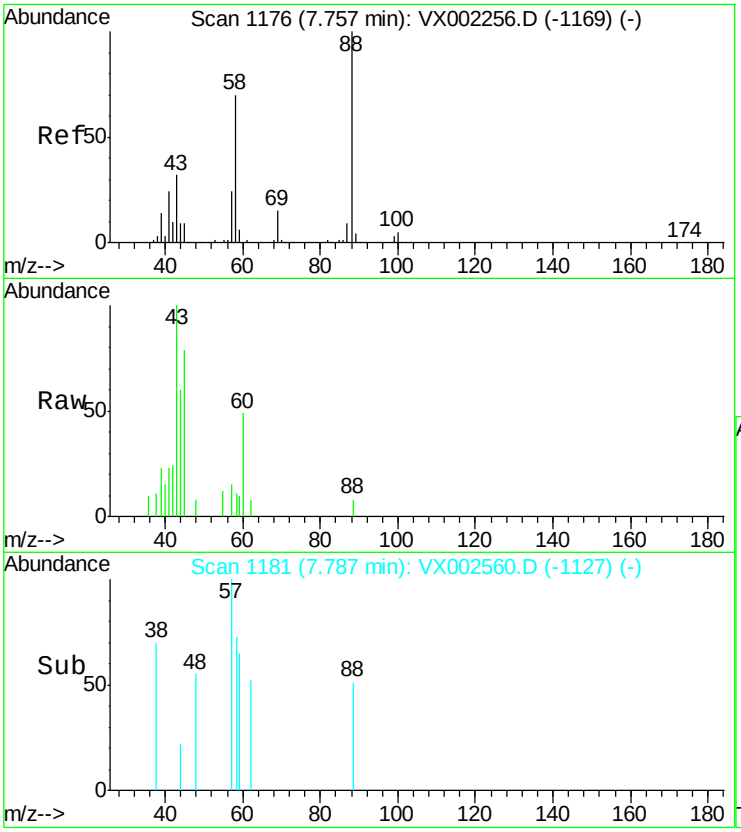


#39
Methylcyclohexane
Concen: 0.44 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 83 Resp: 841

Ion	Ratio	Lower	Upper
83	100		
55	59.7	65.4	98.0#
98	41.2	37.4	56.0



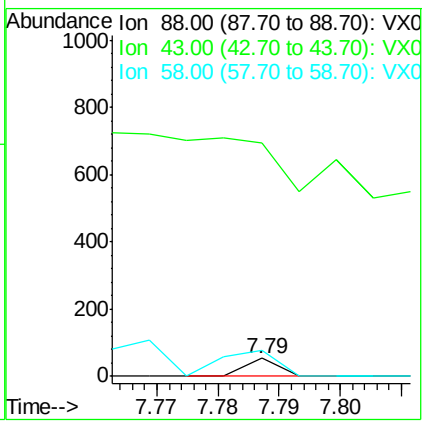


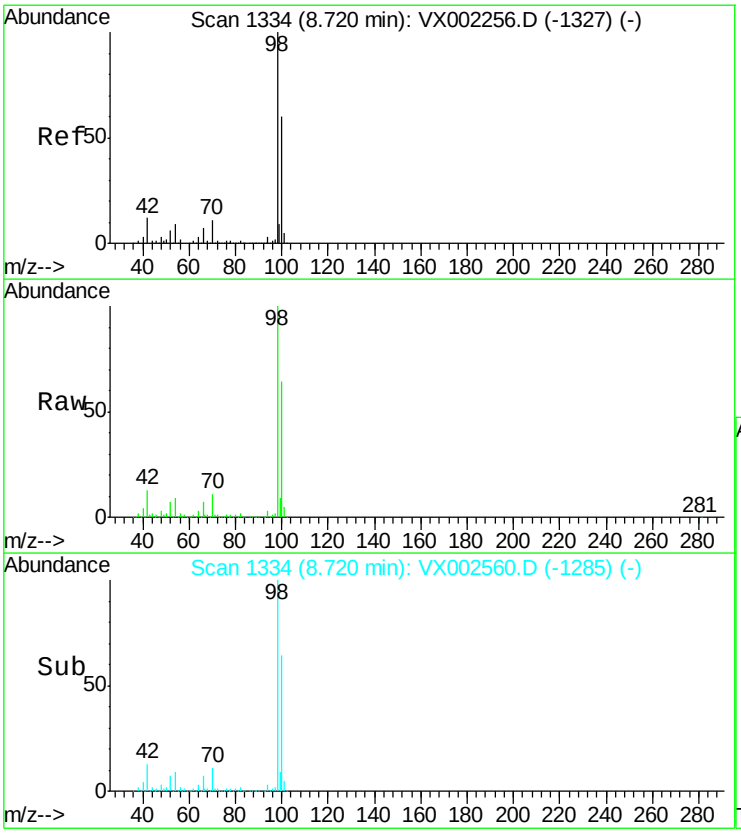
#49
1,4-Dioxane
Concen: 0.26 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.03 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	478.9	57.1	85.7#

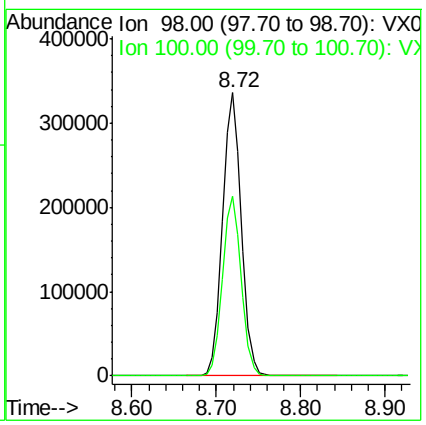


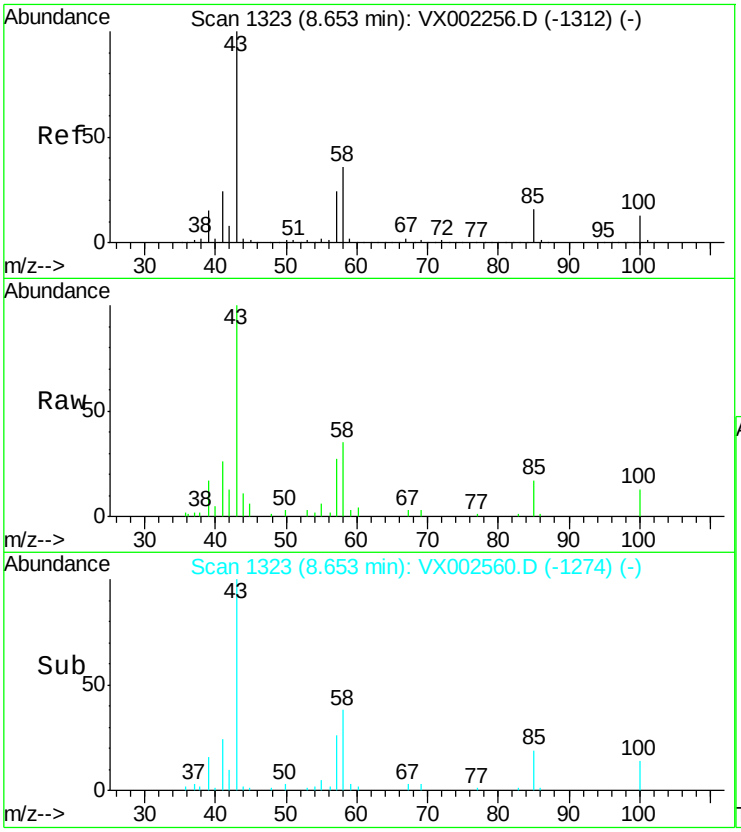


#50
Toluene-d8
Concen: 47.79 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 98 Resp: 515268

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3



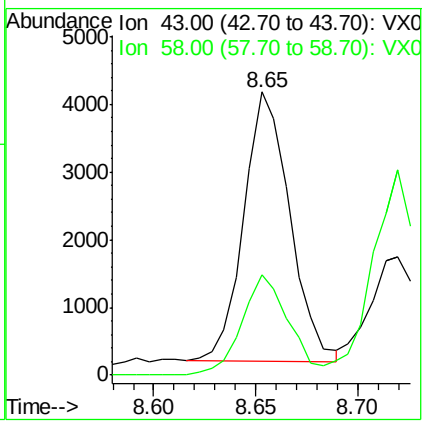


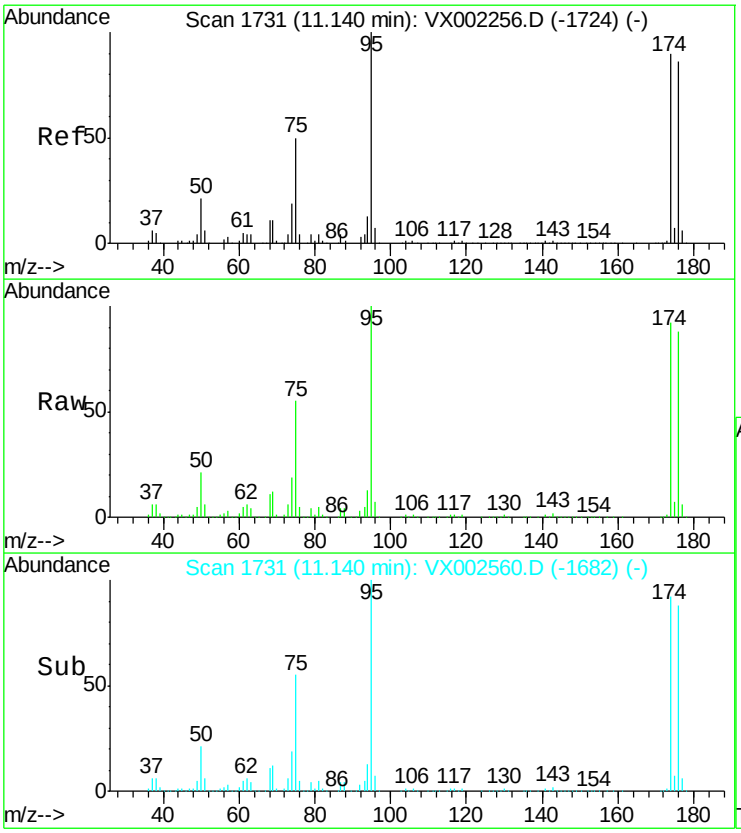
#51
4-Methyl-2-Pentanone
Concen: 1.31 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6271

Ion	Ratio	Lower	Upper
43	100		
58	37.8	28.6	42.8

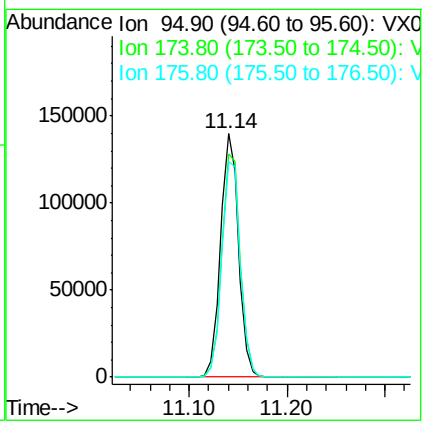


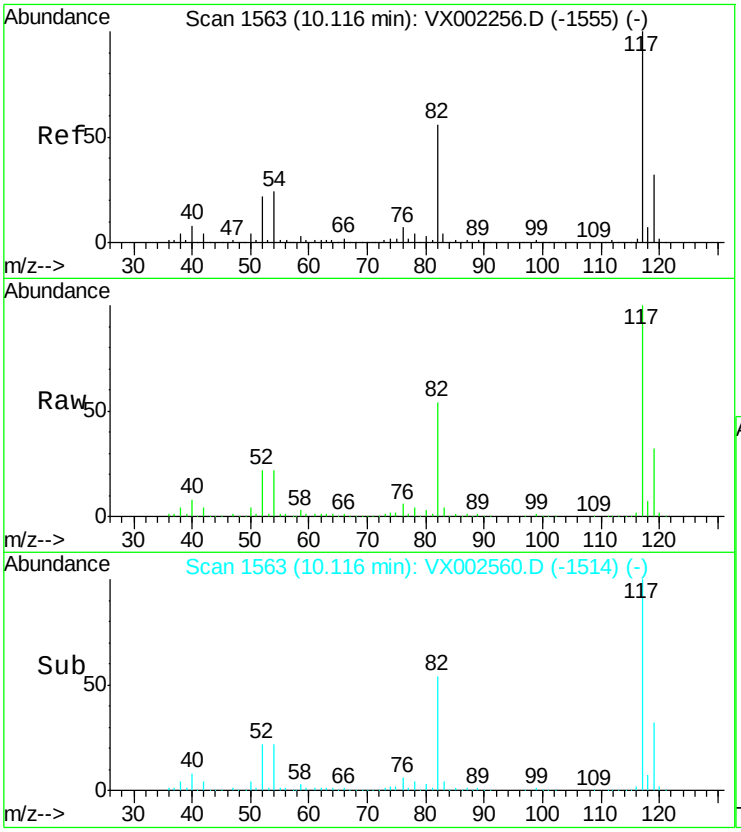


#62
4-Bromofluorobenzene
Concen: 42.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 95 Resp: 177198

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	187.4
176	91.7	0.0	181.0



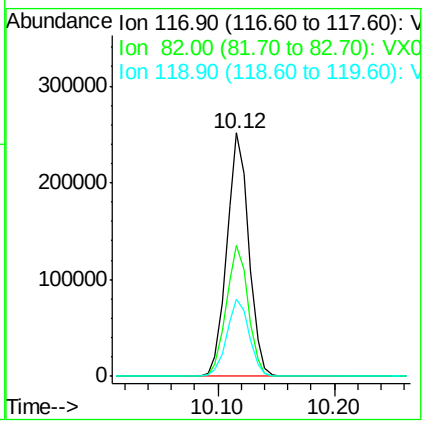


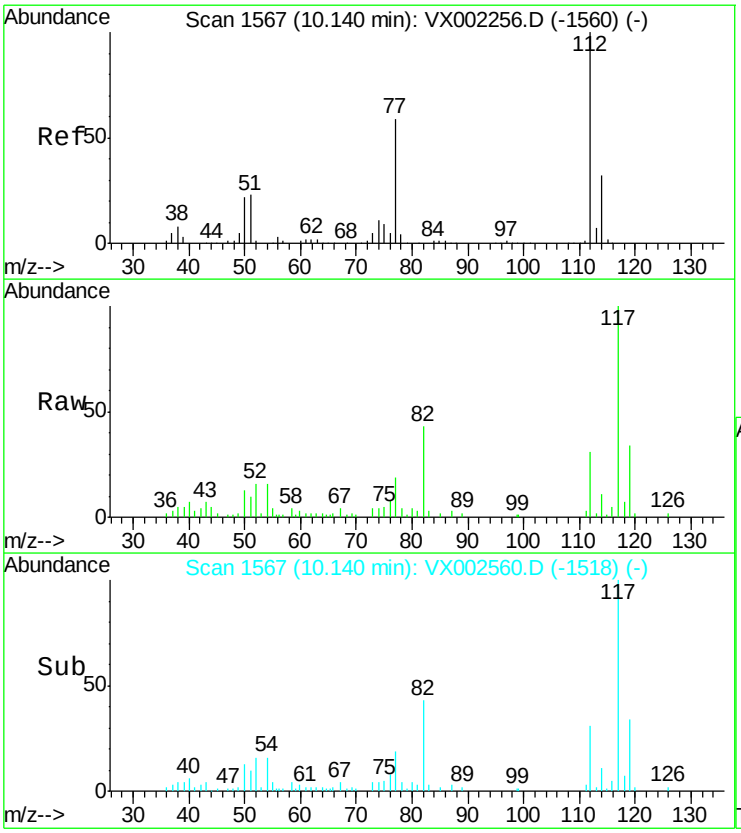
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 328212

Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.4
119	31.5	25.8	38.6

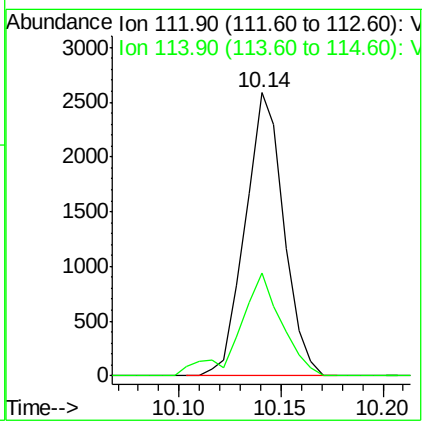


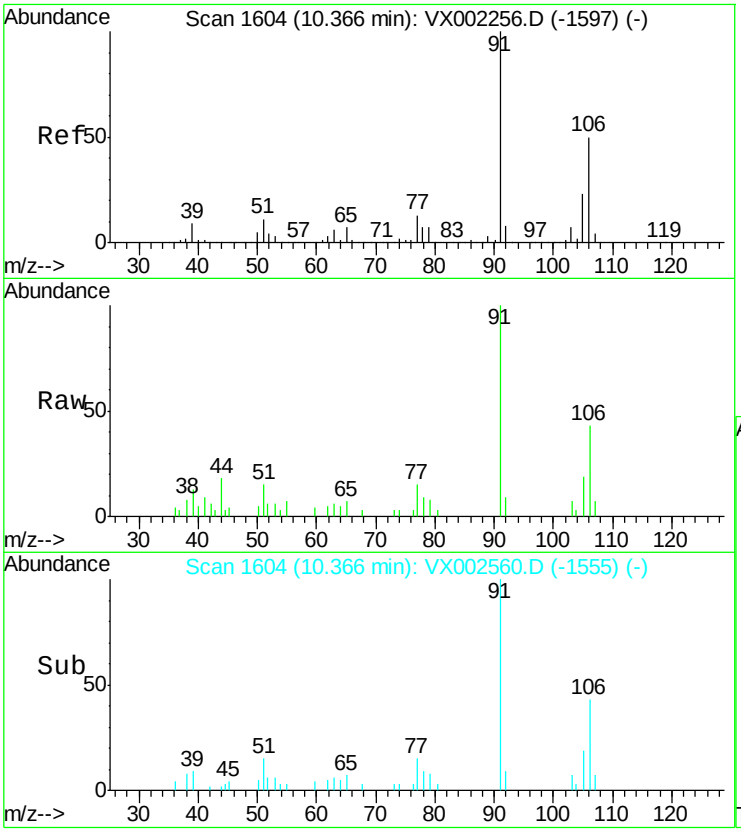


#65
Chlorobenzene
Concen: 0.42 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion:112 Resp: 3397

Ion	Ratio	Lower	Upper
112	100		
114	36.1	25.3	37.9



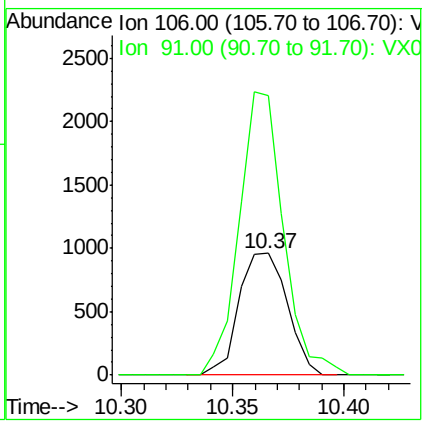


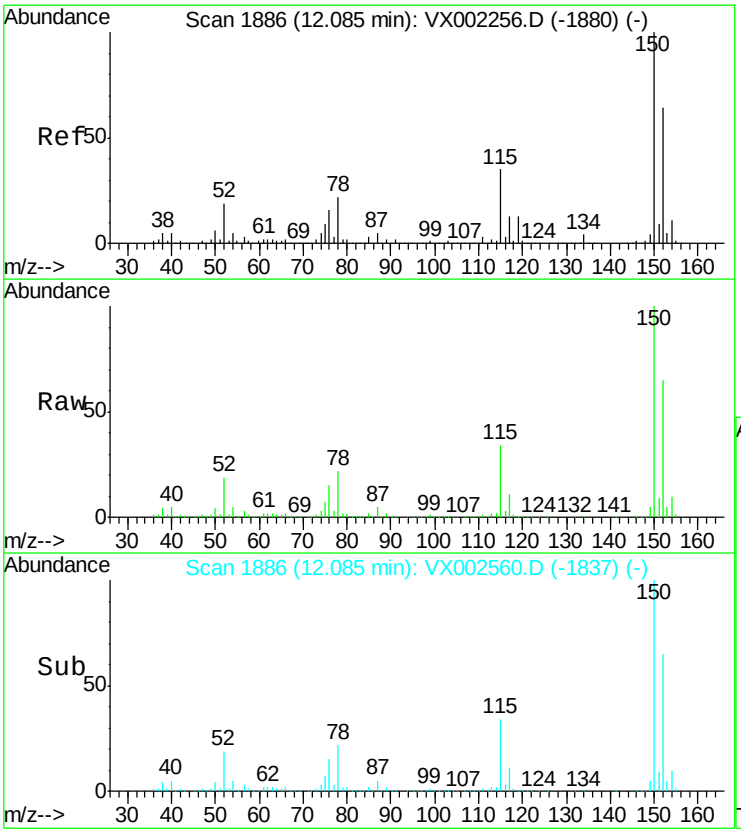
#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1463

Ion	Ratio	Lower	Upper
106	100		
91	212.5	163.4	245.2

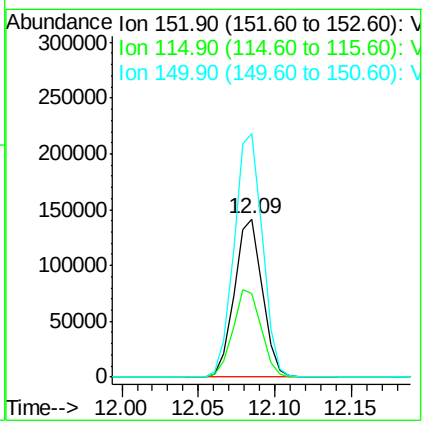


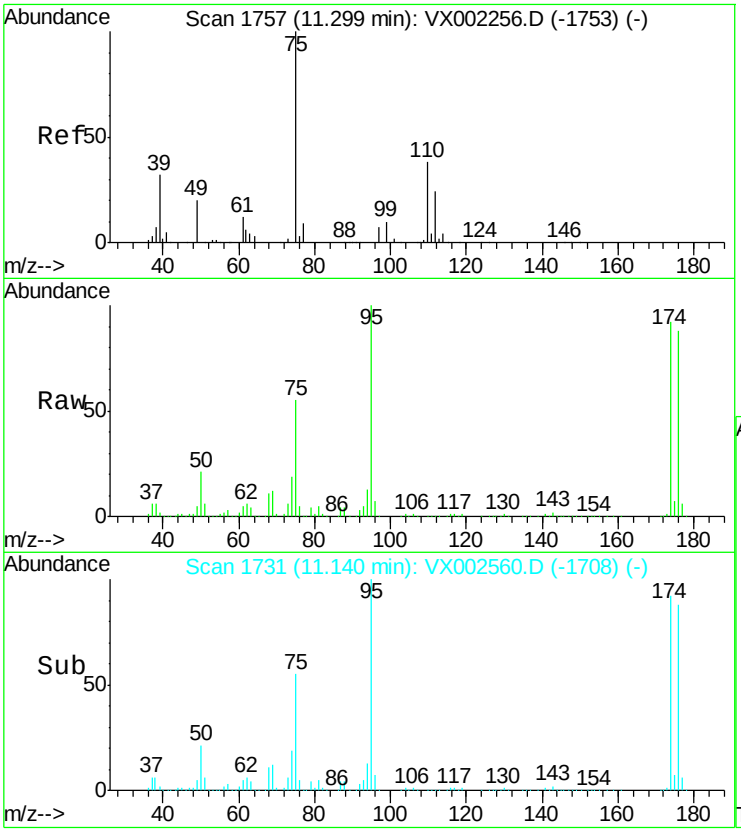


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion:152 Resp: 178319

Ion	Ratio	Lower	Upper
152	100		
115	56.0	40.1	120.2
150	156.8	0.0	347.2



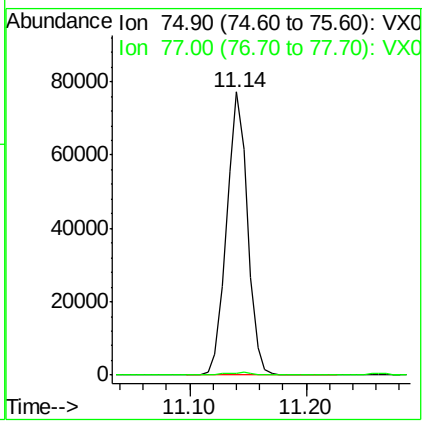


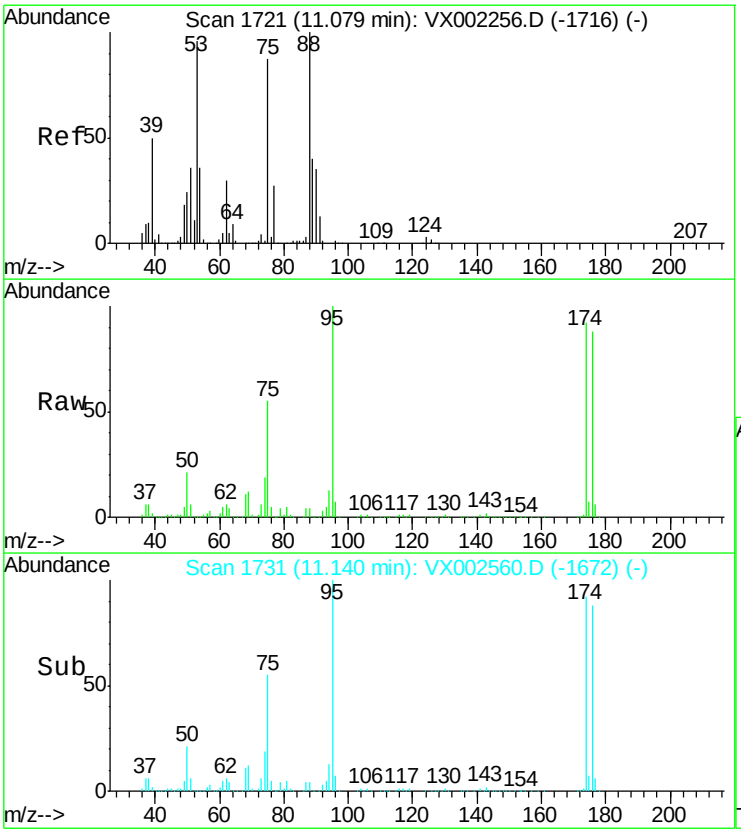
#76
1,2,3-Trichloropropane
Concen: 24.50 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 95867

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

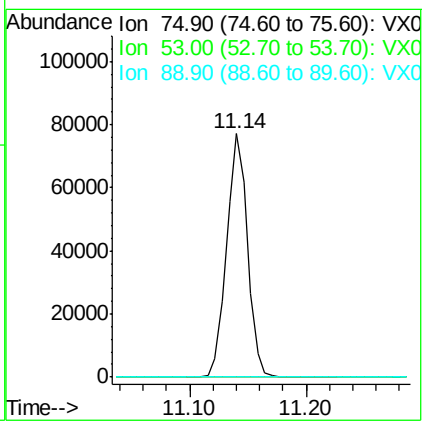


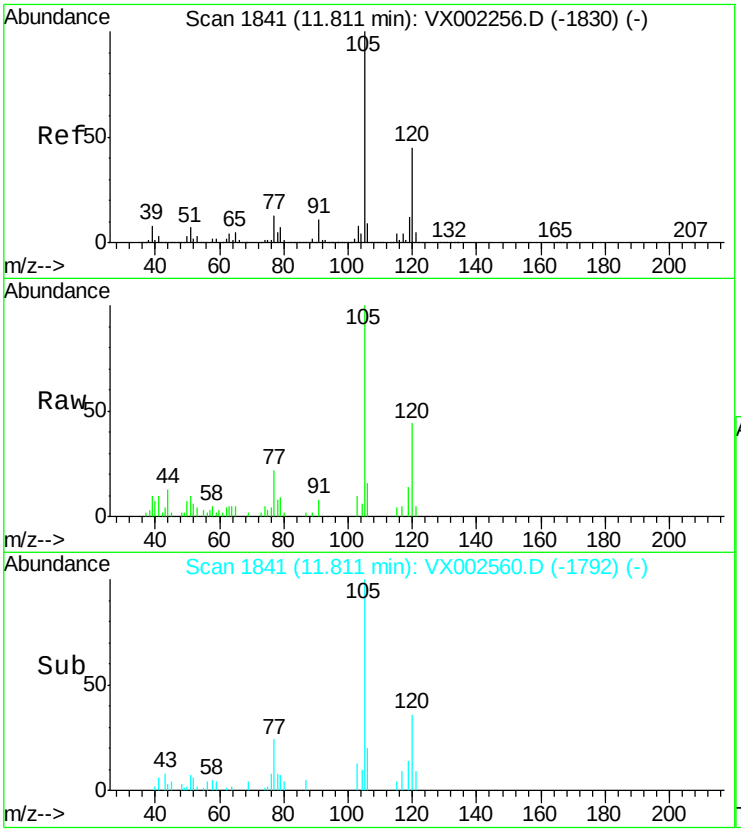


#81
trans-1,4-Dichloro-2-butene
Concen: 85.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 75 Resp: 95867

Ion	Ratio	Lower	Upper
75	100		
53	0.3	86.8	130.2#
89	0.0	38.2	57.2#



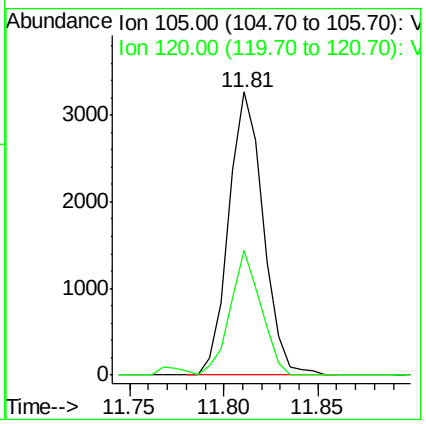


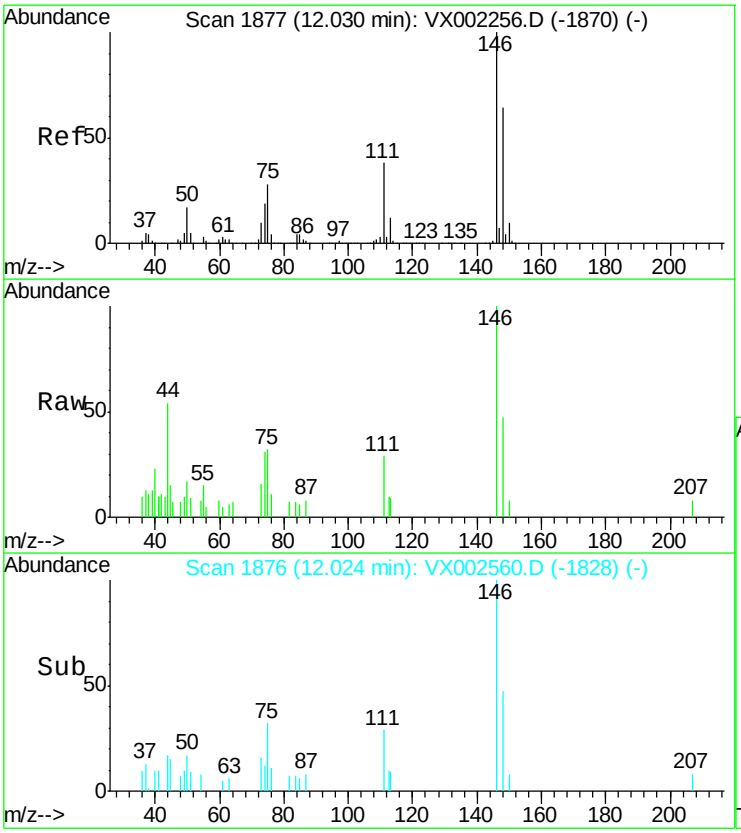
#84
1,2,4-Trimethylbenzene
Concen: 0.38 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 4149

Ion	Ratio	Lower	Upper
105	100		
120	39.2	22.3	66.8

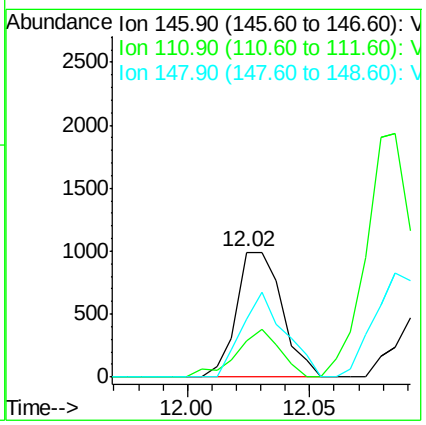


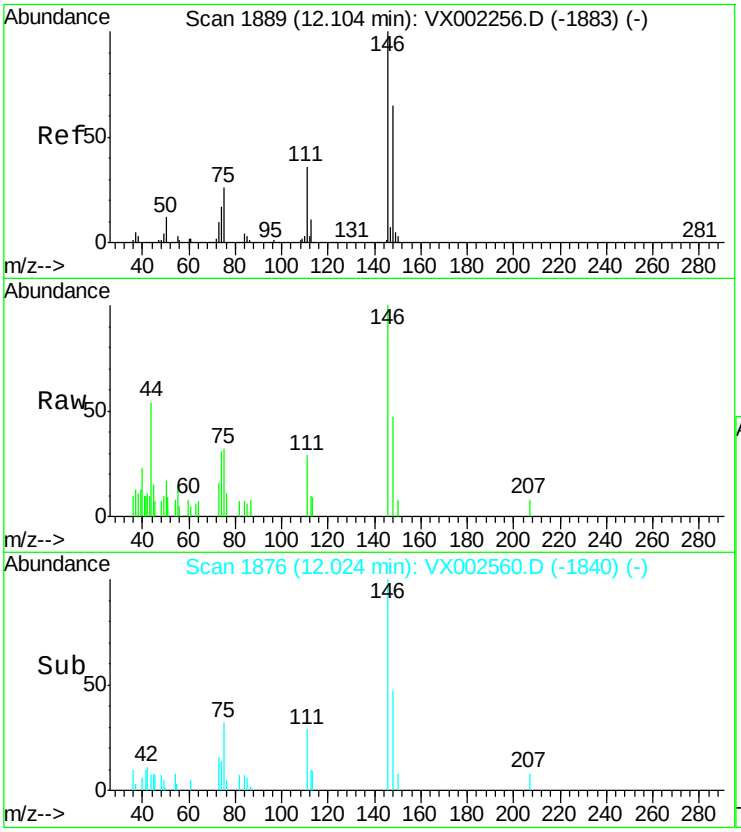


#87
1,3-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.02 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion:146 Resp: 1289

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.9	56.7
148	63.9	32.1	96.3



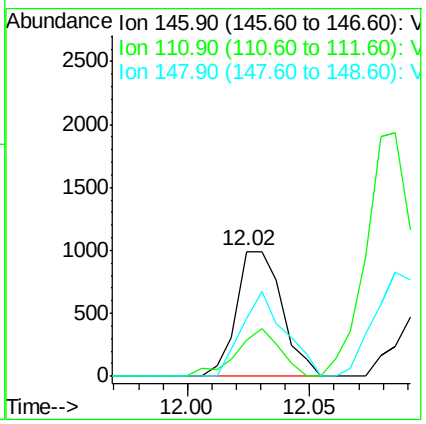


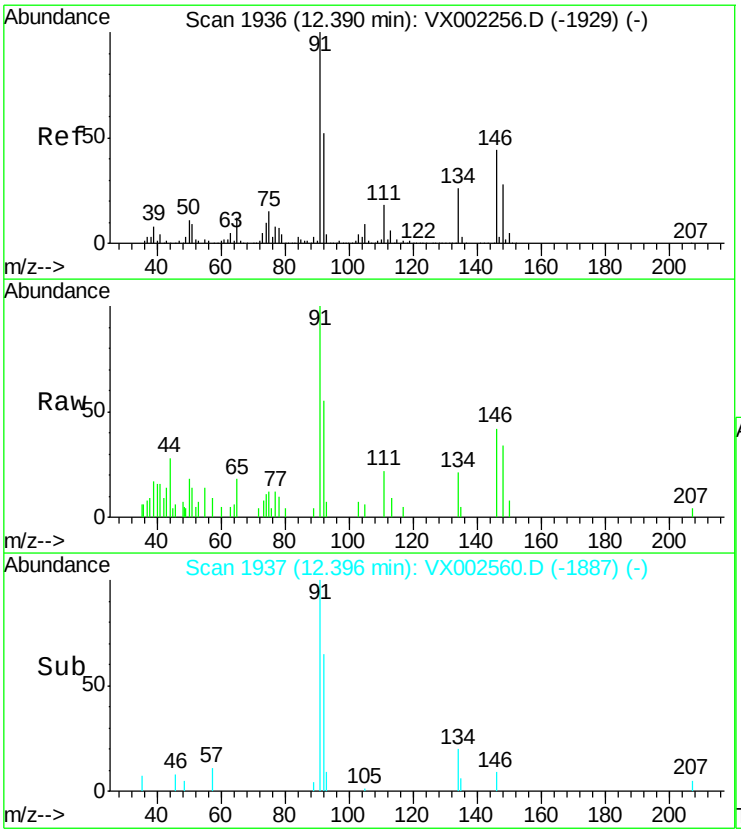
#88
1,4-Dichlorobenzene
Concen: 0.20 ug/l
RT: 12.02 min Scan# 1876
Delta R.T. -0.08 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 1289

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.7	56.1
148	63.9	32.4	97.0

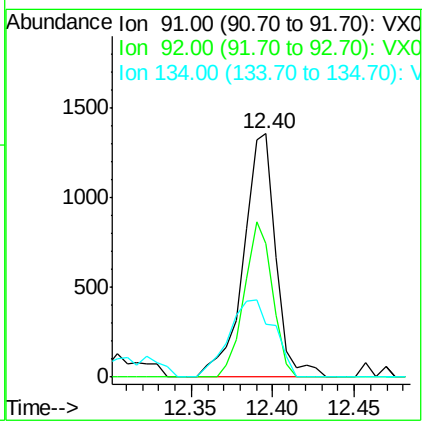


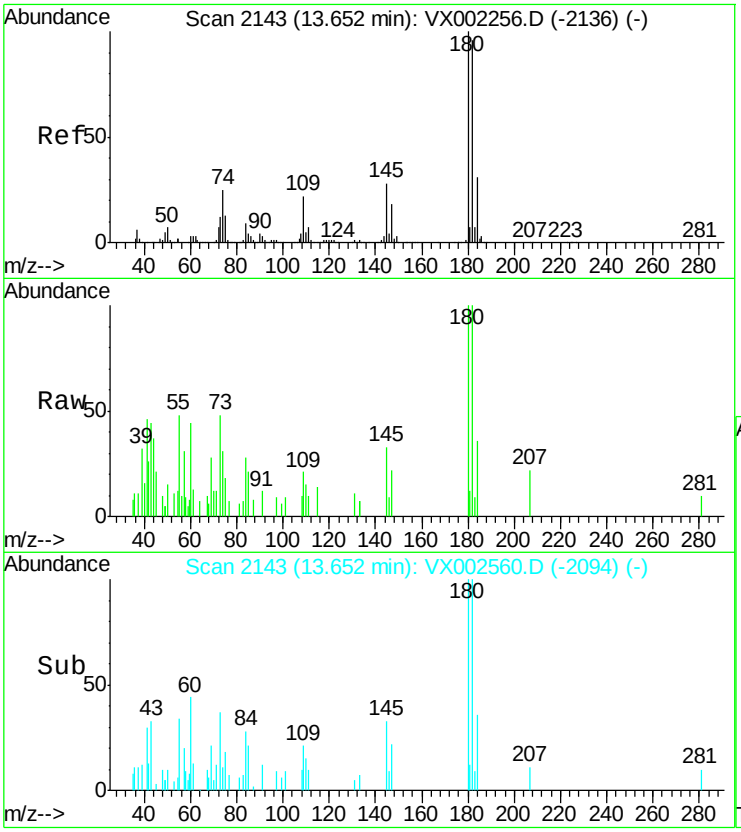


#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion: 91 Resp: 1878

Ion	Ratio	Lower	Upper
91	100		
92	55.7	26.0	78.0
134	43.8	13.5	40.5#



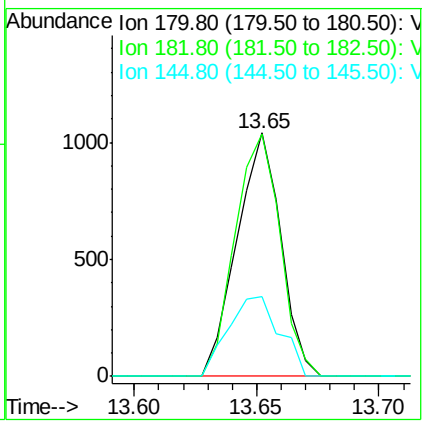


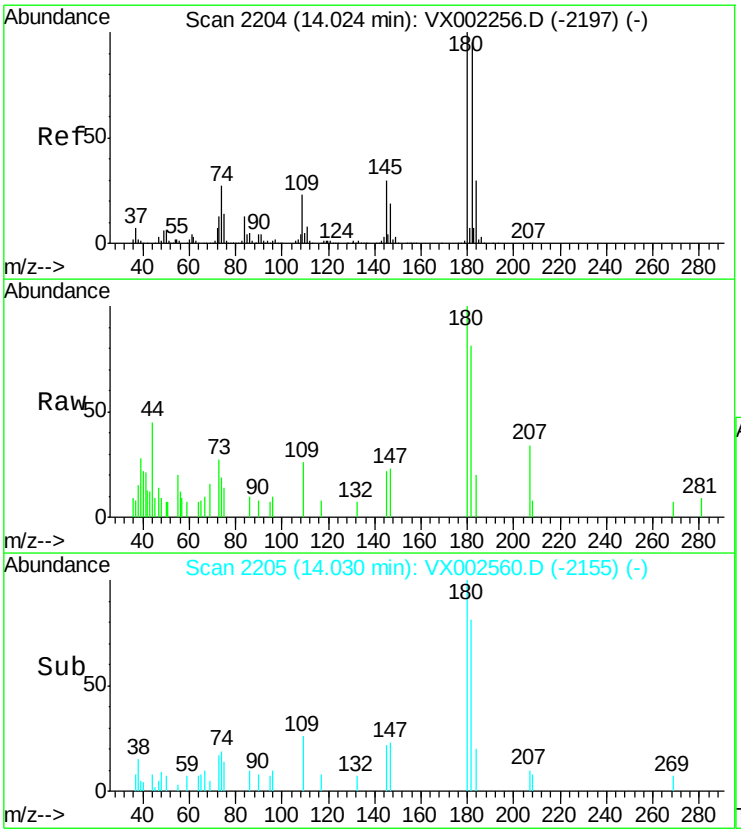
#93
1,2,4-Trichlorobenzene
Concen: 0.29 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1304

Ion	Ratio	Lower	Upper
180	100		
182	101.9	47.7	143.1
145	38.7	14.1	42.4





#96
1,2,3-Trichlorobenzene
Concen: 0.23 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX002560.D
Acq: 14 Jun 2018 18:59

Tgt Ion:180 Resp: 1041

Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.0
145	33.5	14.8	44.3