Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002510.D
Acq On : 13 Jun 2018 14:50
Operator : JC/MD
Sample : PB110148ZHE#17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:45:12 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	209936	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	306571	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	289061	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163070	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	150485	50.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.28%				
35) Dibromofluoromethane	5.51	113	112297	46.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.16%				
50) Toluene-d8	8.72	98	444038	48.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.10%				
62) 4-Bromofluorobenzene	11.14	95	156360	43.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.76%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	535	Below Cal			93
5) Bromomethane	1.65	94	1334	Below Cal			88
8) Diethyl Ether	2.18	74	79	Below Cal			68
10) Methyl Iodide	2.53	142	1111	0.35	ug/l	#	95
11) Tert butyl alcohol	3.03	59	942	Below Cal		#	81
13) Acrolein	2.32	56	89	Below Cal		#	1
15) Acrylonitrile	3.15	53	533	Below Cal		#	68
16) Acetone	2.45	43	21326	Below Cal			99
18) Methyl Acetate	2.78	43	21915	4.85	ug/l		98
19) Methyl tert-butyl Ether	3.20	73	221	Below Cal		#	1
20) Methylene Chloride	2.86	84	4769	Below Cal			98
22) Diisopropyl ether	3.89	45	360	Below Cal		#	58
25) 2-Butanone	4.72	43	4981	2.42	ug/l		100
28) Bromochloromethane	5.04	49	51	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	1467	1.11	ug/l	#	48
31) Cyclohexane	5.67	56	4705	1.24	ug/l	#	22
36) 1,1-Dichloropropene	5.67	75	15267	4.74	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	19868	5.89	ug/l	#	15
39) Methylcyclohexane	7.46	83	113	0.29	ug/l	#	16
49) 1,4-Dioxane	7.78	88	22	0.36	ug/l	#	56
51) 4-Methyl-2-Pentanone	8.65	43	2523	0.62	ug/l		94
65) Chlorobenzene	10.14	112	4640	0.65	ug/l	#	88
76) 1,2,3-Trichloropropane	11.14	75	84852	23.71	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.14	75	84852	83.12	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	168	0.22	ug/l	#	1

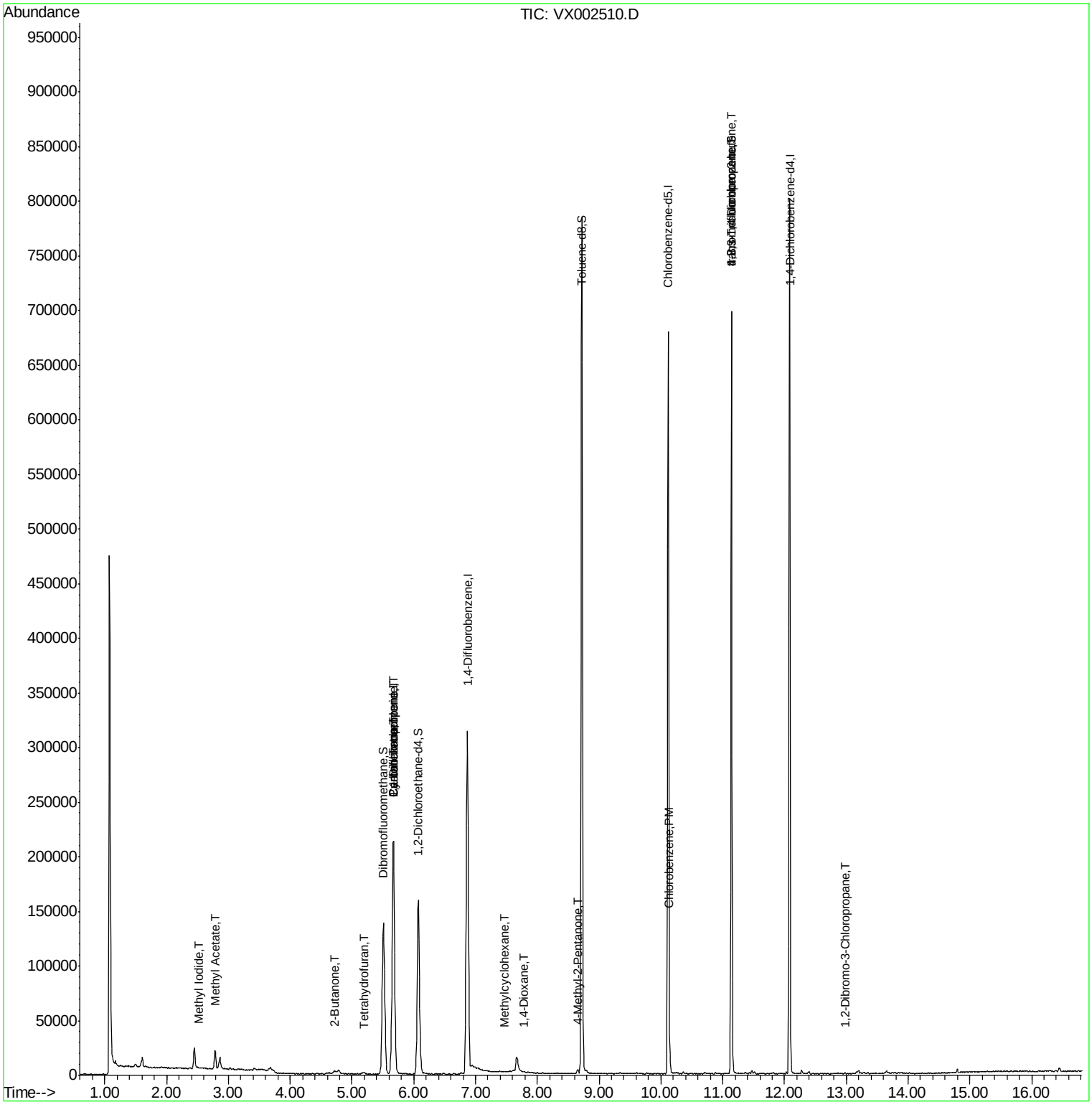
(#) = qualifier out of range (m) = manual integration (+) = signals summed

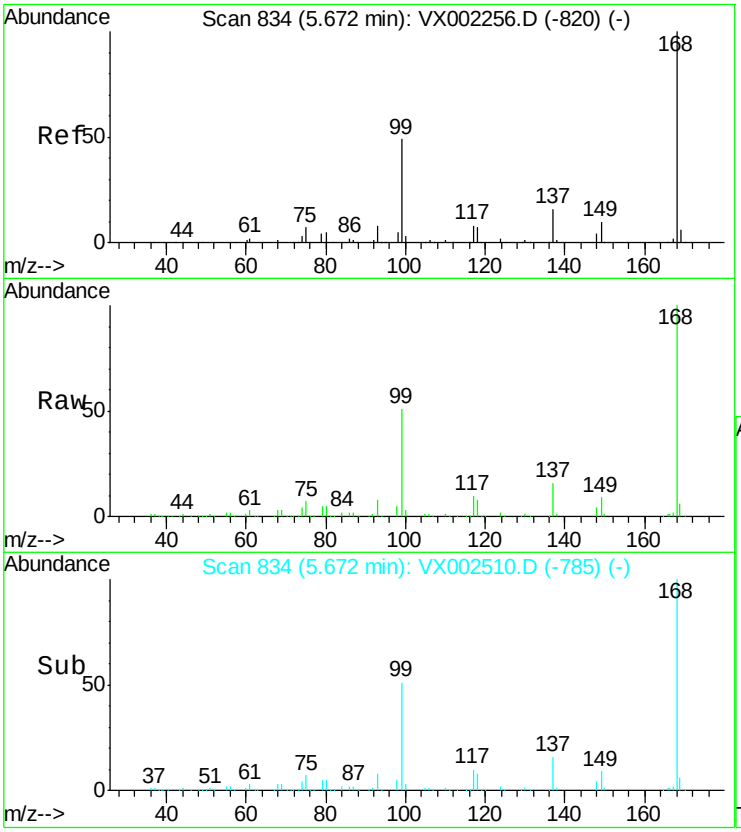
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002510.D
Acq On : 13 Jun 2018 14:50
Operator : JC/MD
Sample : PB110148ZHE#17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:45:12 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



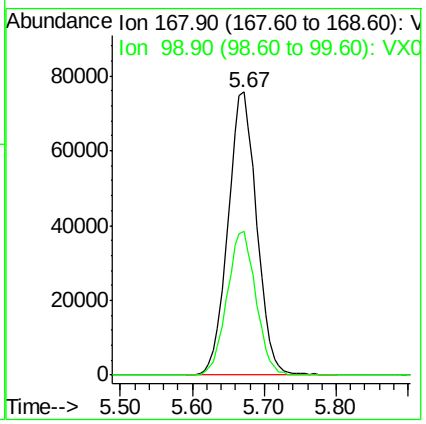


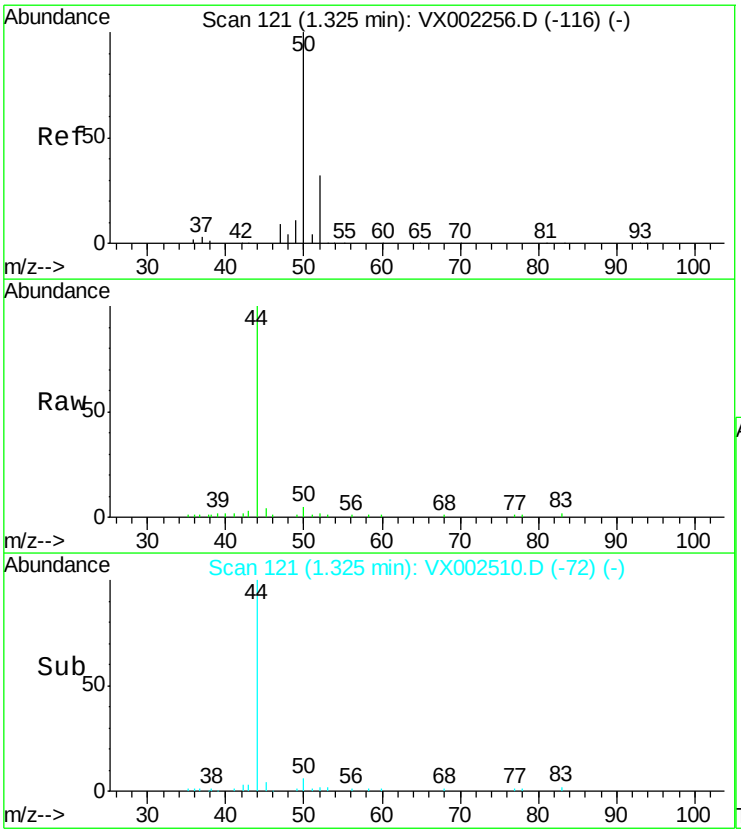
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 209936

Ion	Ratio	Lower	Upper
168	100		
99	50.6	39.3	58.9

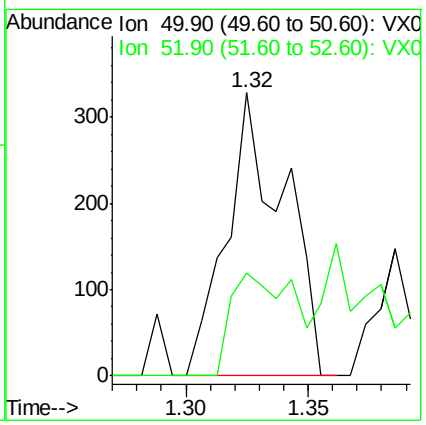


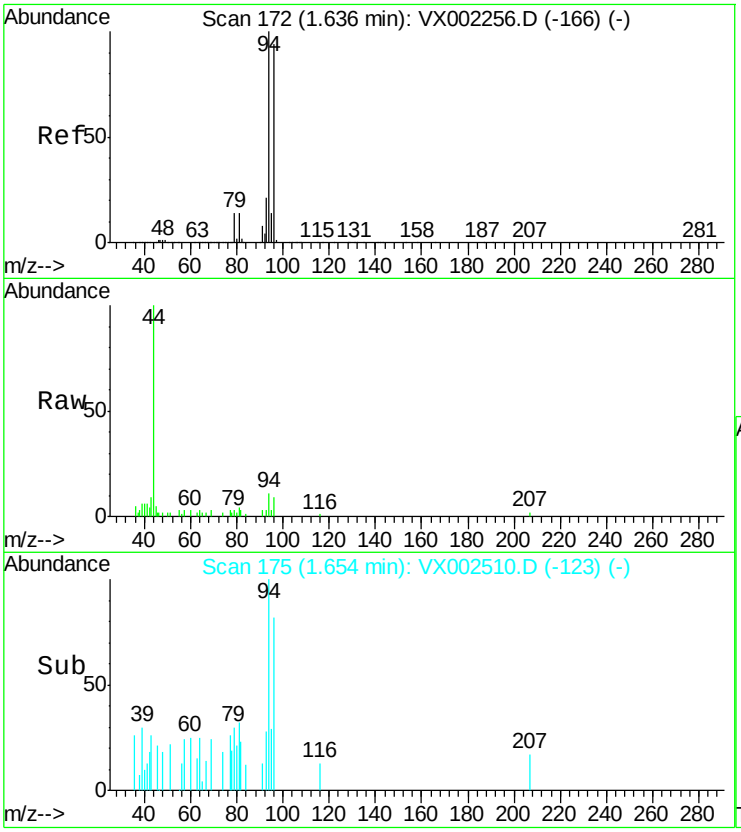


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 50 Resp: 535

Ion	Ratio	Lower	Upper
50	100		
52	36.3	25.7	38.5



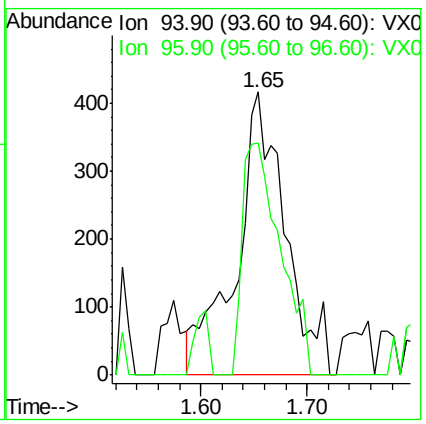


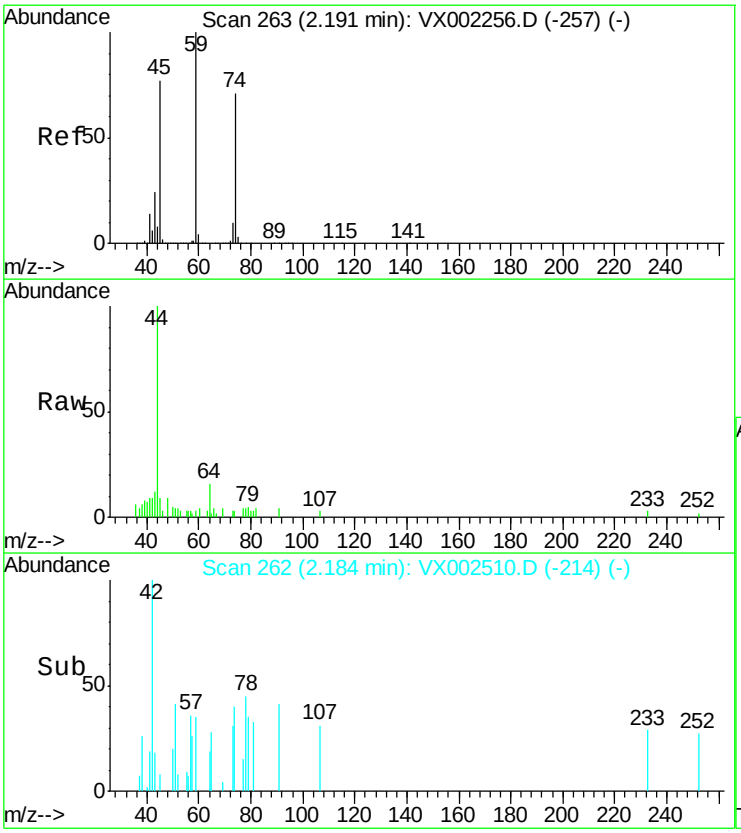
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1334

Ion	Ratio	Lower	Upper
94	100		
96	81.8	74.9	112.3

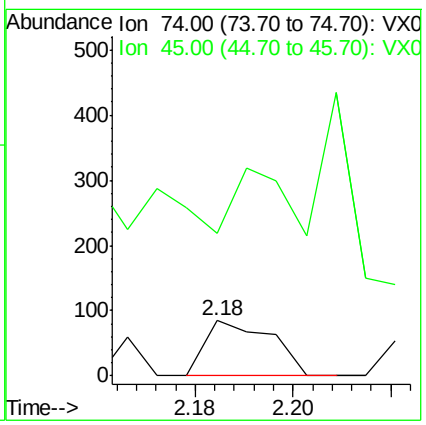


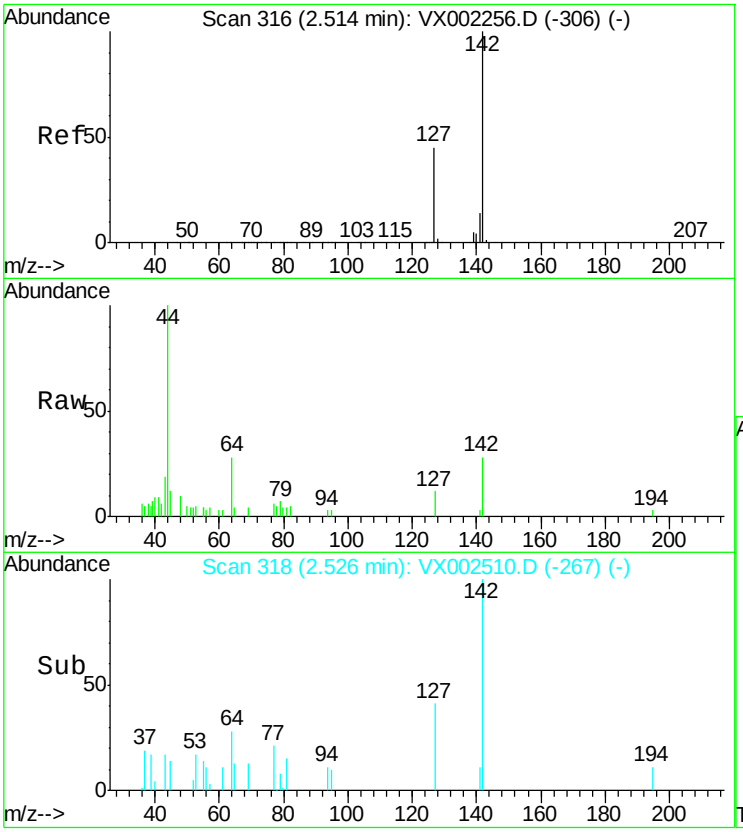


#8
Diethyl Ether
Concen: Below Cal
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 74 Resp: 79

Ion	Ratio	Lower	Upper
74	100		
45	139.2	53.1	159.4



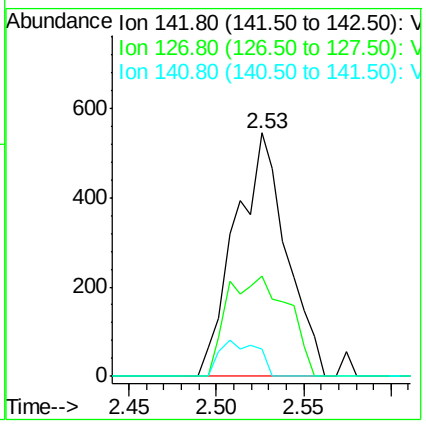


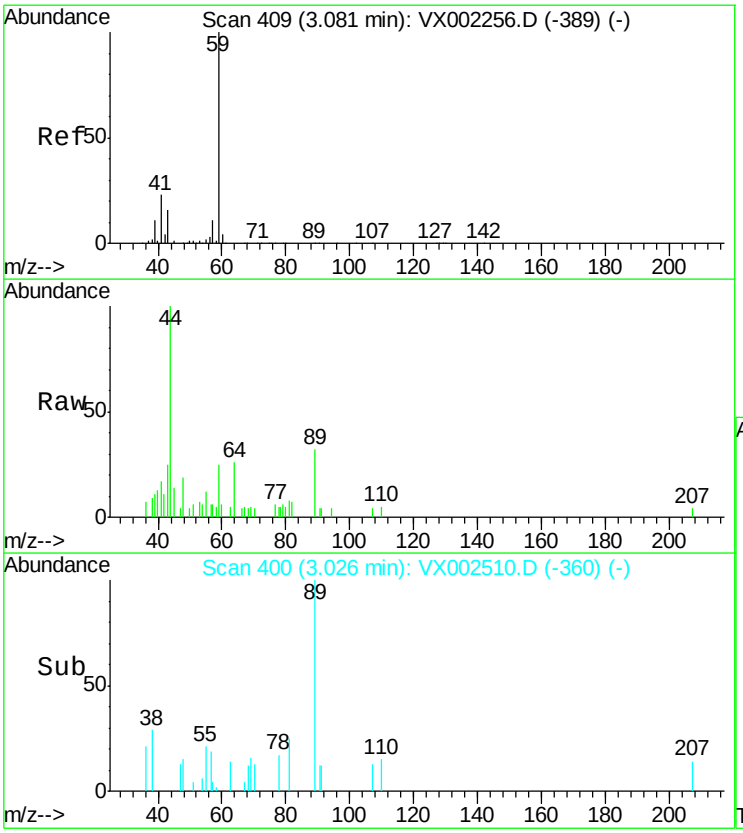
#10
Methyl Iodide
Concen: 0.35 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1111

Ion	Ratio	Lower	Upper
142	100		
127	48.6	36.6	55.0
141	10.9	11.3	16.9#

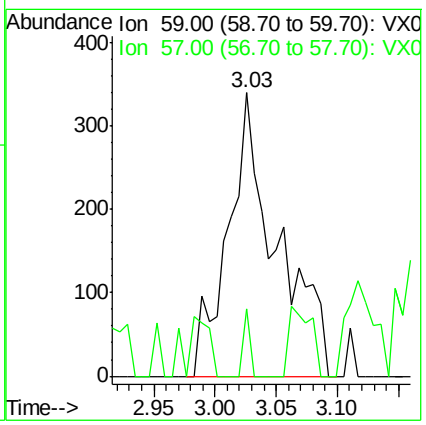


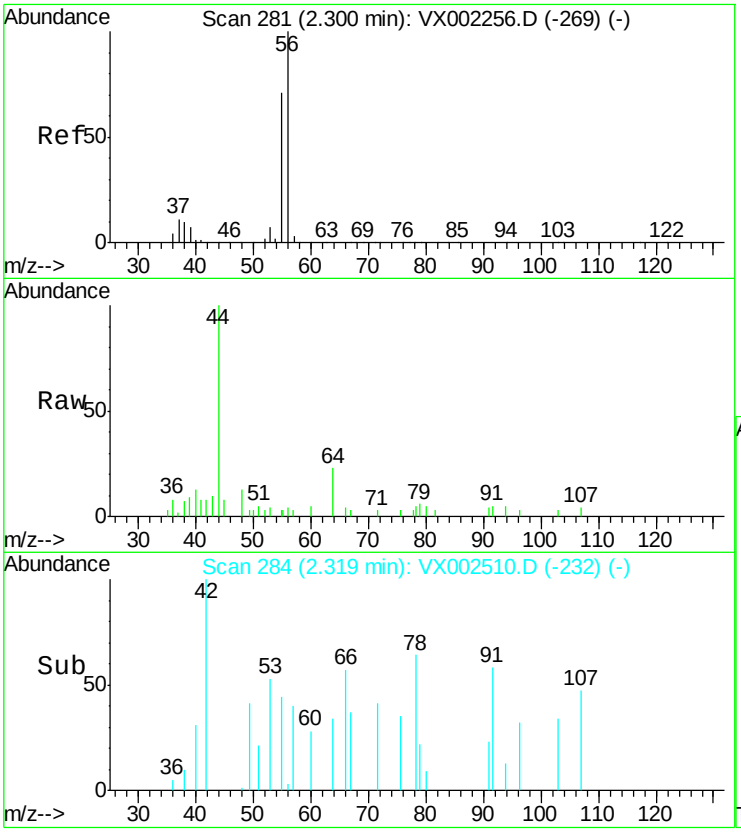


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 59 Resp: 942

Ion	Ratio	Lower	Upper
59	100		
57	3.1	8.2	12.2#



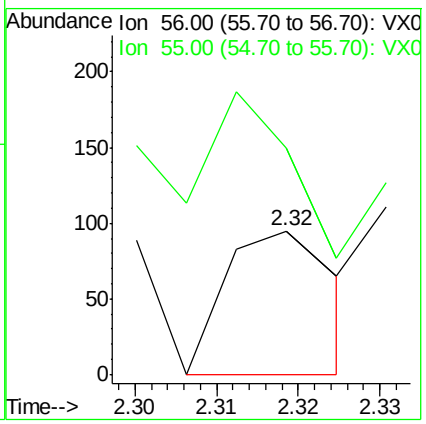


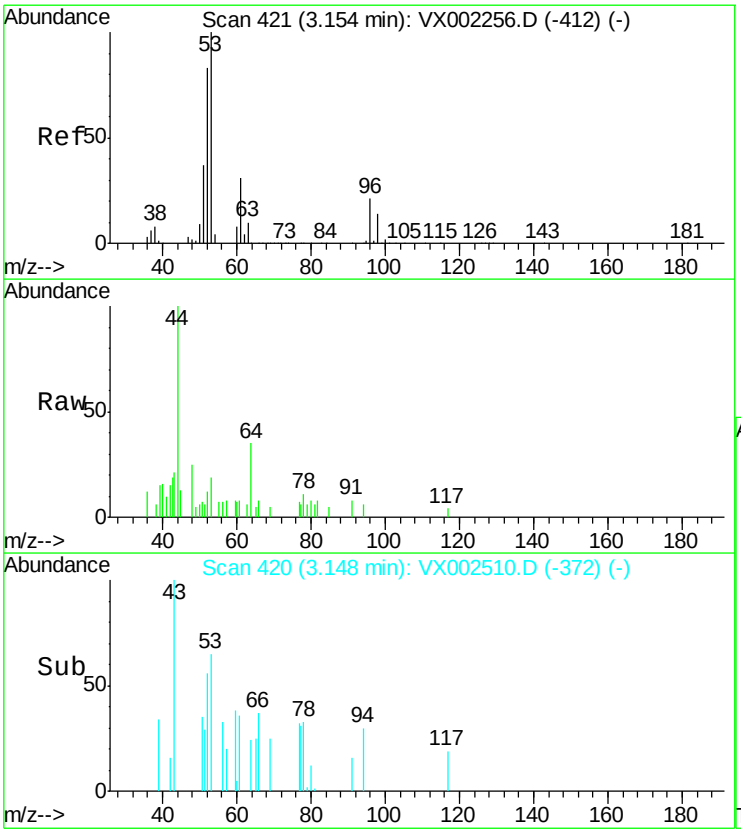
#13
Acrolein
Concen: Below Cal
RT: 2.32 min Scan# 284
Delta R.T. 0.02 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 89

Ion	Ratio	Lower	Upper
56	100		
55	164.0	57.0	85.4#

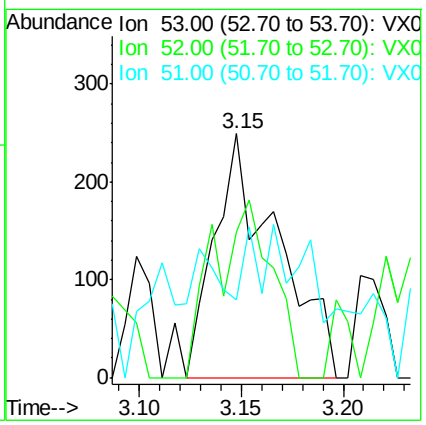


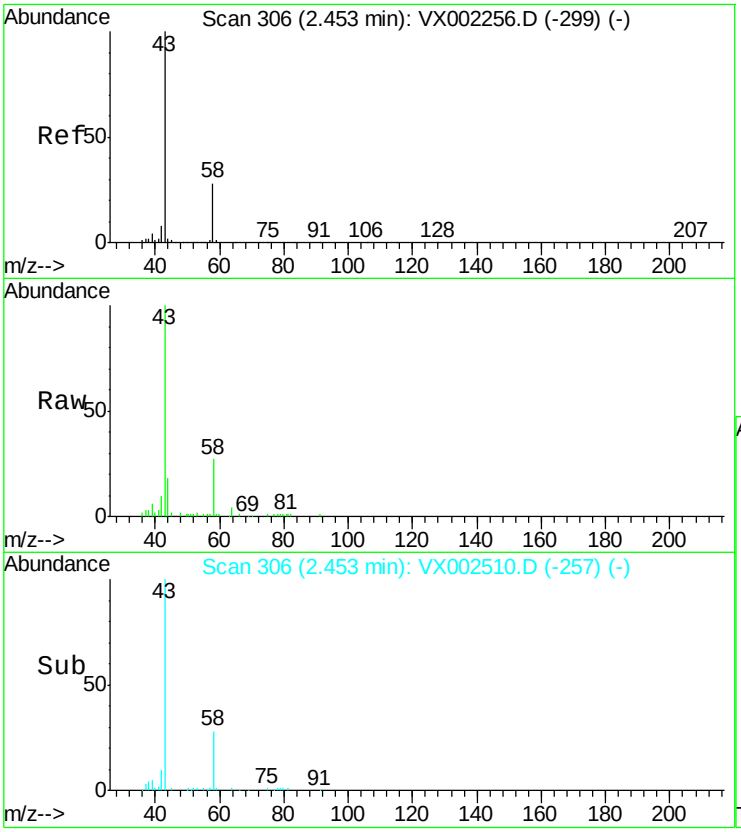


#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 53 Resp: 533

Ion	Ratio	Lower	Upper
53	100		
52	67.4	66.7	100.1
51	0.0	29.9	44.9#



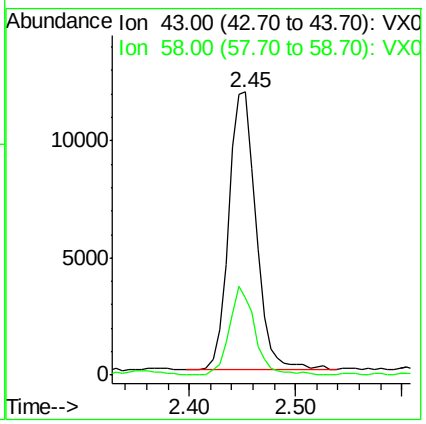


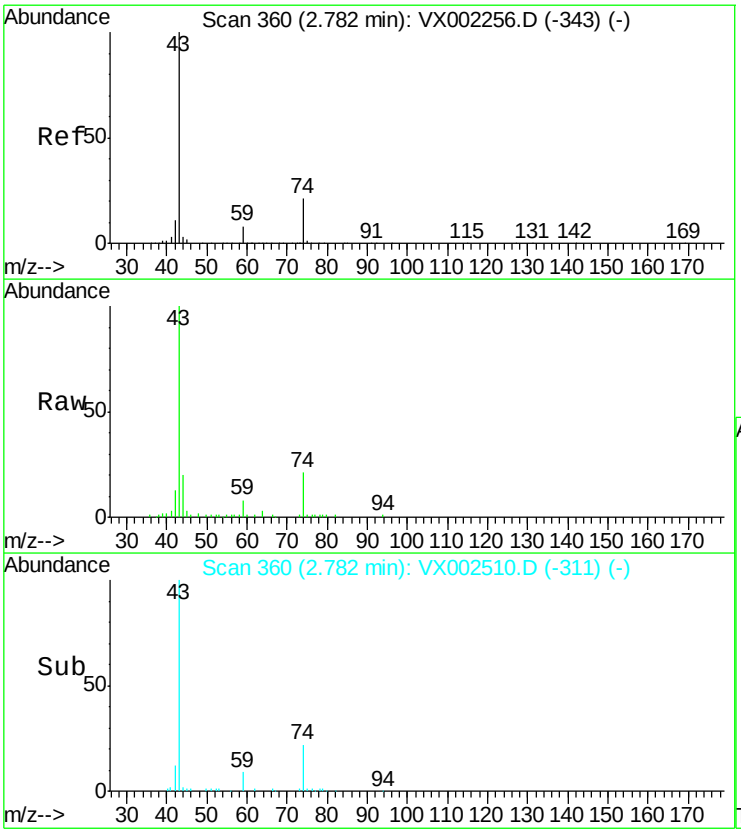
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21326

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1

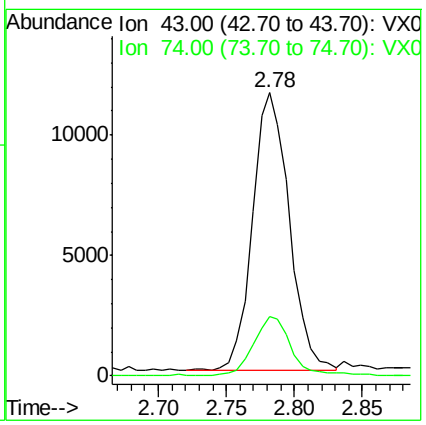


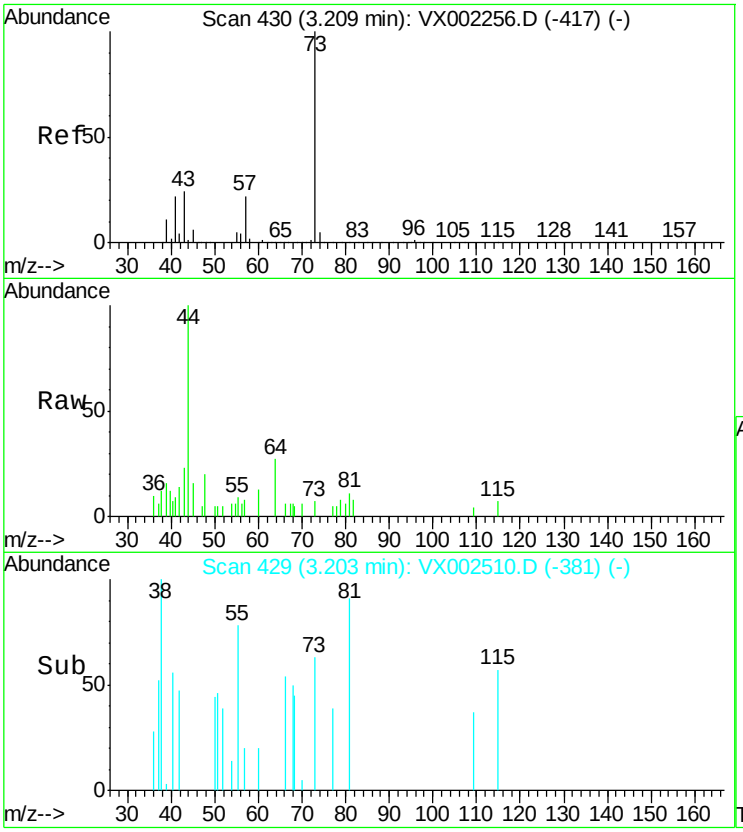


#18
Methyl Acetate
Concen: 4.85 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 43 Resp: 21915

Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1



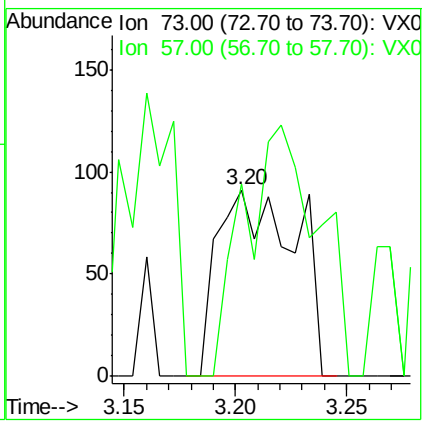


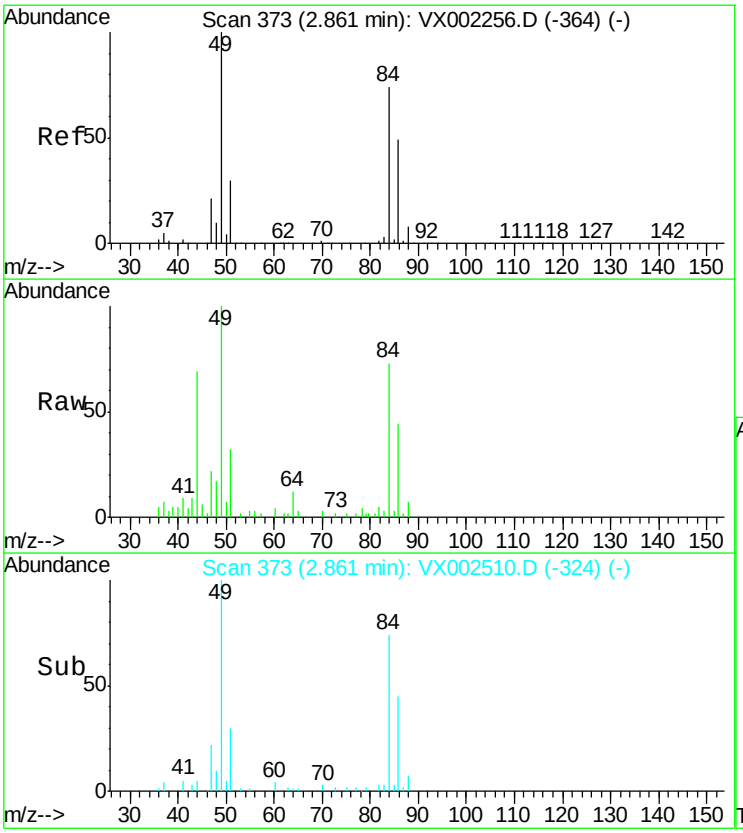
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 221

Ion	Ratio	Lower	Upper
73	100		
57	103.3	17.7	26.5#

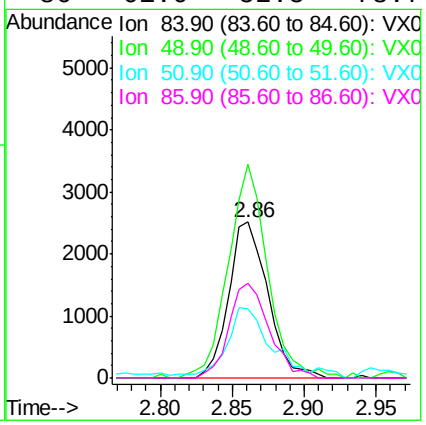


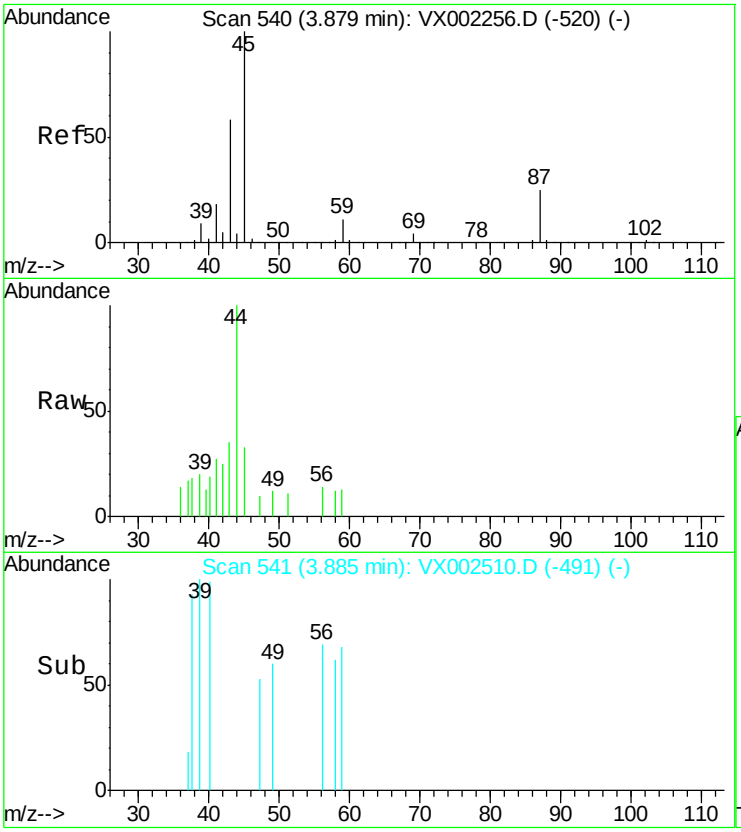


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 84 Resp: 4769

Ion	Ratio	Lower	Upper
84	100		
49	135.1	107.8	161.6
51	41.4	32.8	49.2
86	61.0	52.5	78.7



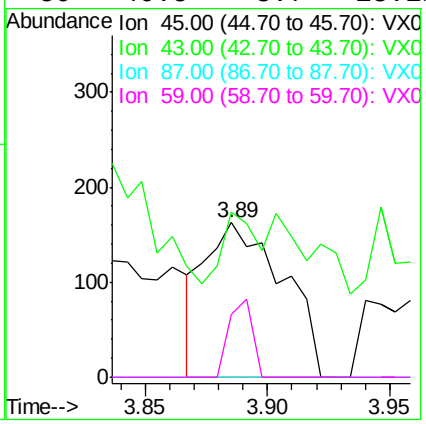


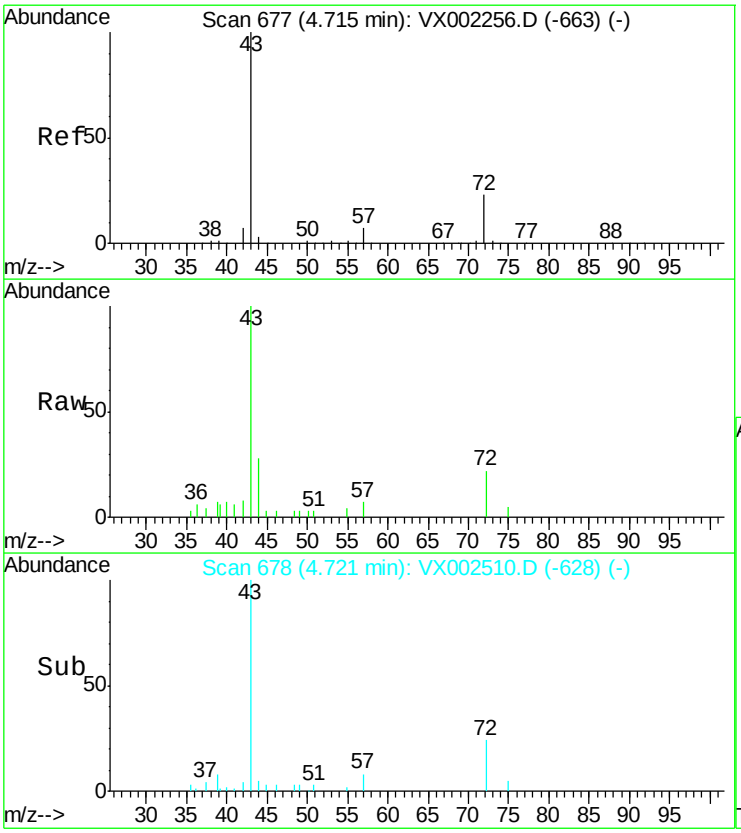
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 360

Ion	Ratio	Lower	Upper
45	100		
43	35.0	46.8	70.2#
87	0.0	20.2	30.4#
59	40.5	8.7	13.1#

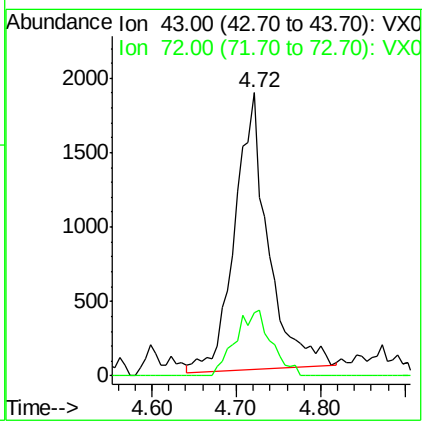


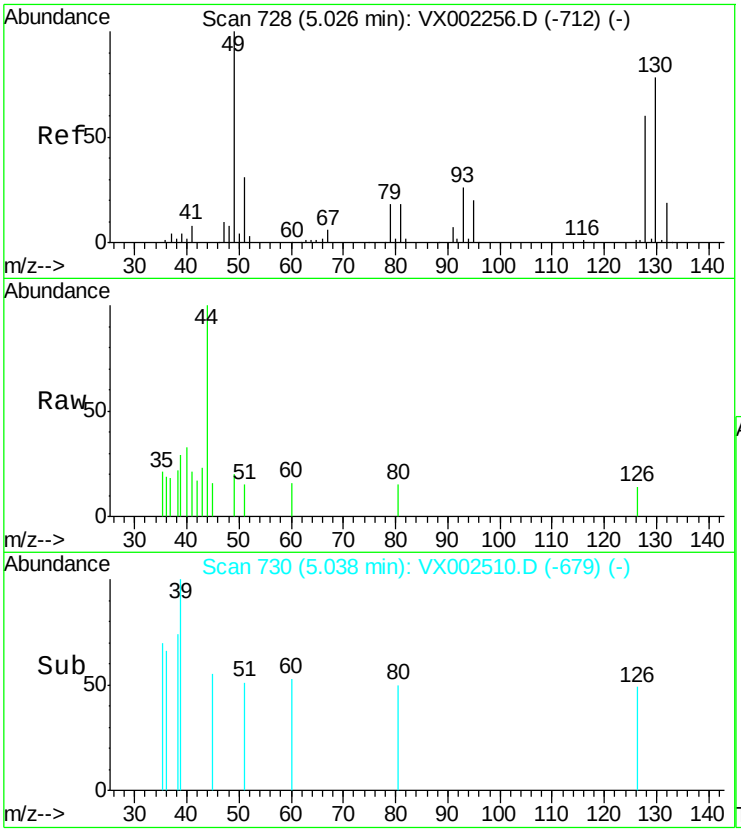


#25
2-Butanone
Concen: 2.42 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 43 Resp: 4981

Ion	Ratio	Lower	Upper
43	100		
72	23.3	18.5	27.7



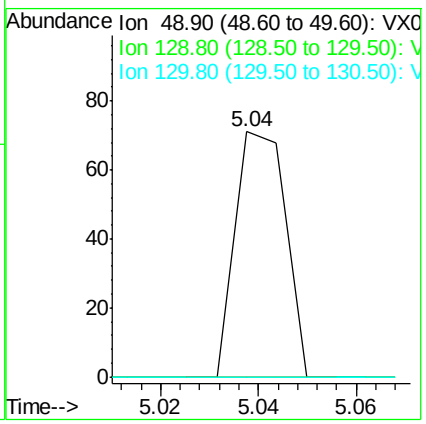


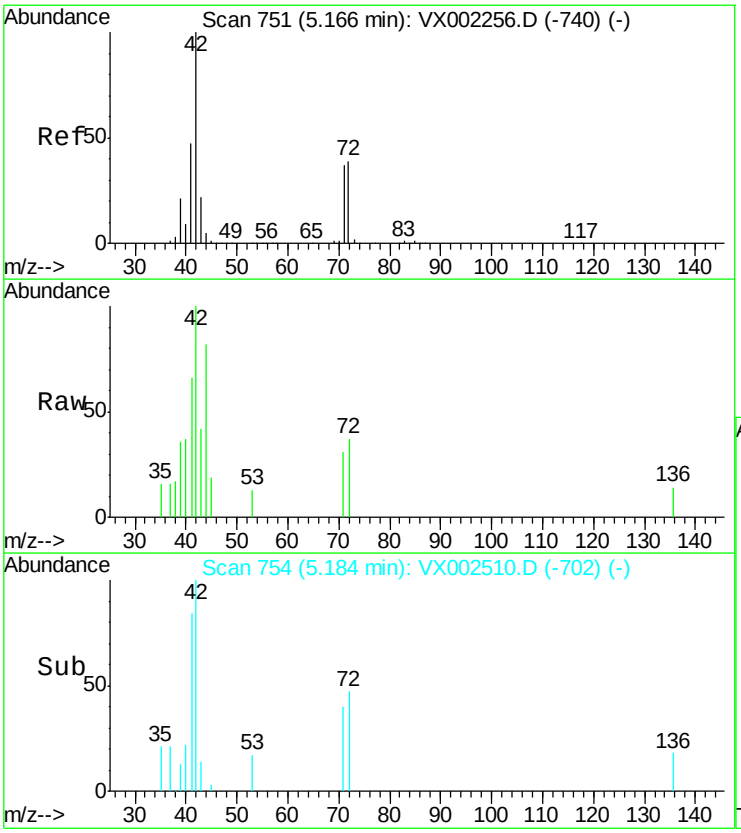
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 51

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

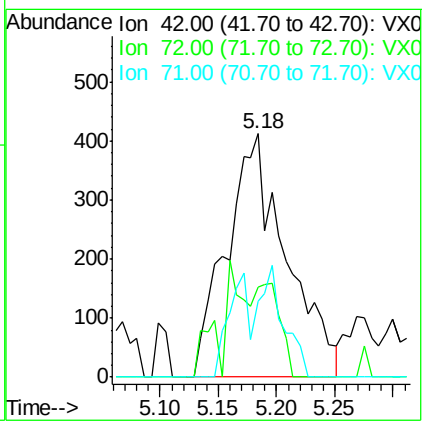


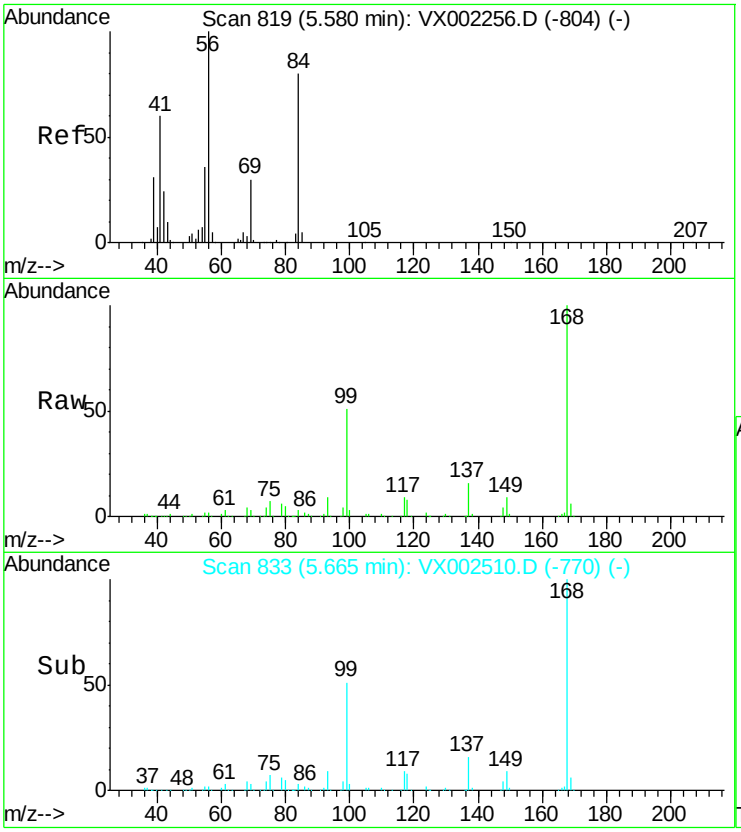


#29
Tetrahydrofuran
Concen: 1.11 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 42 Resp: 1467

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	14.5	30.1	45.1#



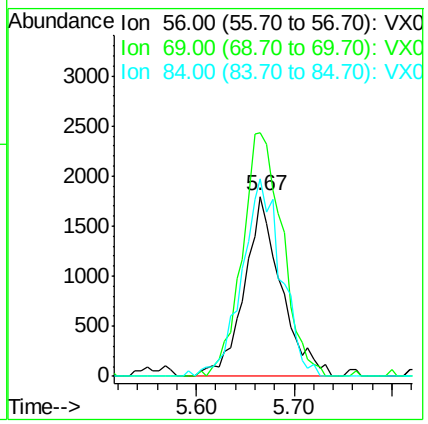


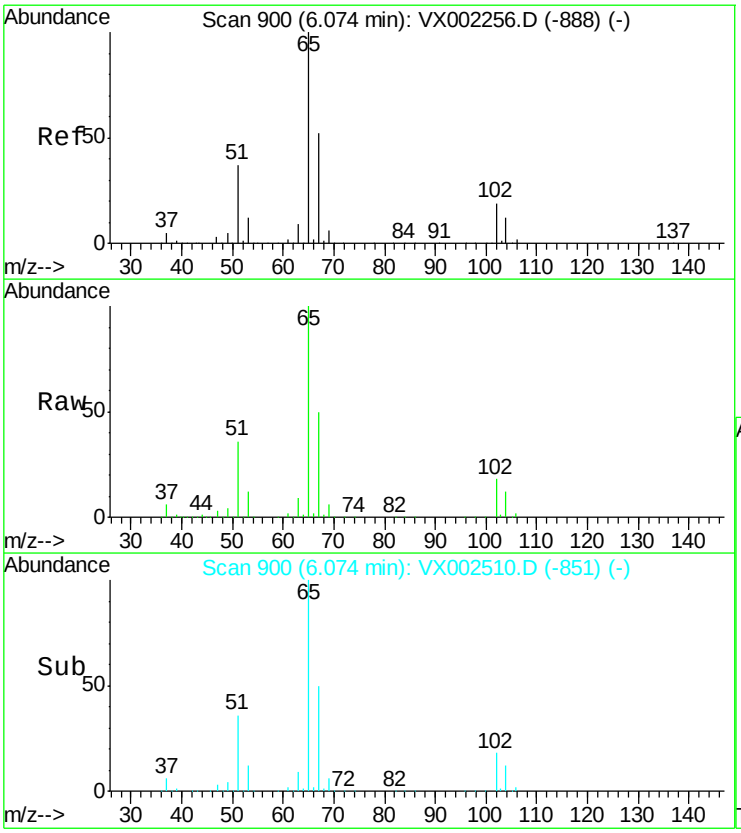
#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4705

Ion	Ratio	Lower	Upper
56	100		
69	135.3	23.7	35.5#
84	110.0	64.1	96.1#

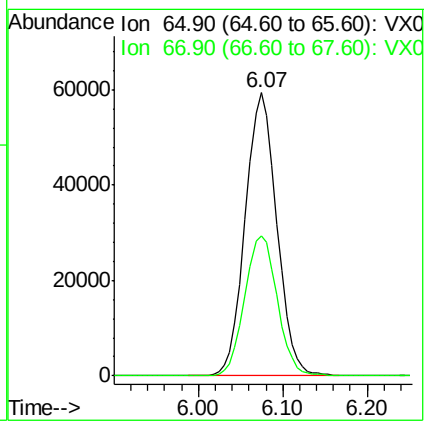


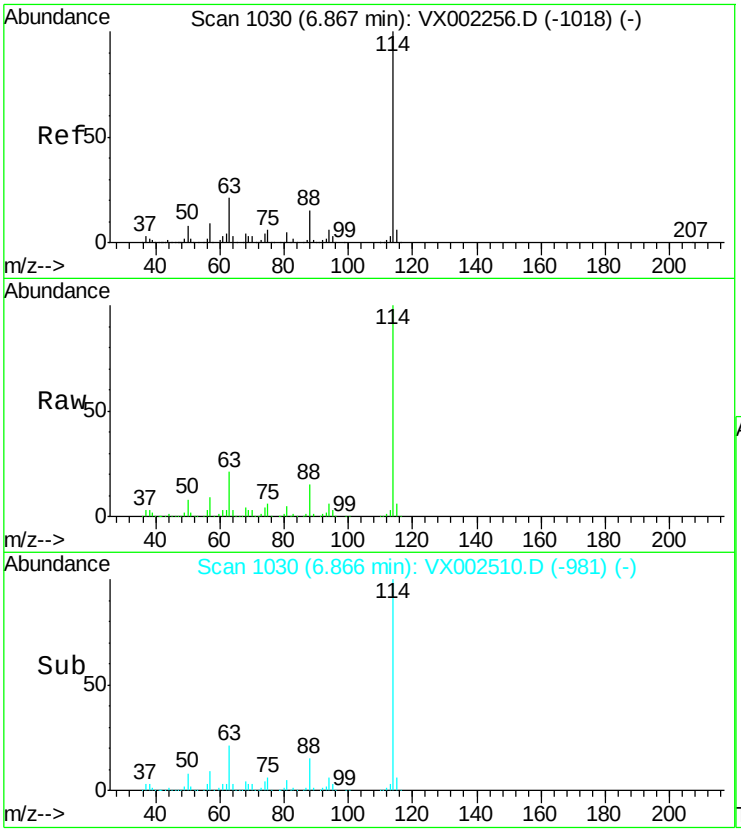


#33
1,2-Dichloroethane-d4
Concen: 50.14 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 65 Resp: 150485

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6



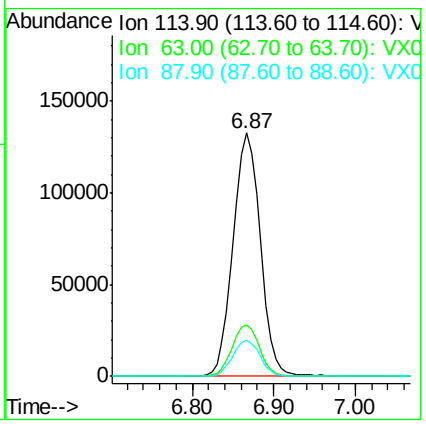


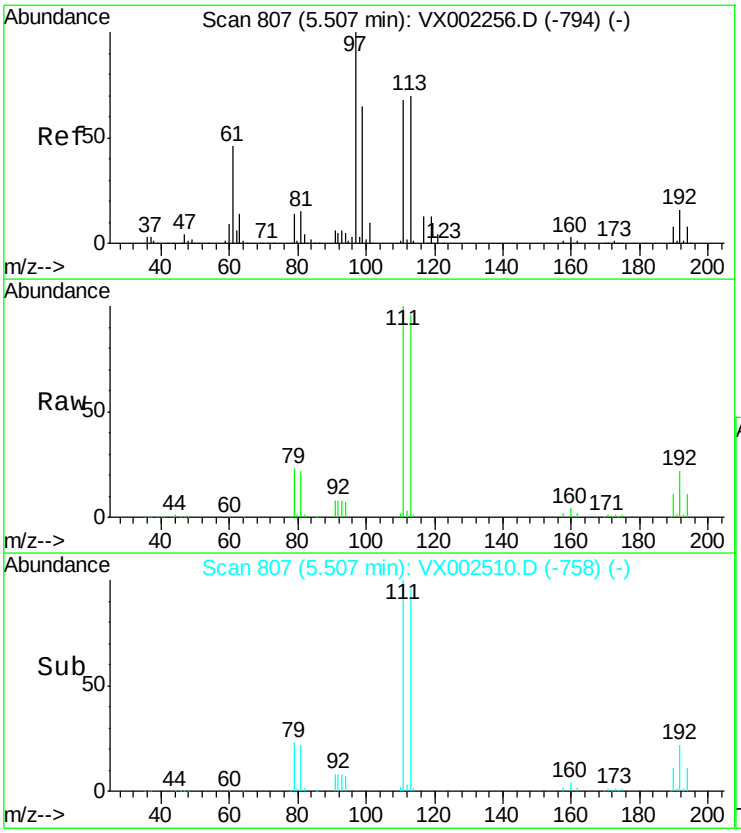
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 306571

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.4
88	14.6	0.0	30.0

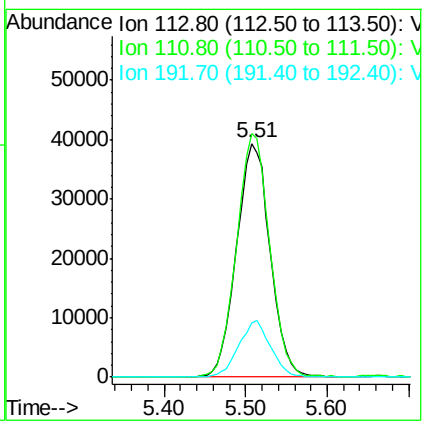


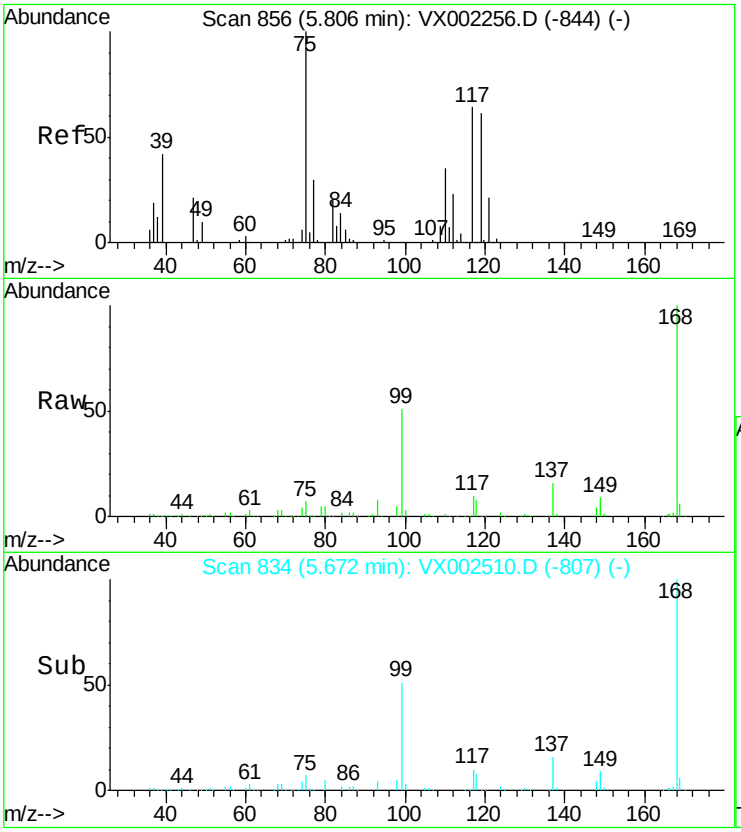


#35
Dibromofluoromethane
Concen: 46.58 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion:113 Resp: 112297

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	23.0	19.1	28.7



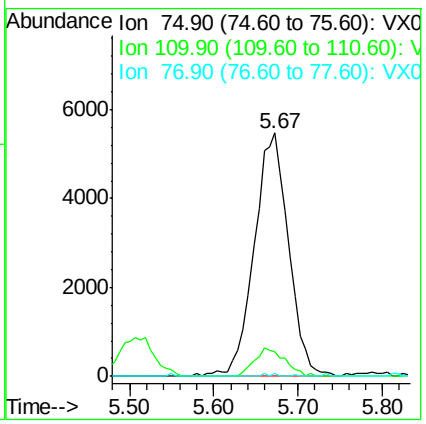


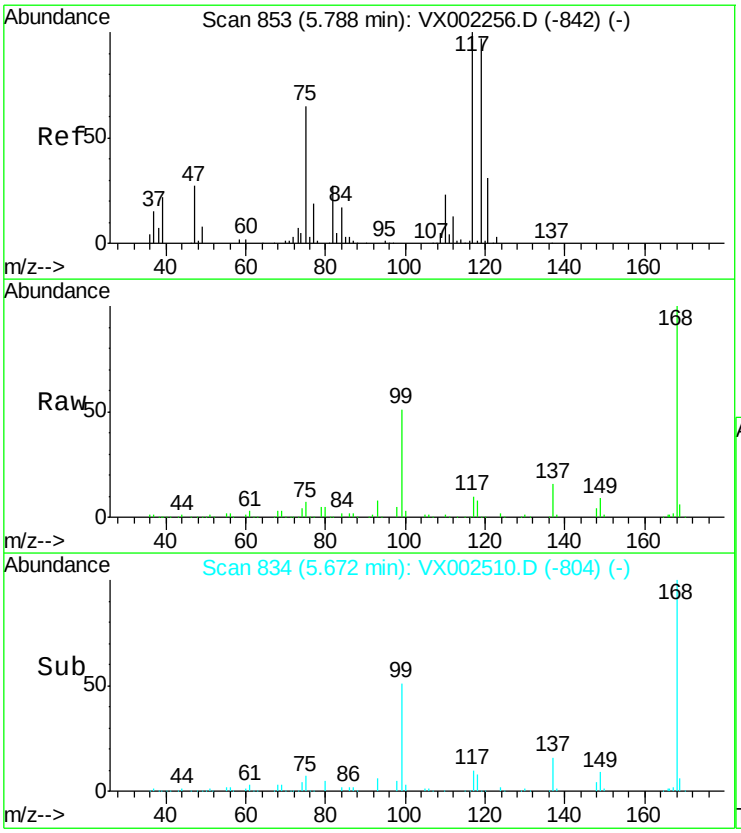
#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 15267

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.3	24.3	36.5#

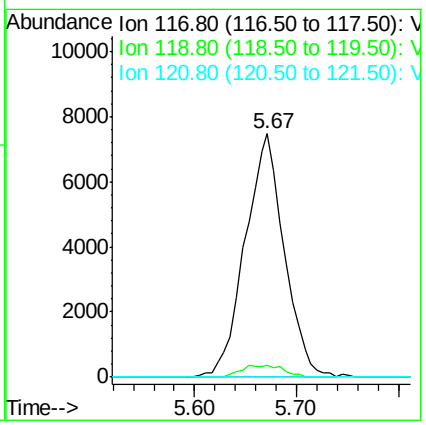


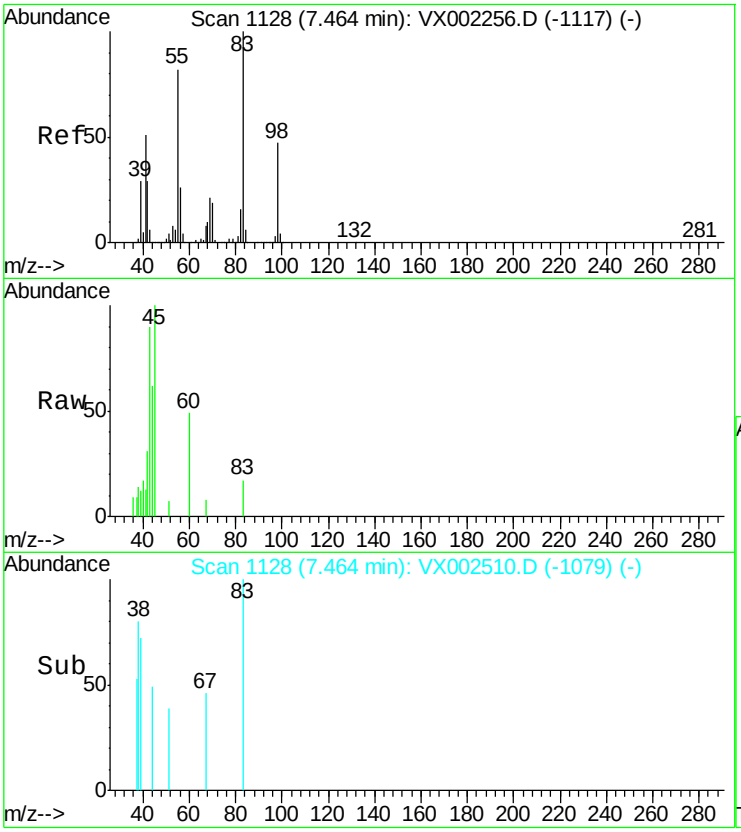


#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion:117 Resp: 19868

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.0#
121	0.0	24.4	36.6#



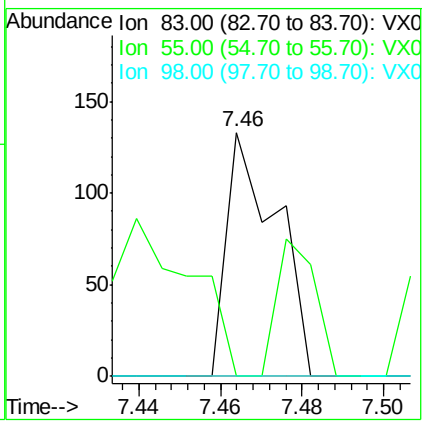


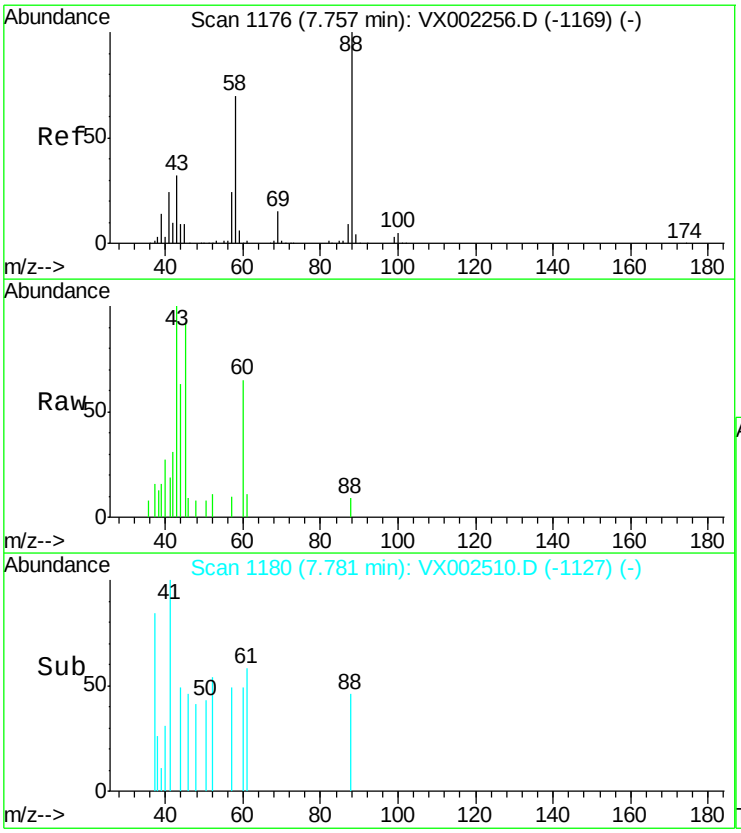
#39
Methylcyclohexane
Concen: 0.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 113

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

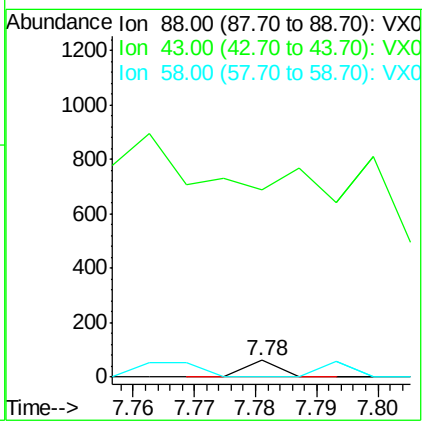


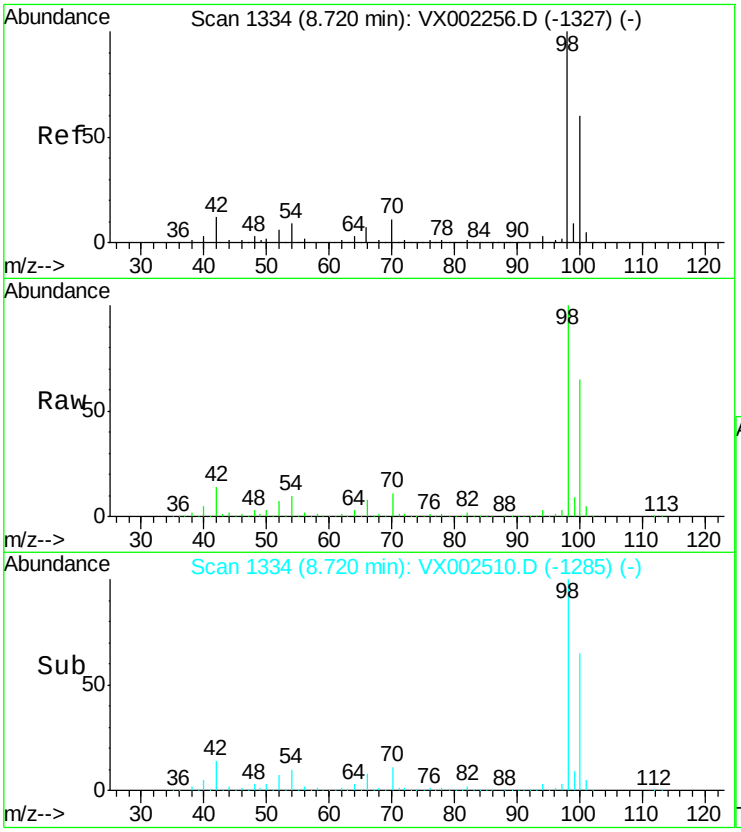


#49
1,4-Dioxane
Concen: 0.36 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.02 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	100.0	57.1	85.7#



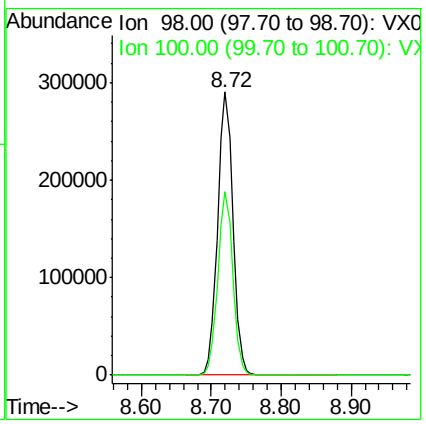


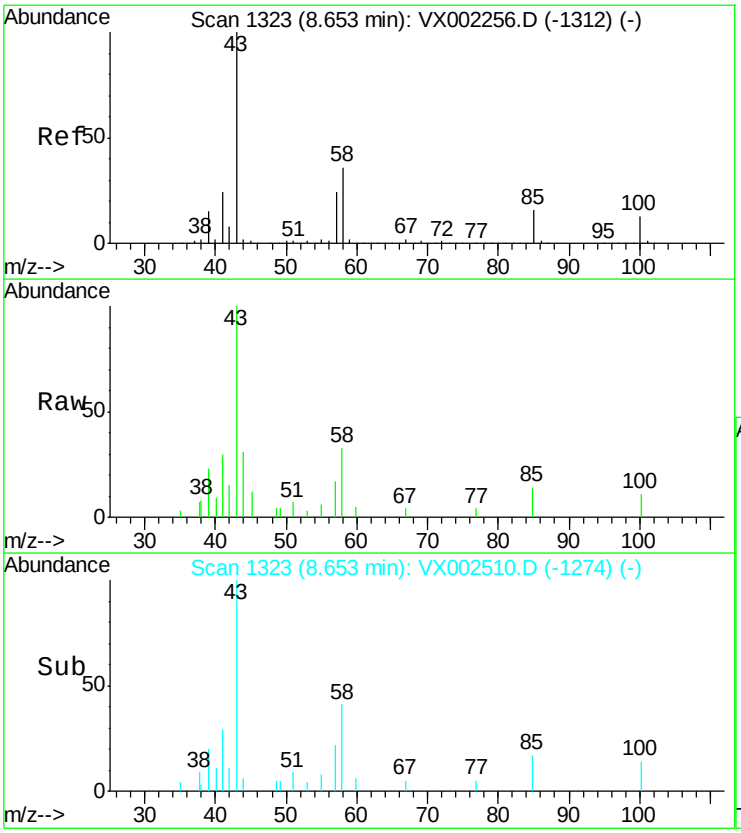
#50
Toluene-d8
Concen: 48.05 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 444038

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3

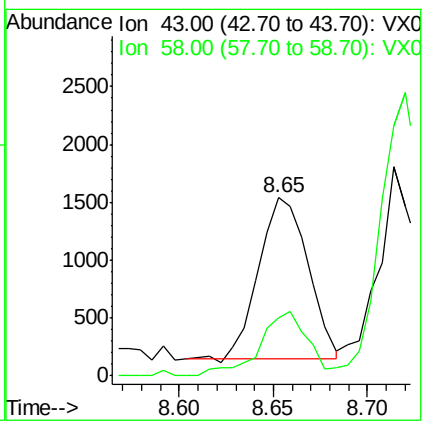


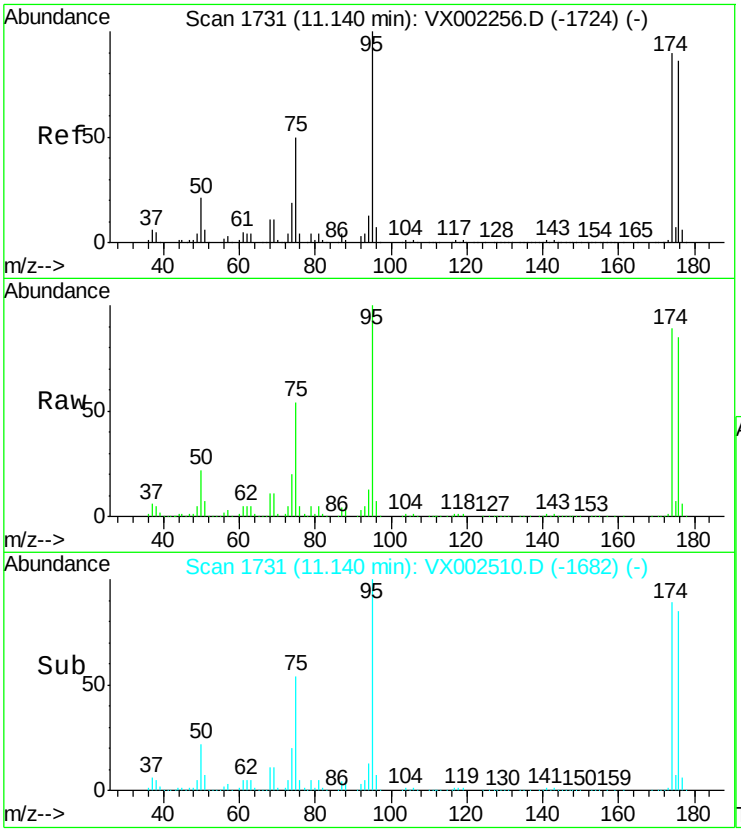


#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 43 Resp: 2523

Ion	Ratio	Lower	Upper
43	100		
58	39.5	28.6	42.8



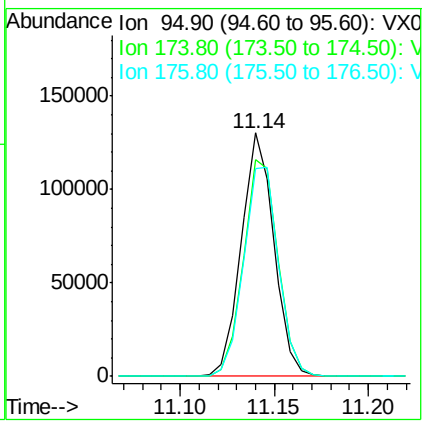


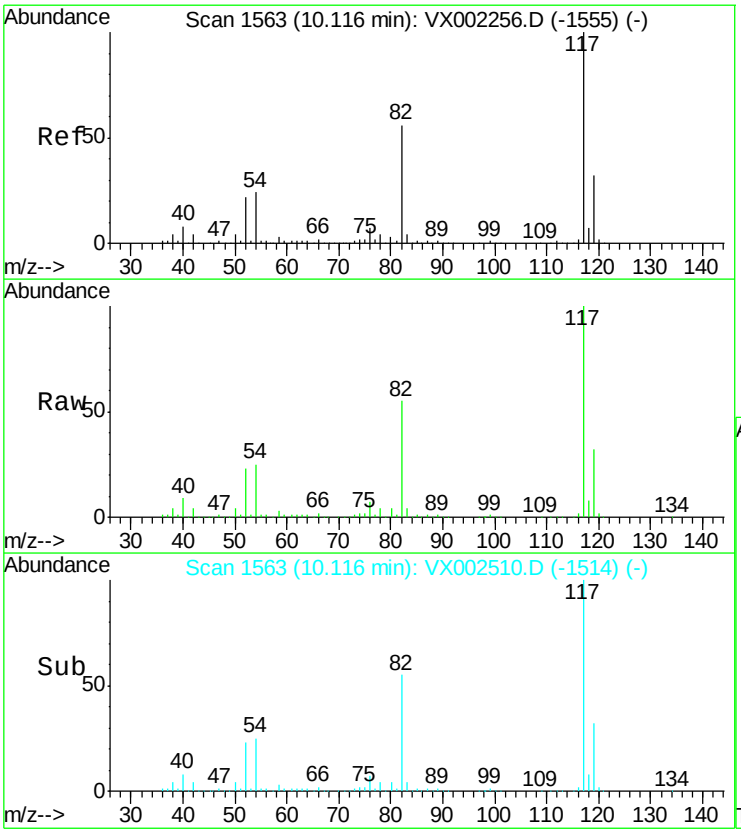
#62
4-Bromofluorobenzene
Concen: 43.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 156360

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	187.4
176	92.1	0.0	181.0

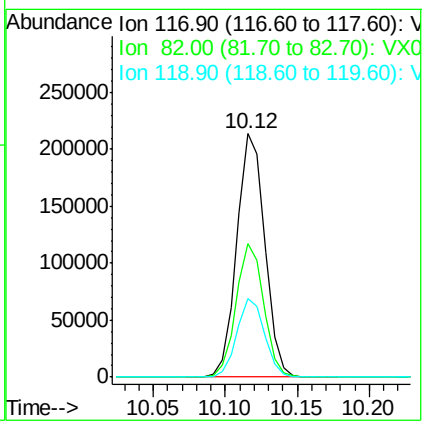


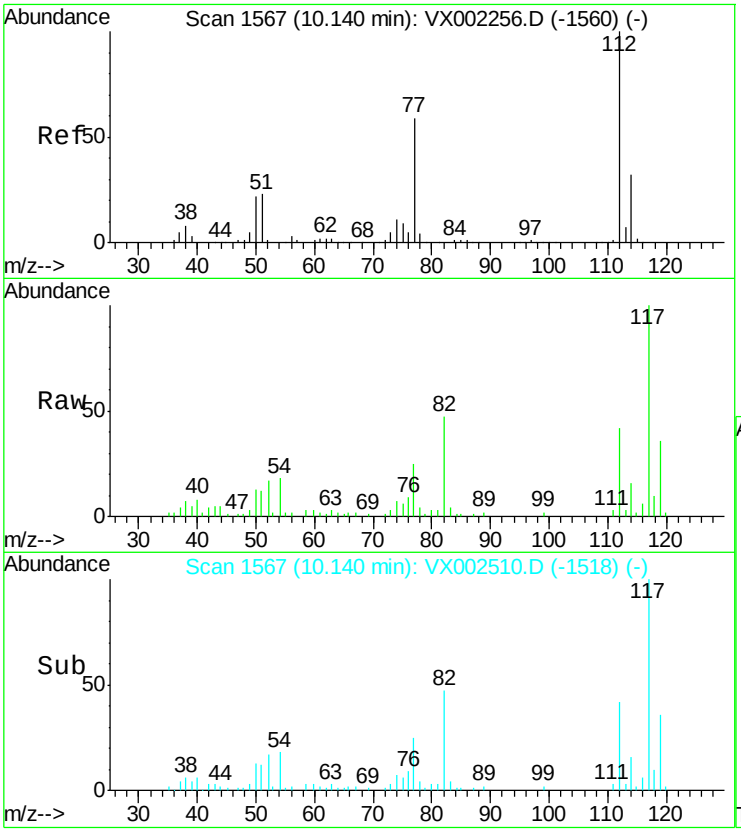


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion:117 Resp: 289061

Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.0	67.4
119	32.5	25.8	38.6



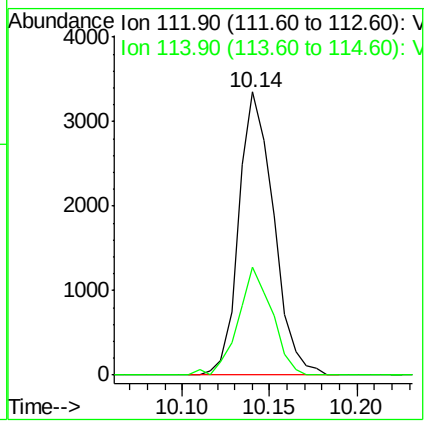


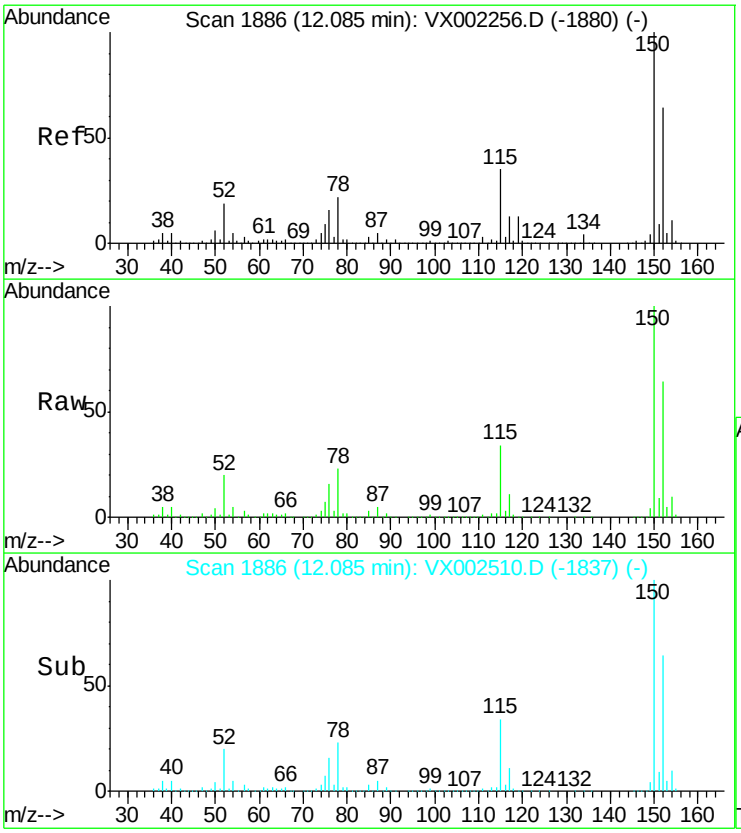
#65
Chlorobenzene
Concen: 0.65 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 4640

Ion	Ratio	Lower	Upper
112	100		
114	38.1	25.3	37.9#

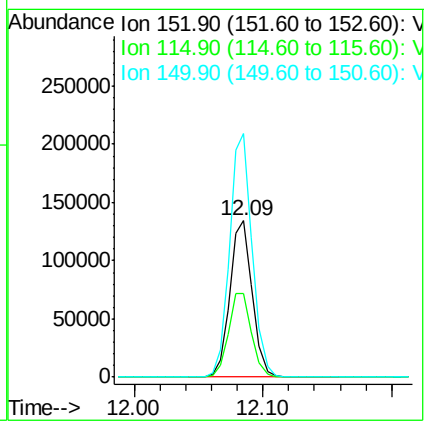


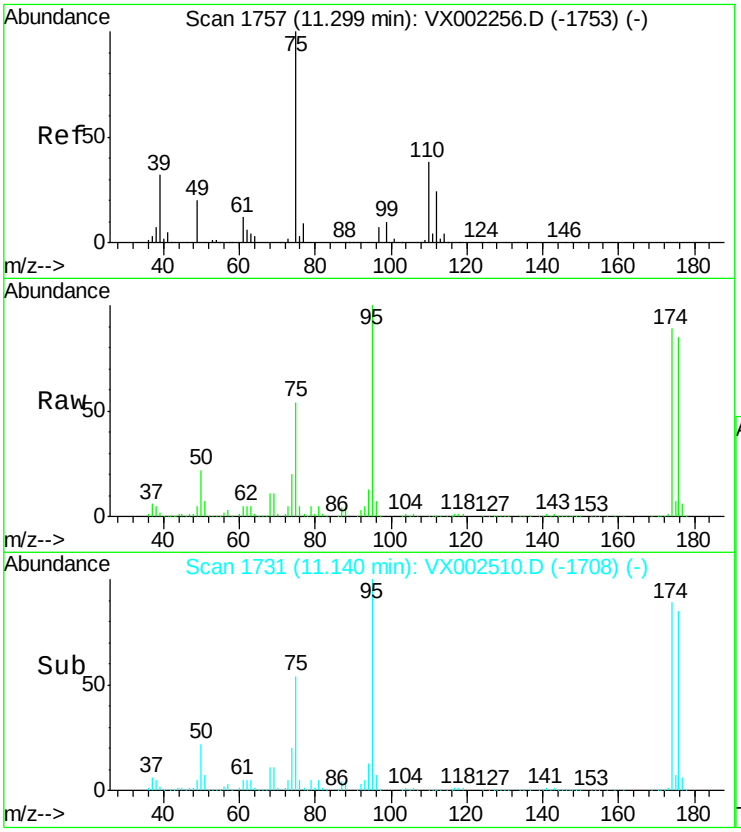


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion:152 Resp: 163070

Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.1	120.2
150	156.8	0.0	347.2



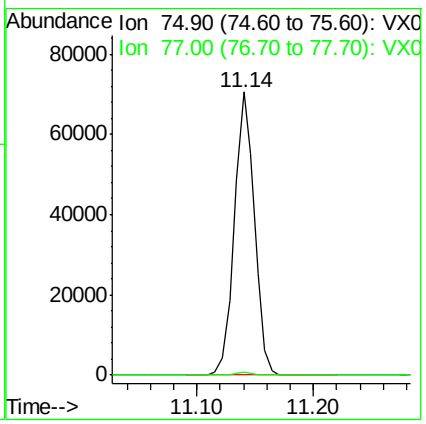


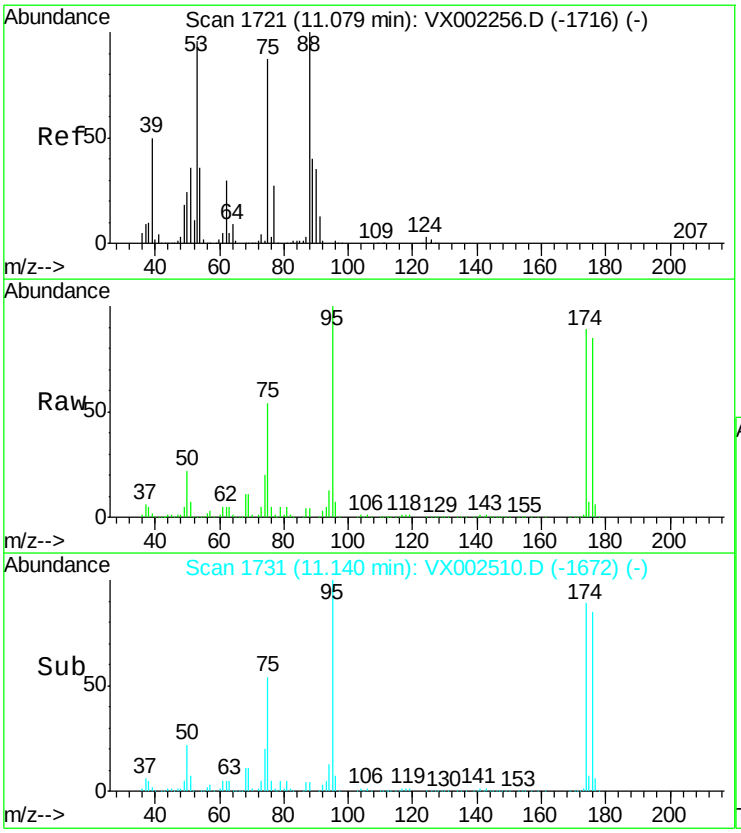
#76
1,2,3-Trichloropropane
Concen: 23.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 84852

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#

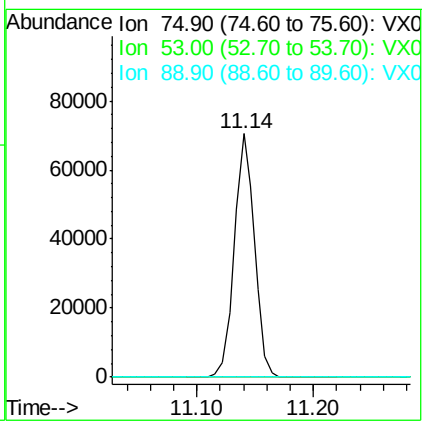


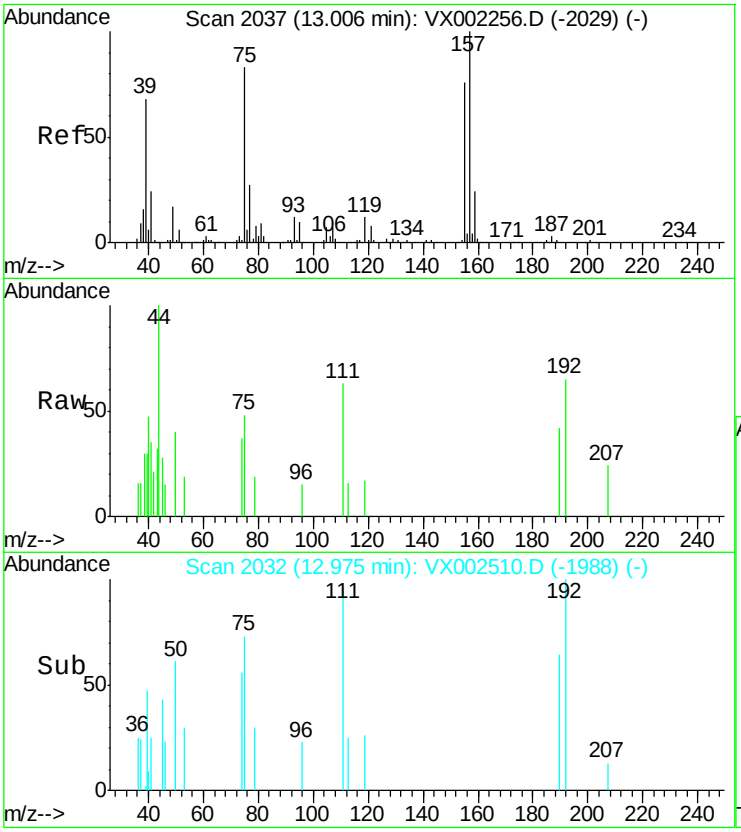


#81
trans-1,4-Dichloro-2-butene
Concen: 83.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Tgt Ion: 75 Resp: 84852

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.22 ug/l
RT: 12.98 min Scan# 2032
Delta R.T. -0.03 min
Lab File: VX002510.D
Acq: 13 Jun 2018 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 168

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.8	137.4#
157	0.0	60.1	180.3#