Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002509.D
Acq On : 13 Jun 2018 14:23
Operator : JC/MD
Sample : PB110148ZHE#16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:44:56 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	203019	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	298849	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	281987	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	154602	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	148543	51.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.50%				
35) Dibromofluoromethane	5.51	113	110055	46.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.66%				
50) Toluene-d8	8.72	98	436058	48.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.82%				
62) 4-Bromofluorobenzene	11.14	95	149978	43.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.36%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	521	Below Cal		#	84
5) Bromomethane	1.65	94	789	Below Cal		#	61
8) Diethyl Ether	2.20	74	96	Below Cal			60
10) Methyl Iodide	2.53	142	1309	0.43	ug/l	#	81
11) Tert butyl alcohol	3.03	59	2228	Below Cal		#	84
13) Acrolein	2.30	56	248	Below Cal		#	61
15) Acrylonitrile	3.15	53	232	Below Cal		#	70
16) Acetone	2.45	43	21800	Below Cal			90
18) Methyl Acetate	2.78	43	21270	4.88	ug/l		97
19) Methyl tert-butyl Ether	3.21	73	25	Below Cal		#	1
20) Methylene Chloride	2.87	84	5345	Below Cal		#	83
22) Diisopropyl ether	3.87	45	232	Below Cal		#	35
25) 2-Butanone	4.71	43	4803	2.41	ug/l	#	74
28) Bromochloromethane	5.02	49	66	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	777	0.61	ug/l		94
36) 1,1-Dichloropropene	5.67	75	15322	4.88	ug/l	#	41
38) Carbon Tetrachloride	5.67	117	18800	5.72	ug/l	#	16
39) Methylcyclohexane	7.47	83	32	0.27	ug/l	#	30
51) 4-Methyl-2-Pentanone	8.65	43	2322	0.58	ug/l		92
65) Chlorobenzene	10.14	112	4500	0.64	ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	82856	24.42	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.14	75	82856	85.62	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	258	0.35	ug/l	#	1

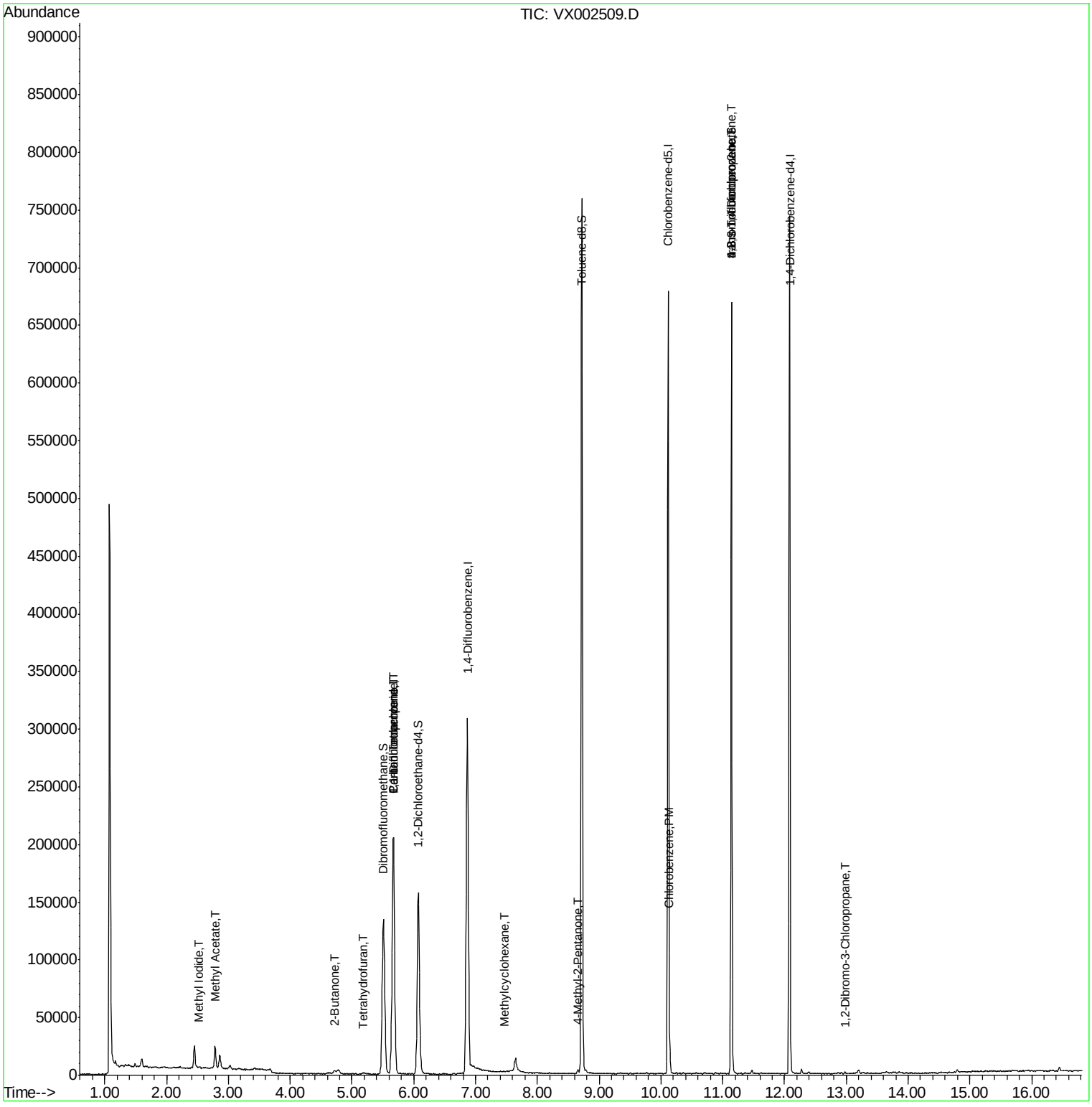
(#) = qualifier out of range (m) = manual integration (+) = signals summed

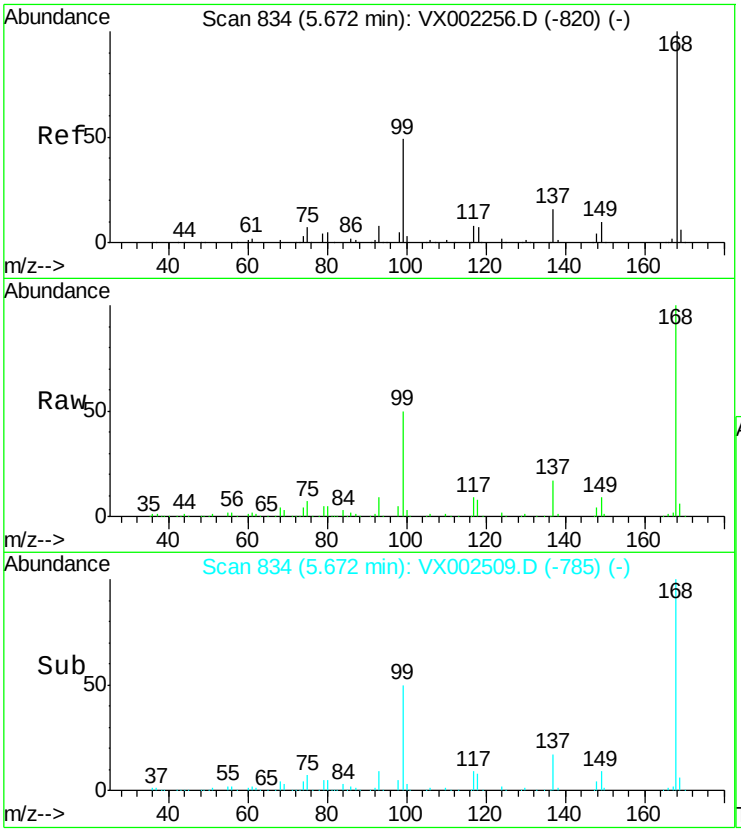
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002509.D
Acq On : 13 Jun 2018 14:23
Operator : JC/MD
Sample : PB110148ZHE#16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:44:56 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



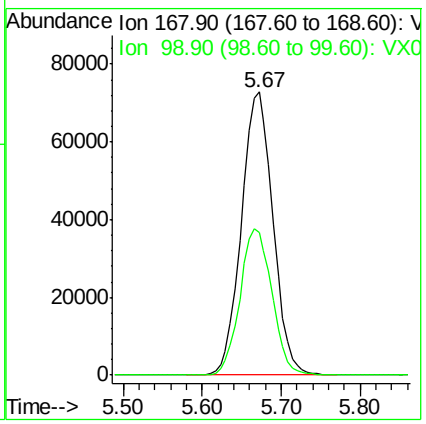


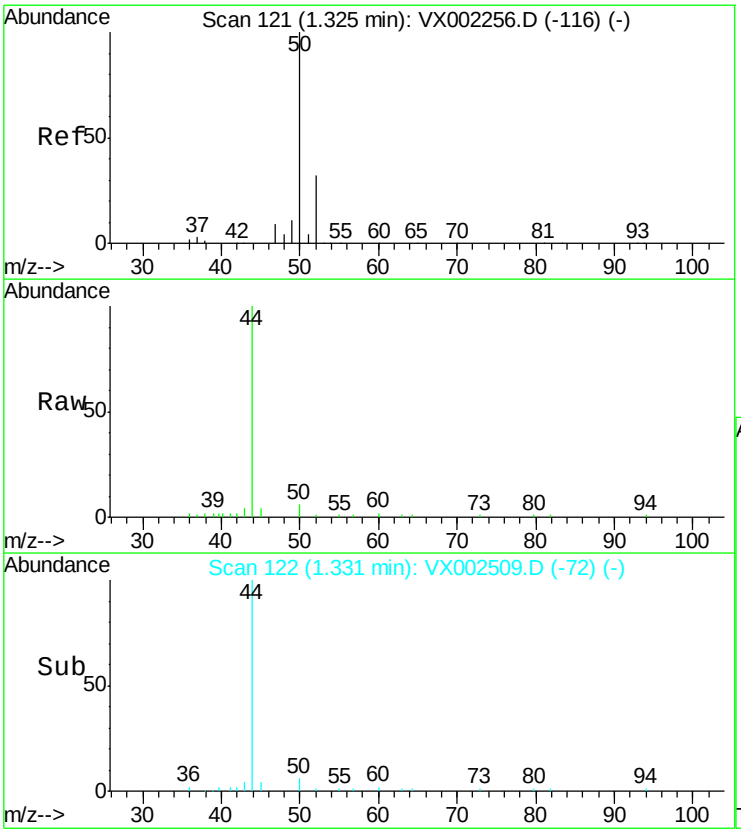
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 203019

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.3	58.9

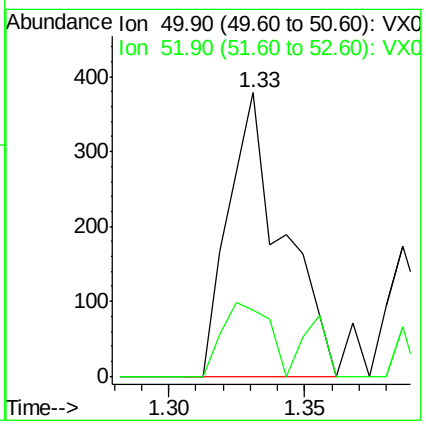


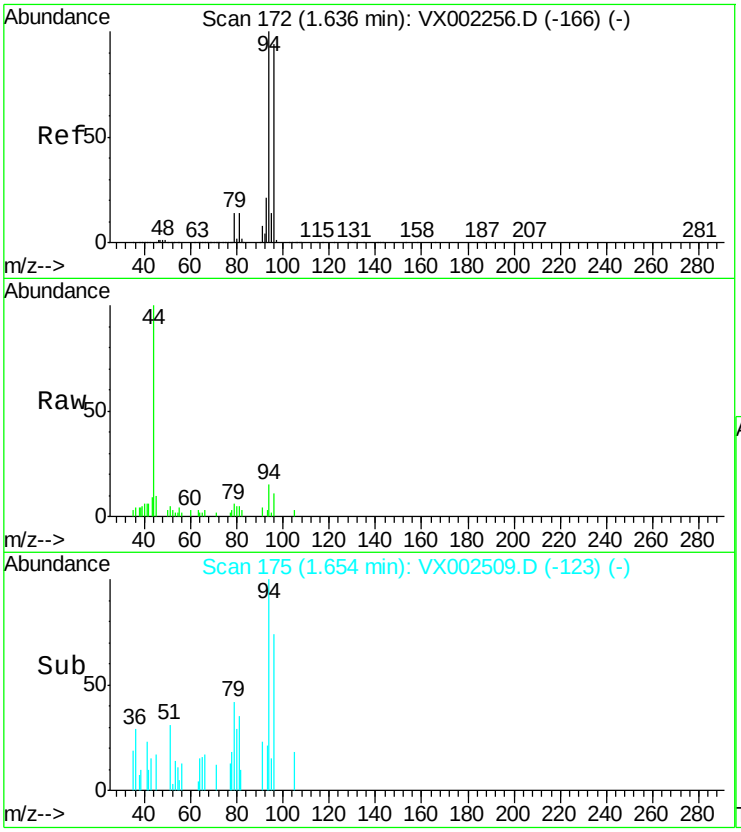


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 50 Resp: 521

Ion	Ratio	Lower	Upper
50	100		
52	23.3	25.7	38.5#



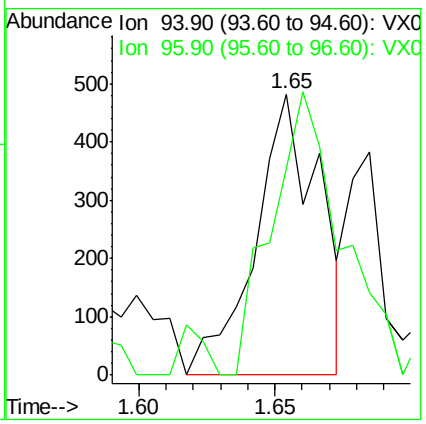


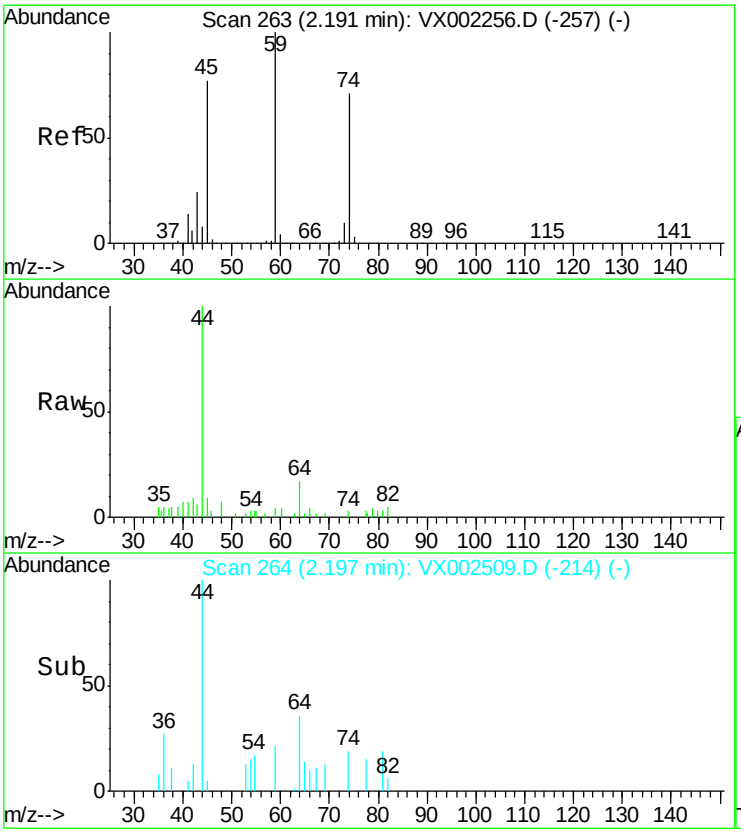
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 789

Ion	Ratio	Lower	Upper
94	100		
96	55.8	74.9	112.3#

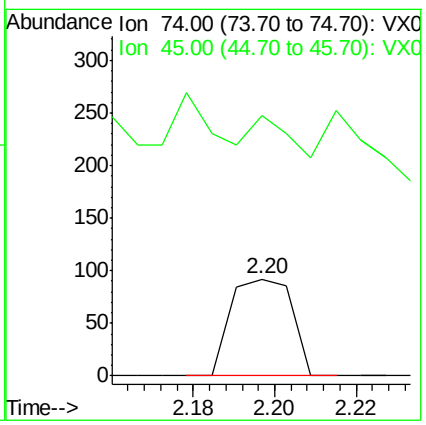


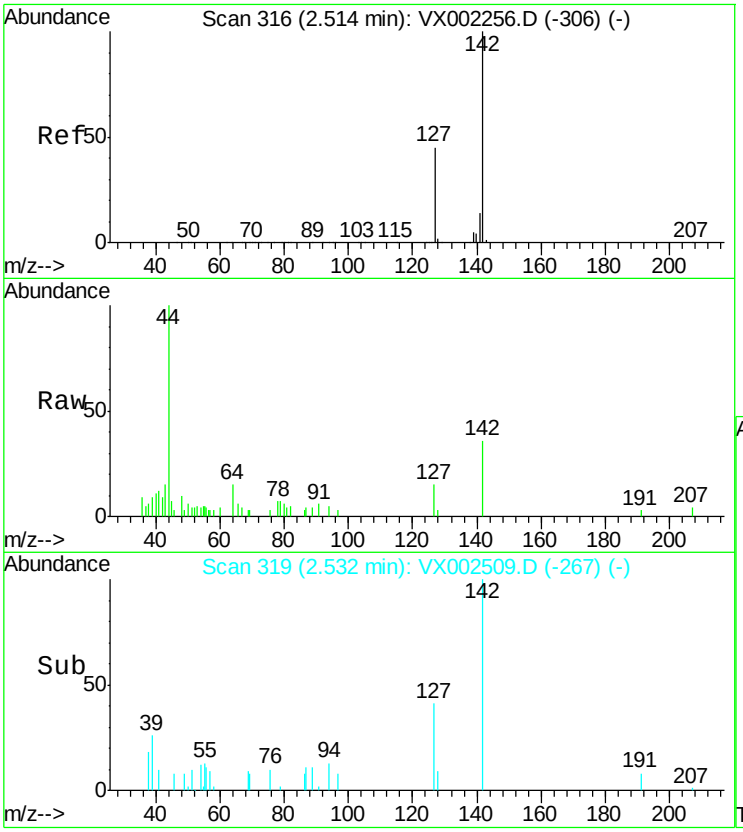


#8
Diethyl Ether
Concen: Below Cal
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 74 Resp: 96

Ion	Ratio	Lower	Upper
74	100		
45	147.9	53.1	159.4



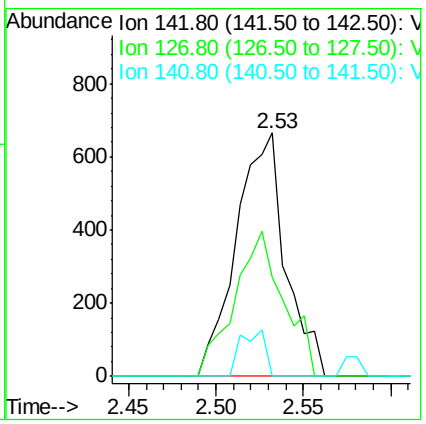


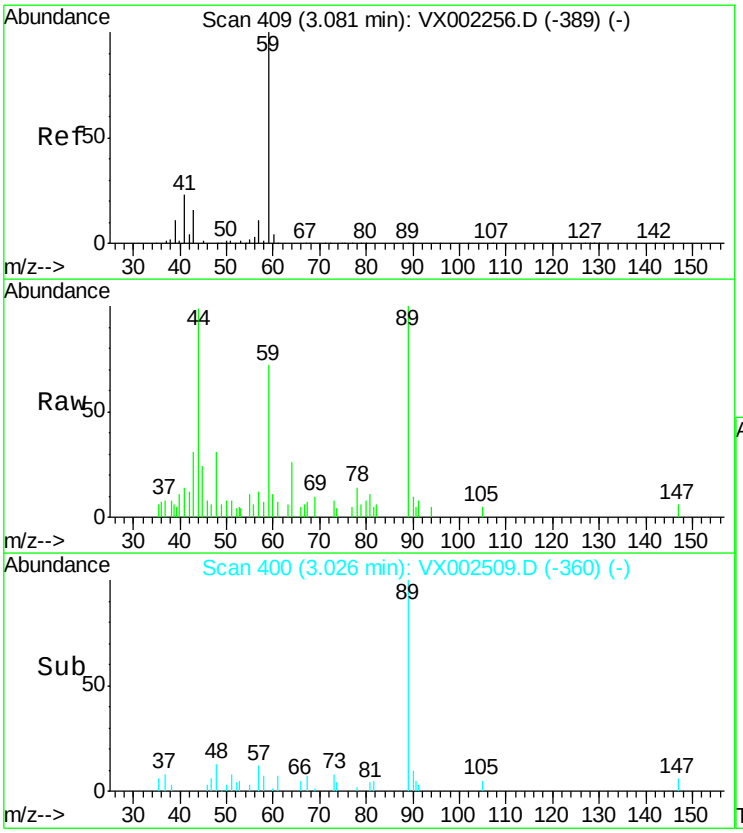
#10
Methyl Iodide
Concen: 0.43 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1309

Ion	Ratio	Lower	Upper
142	100		
127	59.5	36.6	55.0#
141	9.4	11.3	16.9#

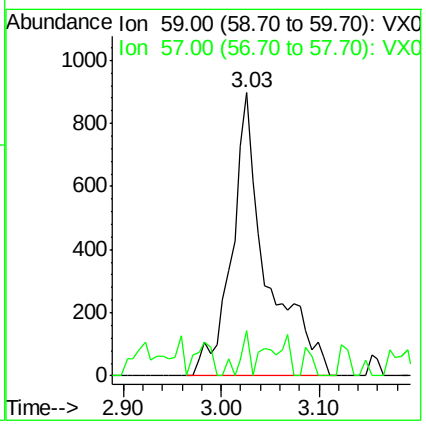


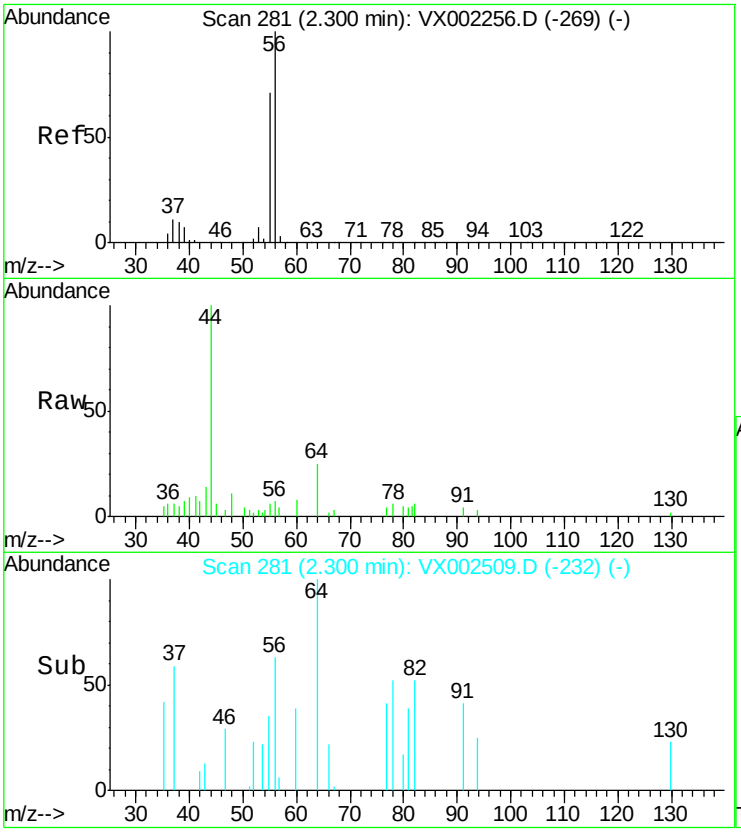


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 59 Resp: 2228

Ion	Ratio	Lower	Upper
59	100		
57	4.1	8.2	12.2#



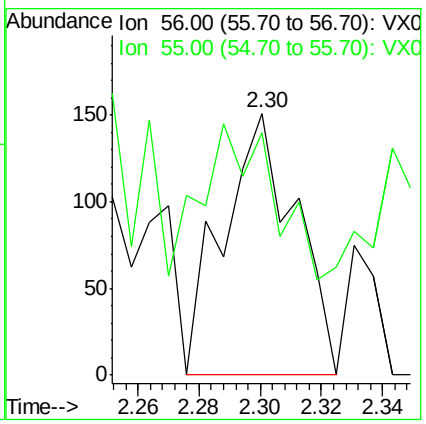


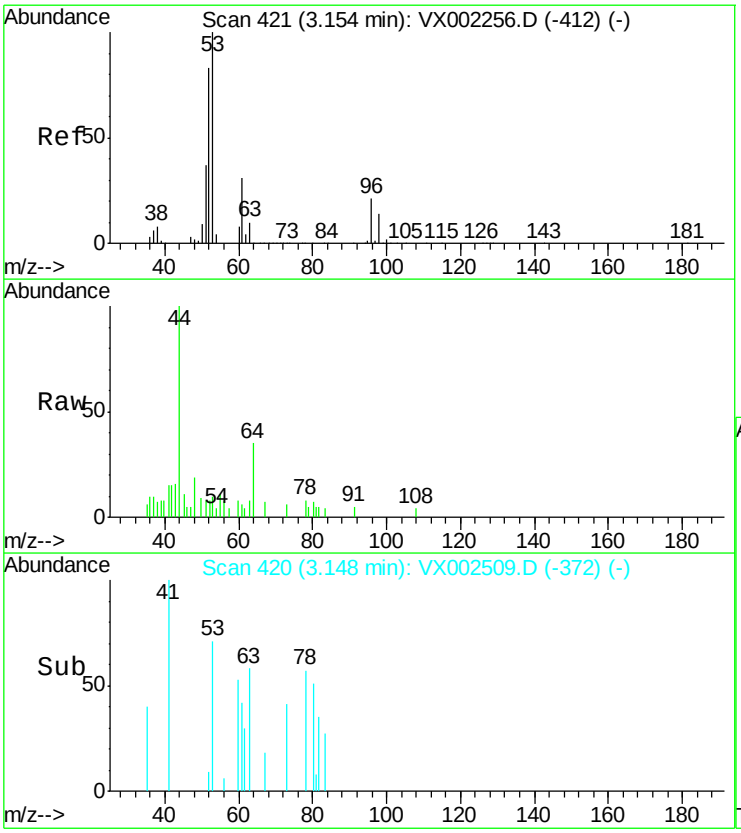
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 248

Ion	Ratio	Lower	Upper
56	100		
55	38.7	57.0	85.4#

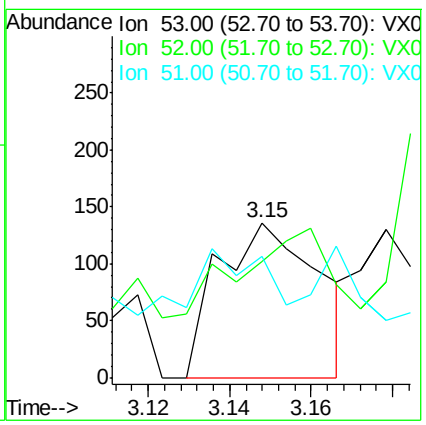


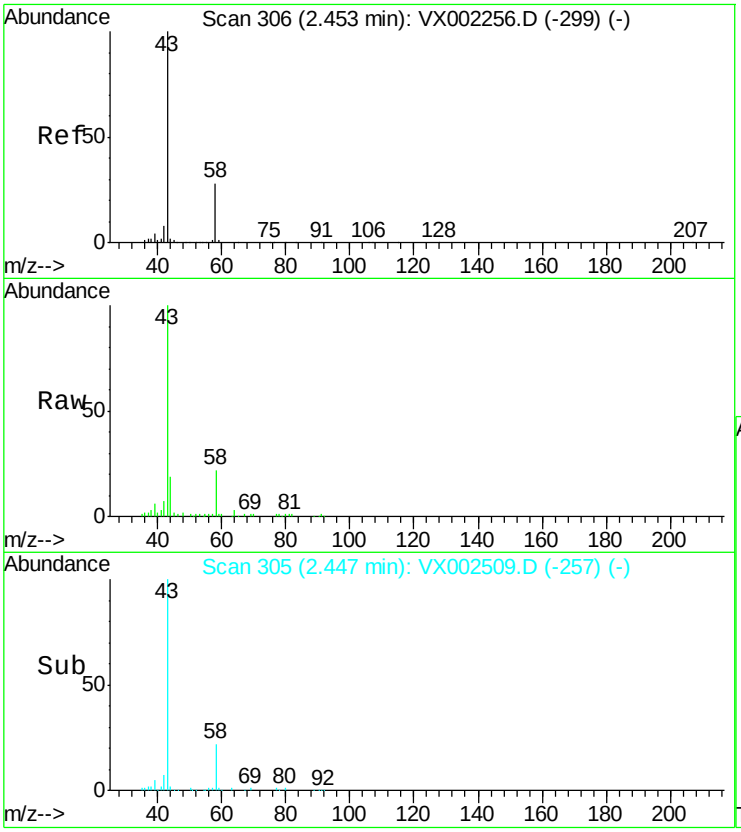


#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 53 Resp: 232

Ion	Ratio	Lower	Upper
53	100		
52	69.4	66.7	100.1
51	0.0	29.9	44.9#



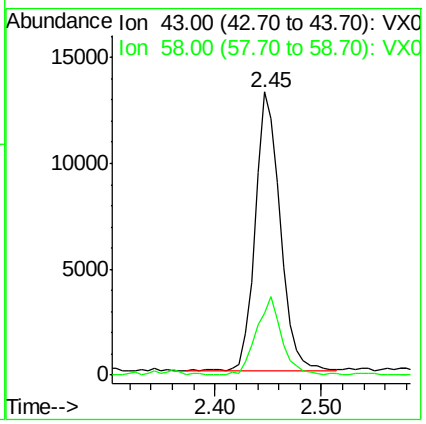


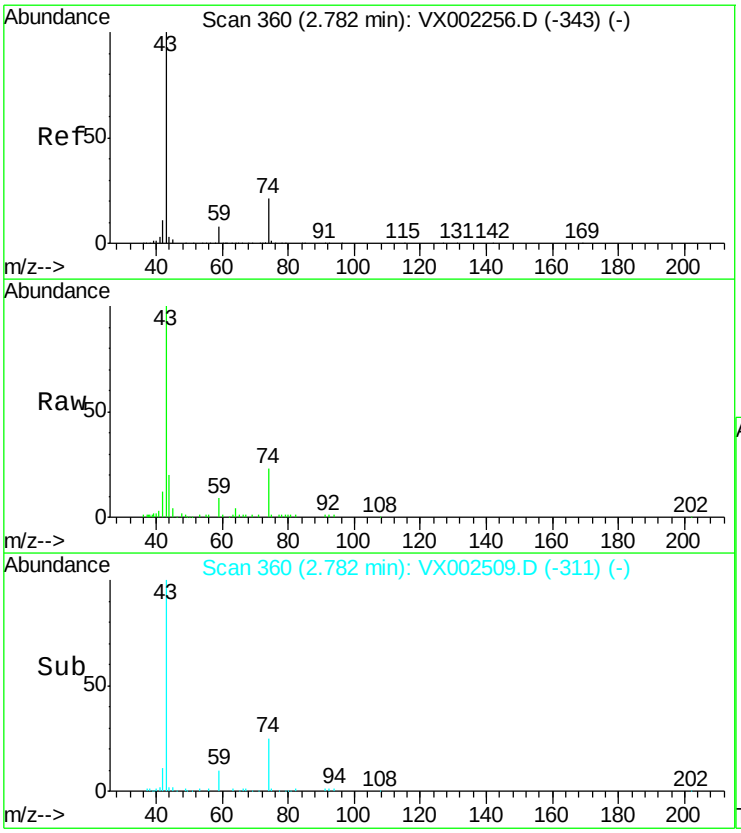
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21800

Ion	Ratio	Lower	Upper
43	100		
58	22.2	22.1	33.1

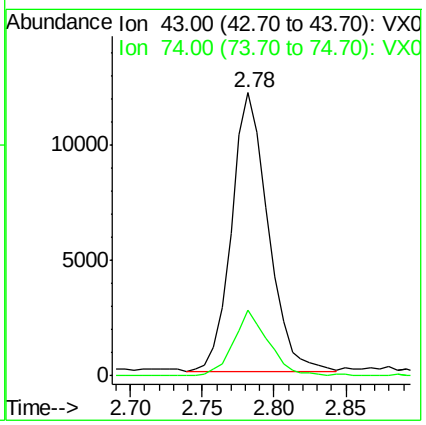


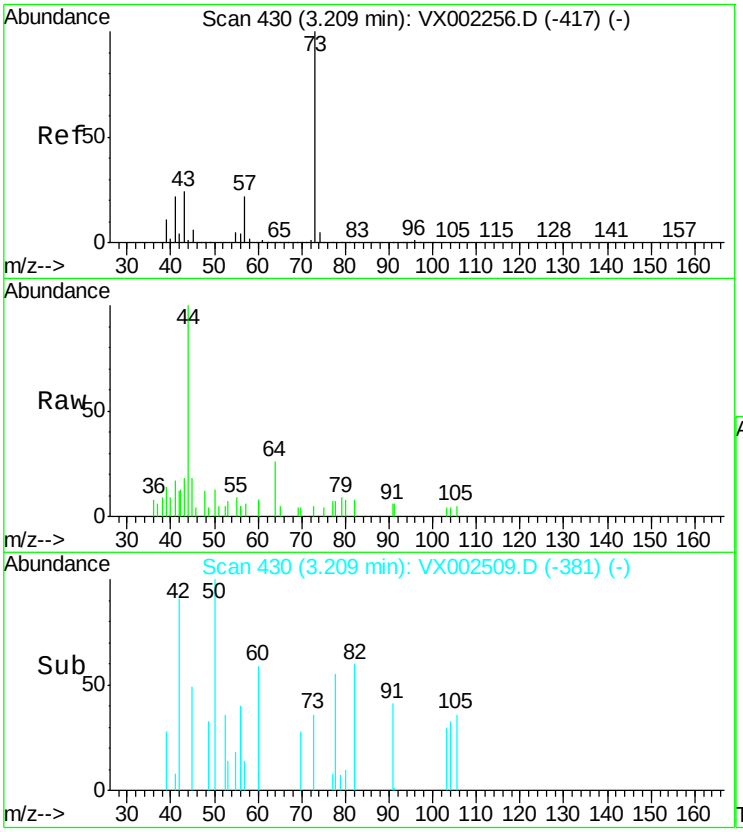


#18
Methyl Acetate
Concen: 4.88 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 43 Resp: 21270

Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.7	25.1



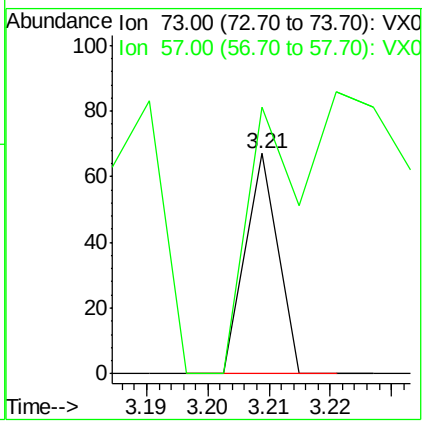


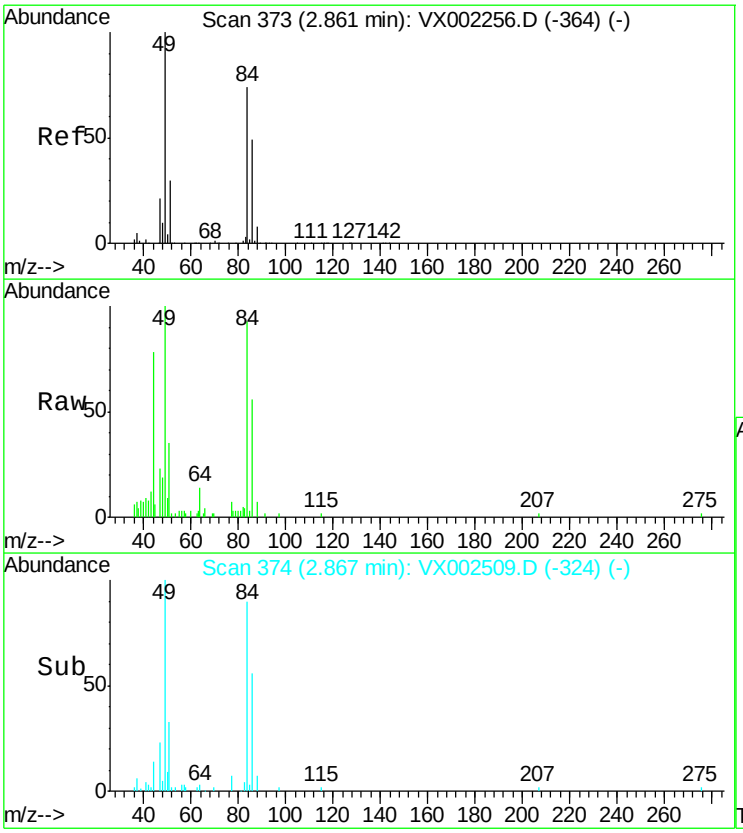
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 25

Ion	Ratio	Lower	Upper
73	100		
57	120.9	17.7	26.5#

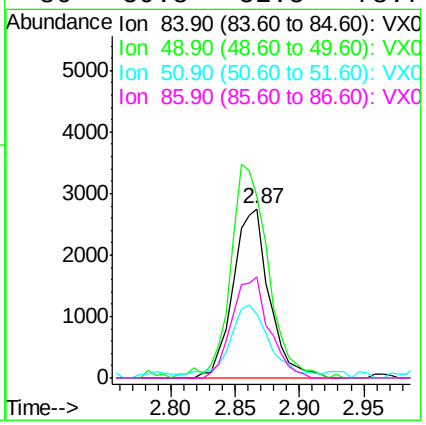


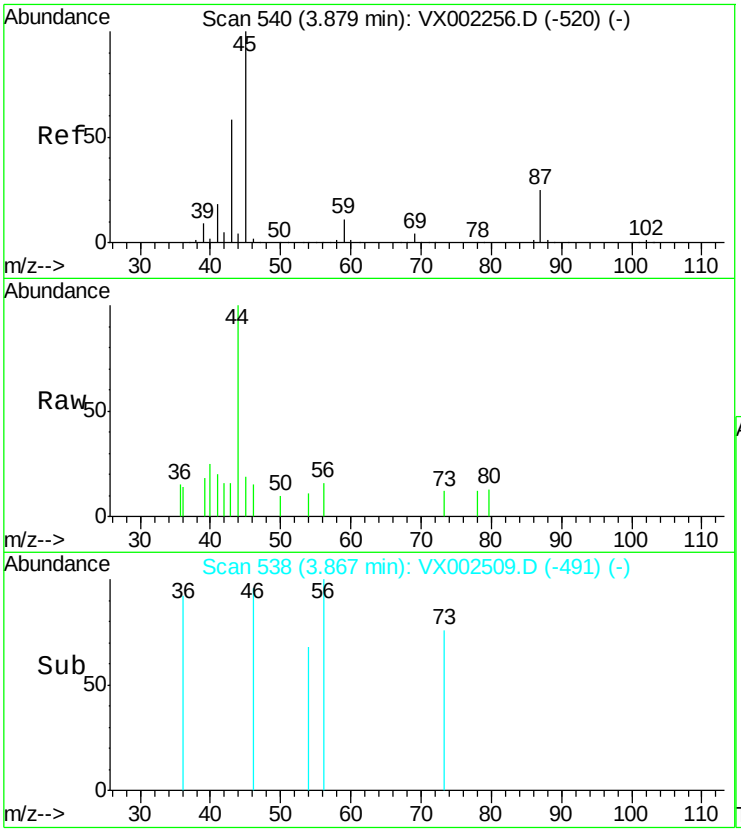


#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 84 Resp: 5345

Ion	Ratio	Lower	Upper
84	100		
49	105.7	107.8	161.6#
51	35.9	32.8	49.2
86	59.8	52.5	78.7



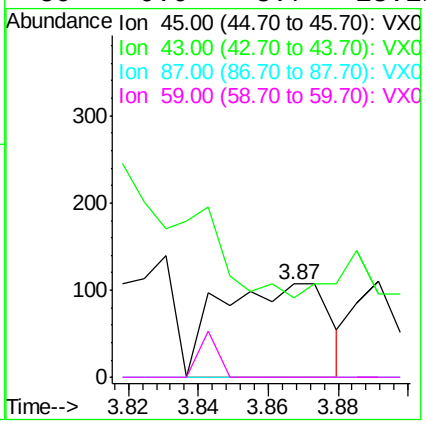


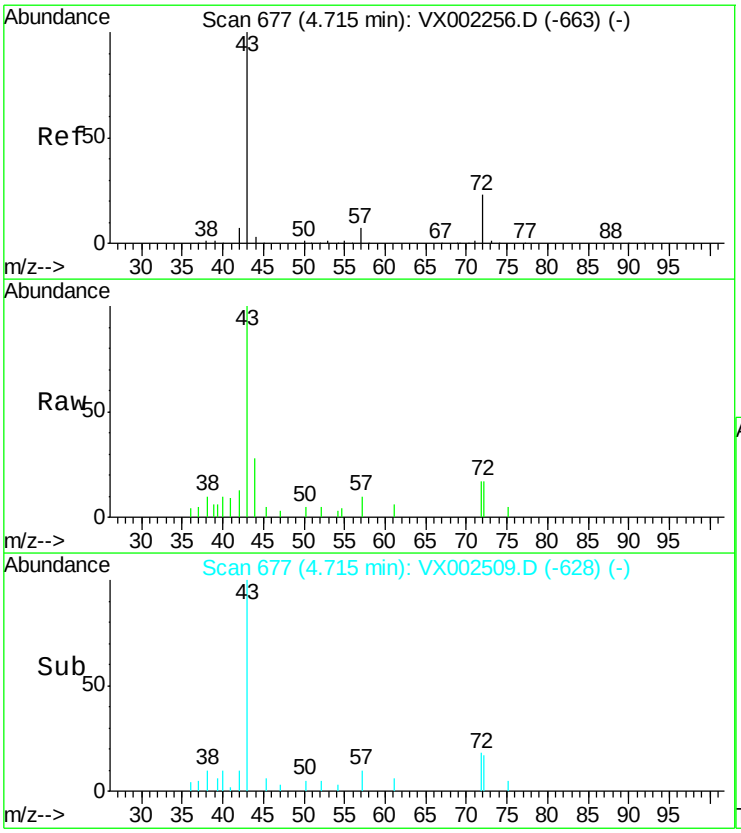
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 232

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#

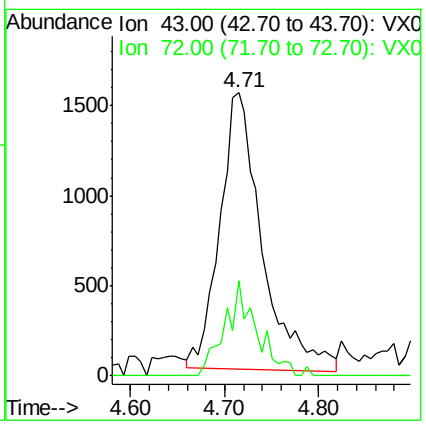


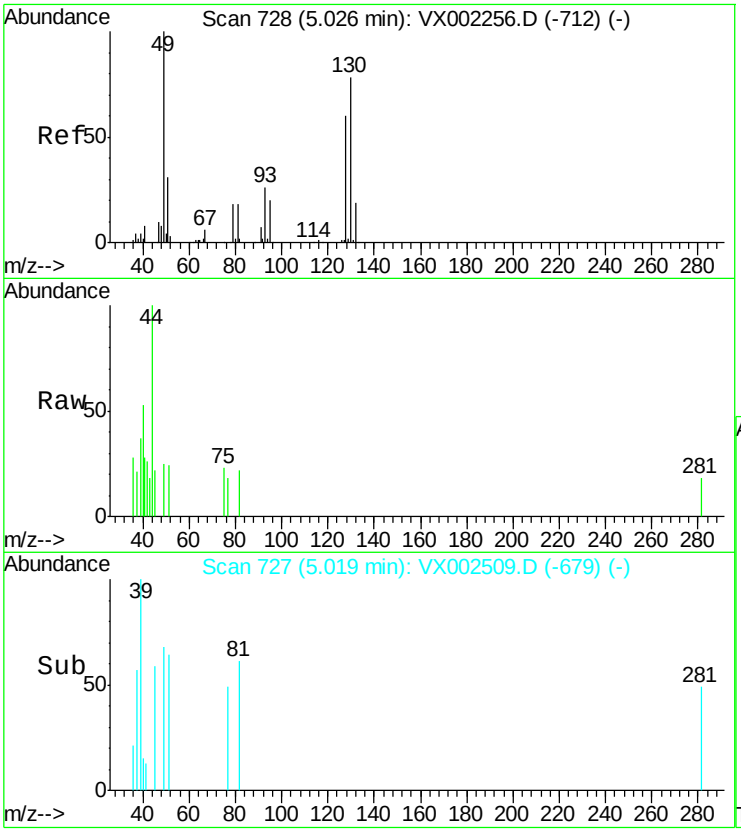


#25
2-Butanone
Concen: 2.41 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 43 Resp: 4803

Ion	Ratio	Lower	Upper
43	100		
72	35.7	18.5	27.7#



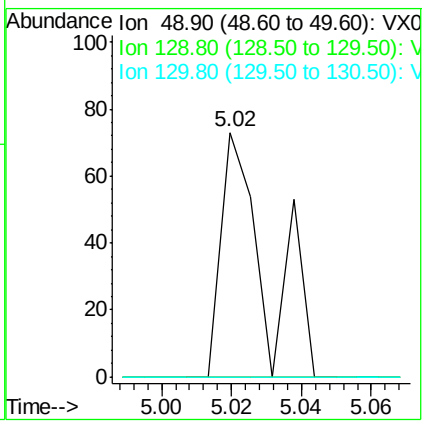


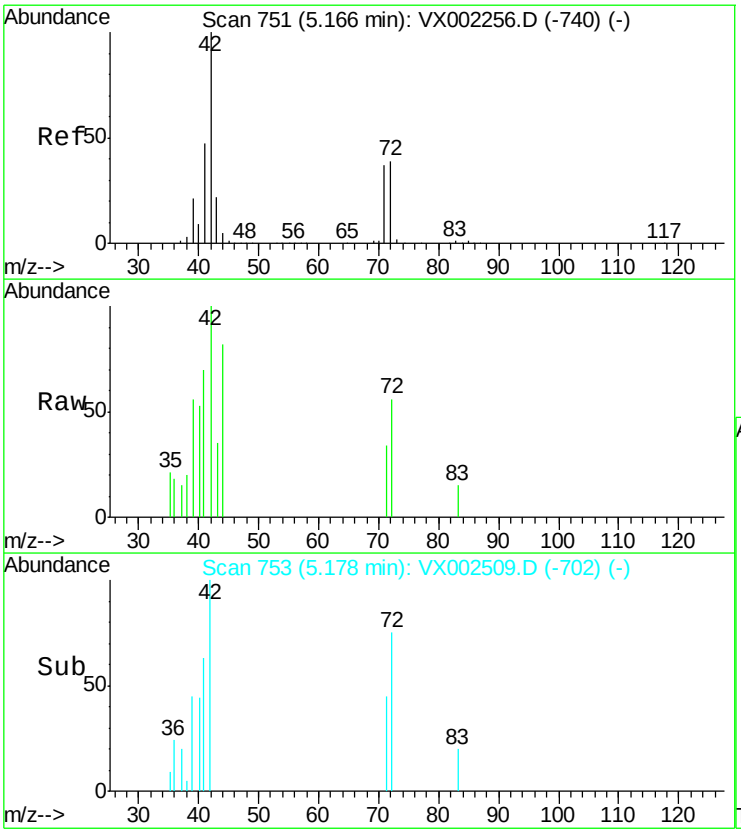
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 66

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

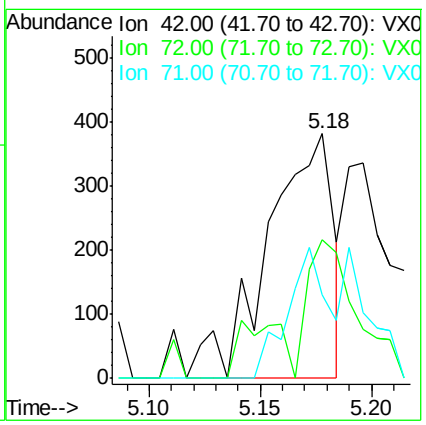


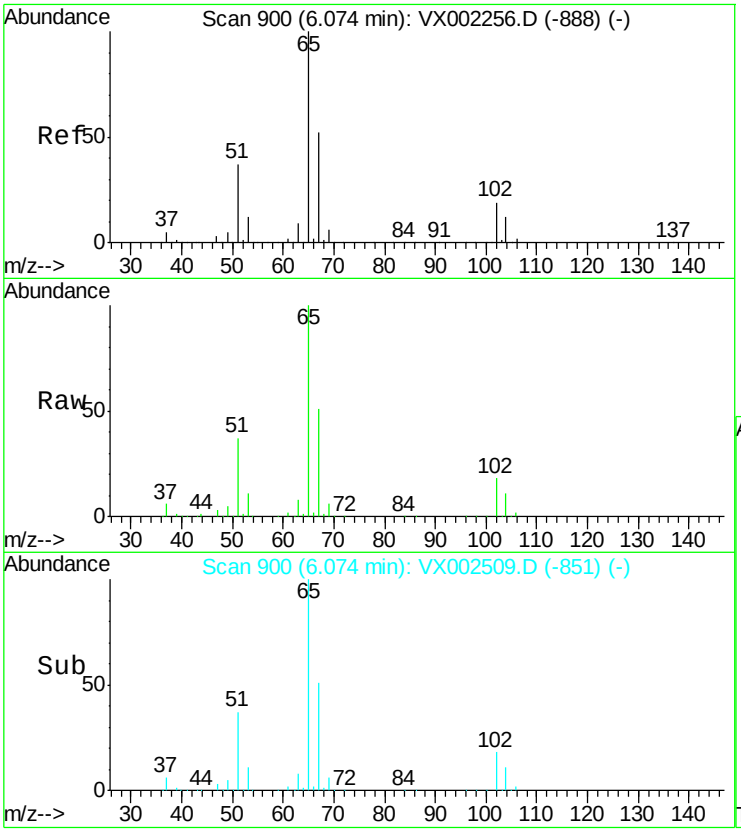


#29
Tetrahydrofuran
Concen: 0.61 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 42 Resp: 777

Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.0	48.0
71	32.8	30.1	45.1



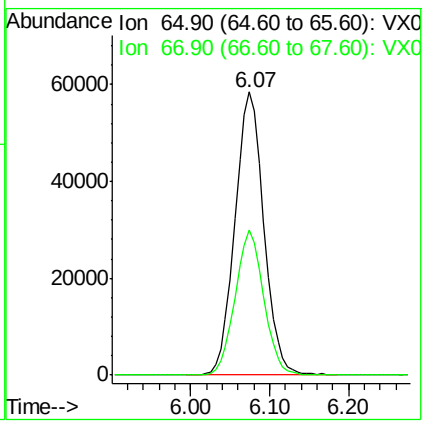


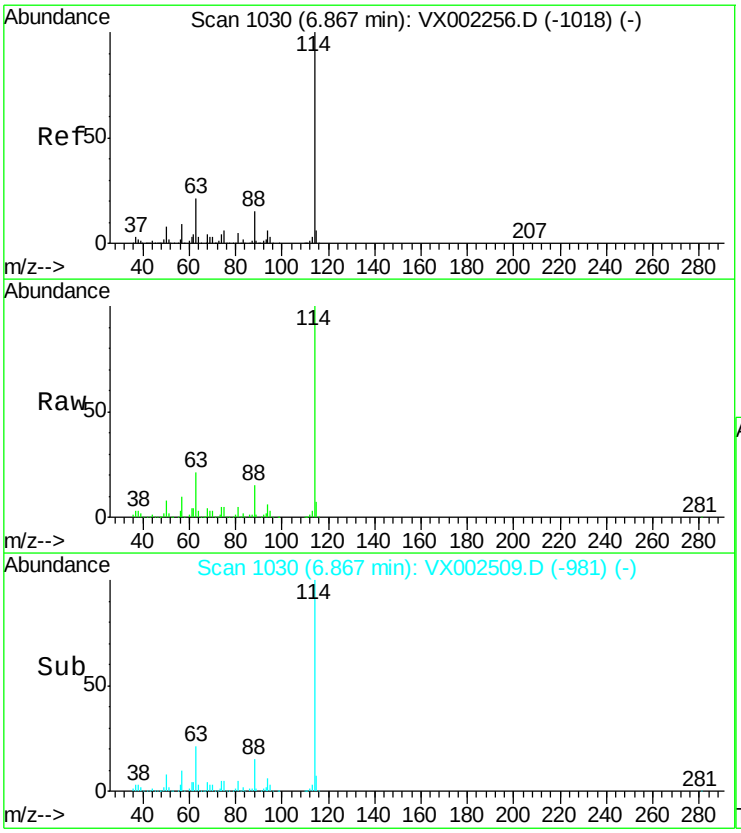
#33
1,2-Dichloroethane-d4
Concen: 51.25 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 148543

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6

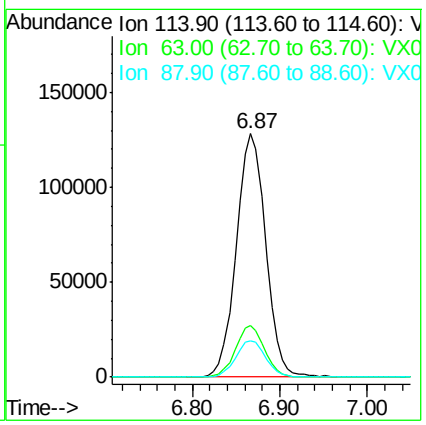


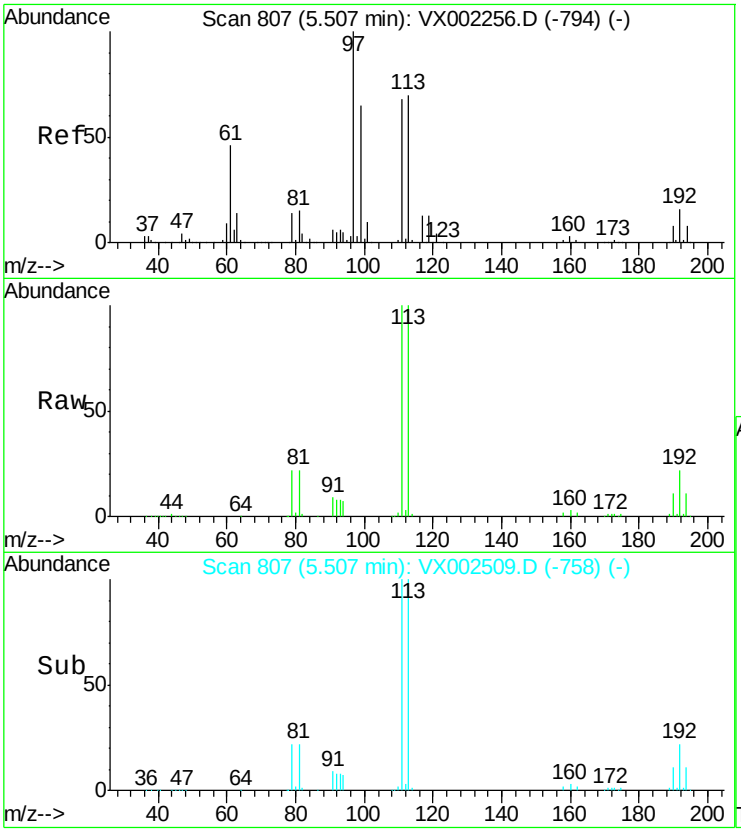


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion:114 Resp: 298849

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.4
88	15.0	0.0	30.0



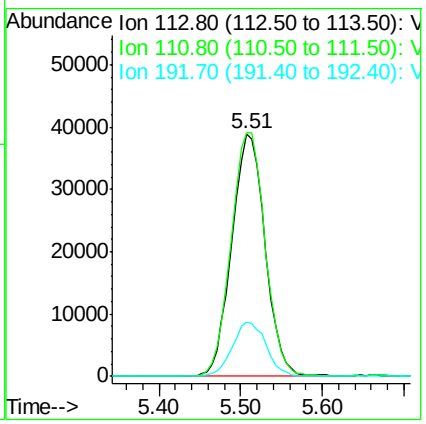


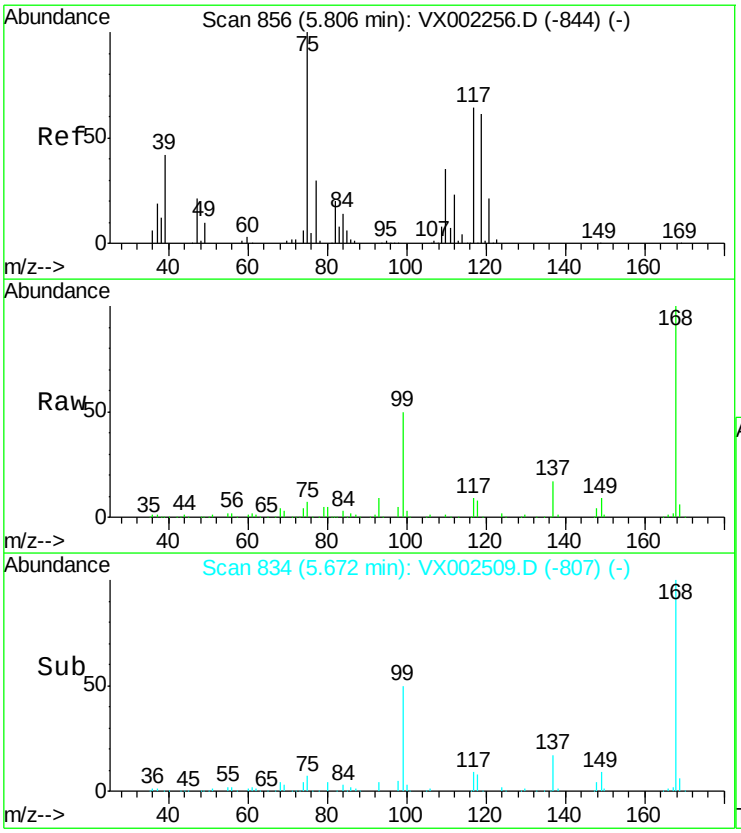
#35
Dibromofluoromethane
Concen: 46.83 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 110055

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	22.7	19.1	28.7

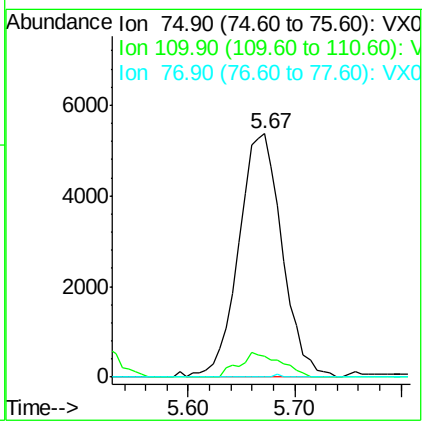


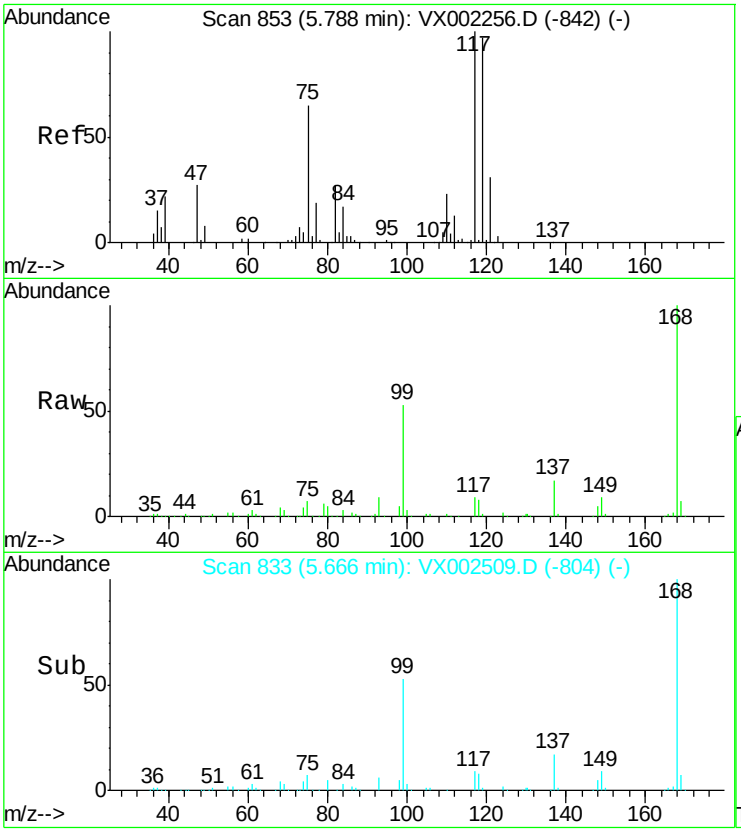


#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 75 Resp: 15322

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.1	24.3	36.5#



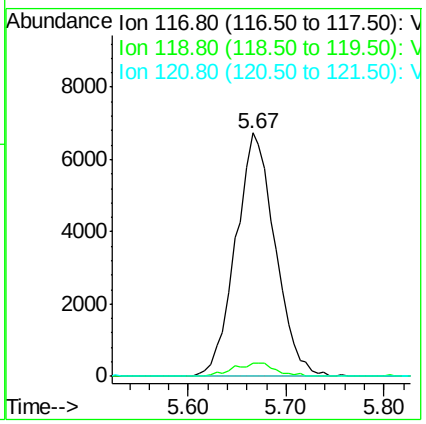


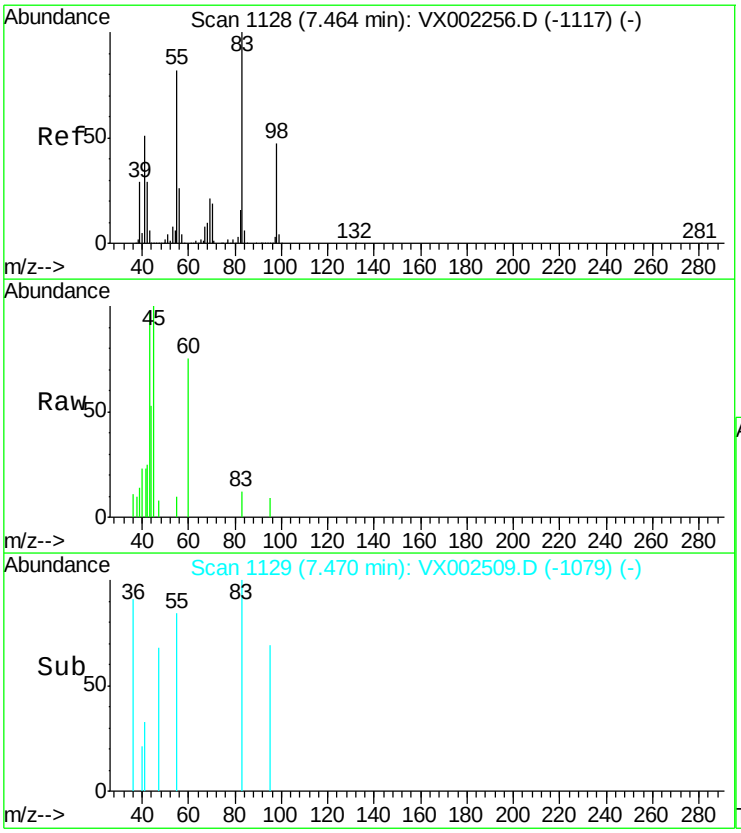
#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 18800

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.4	116.0#
121	0.0	24.4	36.6#

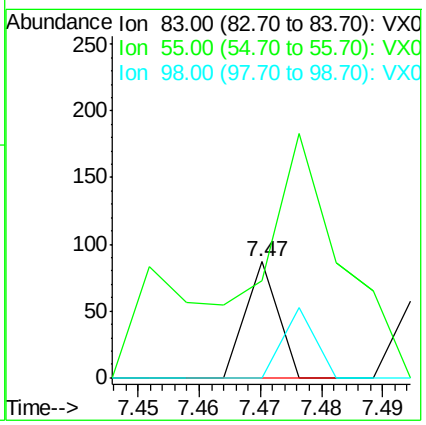


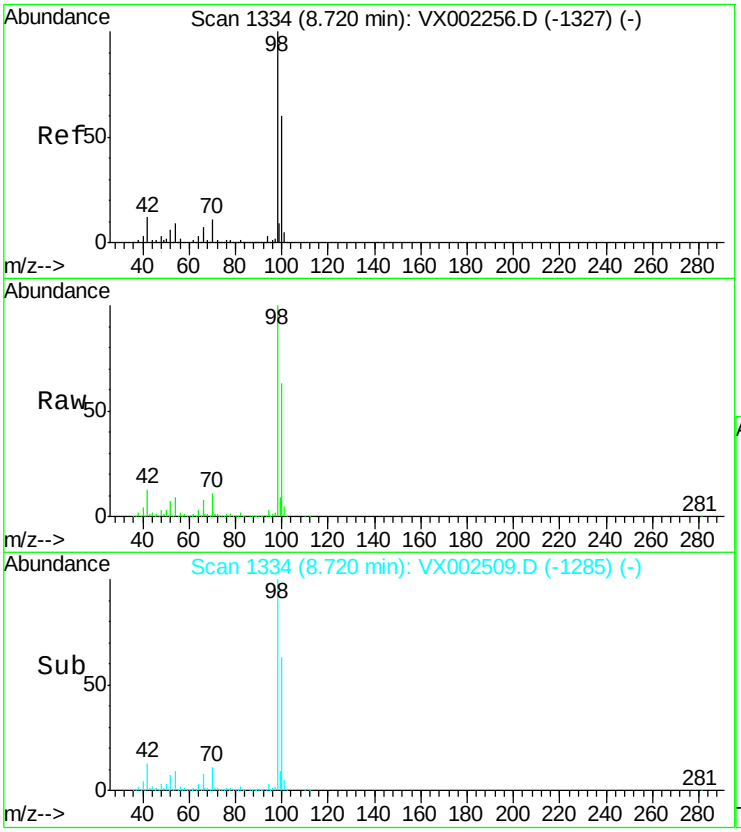


#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 83 Resp: 32

Ion	Ratio	Lower	Upper
83	100		
55	19.5	65.4	98.0#
98	0.0	37.4	56.0#



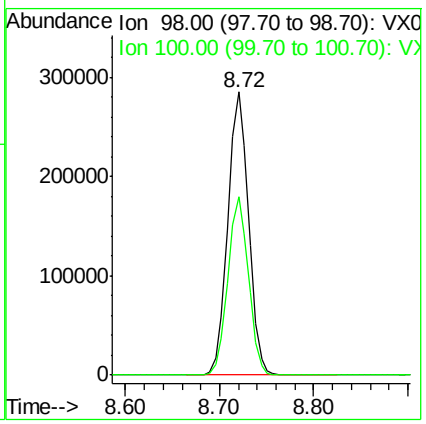


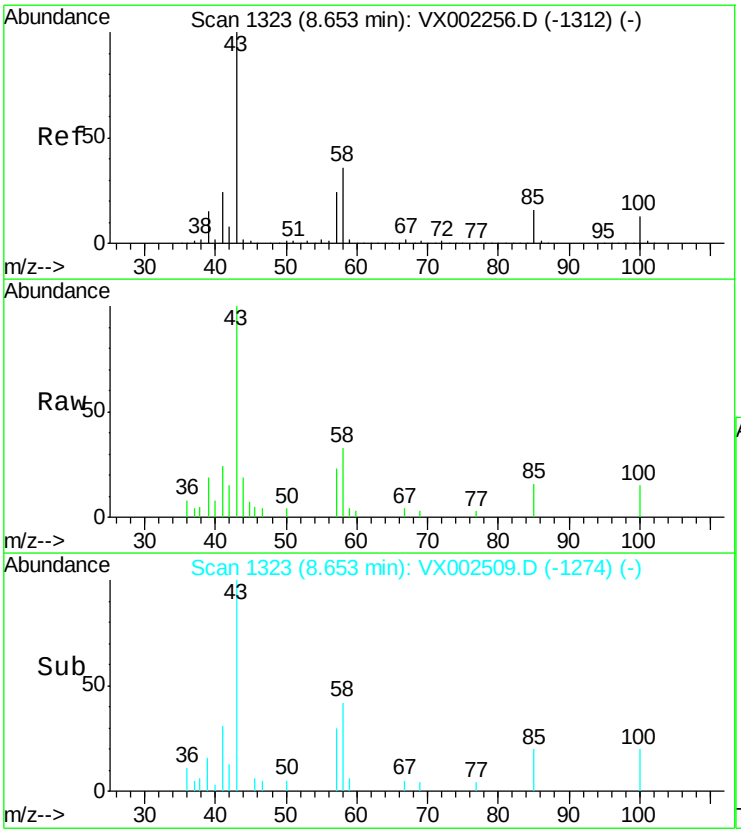
#50
Toluene-d8
Concen: 48.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 436058

Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.9	76.3

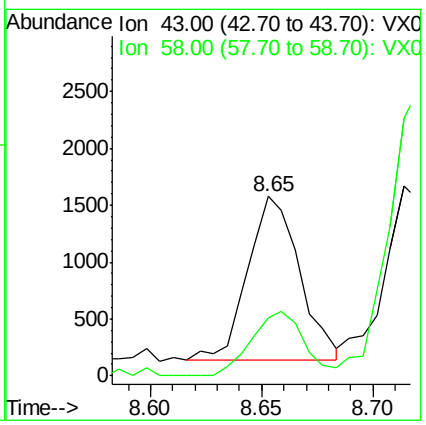


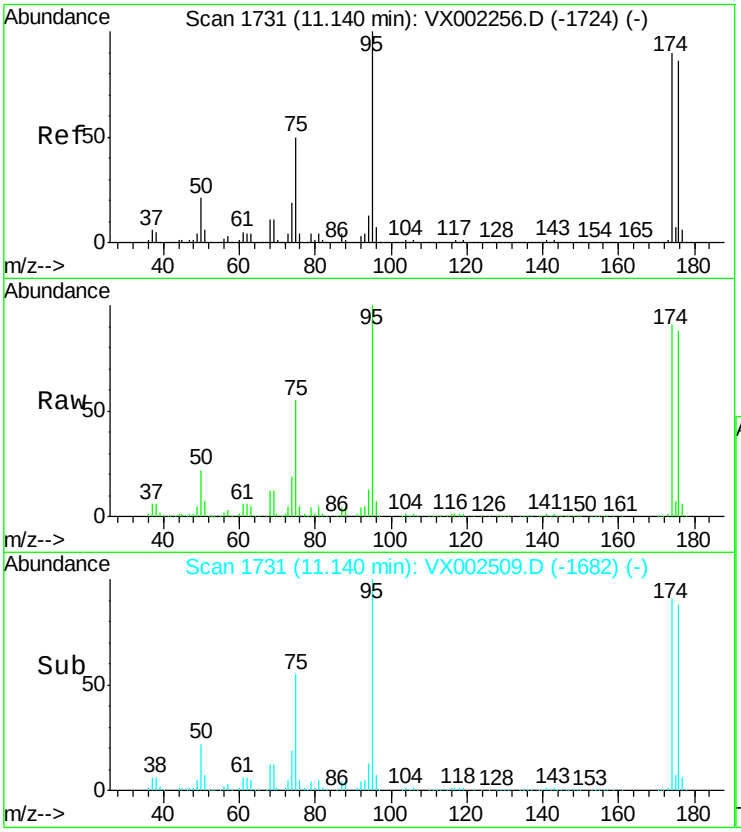


#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 43 Resp: 2322

Ion	Ratio	Lower	Upper
43	100		
58	40.3	28.6	42.8



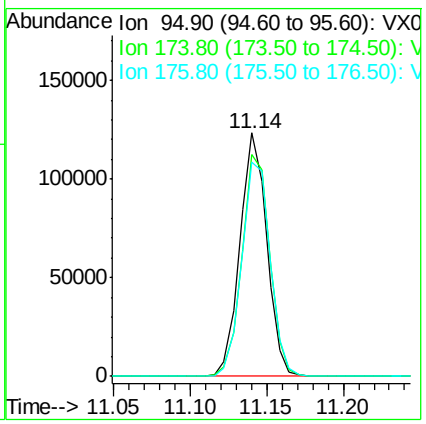


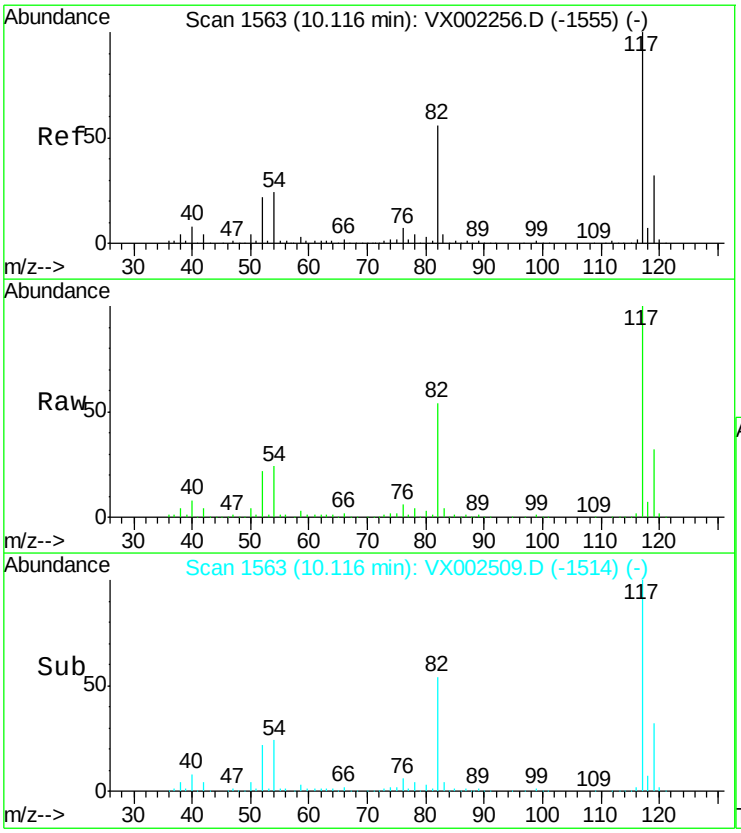
#62
4-Bromofluorobenzene
Concen: 43.18 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 149978

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	187.4
176	93.4	0.0	181.0

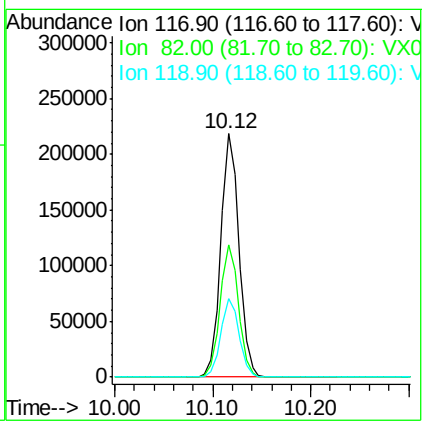


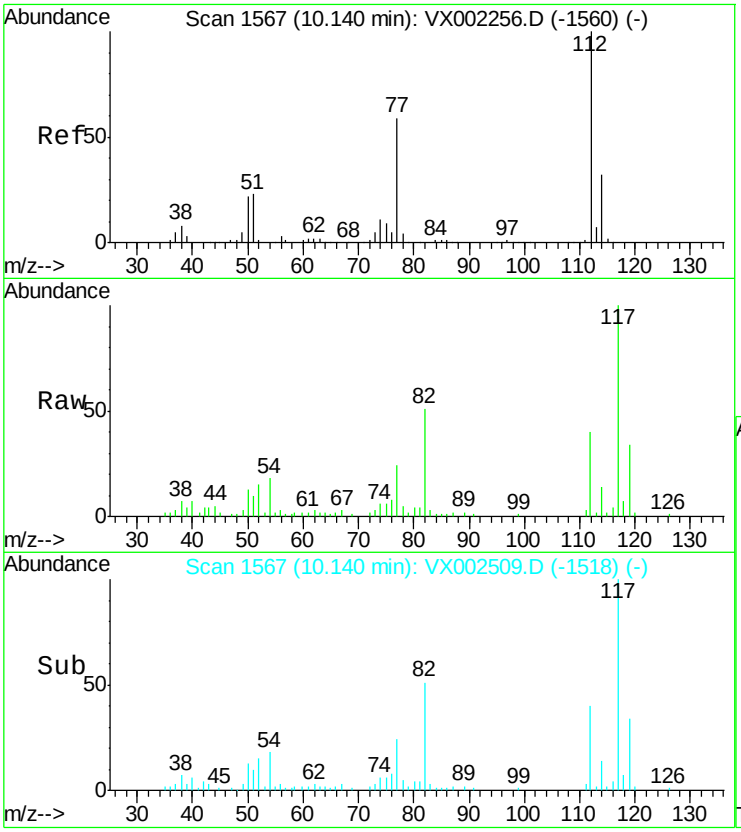


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion:117 Resp: 281987

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	32.1	25.8	38.6



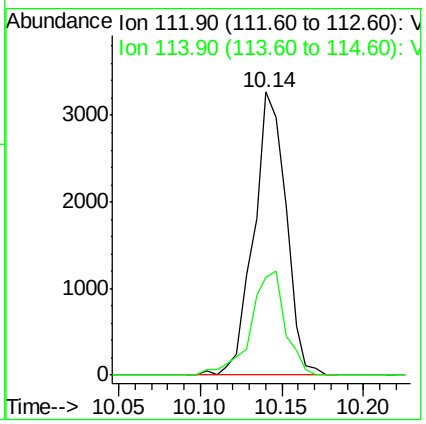


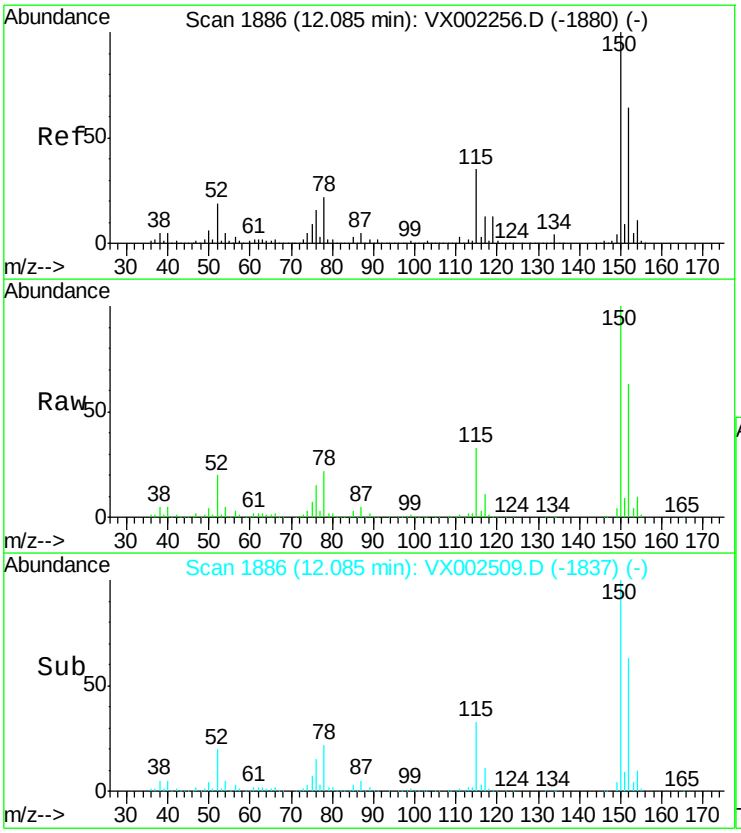
#65
Chlorobenzene
Concen: 0.64 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 4500

Ion	Ratio	Lower	Upper
112	100		
114	34.5	25.3	37.9

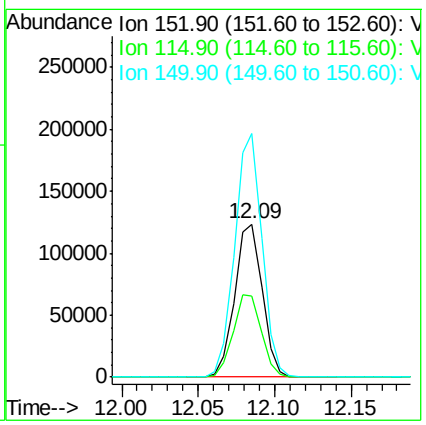


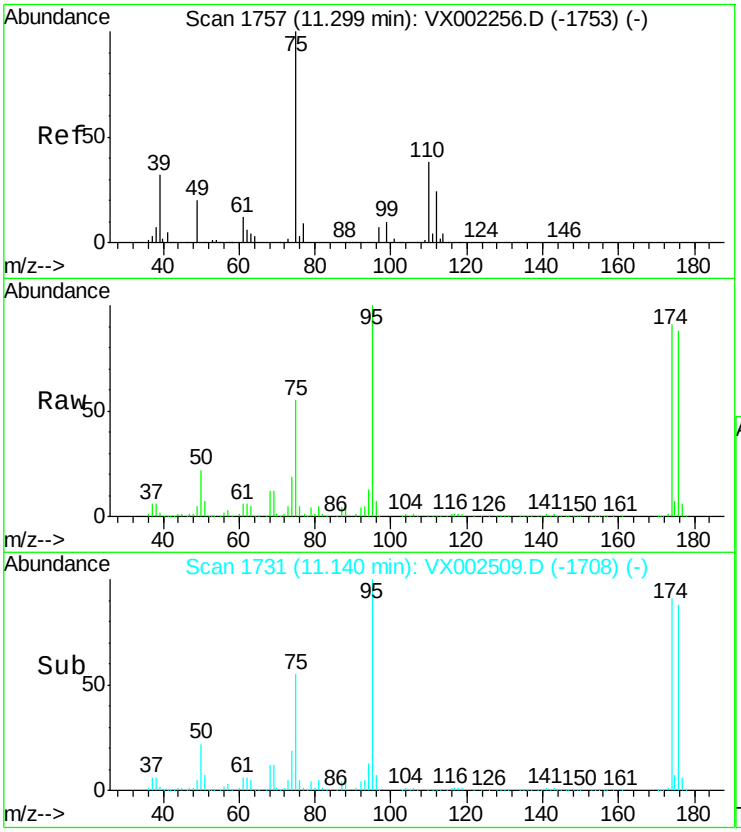


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion:152 Resp: 154602

Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.1	120.2
150	156.9	0.0	347.2



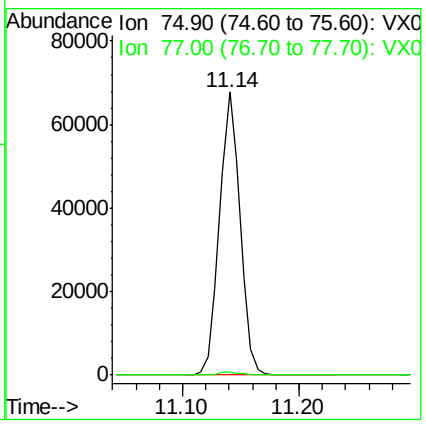


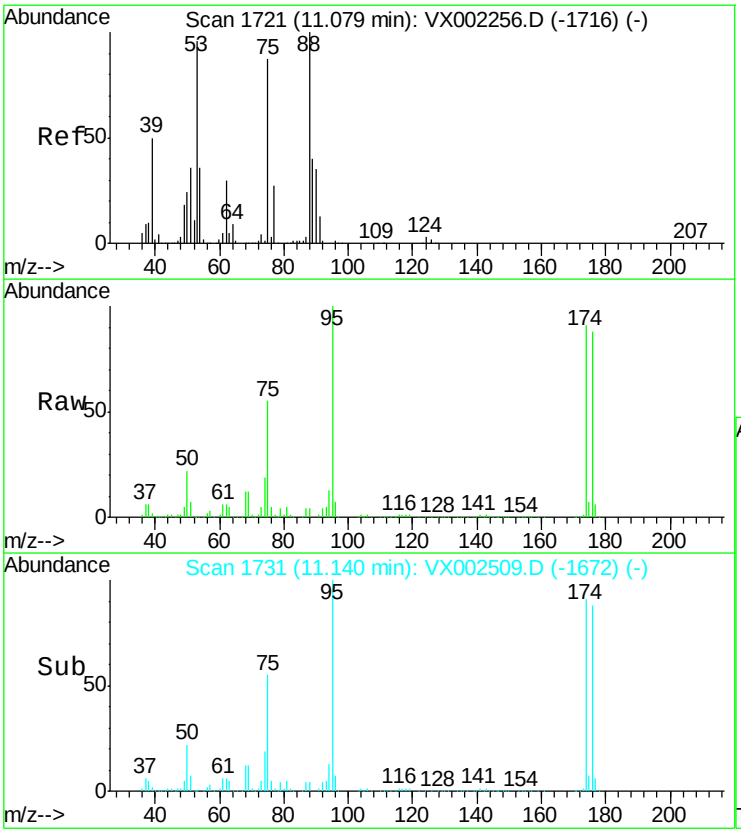
#76
1,2,3-Trichloropropane
Concen: 24.42 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82856

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#

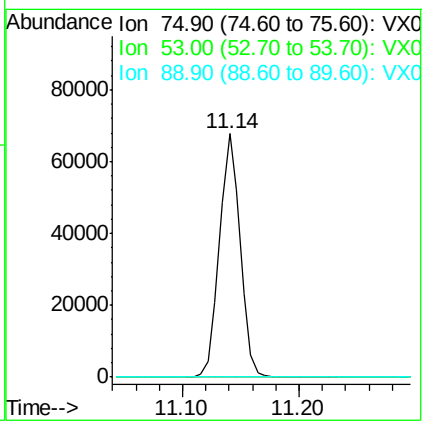


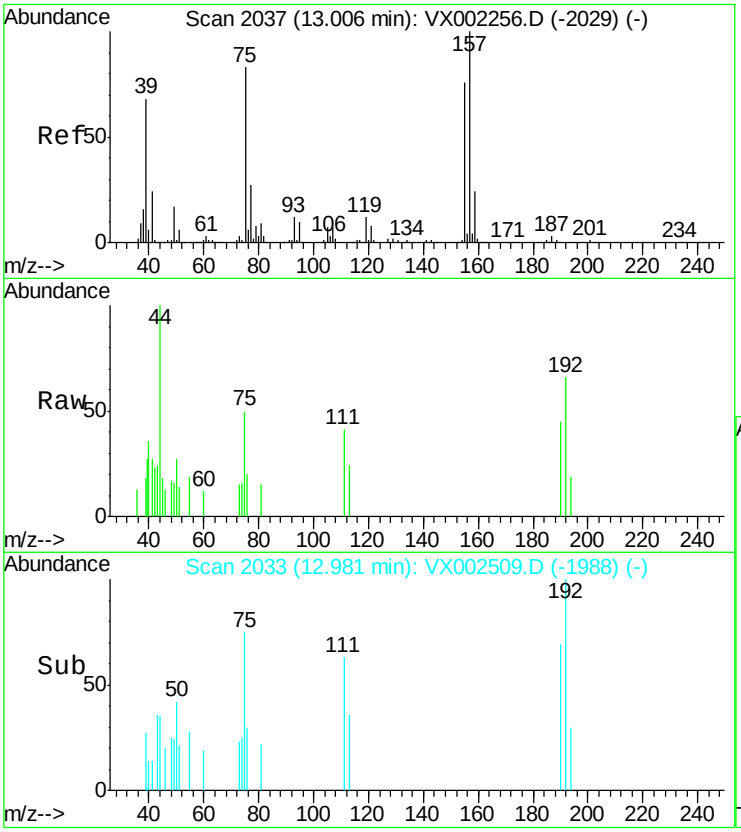


#81
trans-1,4-Dichloro-2-butene
Concen: 85.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Tgt Ion: 75 Resp: 82856

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.35 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX002509.D
Acq: 13 Jun 2018 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 258

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