Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
Data File : VX002375.D
Acq On : 07 Jun 2018 14:07
Operator : JC/MD
Sample : J3340-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF5-TB-2018-1

Quant Time: Jun 07 15:14:00 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	238992	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	354583	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	316456	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168325	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	190918	56.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.60%				
35) Dibromofluoromethane	5.51	113	140740	50.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.94%				
50) Toluene-d8	8.72	98	565407	52.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.80%				
62) 4-Bromofluorobenzene	11.14	95	192516	46.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.42%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	423	Below Cal		#	79
5) Bromomethane	1.66	94	1324	Below Cal			83
8) Diethyl Ether	2.41	74	44	Below Cal			87
10) Methyl Iodide	2.52	142	1533	0.423	ug/l	#	84
11) Tert butyl alcohol	3.04	59	743	Below Cal		#	52
13) Acrolein	2.30	56	200	Below Cal		#	14
15) Acrylonitrile	3.16	53	406	Below Cal		#	33
16) Acetone	2.45	43	5303	Below Cal		#	89
18) Methyl Acetate	2.78	43	555	Below Cal			98
19) Methyl tert-butyl Ether	3.23	73	19	Below Cal		#	54
20) Methylene Chloride	2.86	84	899	Below Cal		#	76
22) Diisopropyl ether	3.92	45	136	Below Cal		#	68
28) Bromochloromethane	5.03	49	44	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	1863	1.233	ug/l		95
31) Cyclohexane	5.67	56	5100	1.182	ug/l	#	19
36) 1,1-Dichloropropene	5.67	75	17095	4.586	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	22626	5.802	ug/l	#	16
39) Methylcyclohexane	7.47	83	31	0.269	ug/l	#	16
49) 1,4-Dioxane	7.75	88	20	0.280	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	103768	28.095	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	103768	98.482	ug/l	#	6

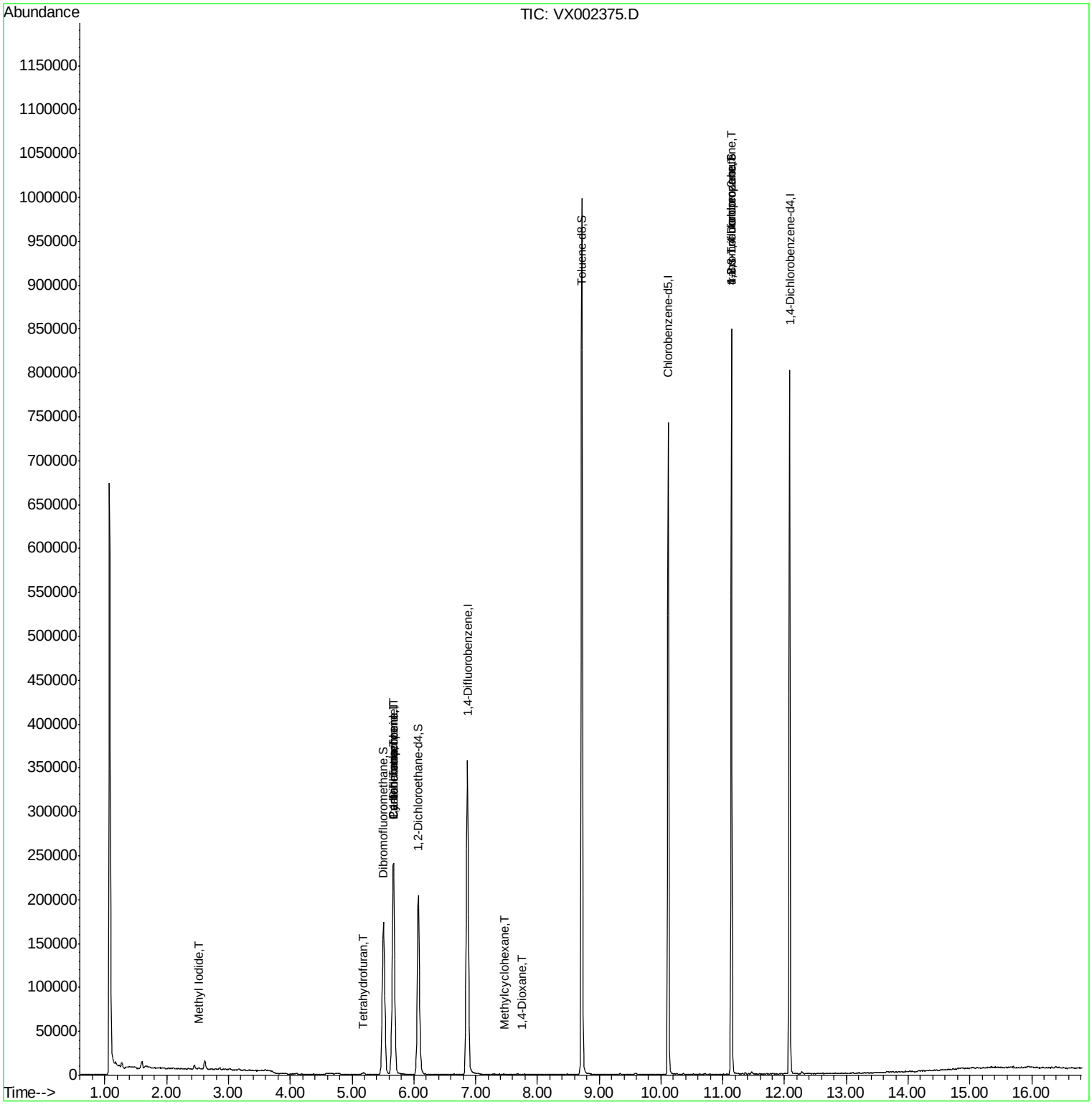
(#) = qualifier out of range (m) = manual integration (+) = signals summed

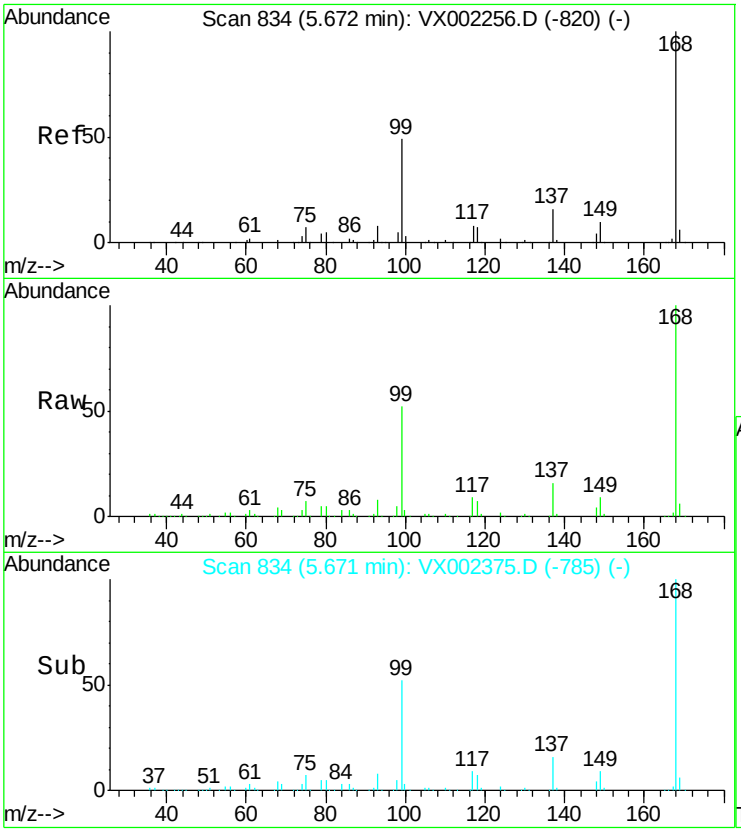
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060718\
Data File : VX002375.D
Acq On : 07 Jun 2018 14:07
Operator : JC/MD
Sample : J3340-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF5-TB-2018-1

Quant Time: Jun 07 15:14:00 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



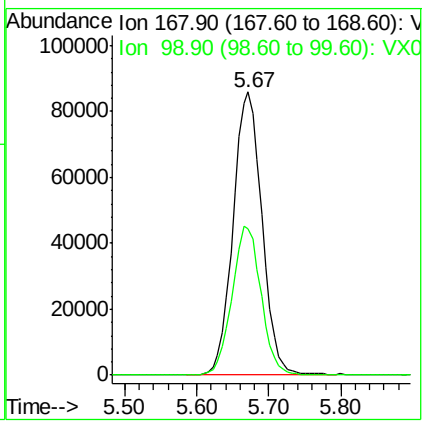


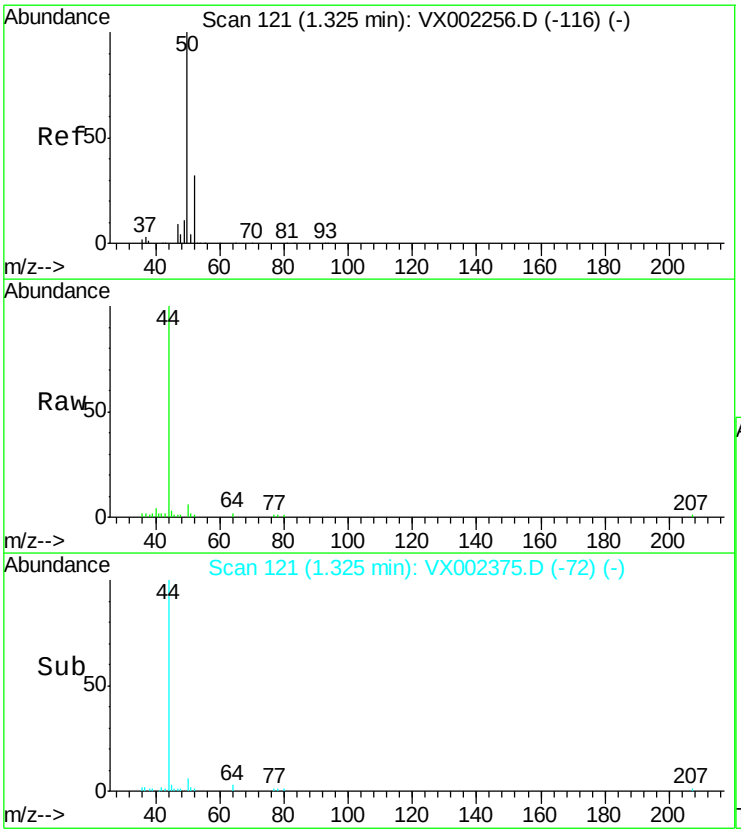
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion:168 Resp: 238992

Ion	Ratio	Lower	Upper
168	100		
99	51.8	39.3	58.9

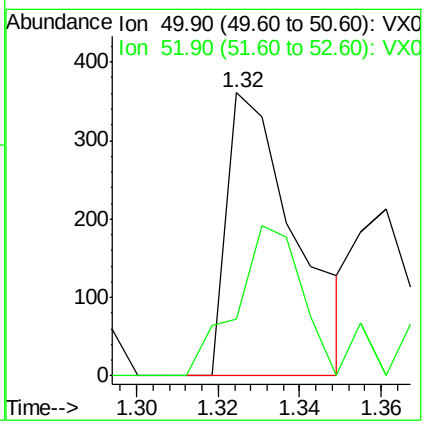


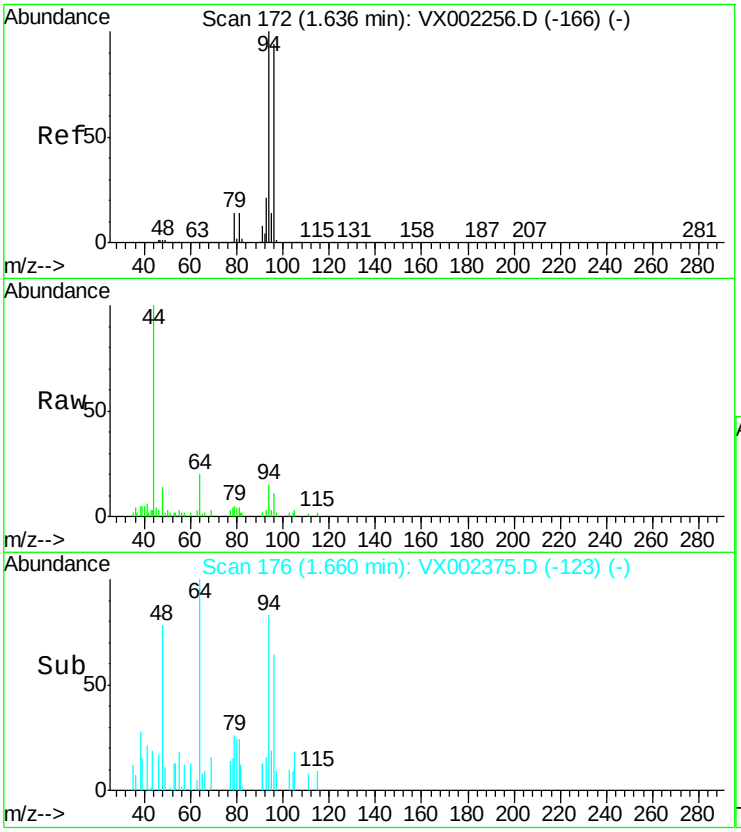


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 50 Resp: 423

Ion	Ratio	Lower	Upper
50	100		
52	20.2	25.7	38.5#



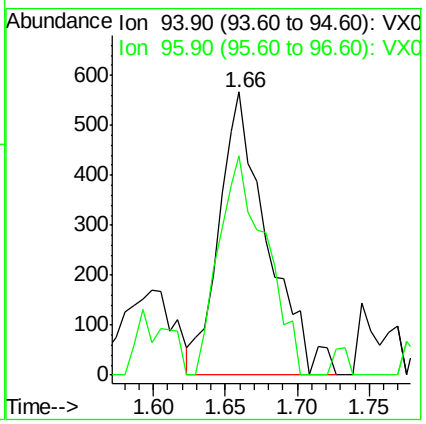


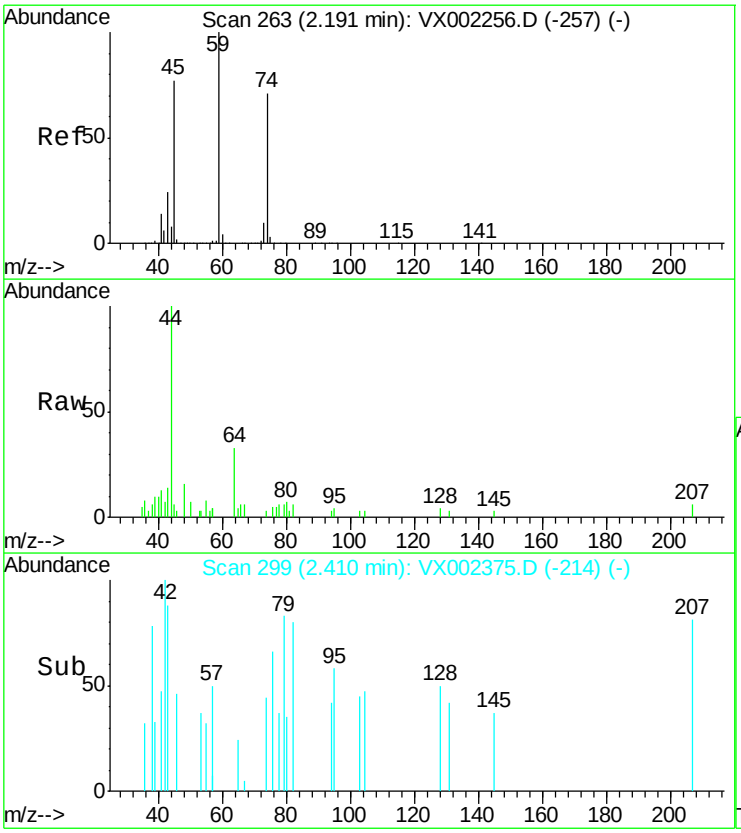
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion: 94 Resp: 1324

Ion	Ratio	Lower	Upper
94	100		
96	77.2	74.9	112.3

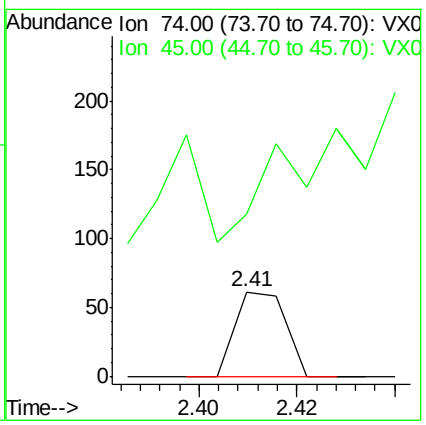


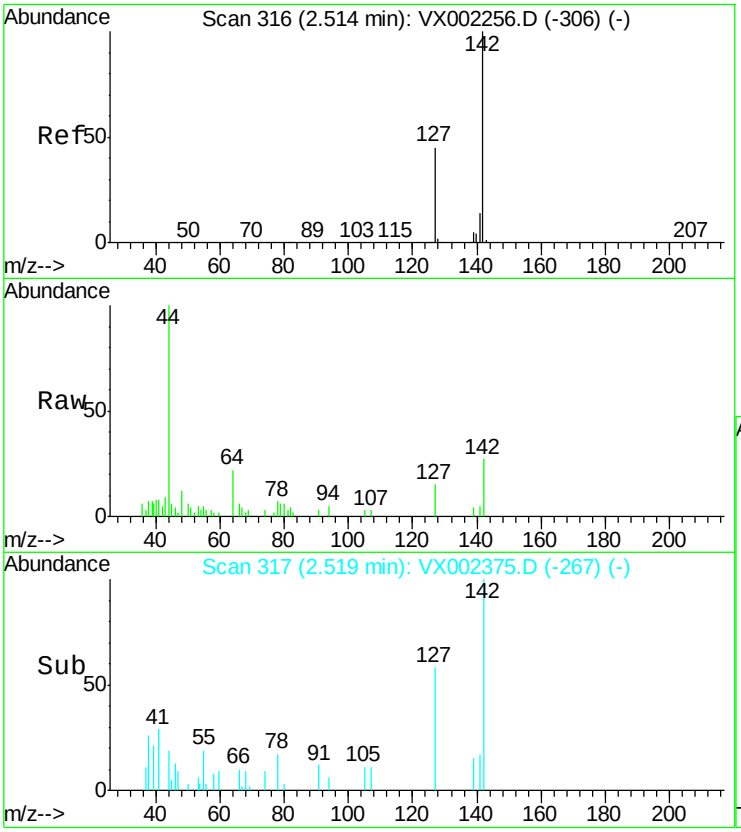


#8
Diethyl Ether
Concen: Below Cal
RT: 2.41 min Scan# 299
Delta R.T. 0.22 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 74 Resp: 44

Ion	Ratio	Lower	Upper
74	100		
45	93.2	53.1	159.4



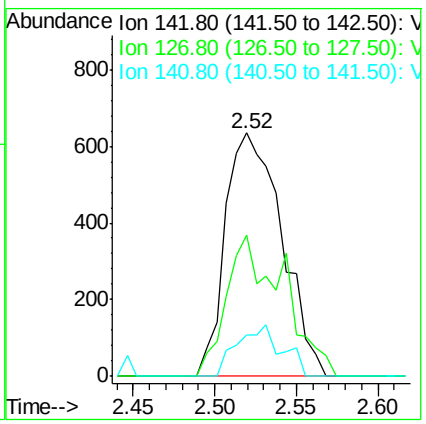


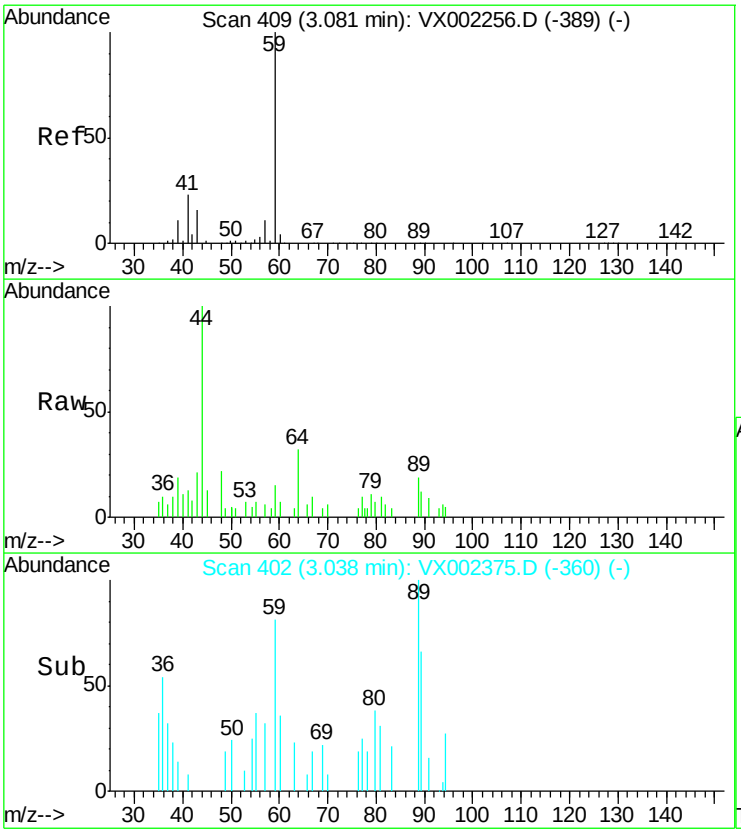
#10
Methyl Iodide
Concen: 0.423 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument : MSVOA_X
ClientSampleId : LF5-TB-2018-1

Tgt Ion:142 Resp: 1533

Ion	Ratio	Lower	Upper
142	100		
127	58.2	36.6	55.0#
141	16.6	11.3	16.9

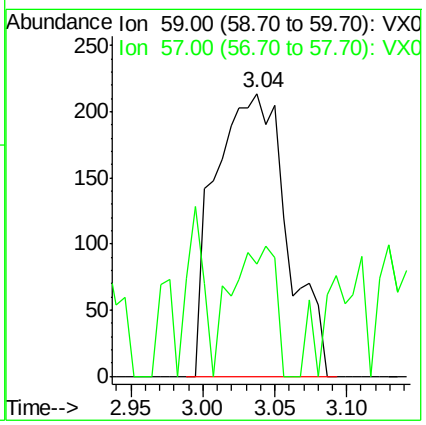


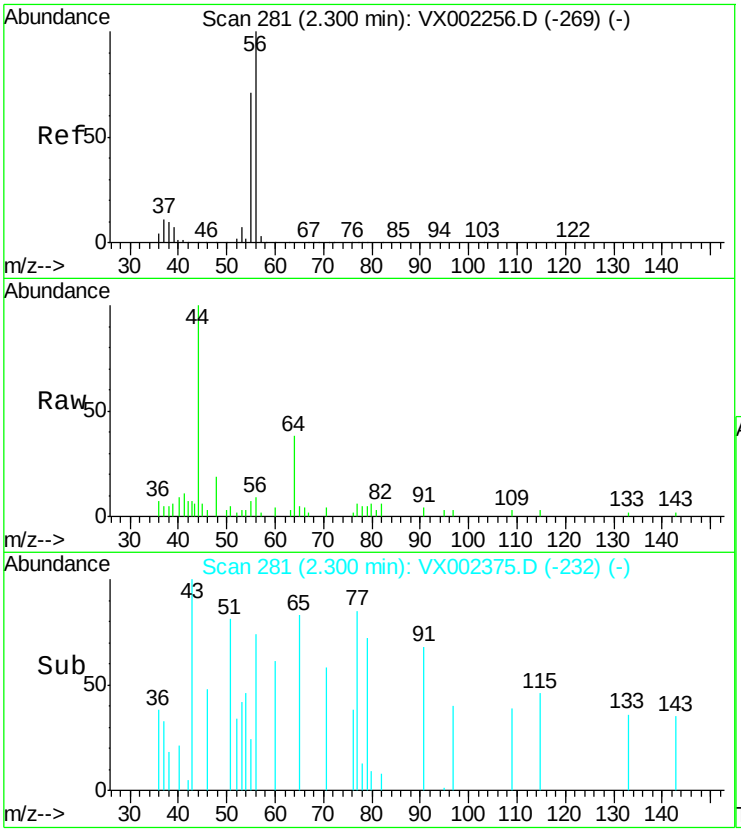


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.04 min Scan# 402
Delta R.T. -0.04 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 59 Resp: 743

Ion	Ratio	Lower	Upper
59	100		
57	28.0	8.2	12.2#



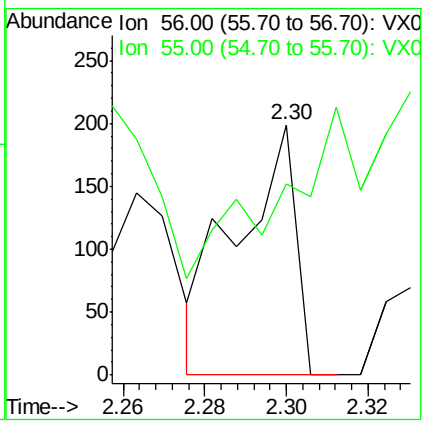


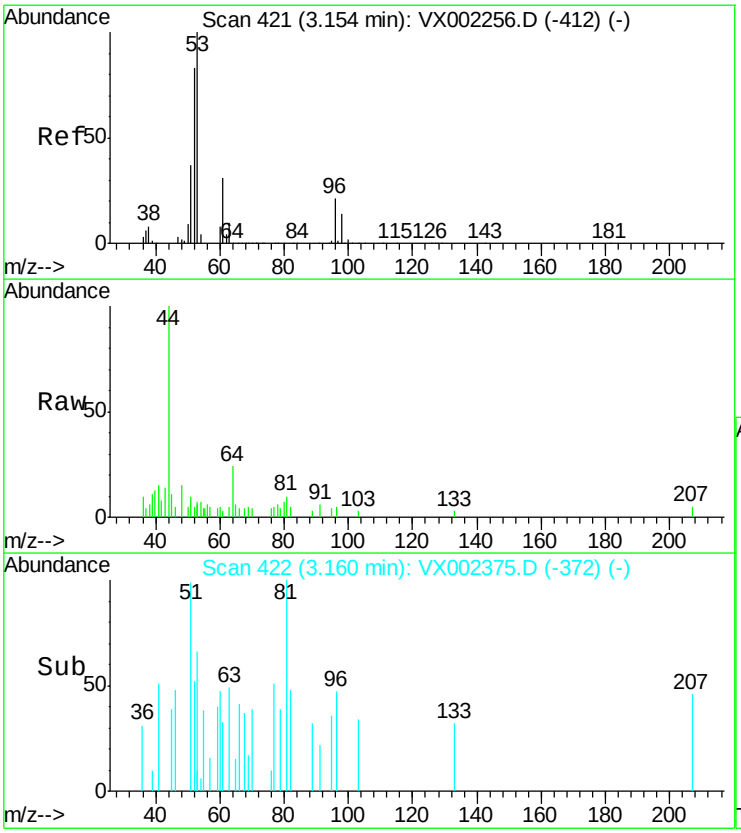
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion: 56 Resp: 200

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

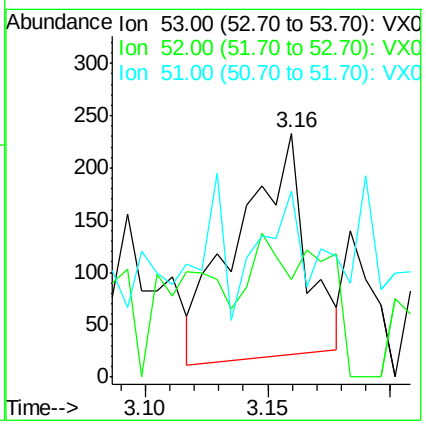


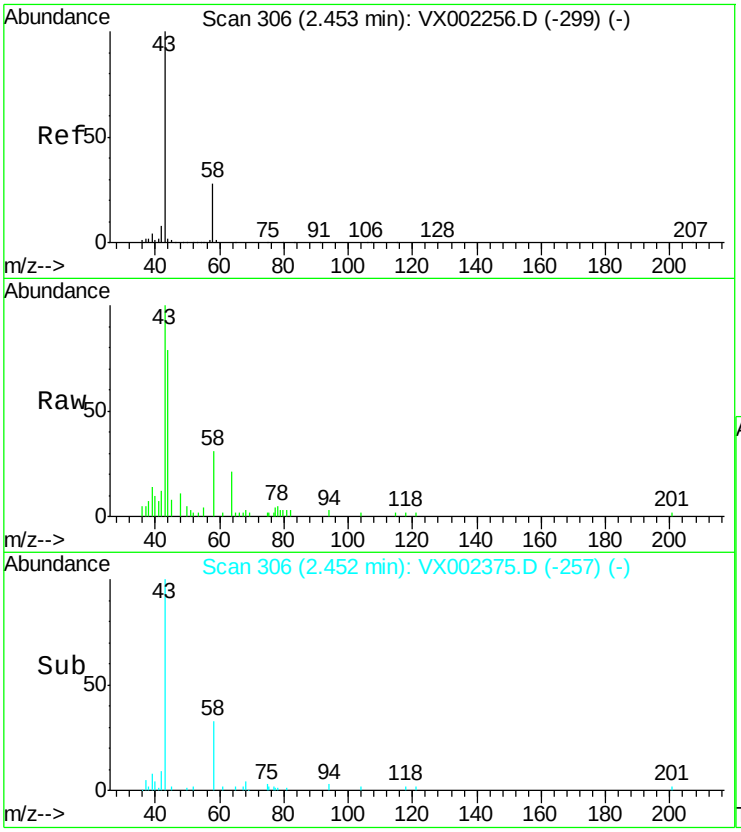


#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 53 Resp: 406

Ion	Ratio	Lower	Upper
53	100		
52	15.5	66.7	100.1#
51	9.1	29.9	44.9#



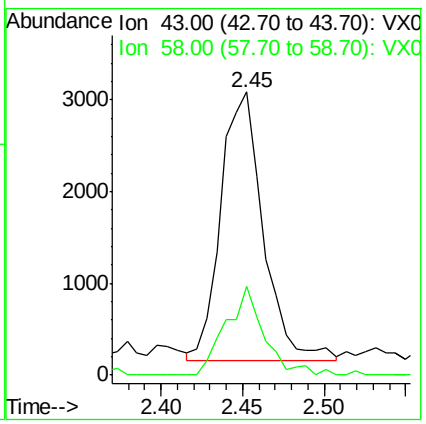


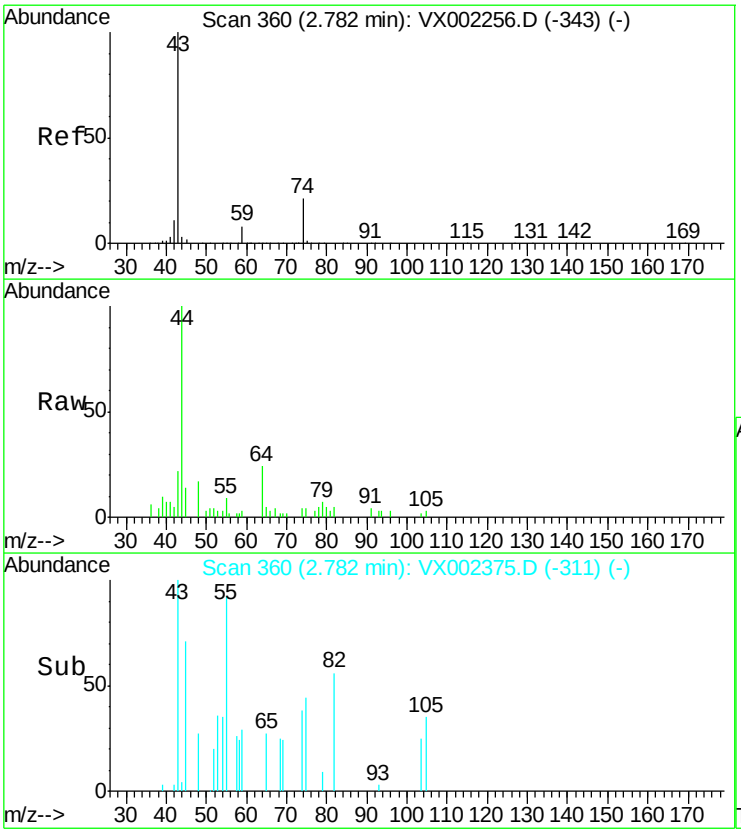
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument : MSVOA_X
ClientSampleId : LF5-TB-2018-1

Tgt Ion: 43 Resp: 5303

Ion	Ratio	Lower	Upper
43	100		
58	33.4	22.1	33.1#

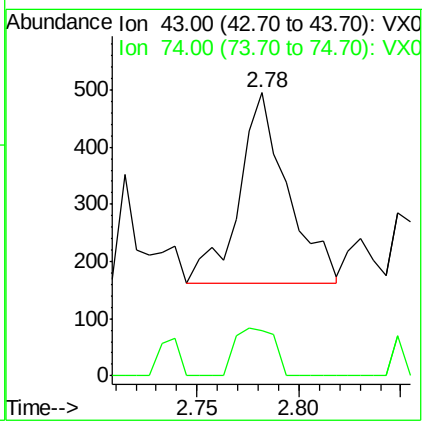


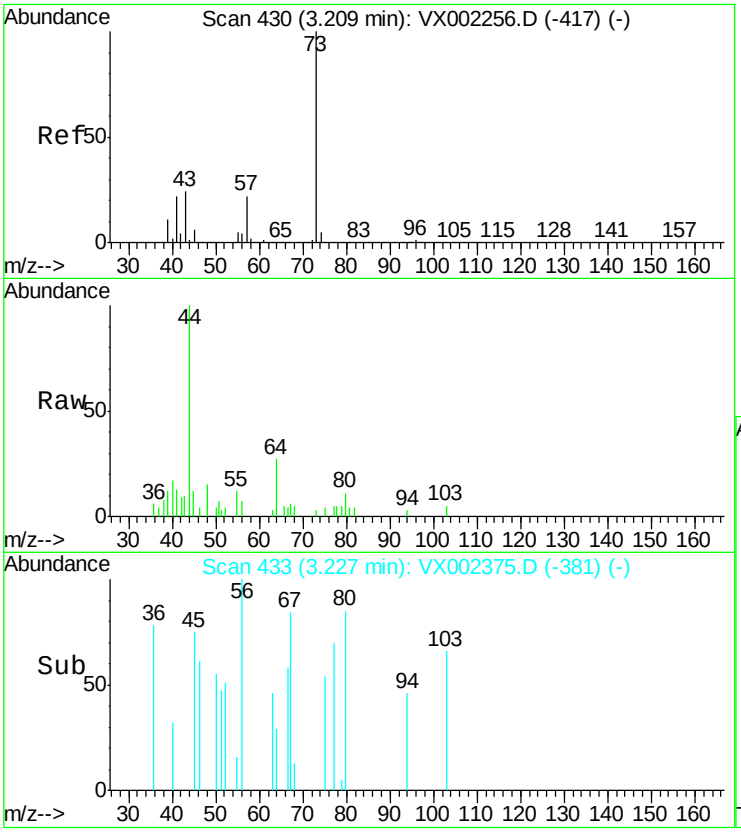


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 43 Resp: 555

Ion	Ratio	Lower	Upper
43	100		
74	20.2	16.7	25.1



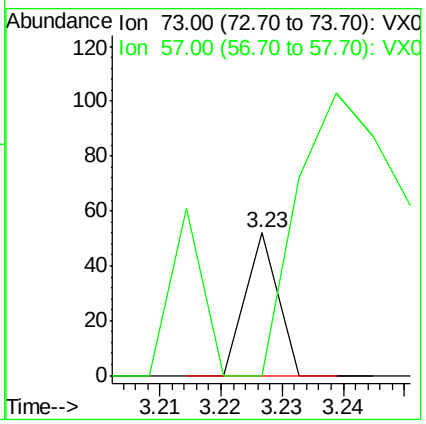


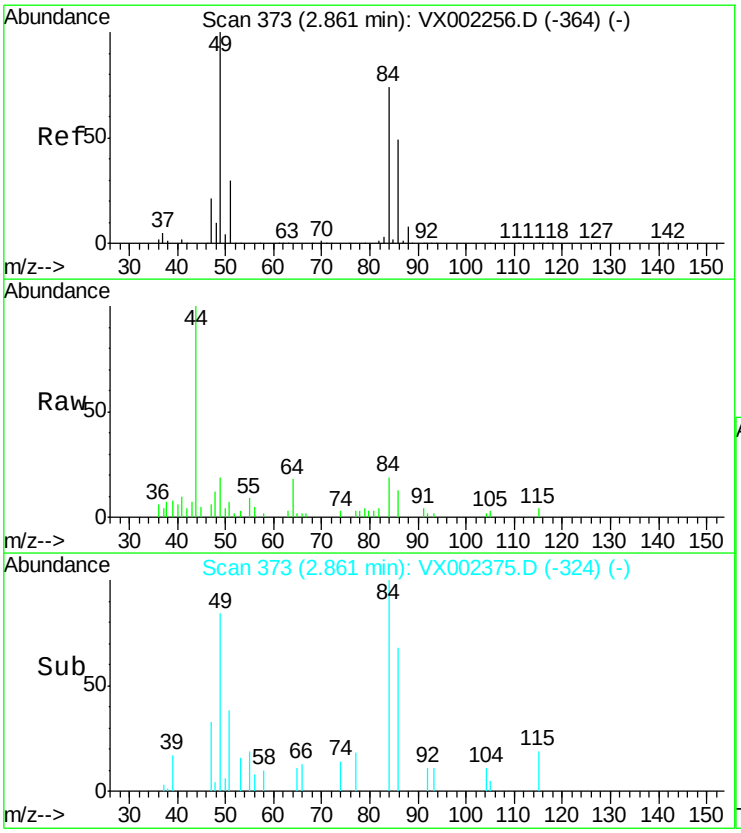
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.23 min Scan# 433
Delta R.T. 0.02 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion: 73 Resp: 19

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.7	26.5#

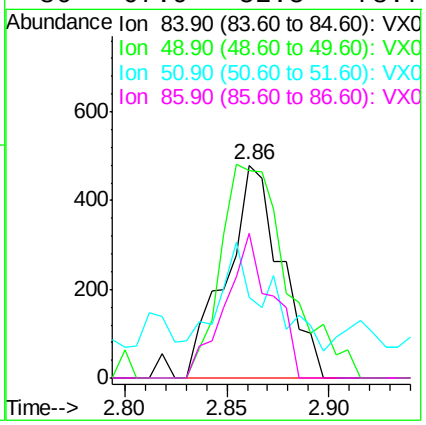


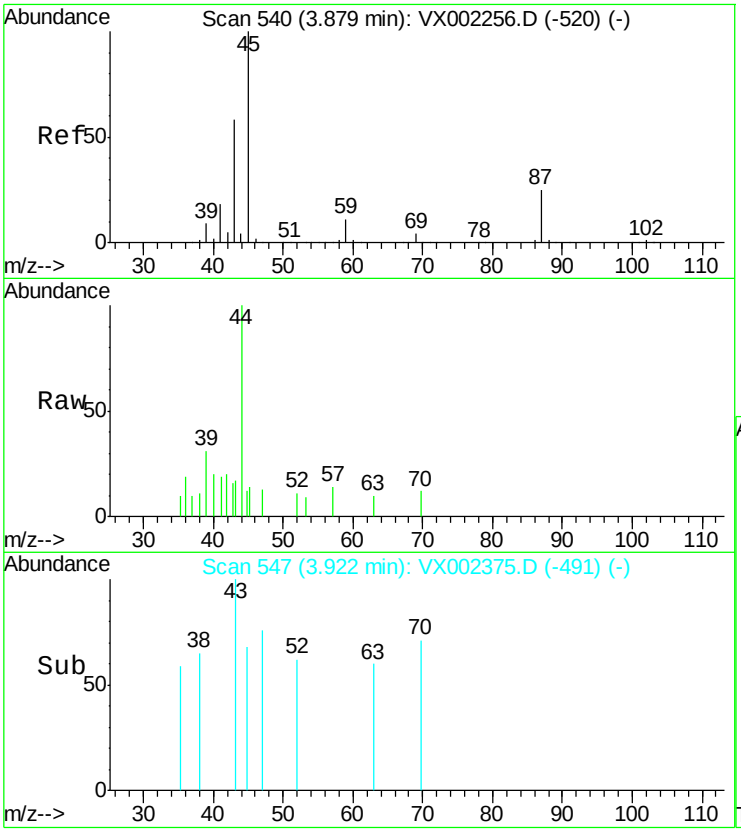


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 84 Resp: 899

Ion	Ratio	Lower	Upper
84	100		
49	97.3	107.8	161.6#
51	20.4	32.8	49.2#
86	67.9	52.5	78.7



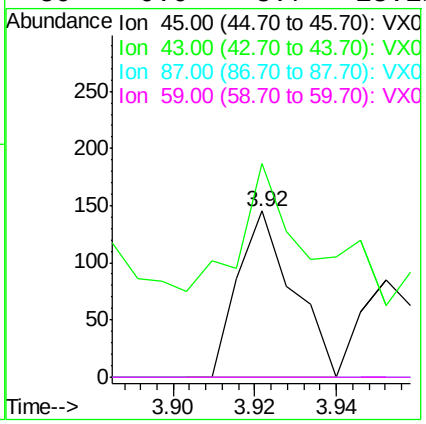


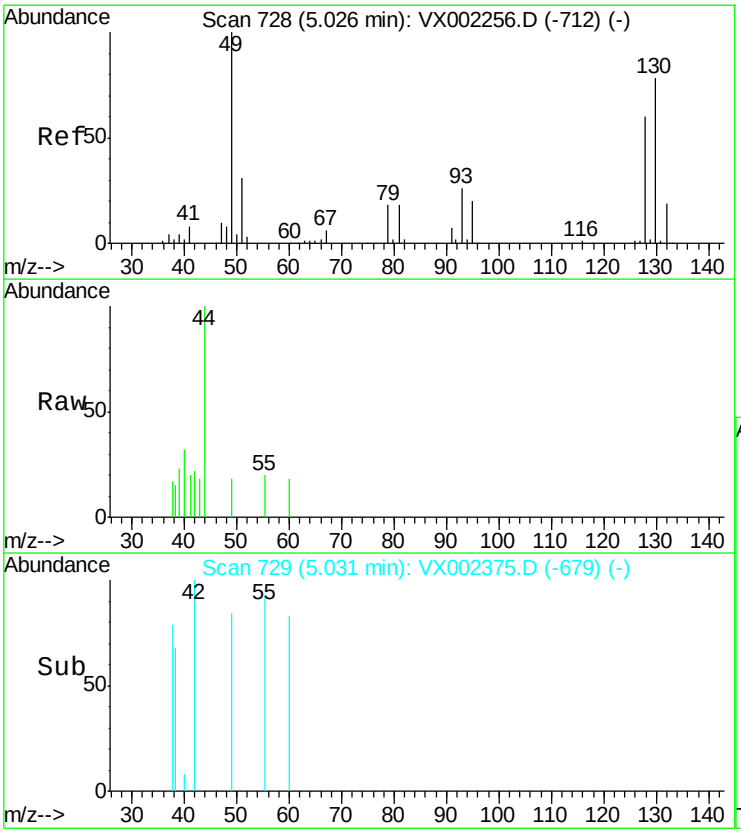
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.92 min Scan# 547
Delta R.T. 0.04 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion: 45 Resp: 136

Ion	Ratio	Lower	Upper
45	100		
43	77.2	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

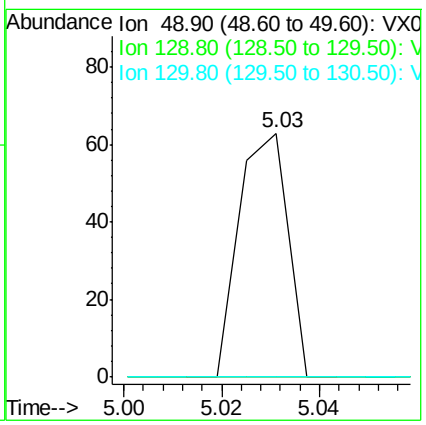


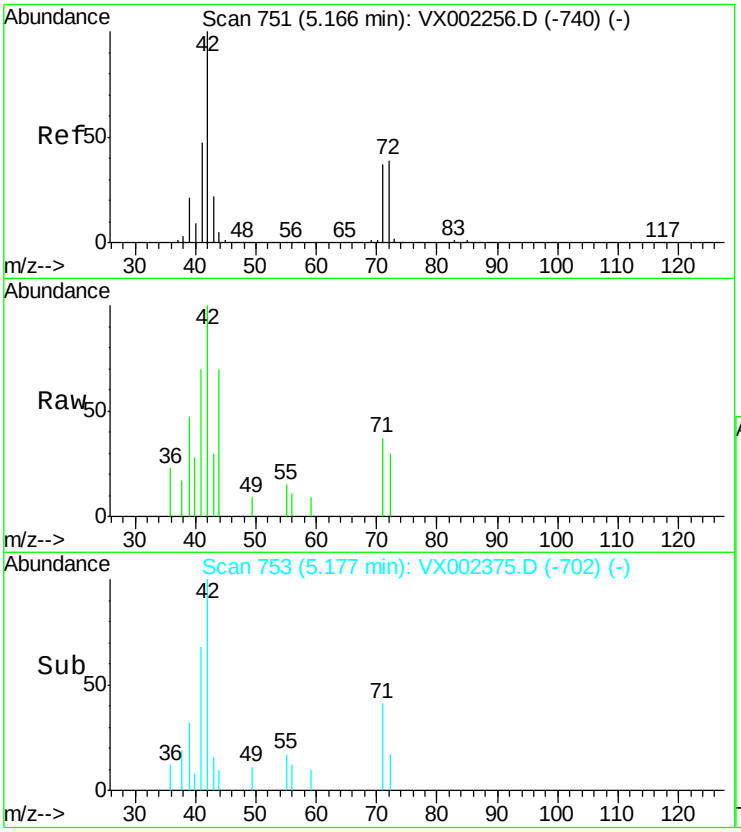


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 49 Resp: 44

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



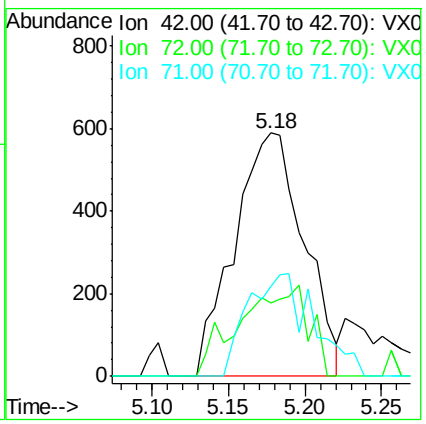


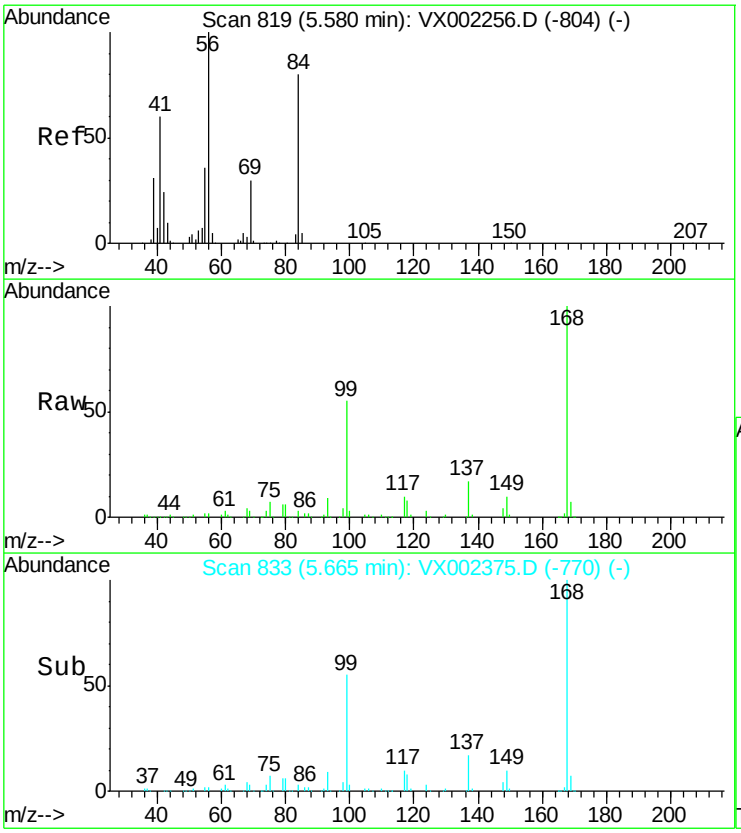
#29
Tetrahydrofuran
Concen: 1.233 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion: 42 Resp: 1863

Ion	Ratio	Lower	Upper
42	100		
72	36.7	32.0	48.0
71	40.2	30.1	45.1

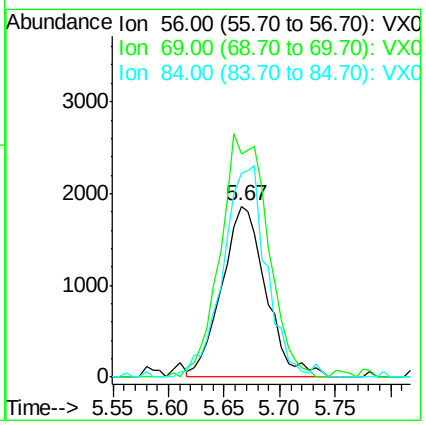


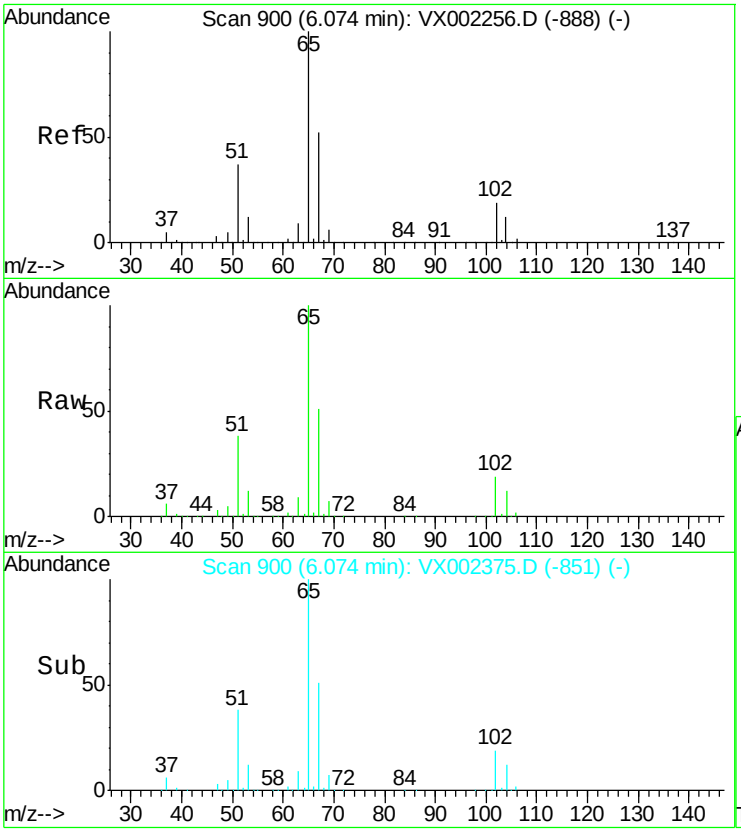


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 56 Resp: 5100

Ion	Ratio	Lower	Upper
56	100		
69	126.9	23.7	35.5#
84	119.6	64.1	96.1#



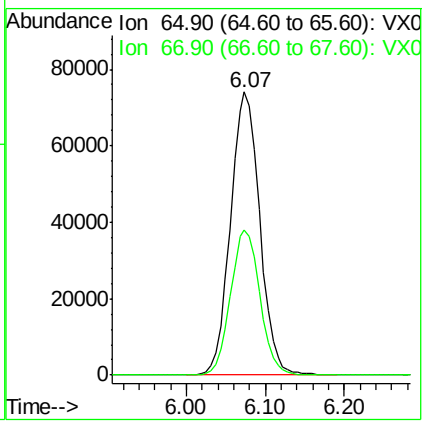


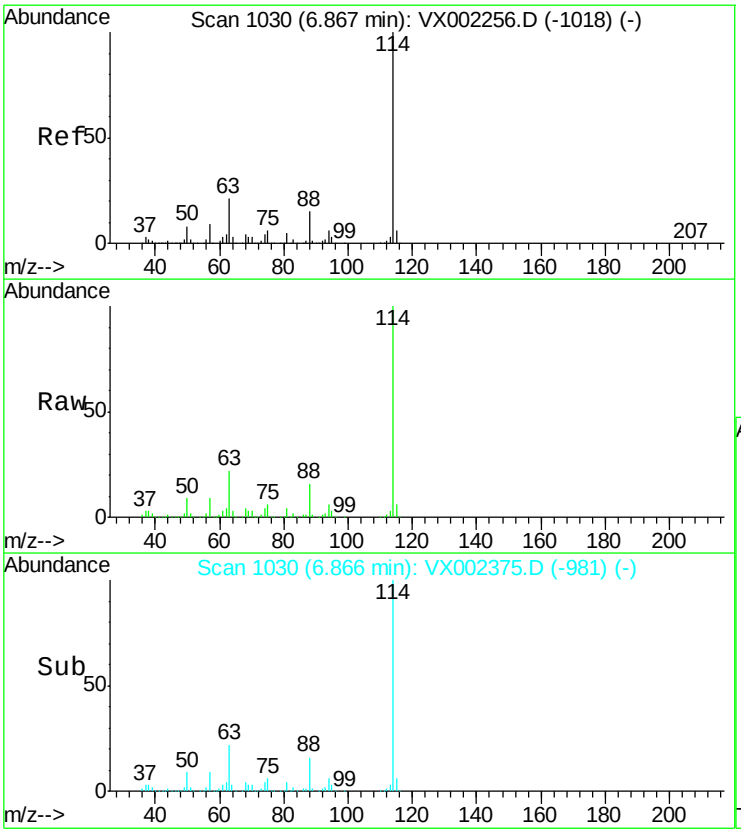
#33
1,2-Dichloroethane-d4
Concen: 56.299 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument : MSVOA_X
ClientSampleId : LF5-TB-2018-1

Tgt Ion: 65 Resp: 190918

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.6

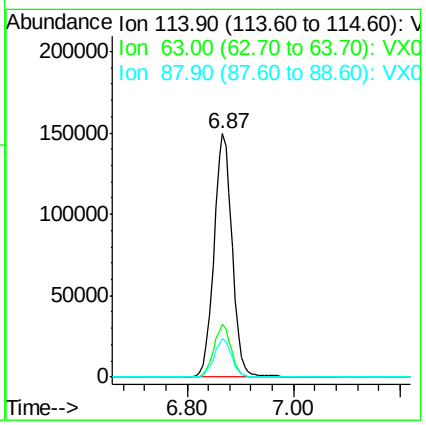


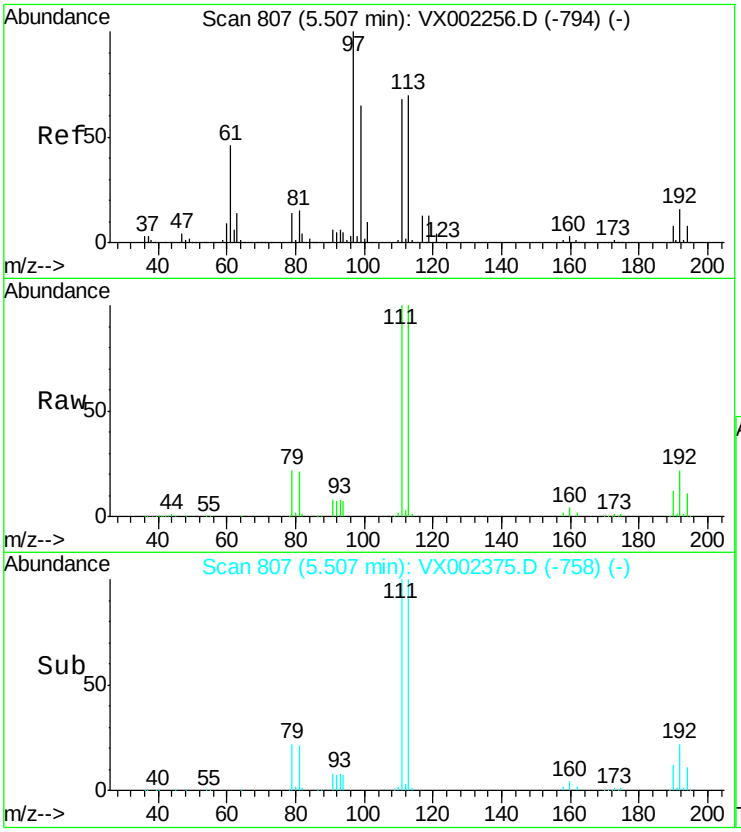


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion:114 Resp: 354583

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.4
88	16.1	0.0	30.0



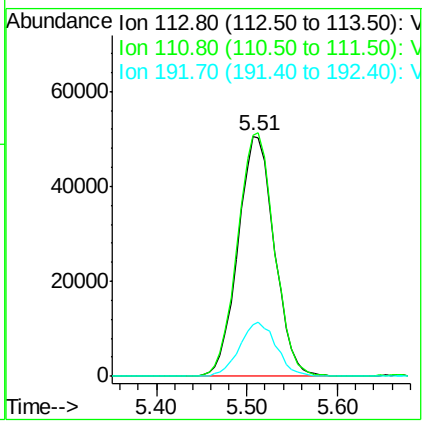


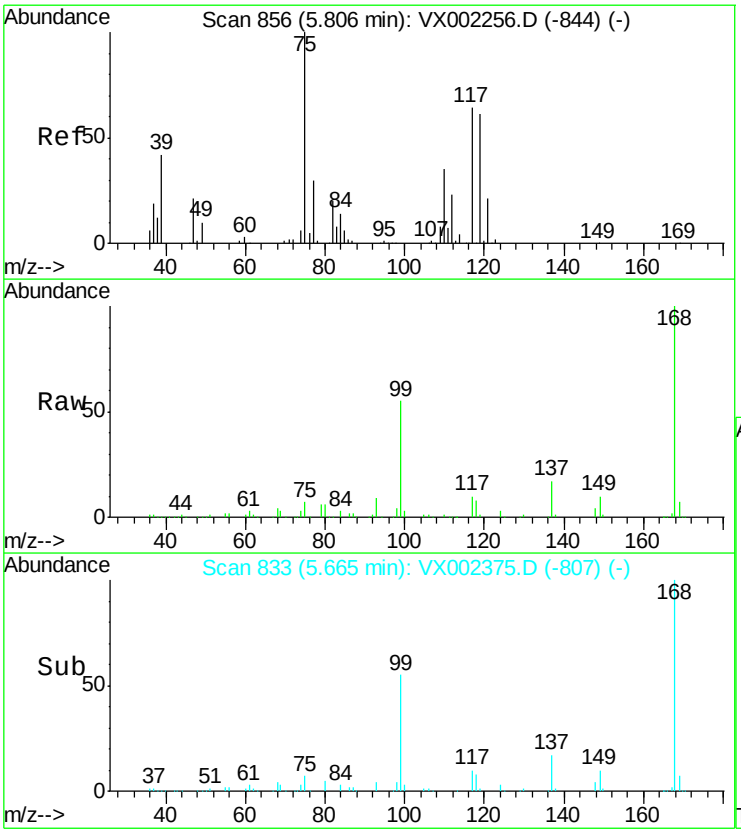
#35
Dibromofluoromethane
Concen: 50.472 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion:113 Resp: 140740

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	22.8	19.1	28.7

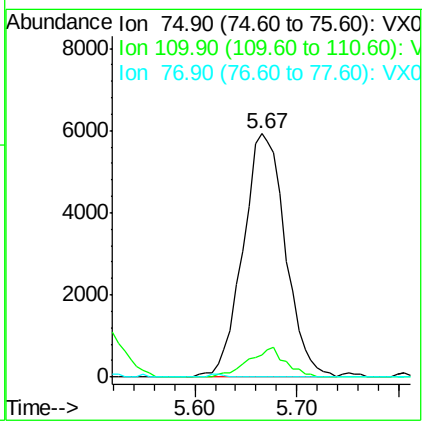


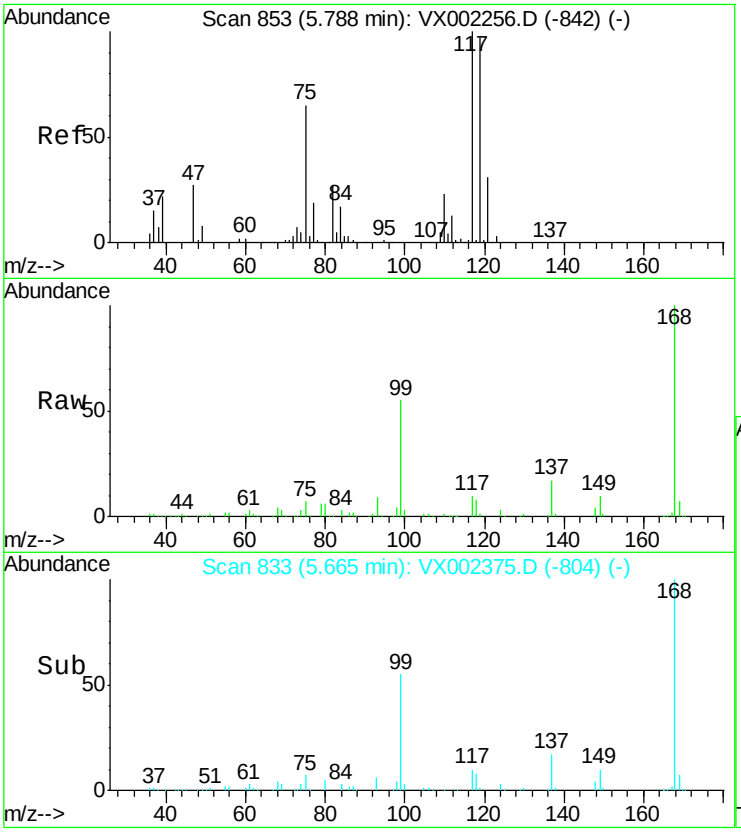


#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 75 Resp: 17095

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.4#
77	0.0	24.3	36.5#



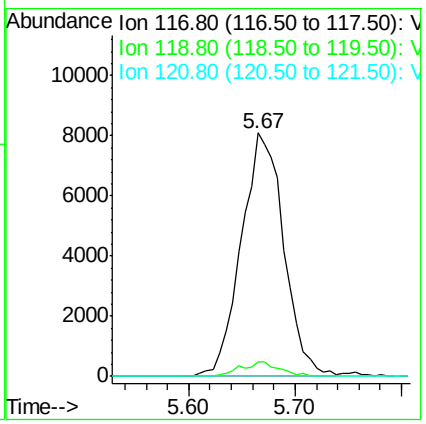


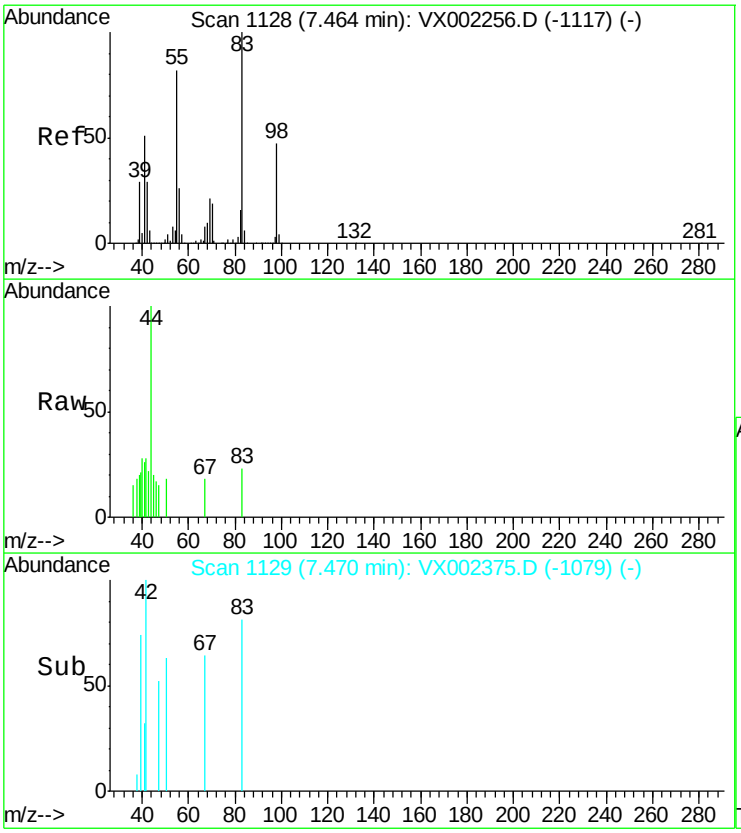
#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion:117 Resp: 22626

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.4	116.0#
121	0.0	24.4	36.6#

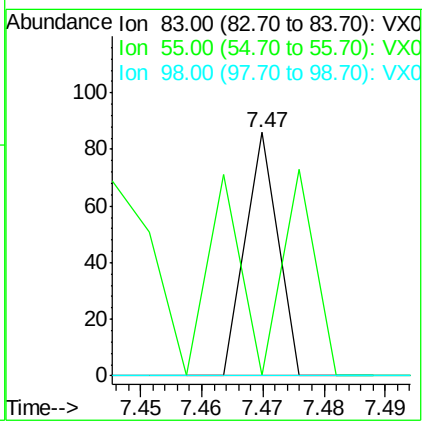


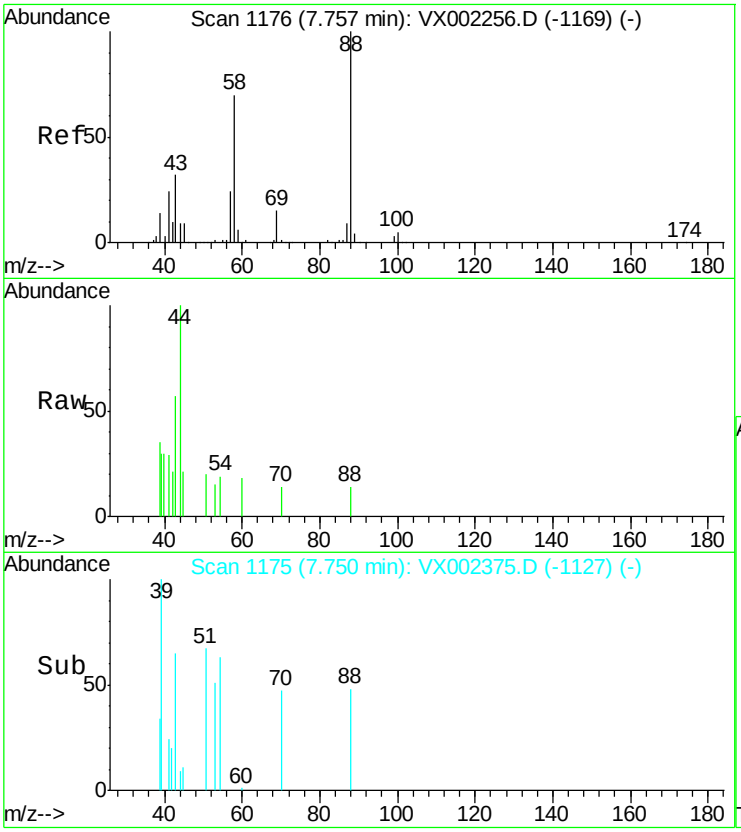


#39
Methylcyclohexane
Concen: 0.269 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 83 Resp: 31

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



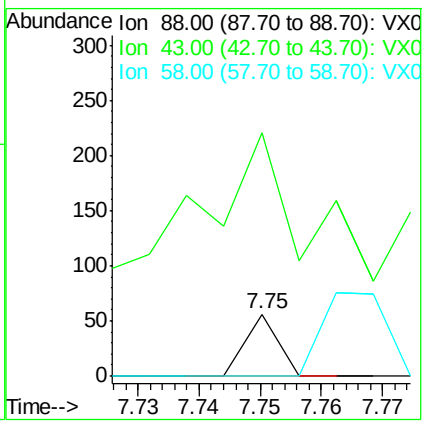


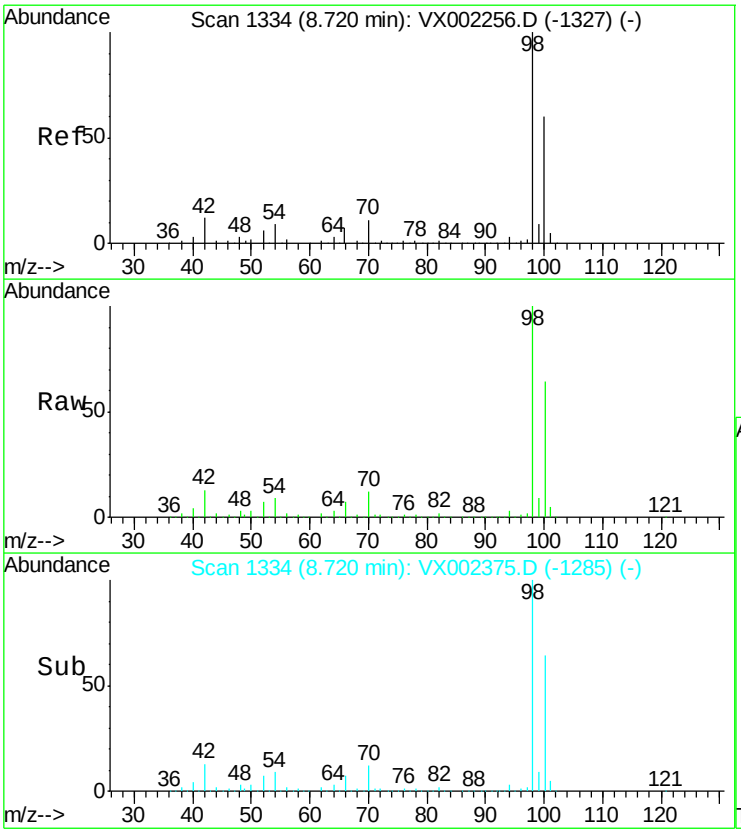
#49
1,4-Dioxane
Concen: 0.280 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	655.0	29.8	44.6#
58	275.0	57.1	85.7#

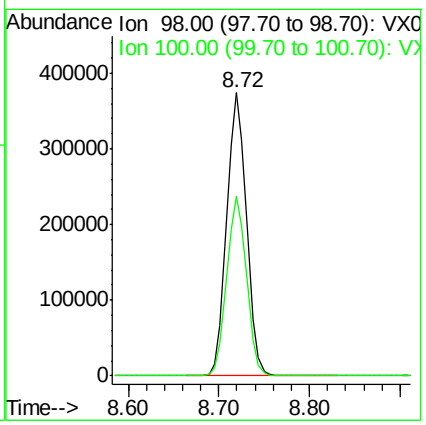


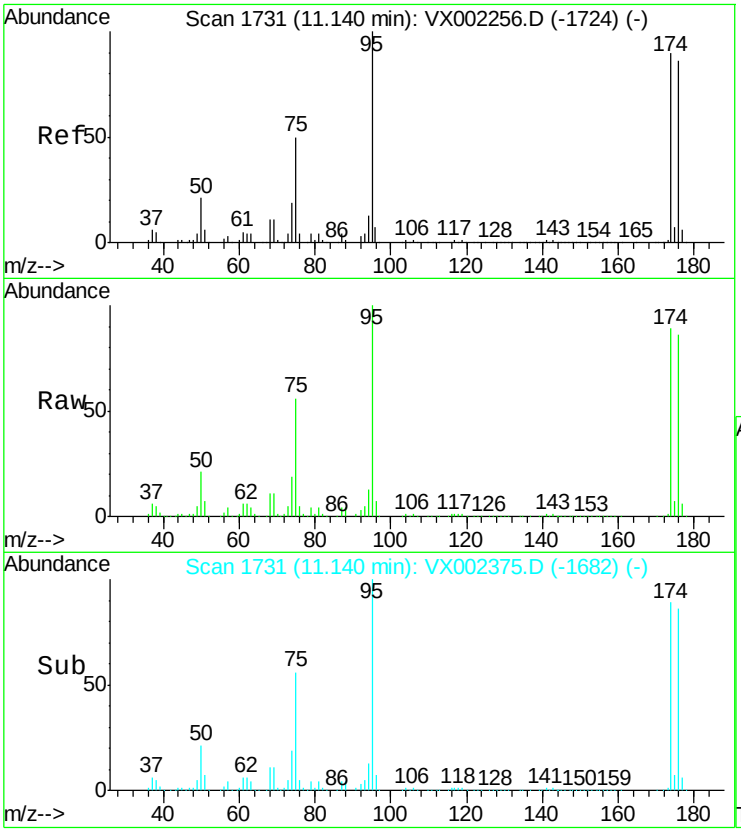


#50
Toluene-d8
Concen: 52.901 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 98 Resp: 565407

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3



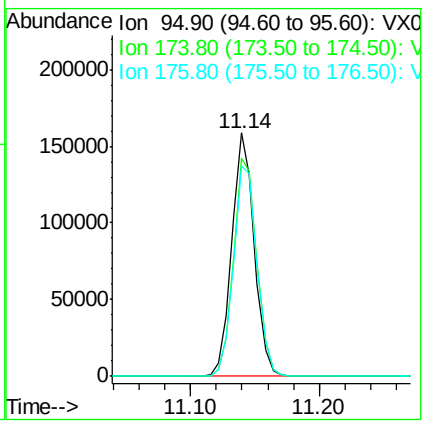


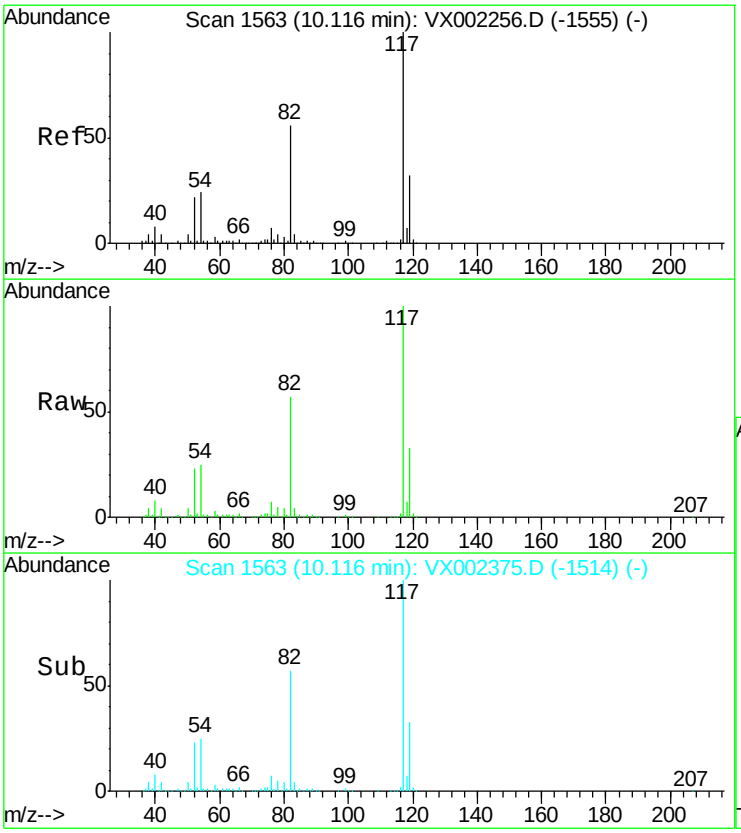
#62
4-Bromofluorobenzene
Concen: 46.711 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion: 95 Resp: 192516

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	187.4
176	90.5	0.0	181.0

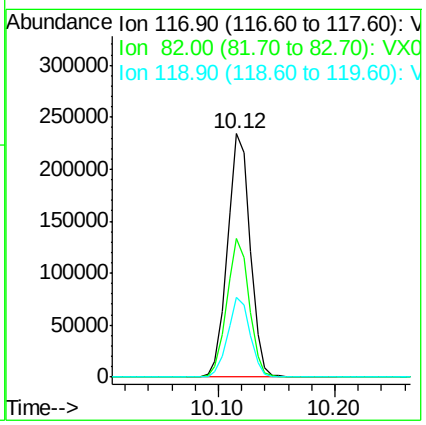


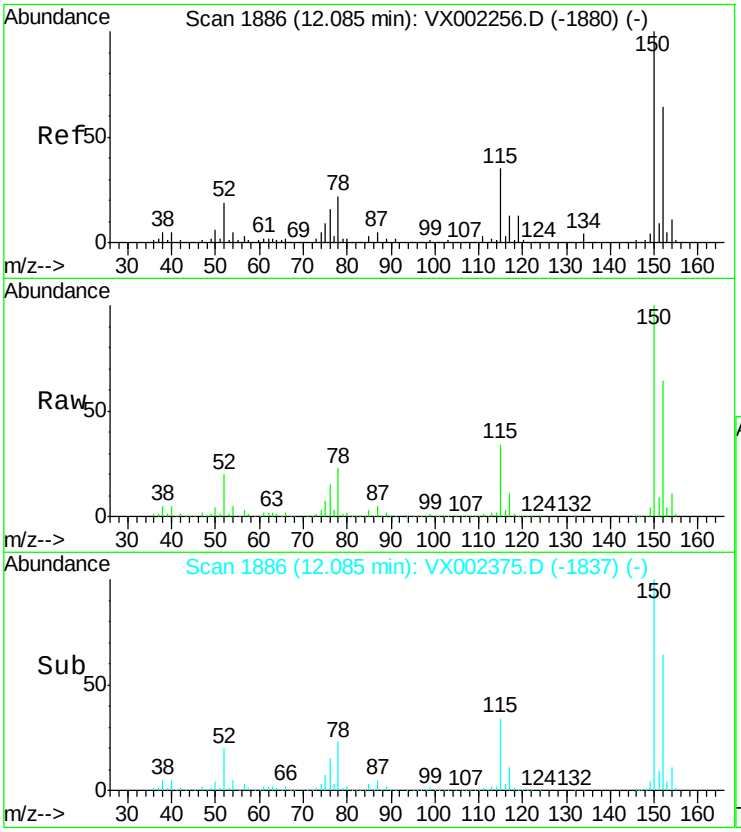


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion:117 Resp: 316456

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.0	67.4
119	32.6	25.8	38.6



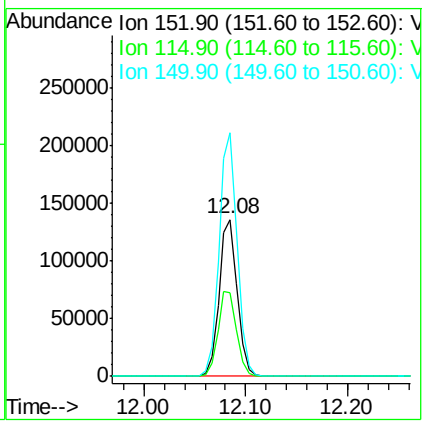


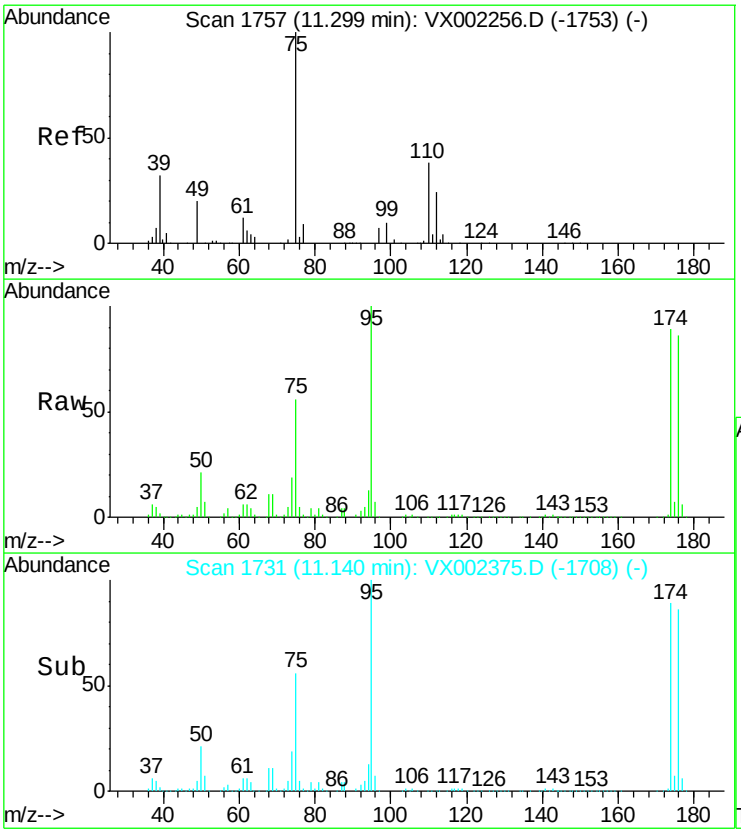
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion:152 Resp: 168325

Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.1	120.2
150	155.0	0.0	347.2

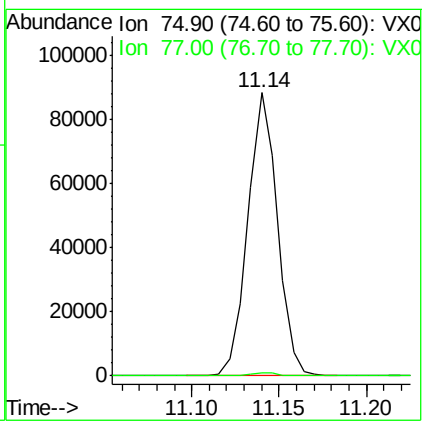


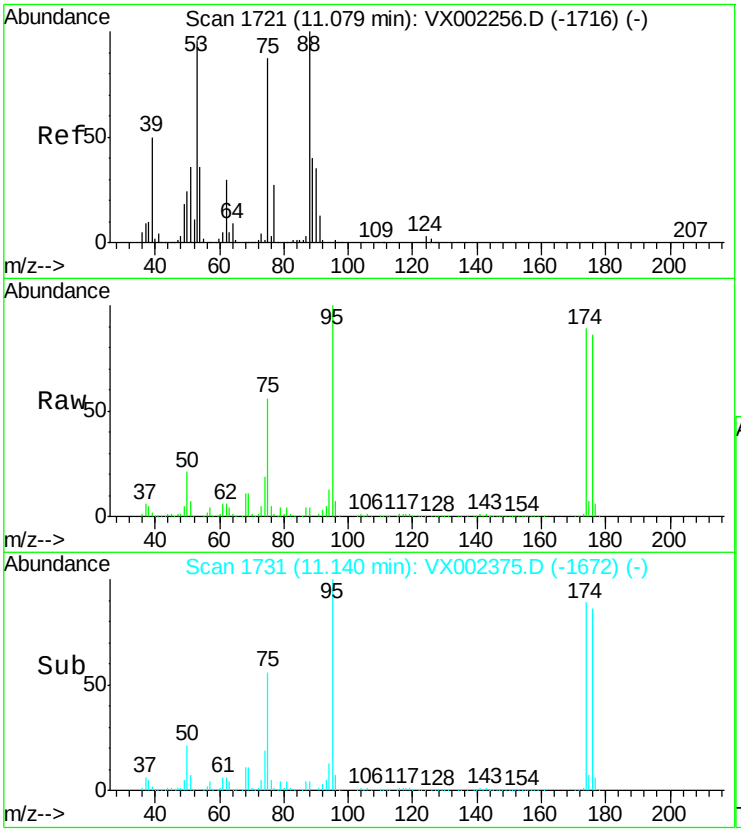


#76
1,2,3-Trichloropropane
Concen: 28.095 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Tgt Ion: 75 Resp: 103768

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.482 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002375.D
Acq: 07 Jun 2018 14:07

Instrument :
MSVOA_X
ClientSampleId :
LF5-TB-2018-1

Tgt Ion: 75 Resp: 103768

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