Quantitation Report (Not Reviewed)

Data Path : Y:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060418\
Data File : VX002271.D
Acq On : 04 Jun 2018 20:07
Operator : JC/MD
Sample : J3234-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Quant Time: Jun 05 05:01:41 2018
Quant Method : Y:\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	256768	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	370802	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	340844	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191471	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	179771	48.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.76%				
35) Dibromofluoromethane	5.51	113	130114	44.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.24%				
50) Toluene-d8	8.72	98	532975	47.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.38%				
62) 4-Bromofluorobenzene	11.14	95	189300	43.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.84%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	724	Below Cal		#	83
5) Bromomethane	1.66	94	1552	Below Cal			98
8) Diethyl Ether	2.27	74	52	Below Cal			86
10) Methyl Iodide	2.51	142	1484	0.38	ug/l	#	98
11) Tert butyl alcohol	3.09	59	78	Below Cal		#	1
13) Acrolein	2.28	56	241	Below Cal			84
15) Acrylonitrile	3.16	53	227	Below Cal		#	52
16) Acetone	2.45	43	1872	Below Cal		#	83
18) Methyl Acetate	2.79	43	170	Below Cal		#	79
19) Methyl tert-butyl Ether	3.20	73	40	Below Cal		#	36
20) Methylene Chloride	2.86	84	829	Below Cal		#	41
22) Diisopropyl ether	3.88	45	137	Below Cal		#	21
28) Bromochloromethane	5.00	49	20	Below Cal		#	13
31) Cyclohexane	5.67	56	5758	1.24	ug/l	#	11
36) 1,1-Dichloropropene	5.67	75	18414	4.72	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	23710	5.81	ug/l	#	16
39) Methylcyclohexane	7.46	83	71	0.28	ug/l	#	67
49) 1,4-Dioxane	7.76	88	23	0.31	ug/l	#	1
71) Bromoform	10.87	173	143	3.51	ug/l	#	28
76) 1,2,3-Trichloropropane	11.14	75	102553	24.41	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	102553	85.56	ug/l	#	7

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

Quantitation Report (Not Reviewed)

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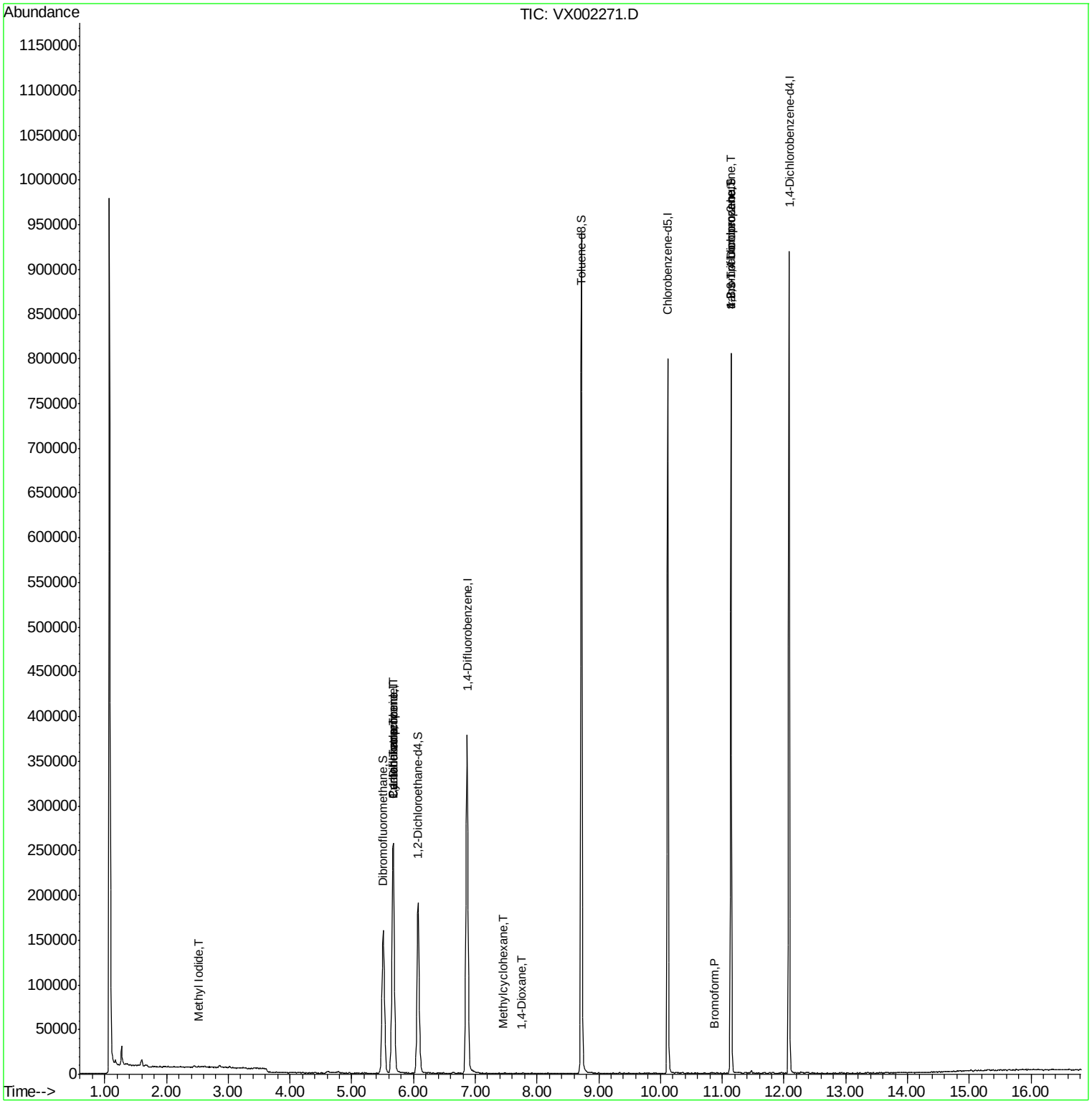
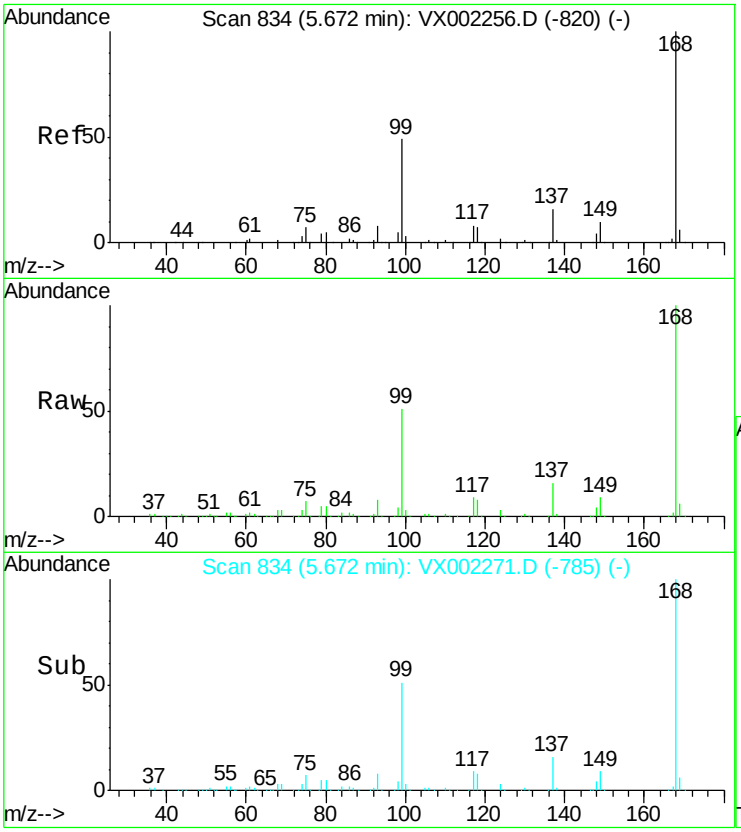
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Quant Time: Jun 05 05:01:41 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



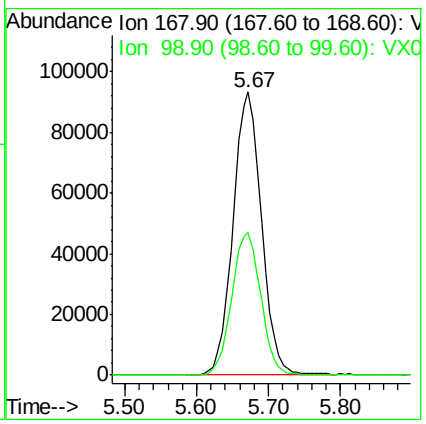


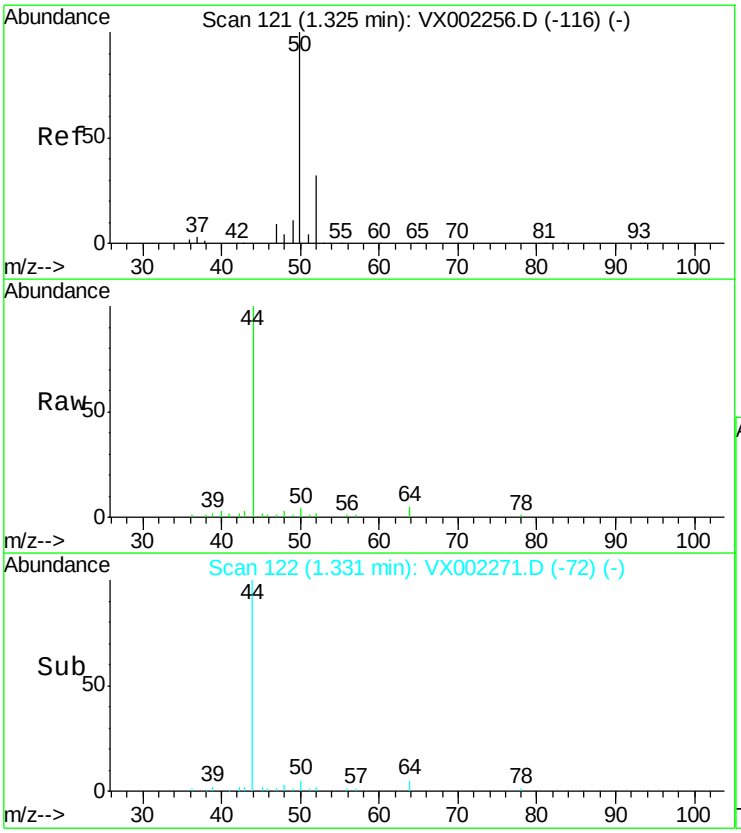
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
LF6-0053

Tgt Ion:168 Resp: 256768

Ion	Ratio	Lower	Upper
168	100		
99	50.5	39.3	58.9

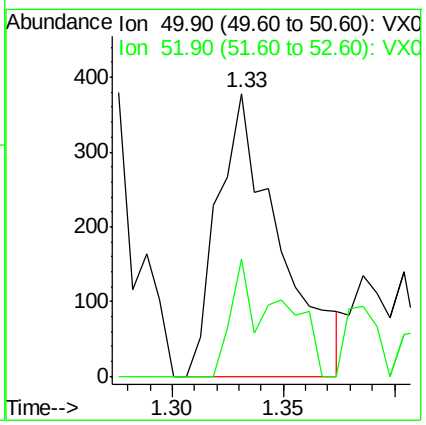


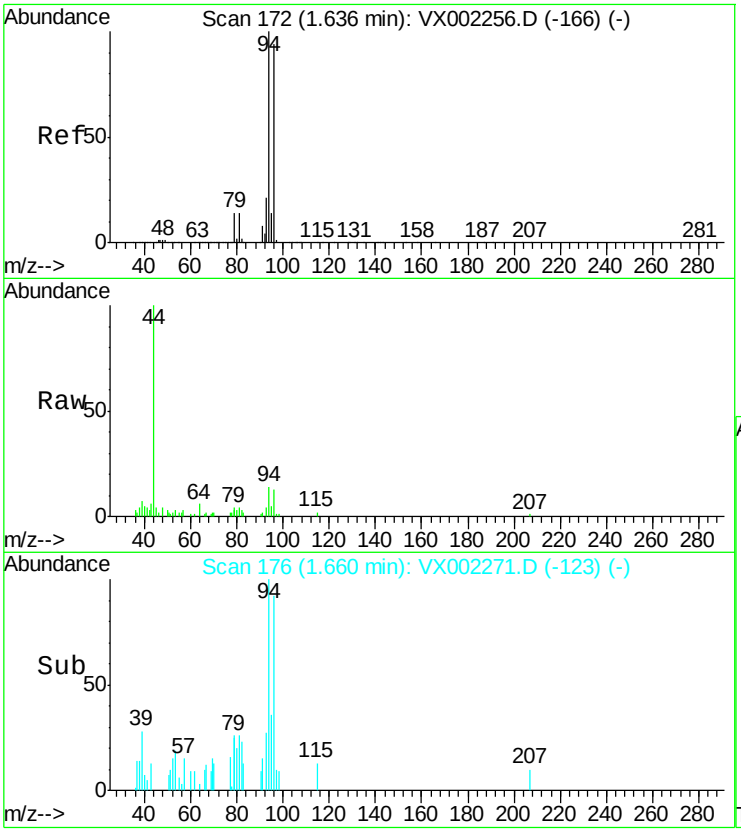


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 50 Resp: 724

Ion	Ratio	Lower	Upper
50	100		
52	41.5	25.7	38.5#



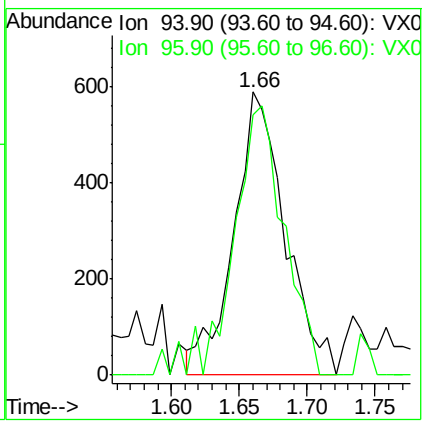


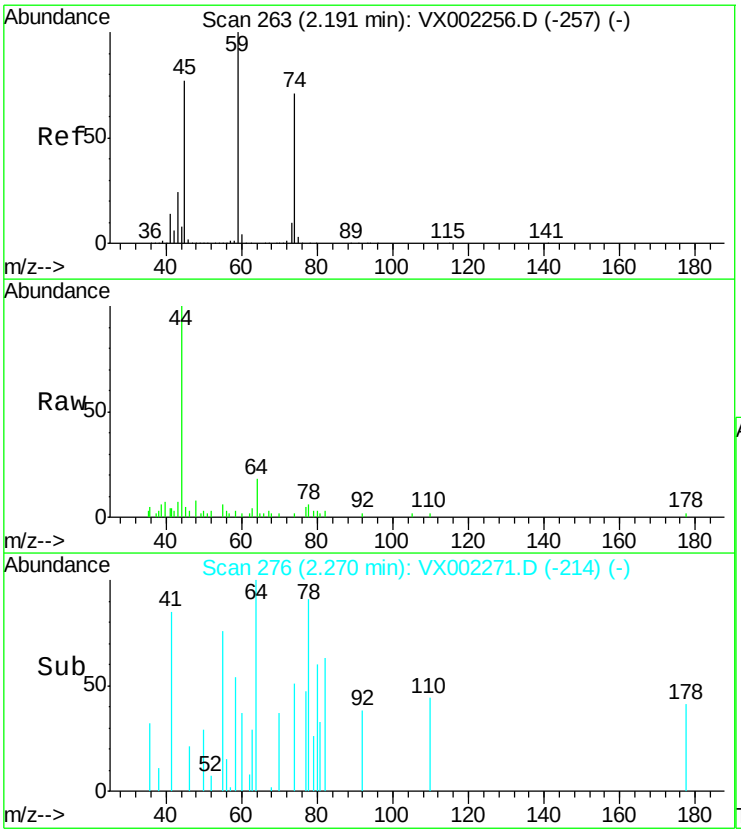
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion: 94 Resp: 1552

Ion	Ratio	Lower	Upper
94	100		
96	92.0	74.9	112.3

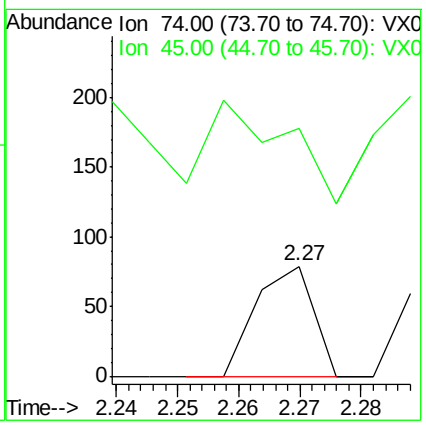


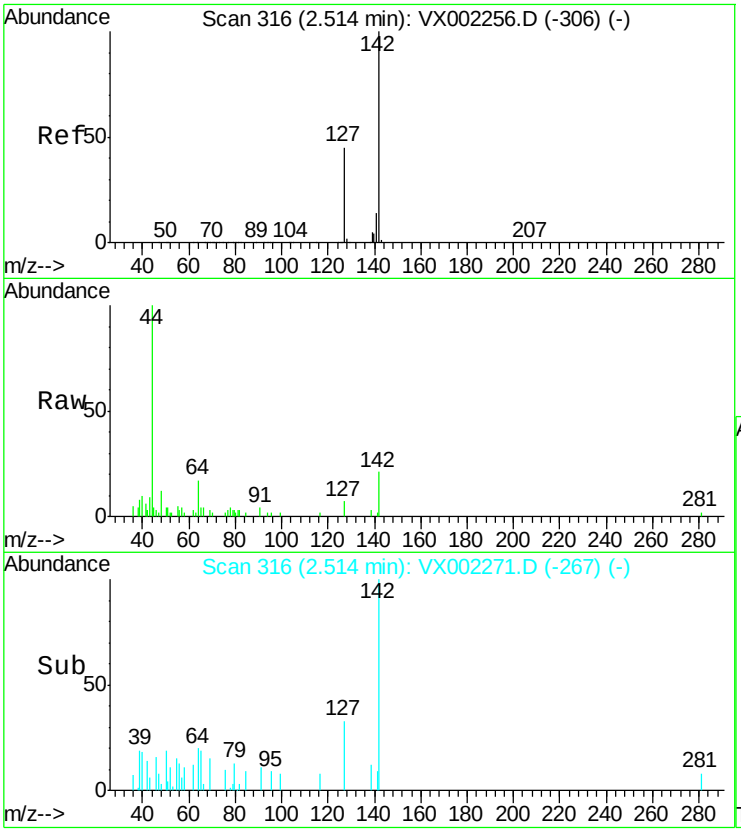


#8
Diethyl Ether
Concen: Below Cal
RT: 2.27 min Scan# 276
Delta R.T. 0.08 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 74 Resp: 52

Ion	Ratio	Lower	Upper
74	100		
45	121.2	53.1	159.4



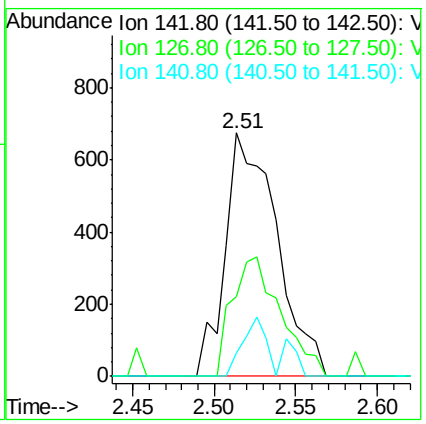


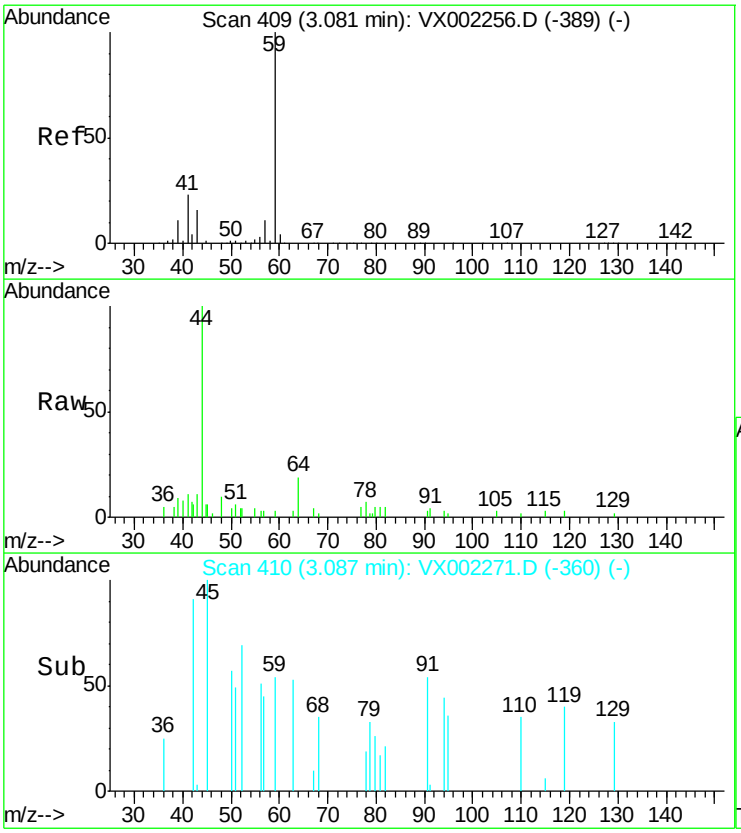
#10
Methyl Iodide
Concen: 0.38 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion:142 Resp: 1484

Ion	Ratio	Lower	Upper
142	100		
127	46.3	36.6	55.0
141	11.1	11.3	16.9#

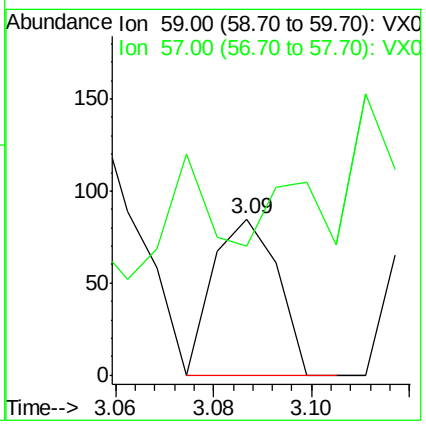


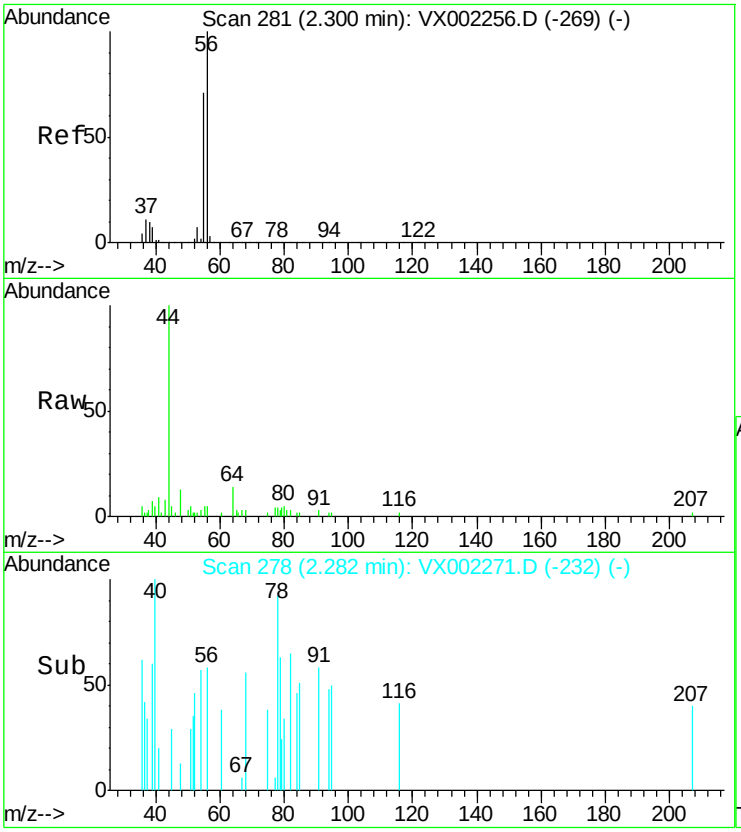


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 59 Resp: 78

Ion	Ratio	Lower	Upper
59	100		
57	59.0	8.2	12.2#



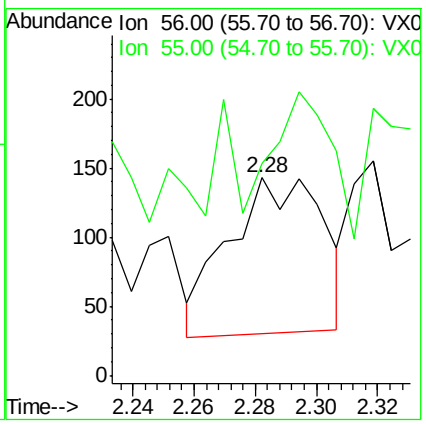


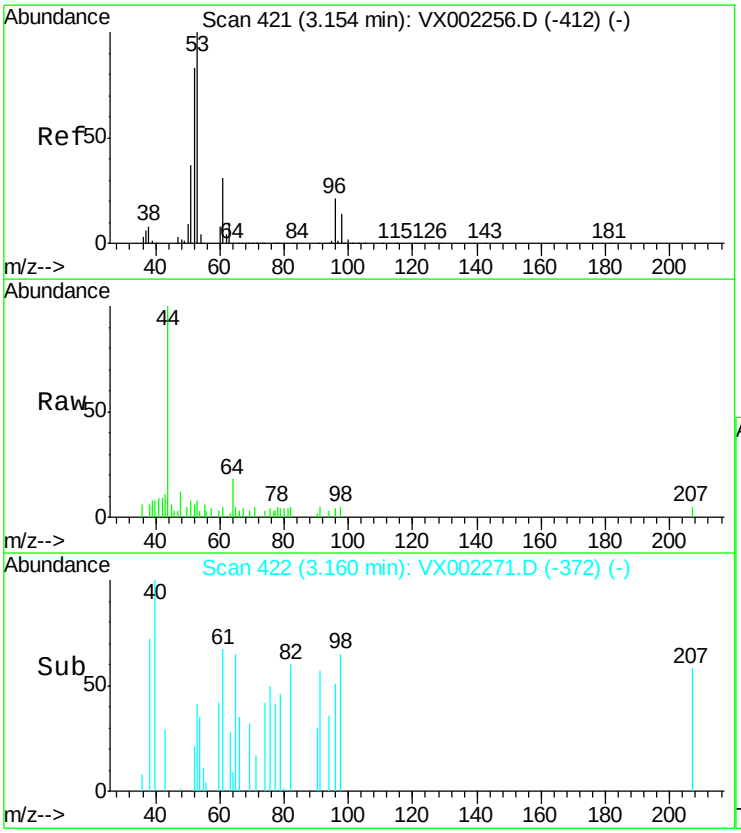
#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion: 56 Resp: 241

Ion	Ratio	Lower	Upper
56	100		
55	58.1	57.0	85.4

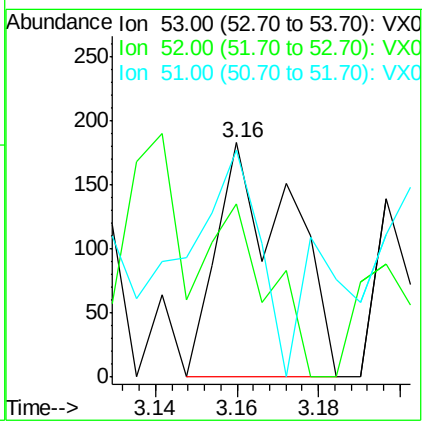


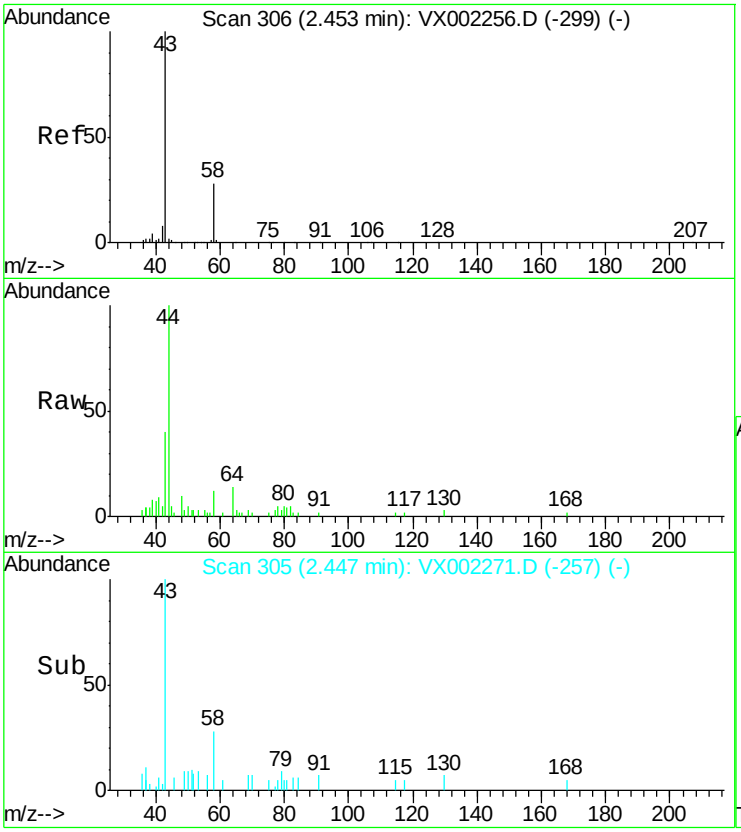


#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 53 Resp: 227

Ion	Ratio	Lower	Upper
53	100		
52	106.2	66.7	100.1#
51	95.6	29.9	44.9#



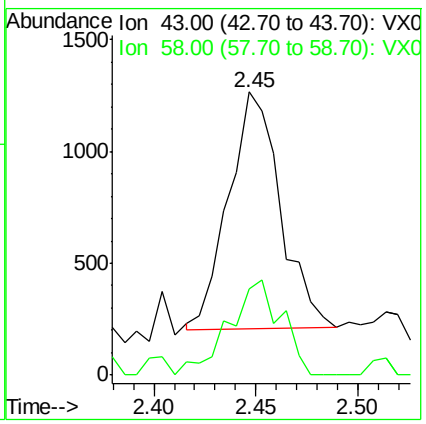


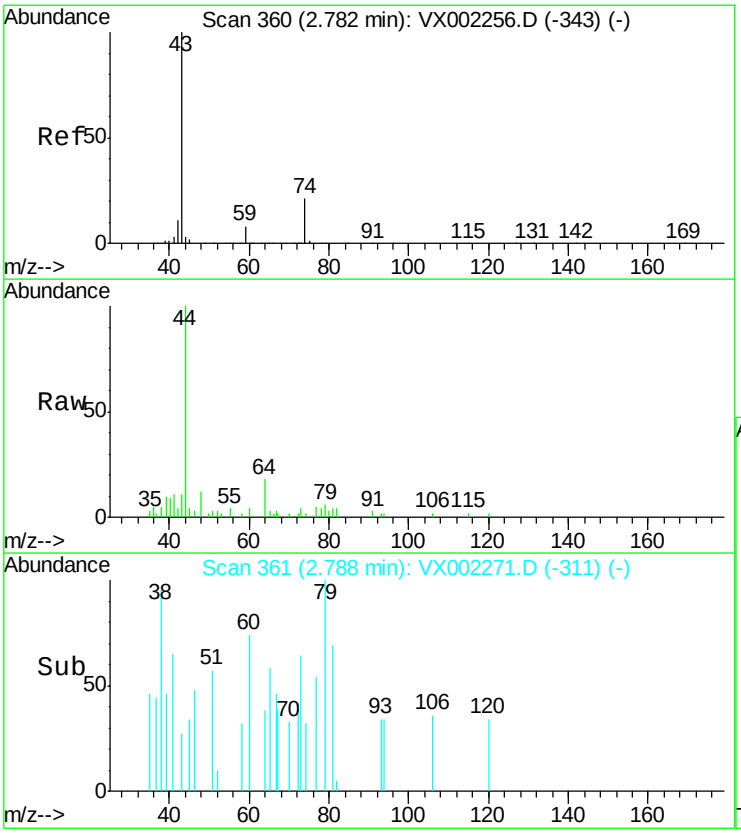
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion: 43 Resp: 1872

Ion	Ratio	Lower	Upper
43	100		
58	36.7	22.1	33.1#

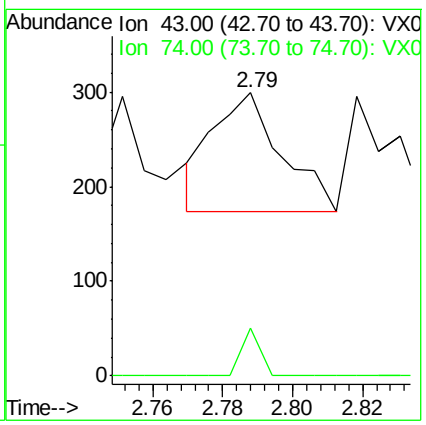


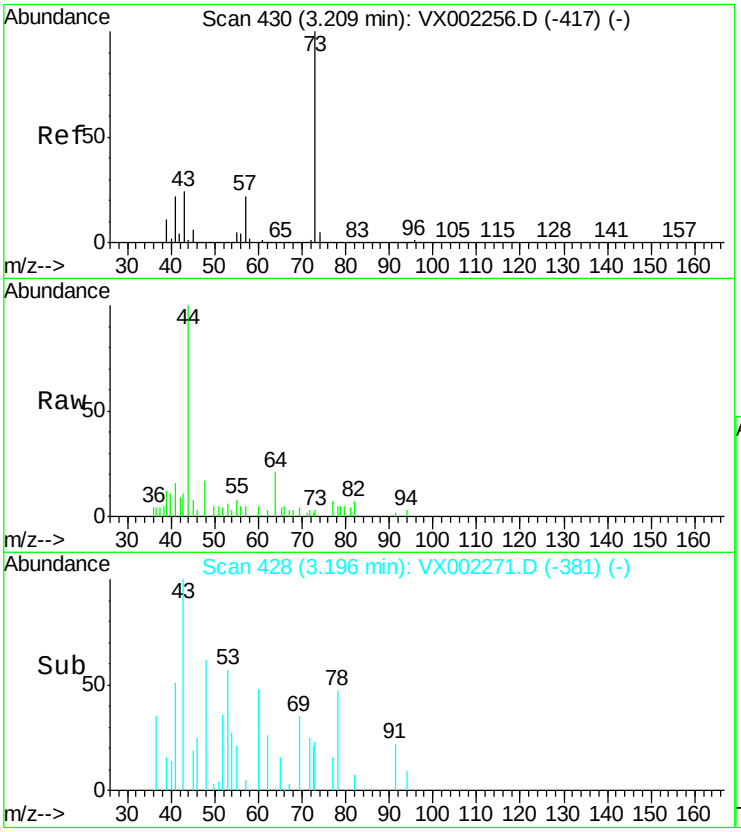


#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 43 Resp: 170

Ion	Ratio	Lower	Upper
43	100		
74	11.2	16.7	25.1#



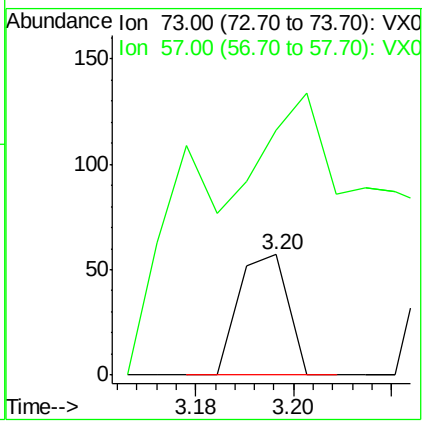


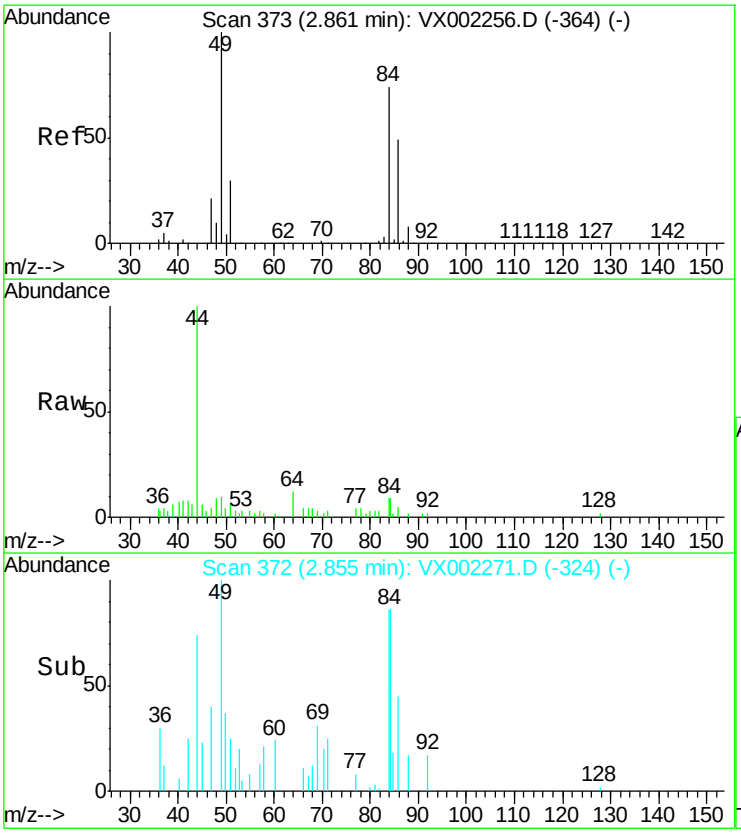
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion: 73 Resp: 40

Ion	Ratio	Lower	Upper
73	100		
57	52.6	17.7	26.5#

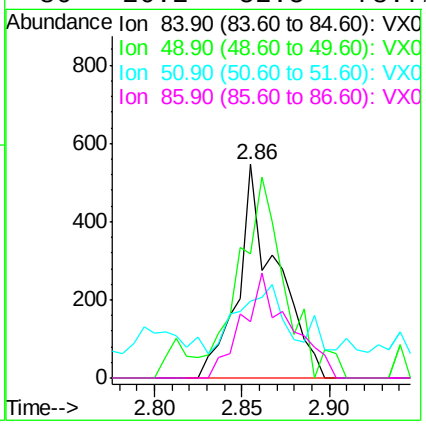


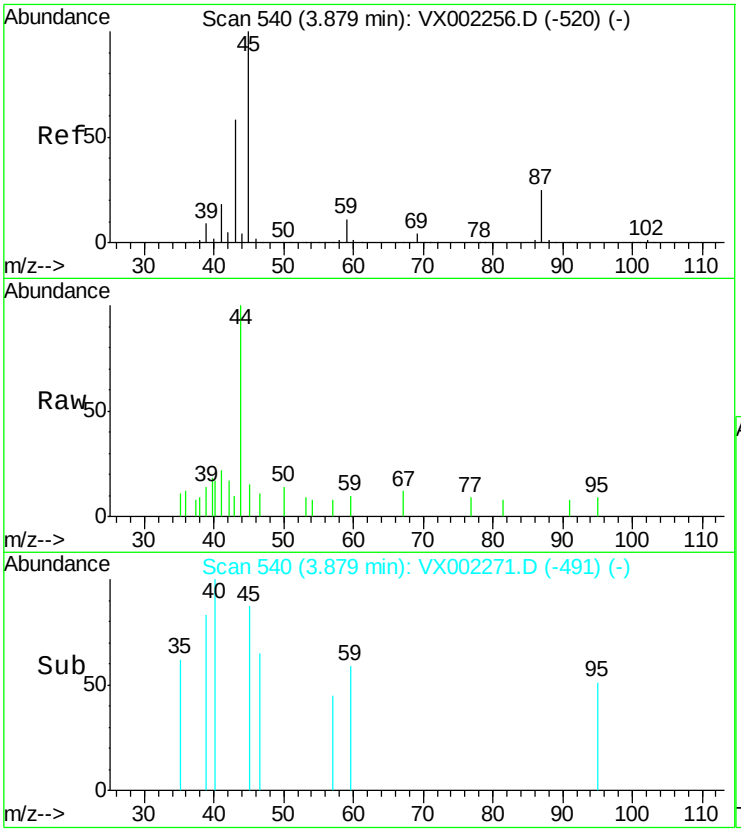


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 84 Resp: 829

Ion	Ratio	Lower	Upper
84	100		
49	47.8	107.8	161.6#
51	22.3	32.8	49.2#
86	26.2	52.5	78.7#



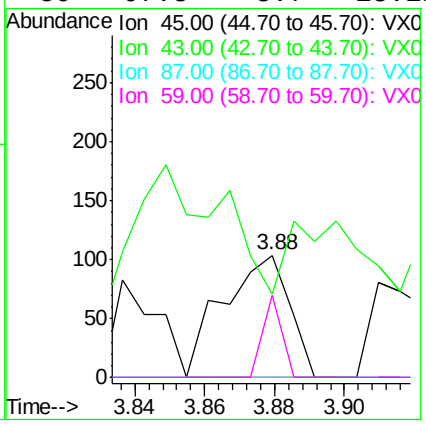


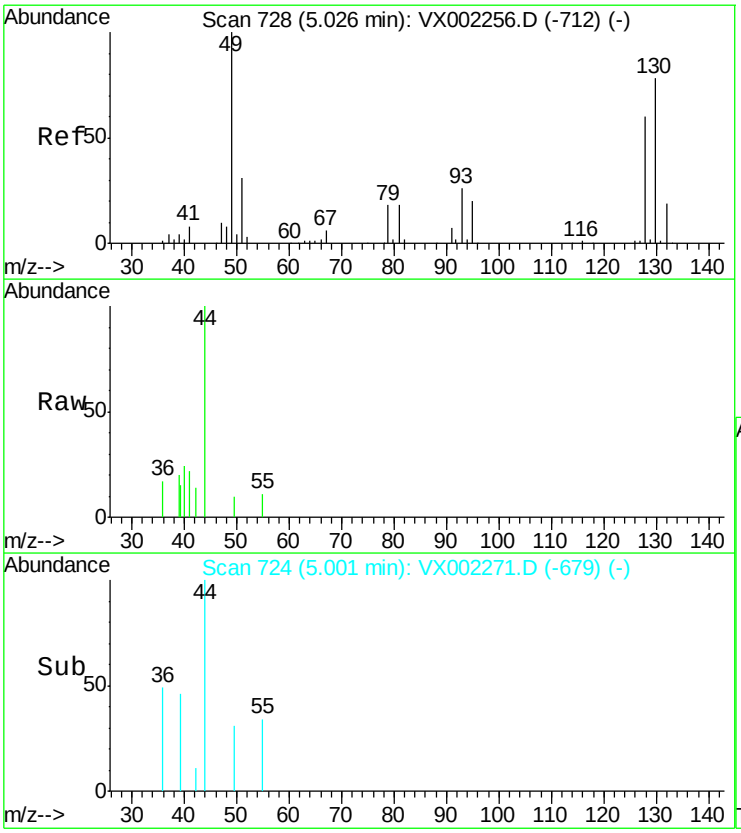
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
LF6-0053

Tgt Ion: 45 Resp: 137

Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.8	70.2#
87	0.0	20.2	30.4#
59	67.3	8.7	13.1#

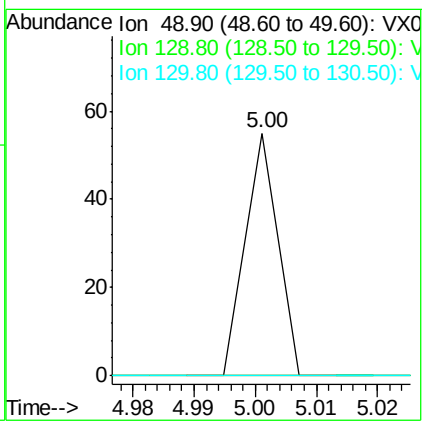


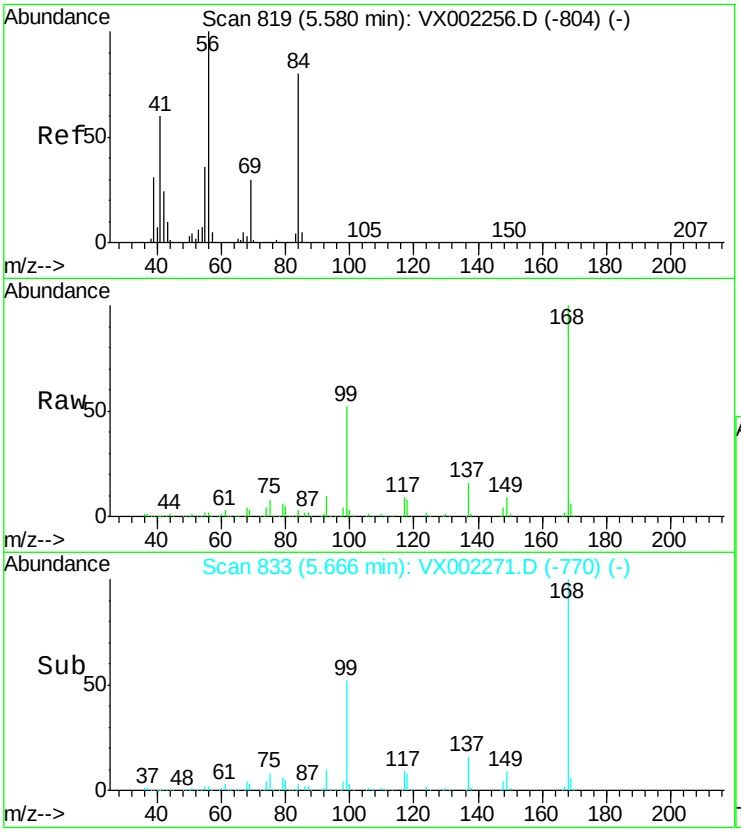


#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 724
Delta R.T. -0.02 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 49 Resp: 20

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



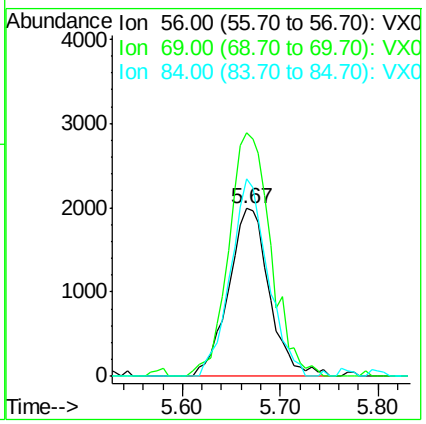


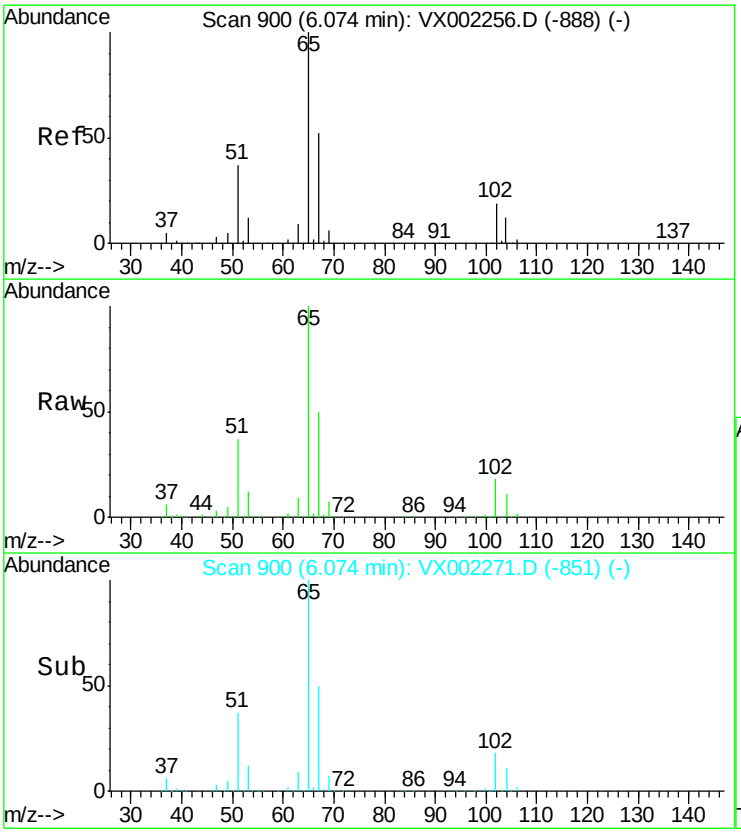
#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion: 56 Resp: 5758

Ion	Ratio	Lower	Upper
56	100		
69	145.1	23.7	35.5#
84	117.9	64.1	96.1#

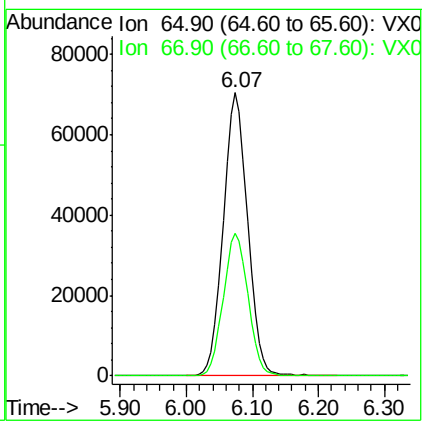


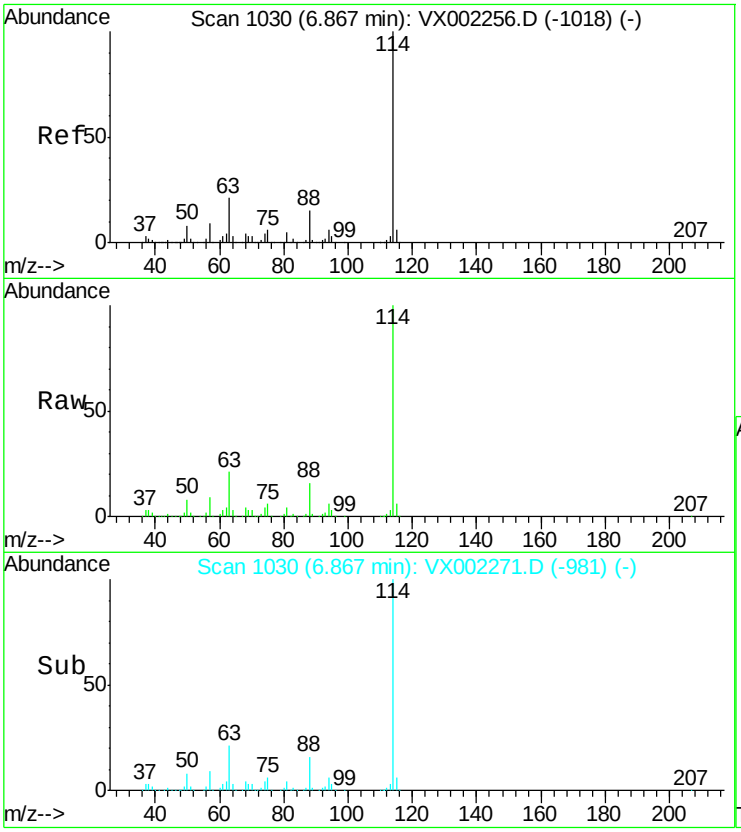


#33
1,2-Dichloroethane-d4
Concen: 48.88 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 65 Resp: 179771

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6



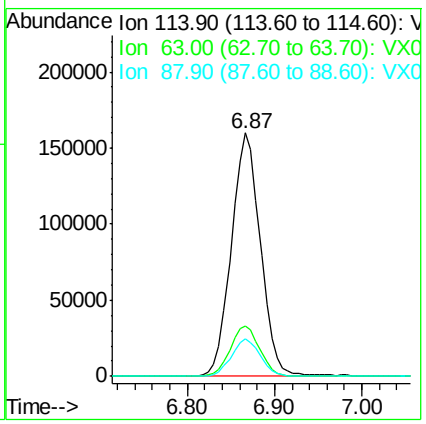


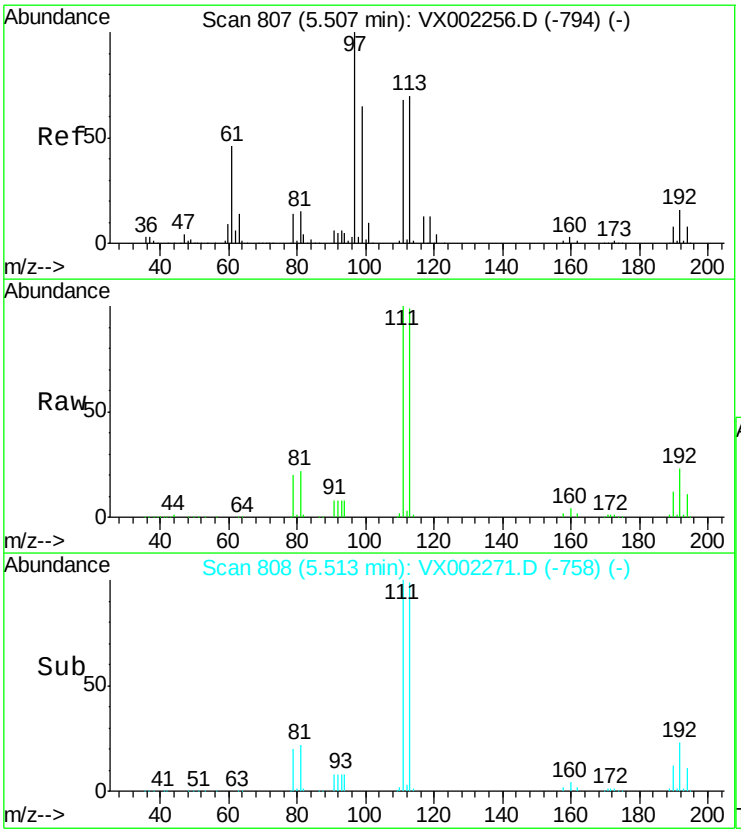
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion:114 Resp: 370802

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	15.6	0.0	30.0

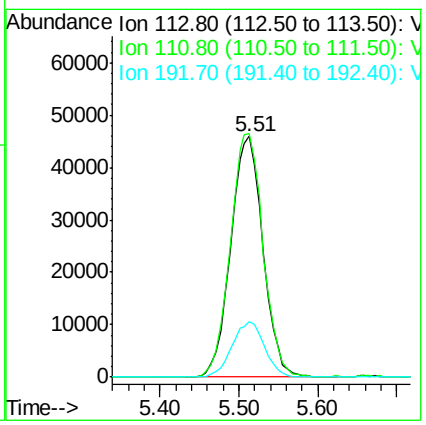


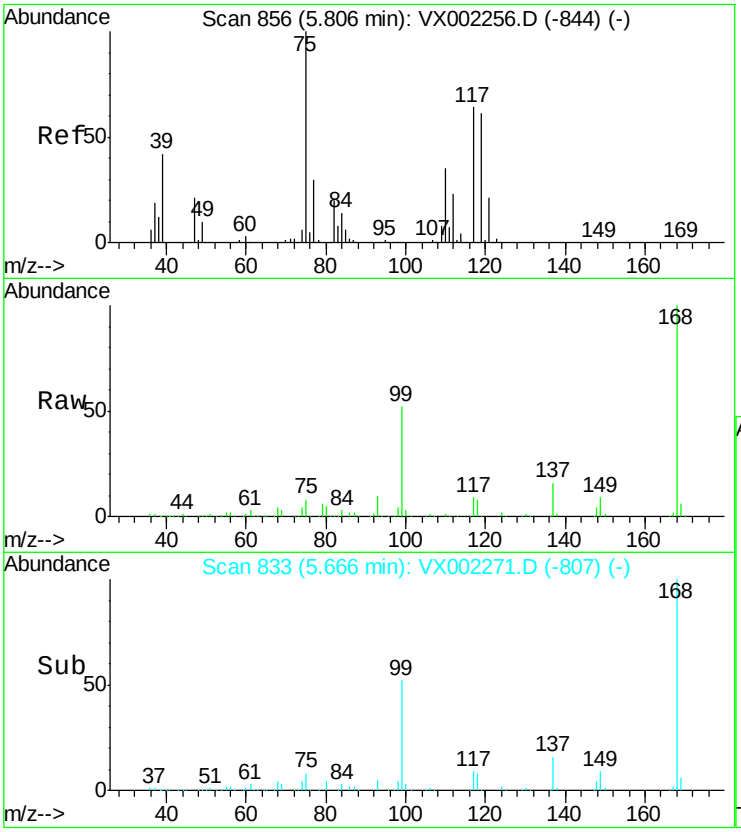


#35
Dibromofluoromethane
Concen: 44.62 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion:113 Resp: 130114

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	23.1	19.1	28.7



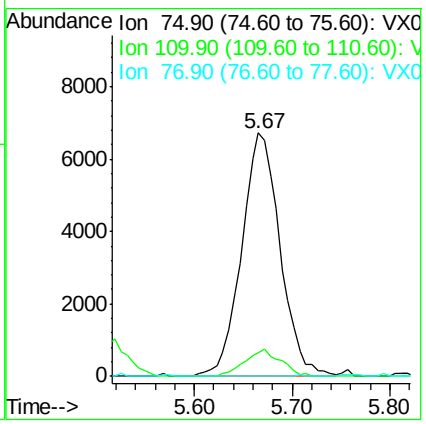


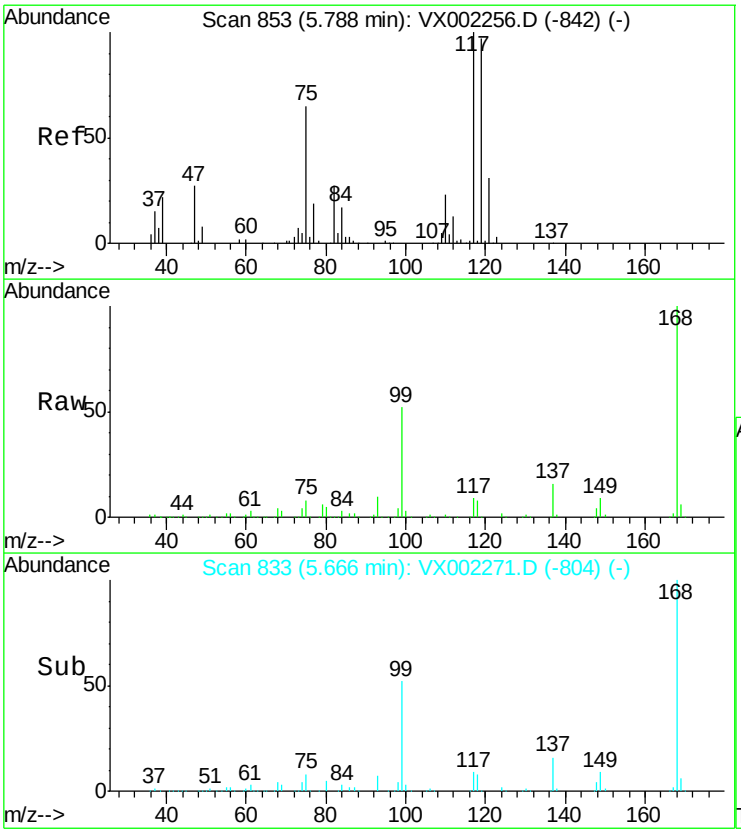
#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion: 75 Resp: 18414

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	24.3	36.5#

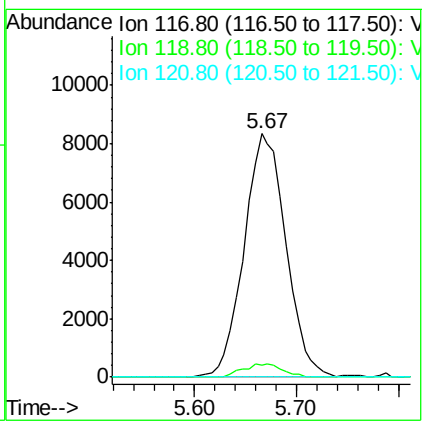


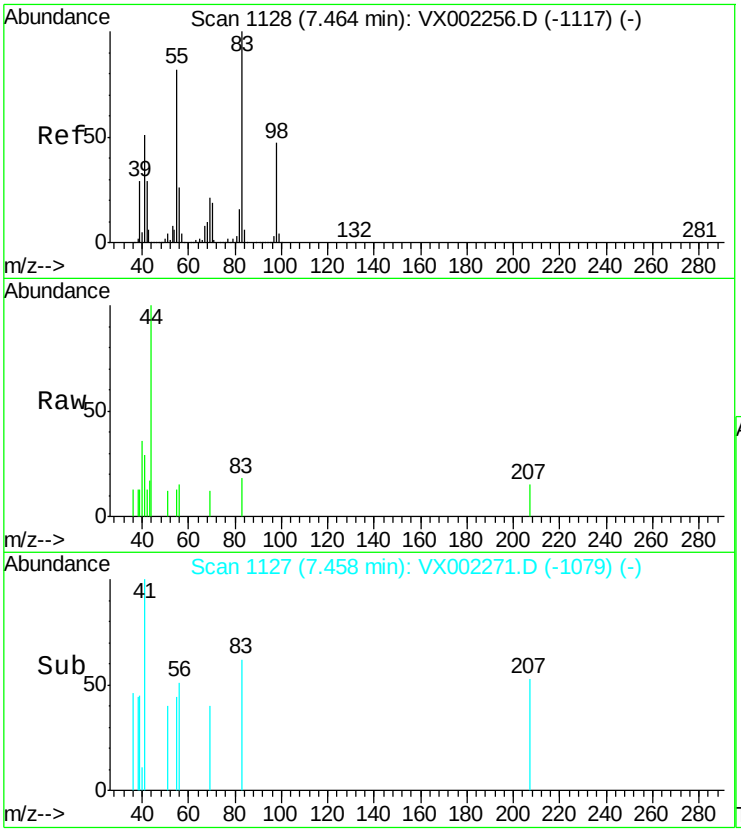


#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion:117 Resp: 23710

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.0#
121	0.0	24.4	36.6#



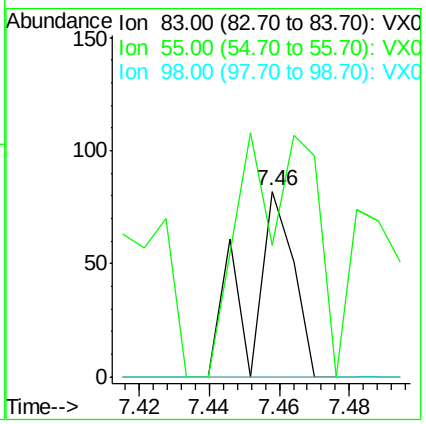


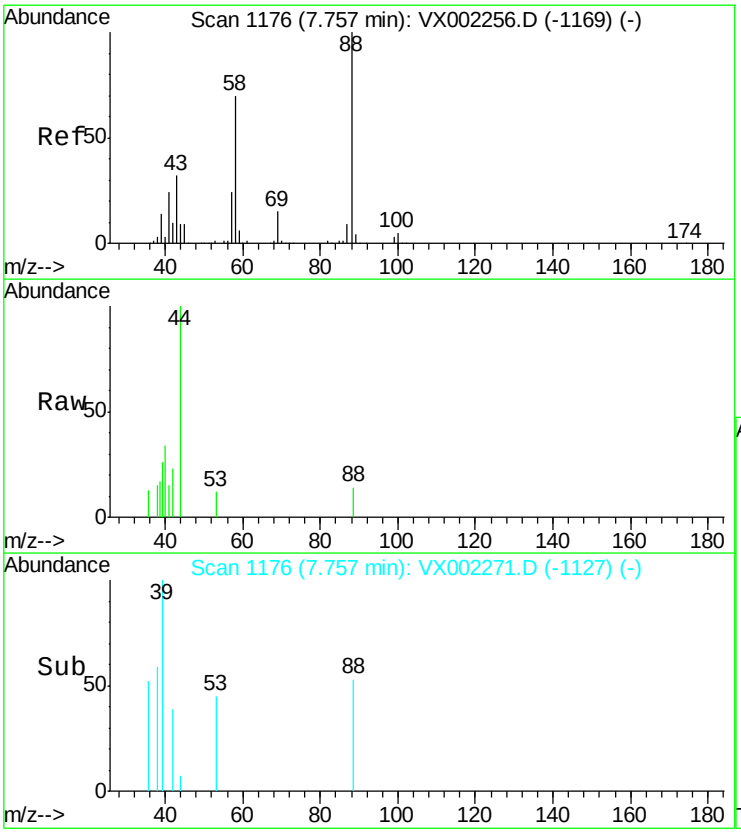
#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion: 83 Resp: 71

Ion	Ratio	Lower	Upper
83	100		
55	70.7	65.4	98.0
98	0.0	37.4	56.0#

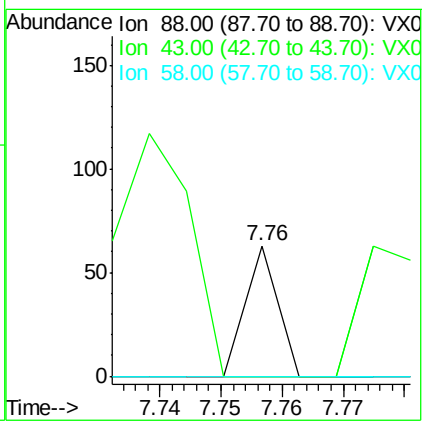


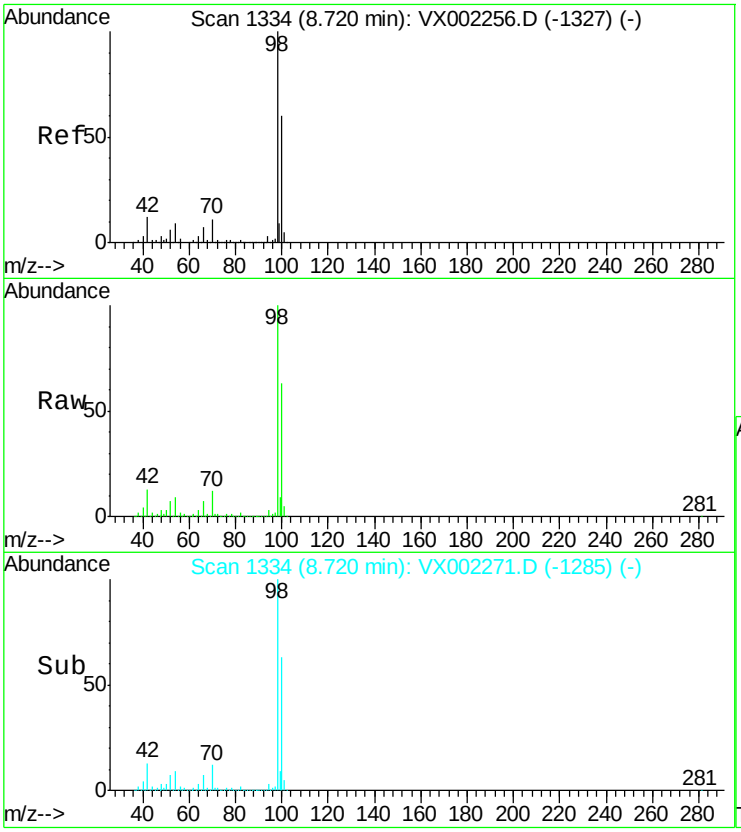


#49
1,4-Dioxane
Concen: 0.31 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	430.4	29.8	44.6#
58	0.0	57.1	85.7#



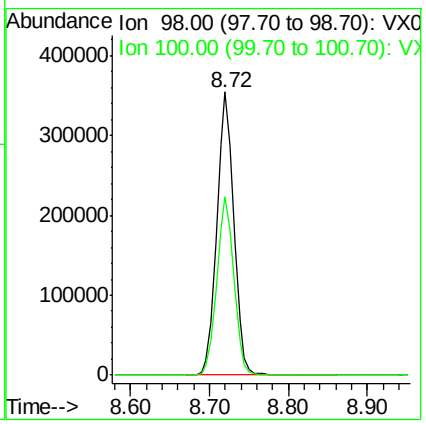


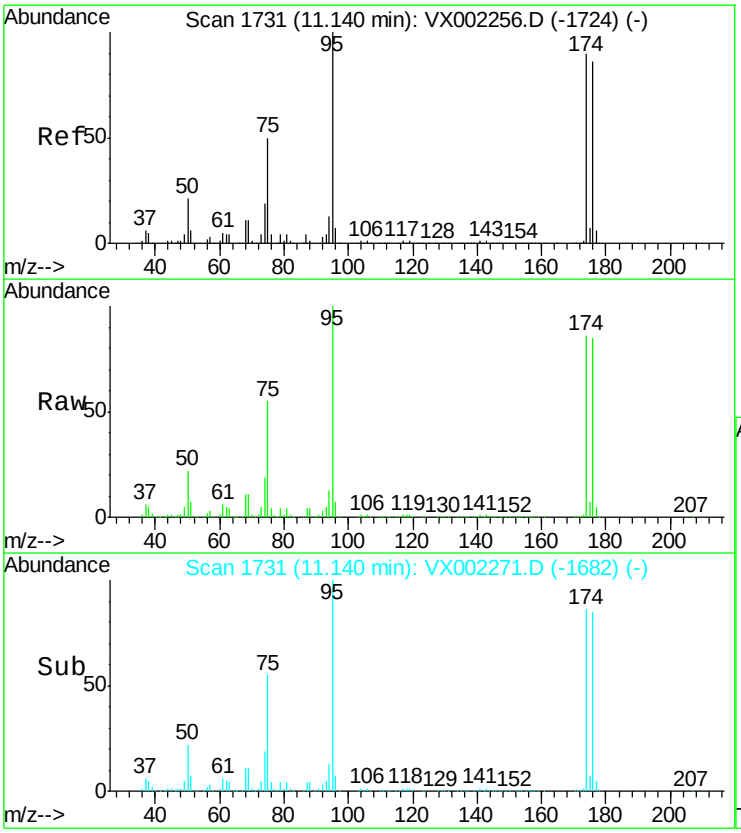
#50
Toluene-d8
Concen: 47.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
LF6-0053

Tgt Ion: 98 Resp: 532975

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3

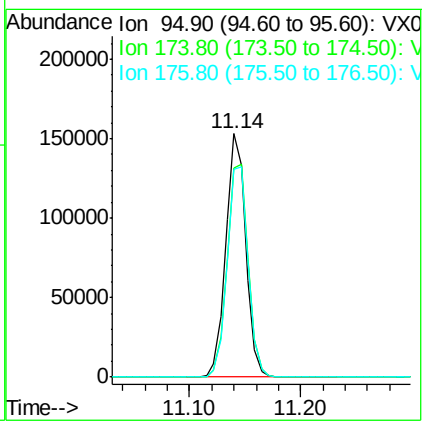


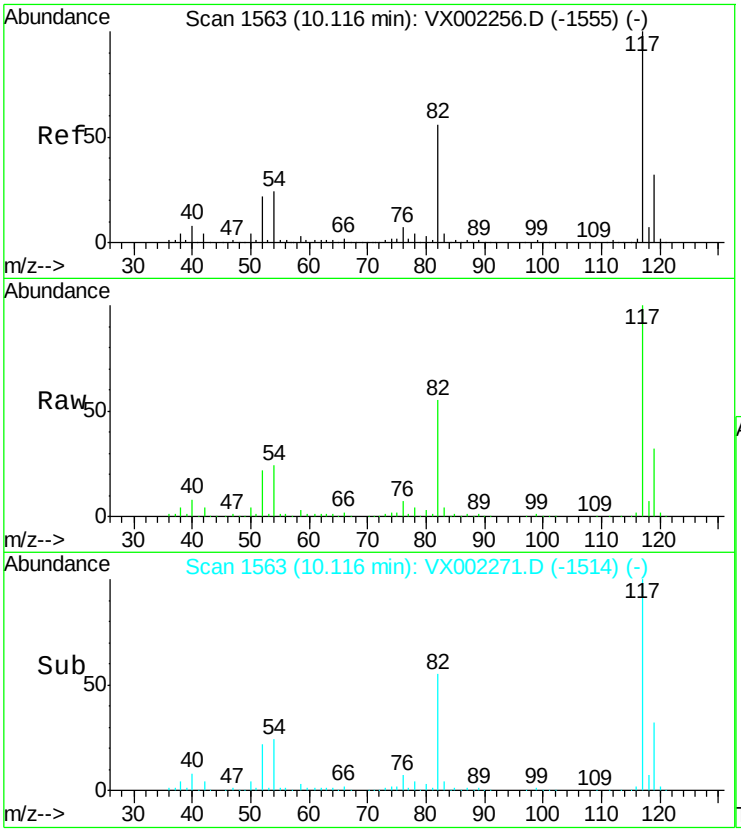


#62
4-Bromofluorobenzene
Concen: 43.92 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 95 Resp: 189300

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	187.4
176	90.8	0.0	181.0



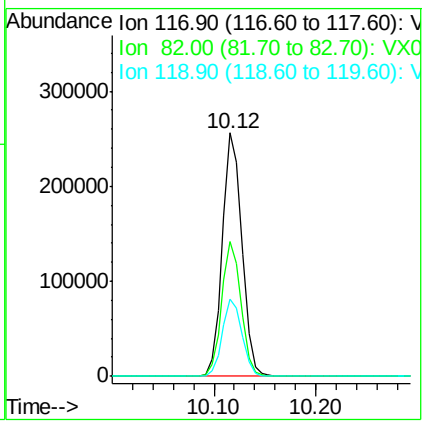


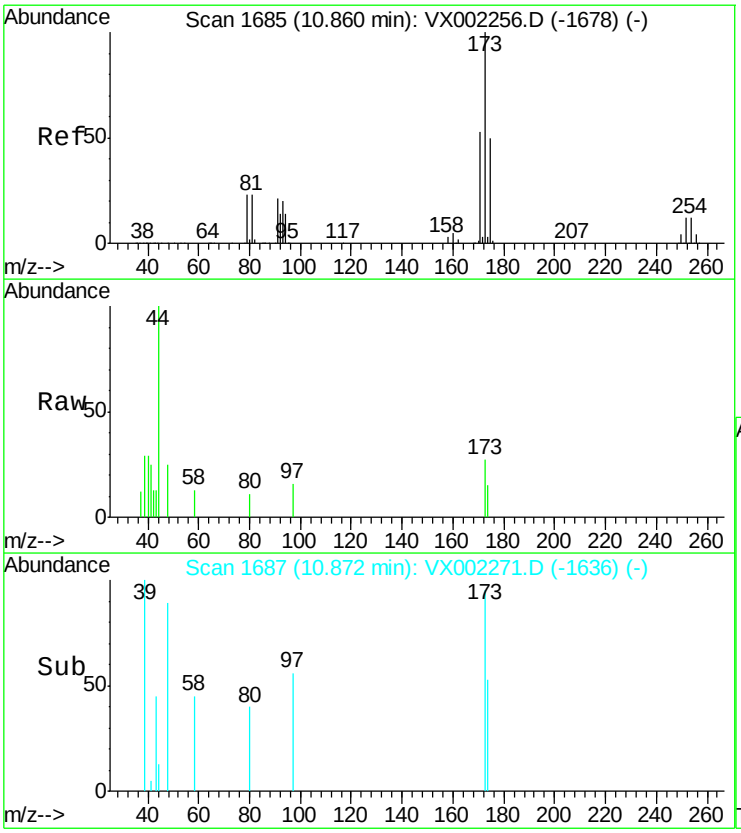
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument : MSVOA_X
ClientSampleId : LF6-0053

Tgt Ion:117 Resp: 340844

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.0	67.4
119	31.6	25.8	38.6

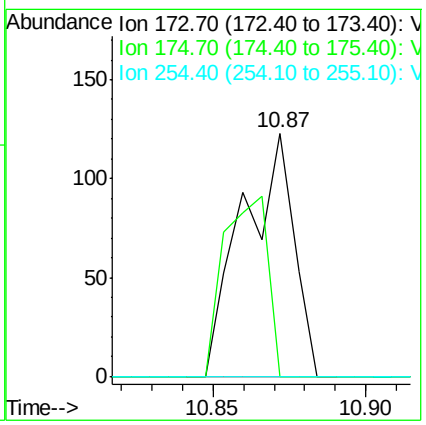


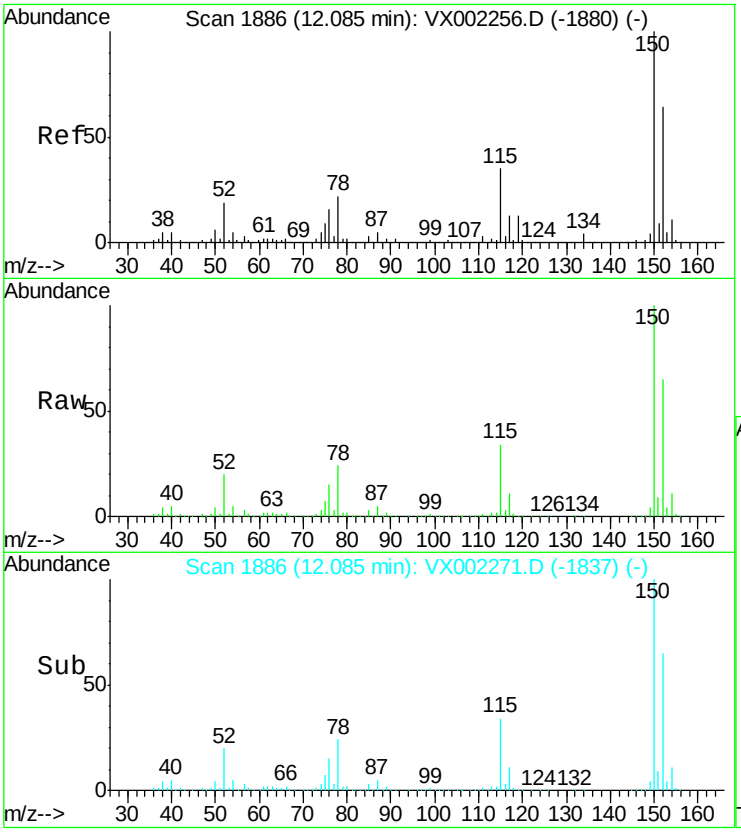


#71
Bromoform
Concen: 3.51 ug/l
RT: 10.87 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion:173 Resp: 143

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#



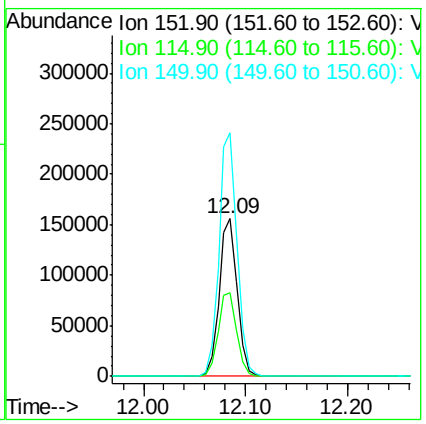


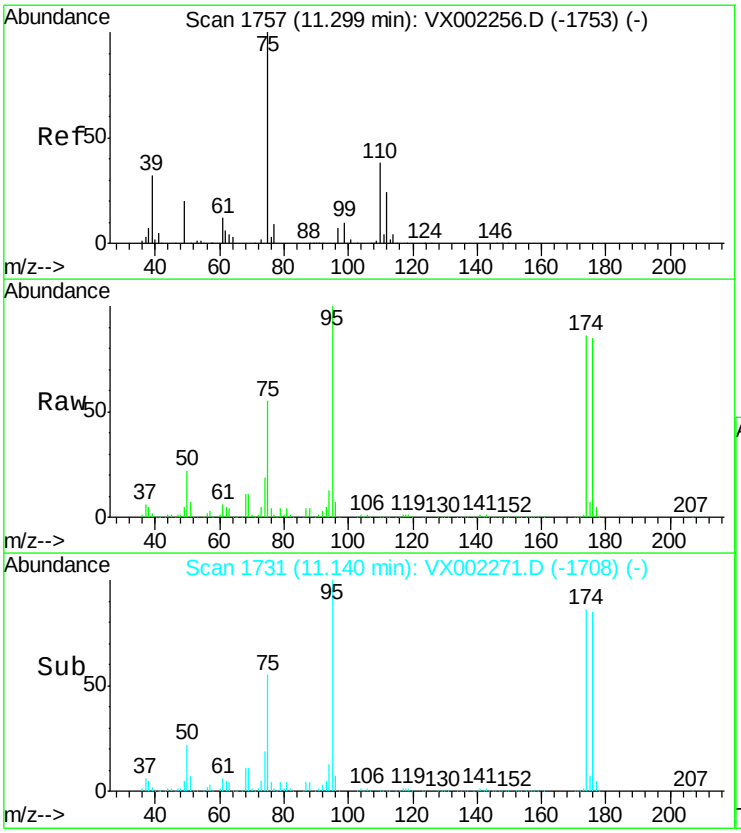
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
LF6-0053

Tgt Ion:152 Resp: 191471

Ion	Ratio	Lower	Upper
152	100		
115	55.0	40.1	120.2
150	155.5	0.0	347.2

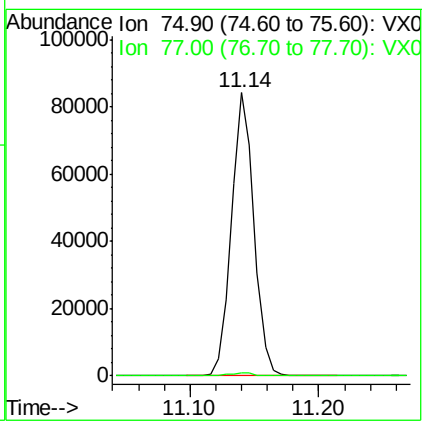


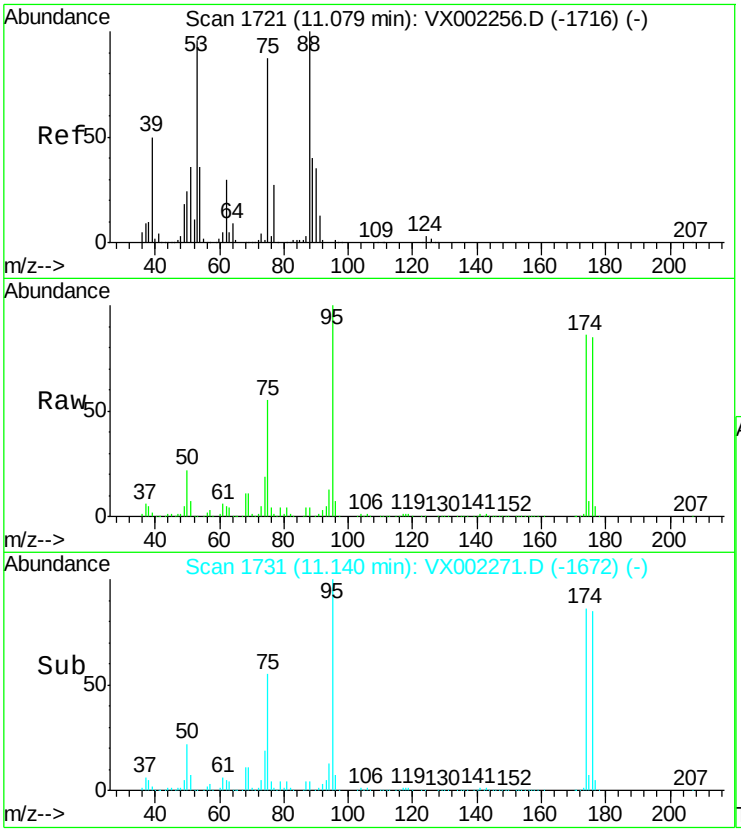


#76
1,2,3-Trichloropropane
Concen: 24.41 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Tgt Ion: 75 Resp: 102553

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.56 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002271.D
Acq: 04 Jun 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
LF6-0053

Tgt Ion: 75 Resp: 102553

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