Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
Data File : VX000461.D
Acq On : 27 Mar 2018 16:30
Operator : JC/MD
Sample : PB107676TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB107676TB

Quant Time: Mar 28 06:52:27 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	101921	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	183816	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	177491	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	90576	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	75559	56.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.58%				
35) Dibromofluoromethane	5.51	113	58670	50.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.32%				
50) Toluene-d8	8.73	98	230884	48.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.26%				
62) 4-Bromofluorobenzene	11.15	95	78092	39.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.88%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	237	0.20	ug/l	#	40
6) Chloroethane	1.73	64	369	Below Cal			96
10) Methyl Iodide	2.52	142	103	4.35	ug/l	#	37
11) Tert butyl alcohol	3.03	59	121	0.26	ug/l	#	72
13) Acrolein	2.31	56	67	15.01	ug/l	#	13
14) Allyl chloride	2.72	41	162	Below Cal		#	65
15) Acrylonitrile	3.15	53	557	0.60	ug/l	#	76
16) Acetone	2.45	43	8012	7.24	ug/l		98
17) Carbon Disulfide	2.57	76	1410	0.49	ug/l	#	85
20) Methylene Chloride	2.86	84	657	0.51	ug/l	#	73
25) 2-Butanone	4.72	43	1484	1.19	ug/l		99
29) Tetrahydrofuran	5.18	42	676	0.88	ug/l	#	67
31) Cyclohexane	5.67	56	2641	1.57	ug/l	#	29
36) 1,1-Dichloropropene	5.67	75	8234	4.78	ug/l	#	51
38) Carbon Tetrachloride	5.68	117	10236	5.67	ug/l	#	15
43) Isopropyl Acetate	6.48	43	1562	0.45	ug/l	#	73
51) 4-Methyl-2-Pentanone	8.66	43	1350	0.50	ug/l	#	81
60) Dibromochloromethane	9.35	129	33	4.13	ug/l	#	12
74) N-amyl acetate	6.48	43	1562	Below Cal		#	59
76) 1,2,3-Trichloropropane	11.15	75	44928	23.08	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.15	75	44928	74.72	ug/l	#	9
93) 1,2,4-Trichlorobenzene	13.65	180	625	0.29	ug/l		98

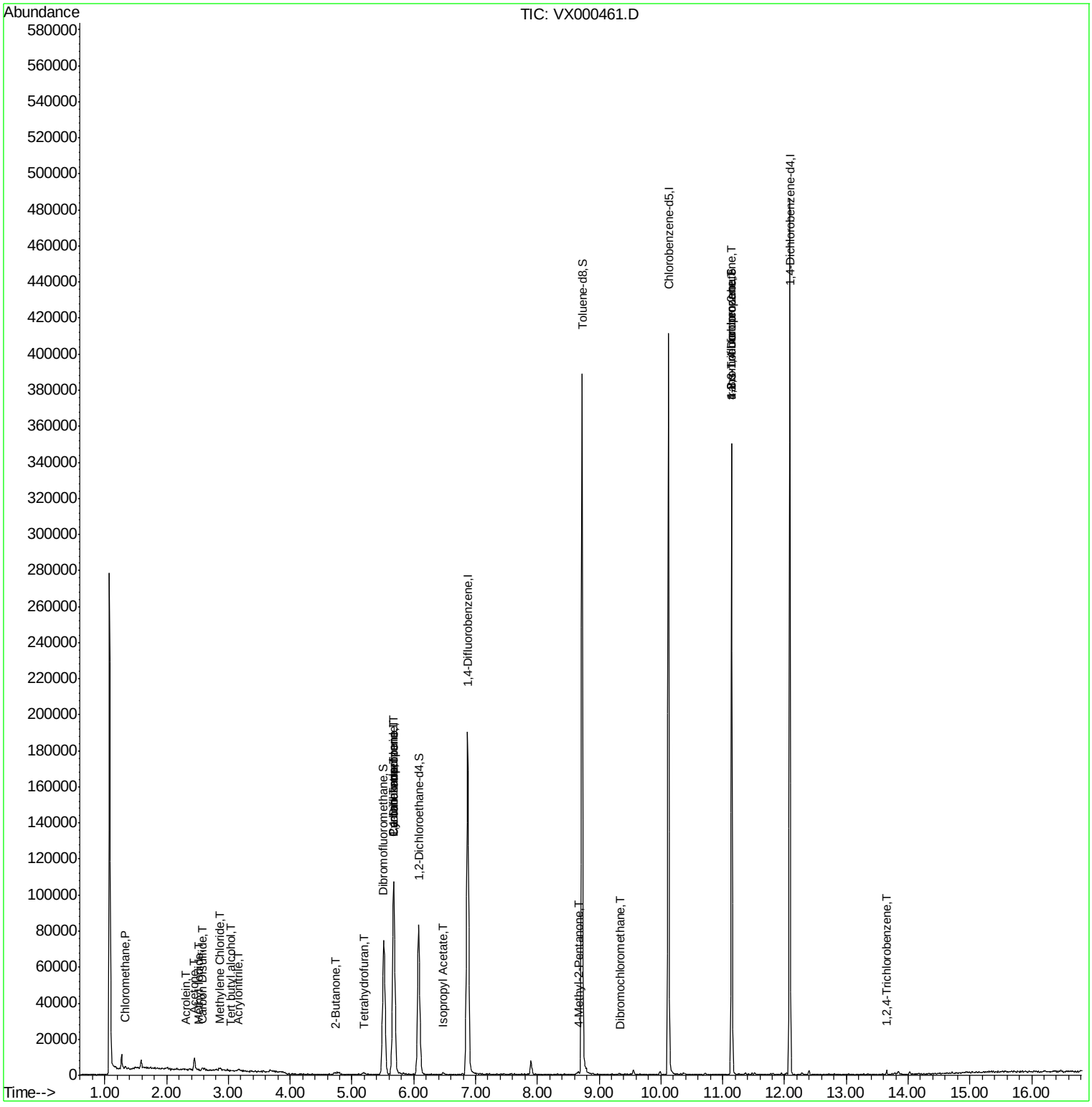
(#) = qualifier out of range (m) = manual integration (+) = signals summed

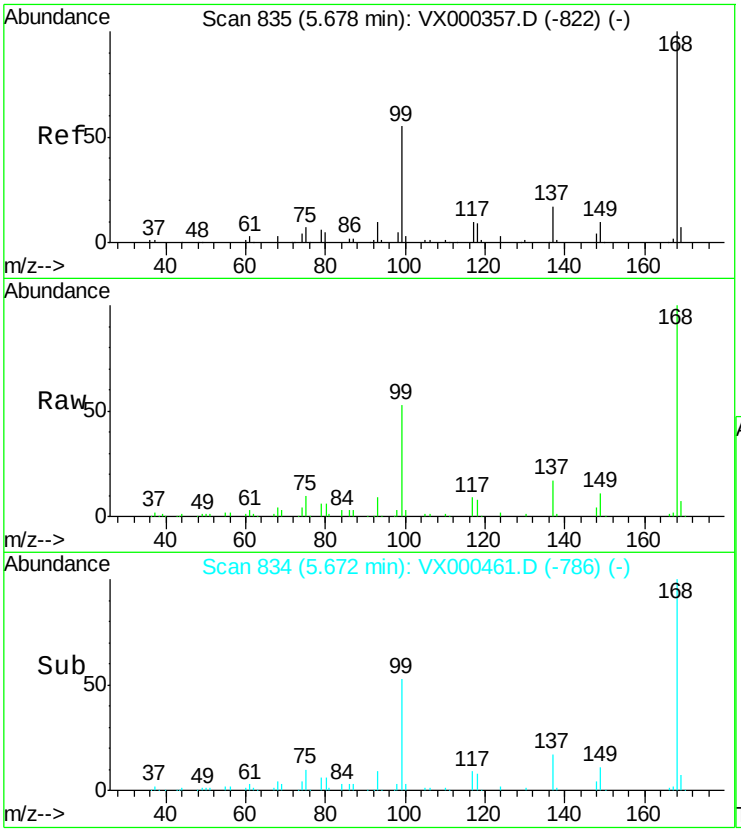
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032718\
Data File : VX000461.D
Acq On : 27 Mar 2018 16:30
Operator : JC/MD
Sample : PB107676TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB107676TB

Quant Time: Mar 28 06:52:27 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration



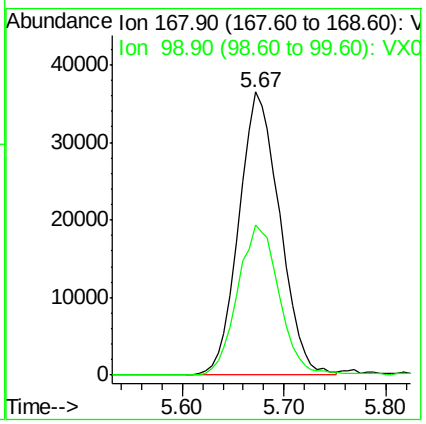


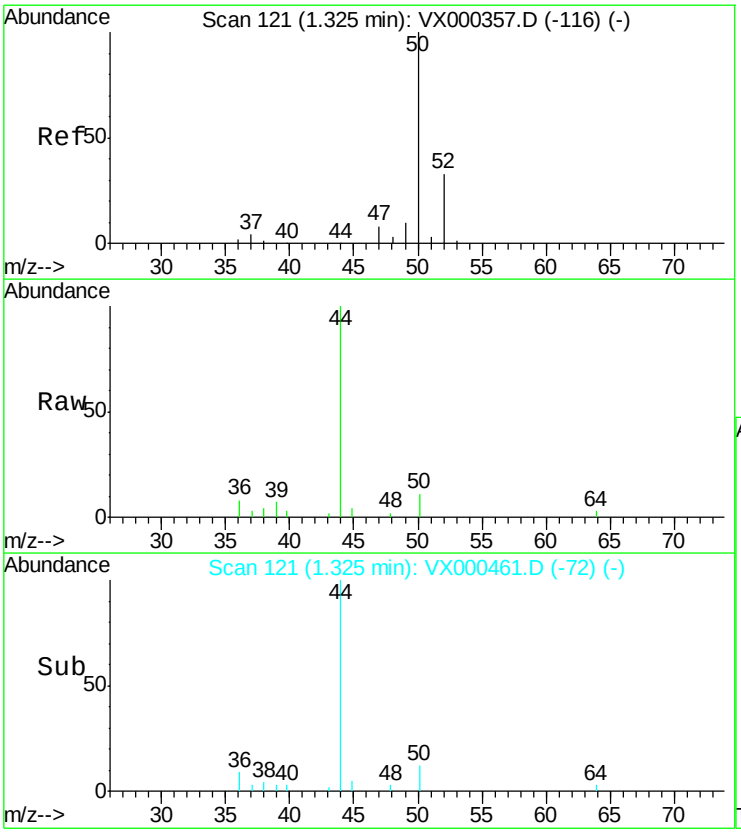
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument : MSVOA_X
ClientSampleId : PB107676TB

Tgt Ion:168 Resp: 101921

Ion	Ratio	Lower	Upper
168	100		
99	53.2	45.8	68.6

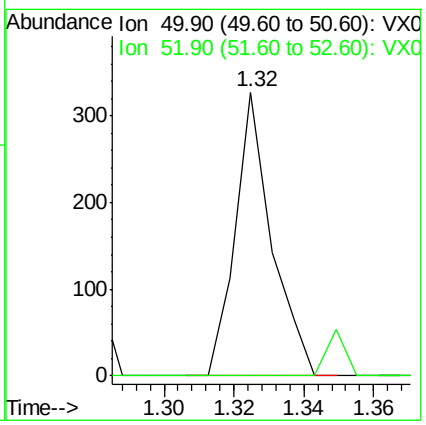


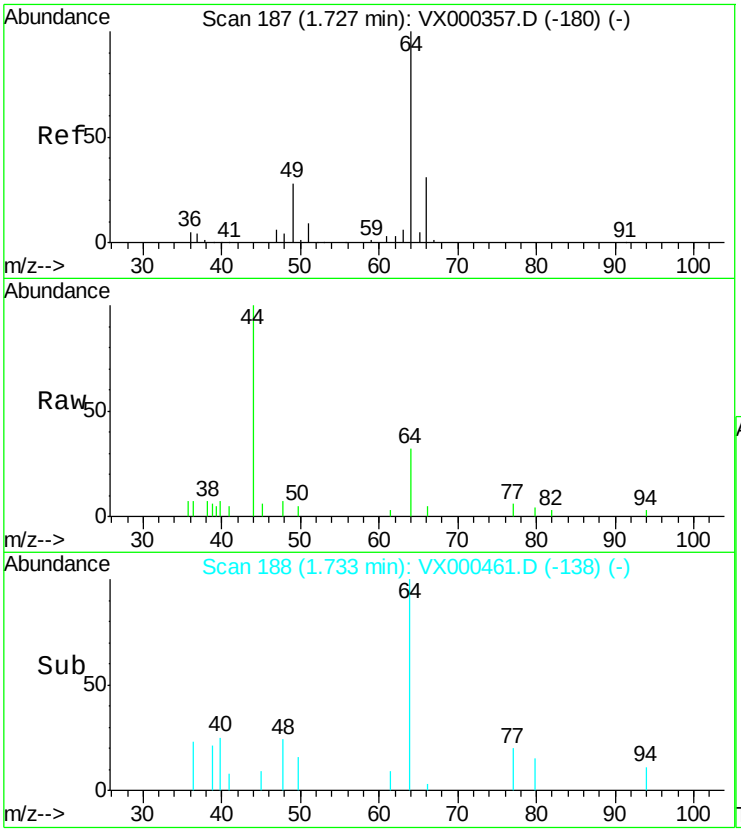


#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion: 50 Resp: 237

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.5	41.3#



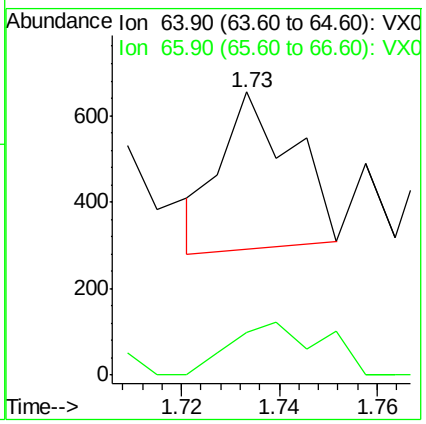


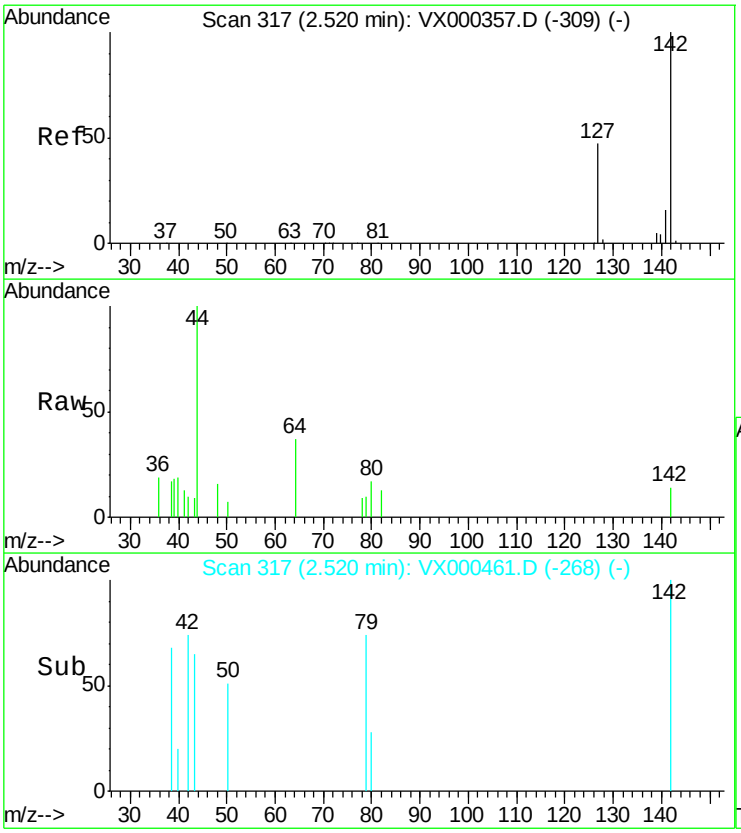
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB107676TB

Tgt Ion: 64 Resp: 369

Ion	Ratio	Lower	Upper
64	100		
66	28.6	24.8	37.2

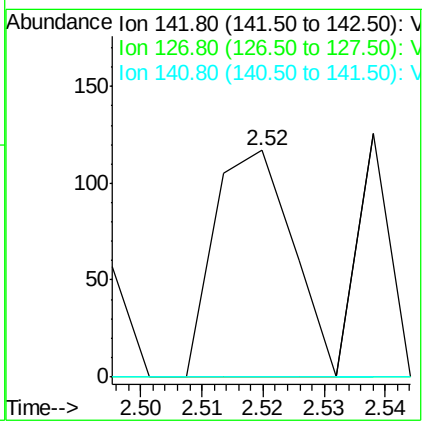


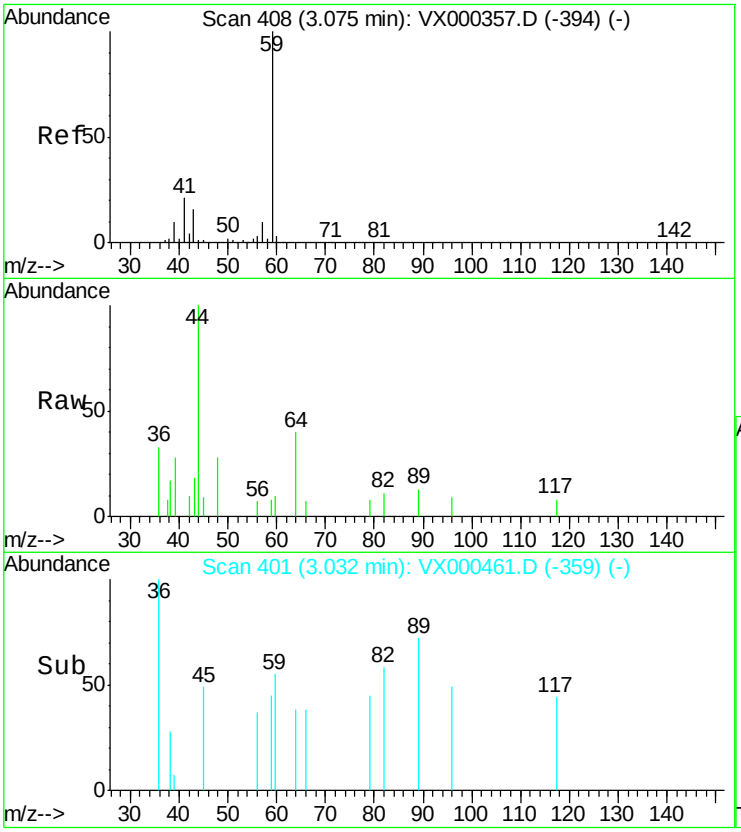


#10
Methyl Iodide
Concen: 4.35 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion:142 Resp: 103

Ion	Ratio	Lower	Upper
142	100		
127	0.0	39.2	58.8#
141	0.0	11.7	17.5#



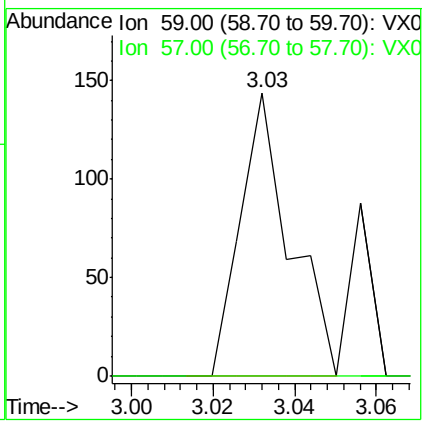


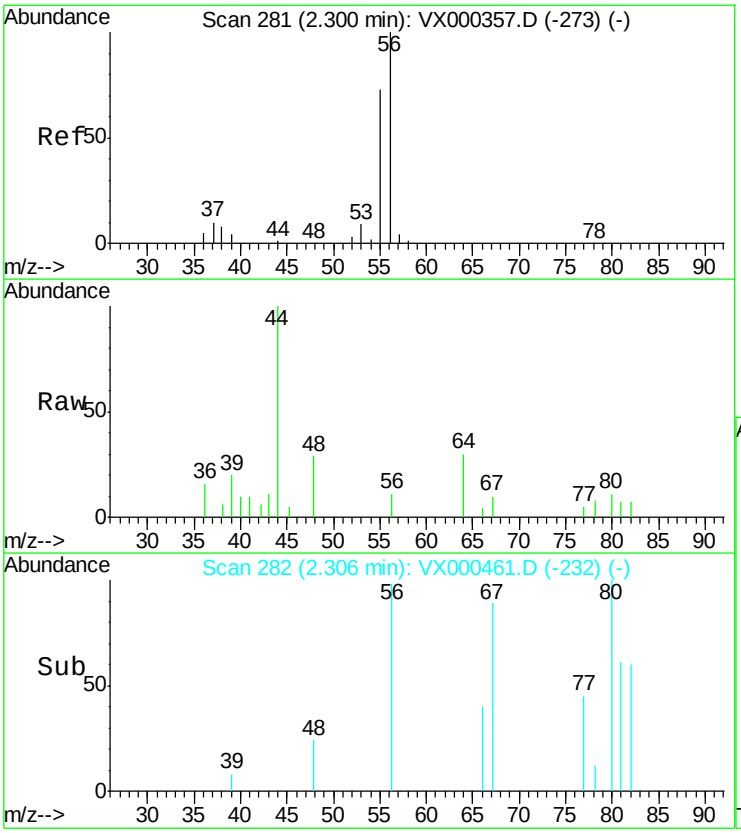
#11
Tert butyl alcohol
Concen: 0.26 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.04 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument : MSVOA_X
ClientSampleId : PB107676TB

Tgt Ion: 59 Resp: 121

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

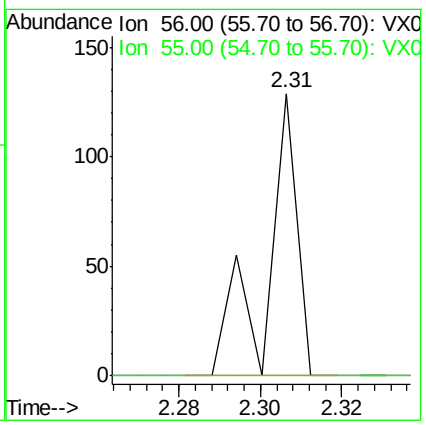


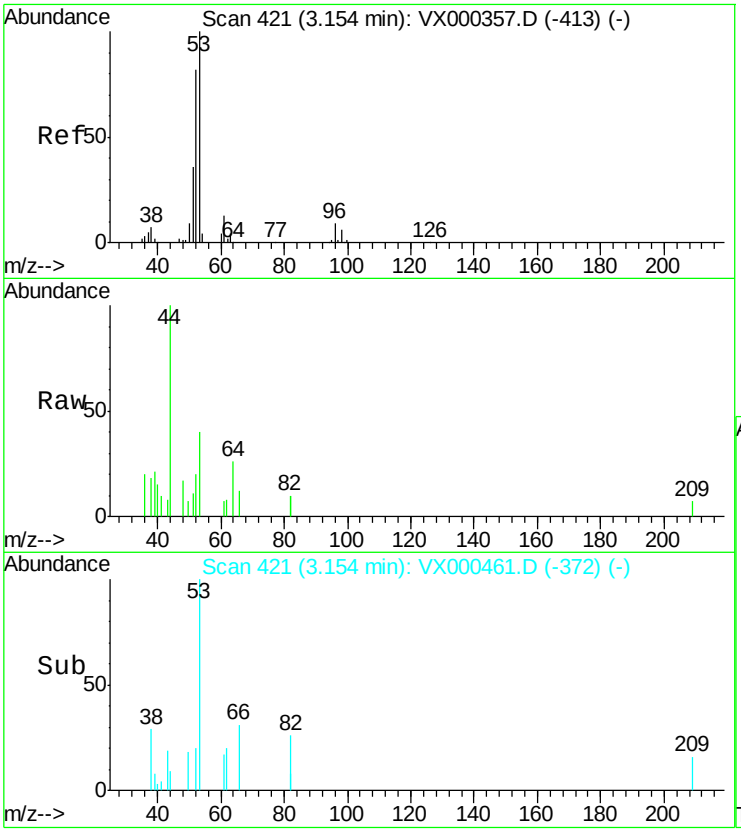


#13
Acrolein
Concen: 15.01 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion: 56 Resp: 67

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.8	88.2#



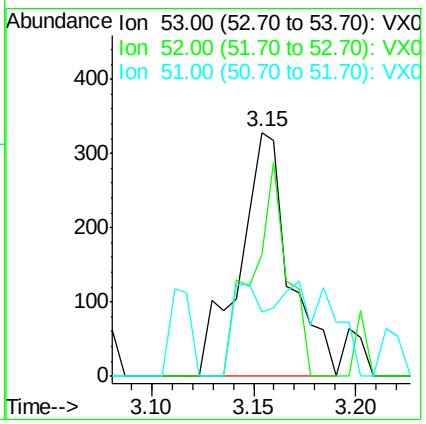


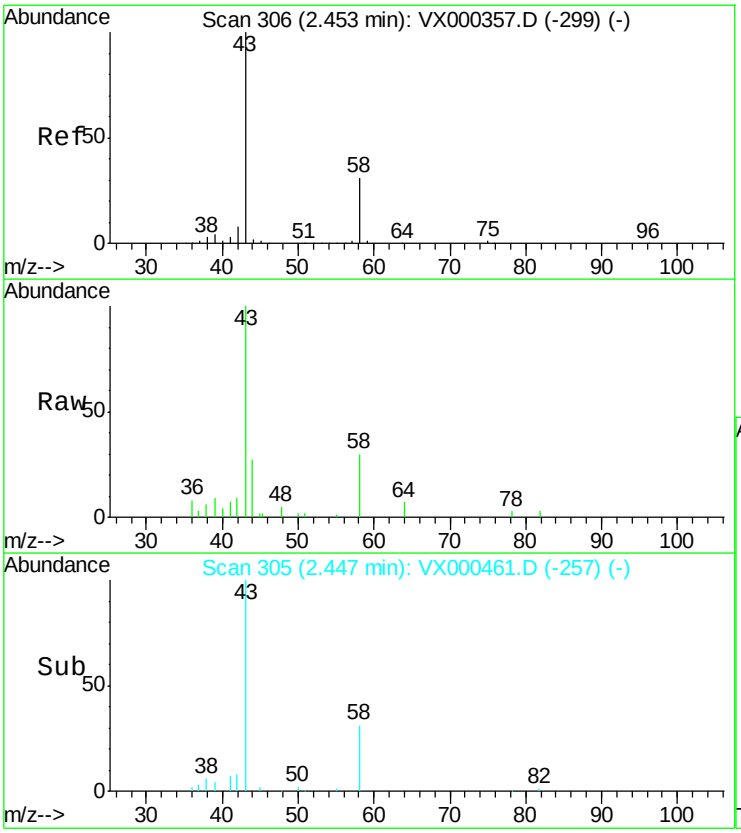
#15
Acrylonitrile
Concen: 0.60 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB107676TB

Tgt Ion: 53 Resp: 557

Ion	Ratio	Lower	Upper
53	100		
52	62.3	66.6	99.8#
51	21.9	29.3	43.9#

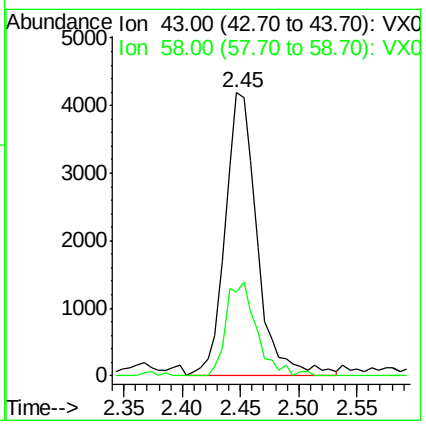


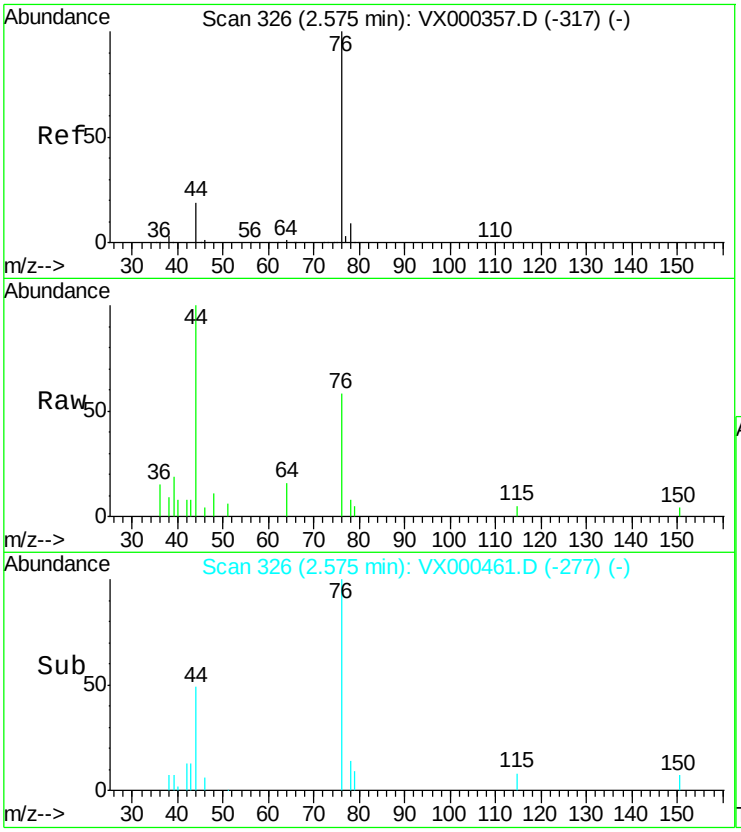


#16
Acetone
Concen: 7.24 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion: 43 Resp: 8012

Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.7	37.1



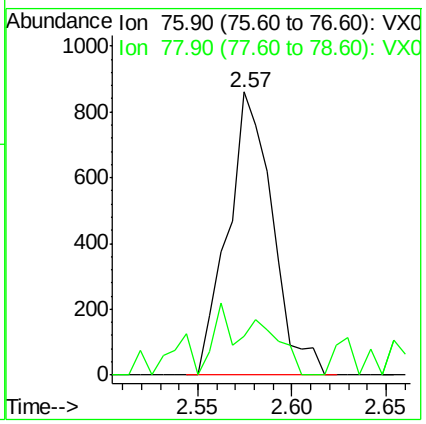


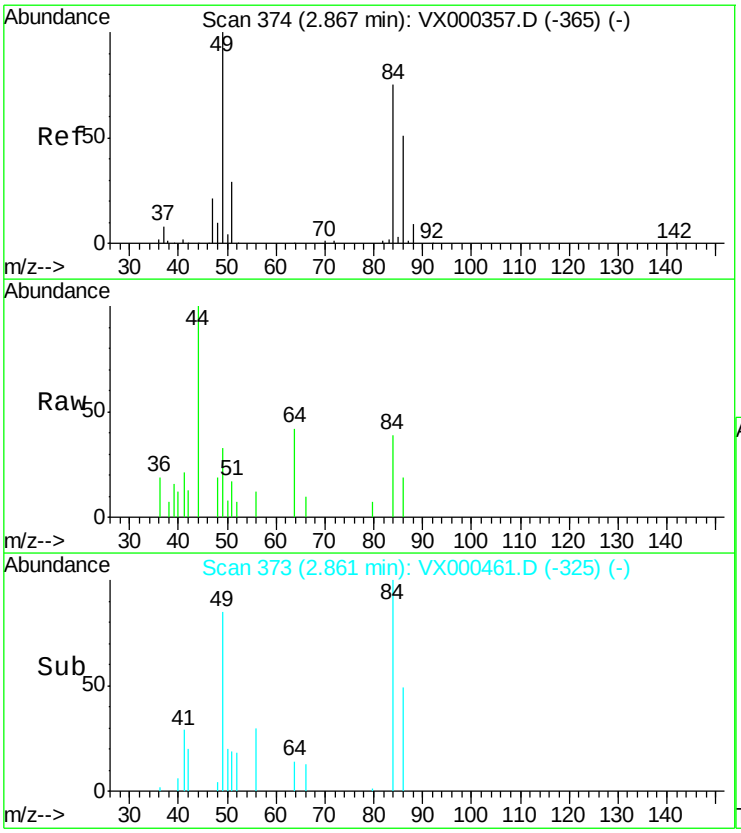
#17
Carbon Disulfide
Concen: 0.49 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB107676TB

Tgt Ion: 76 Resp: 1410

Ion	Ratio	Lower	Upper
76	100		
78	3.5	7.0	10.6#

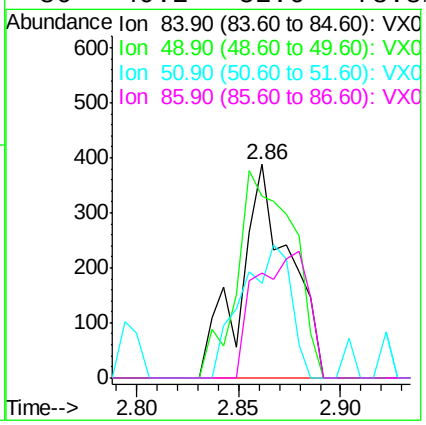


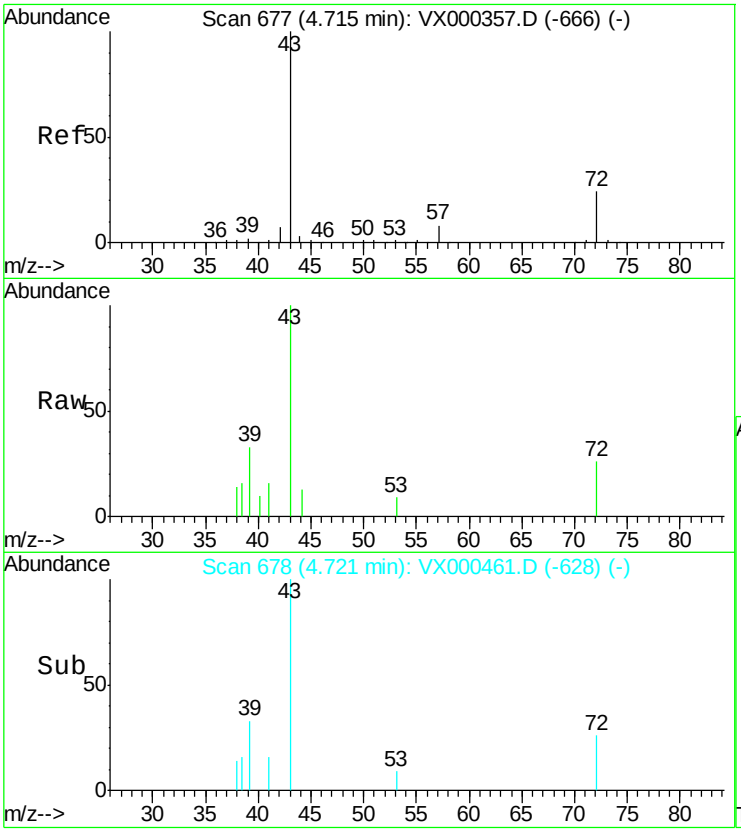


#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion: 84 Resp: 657

Ion	Ratio	Lower	Upper
84	100		
49	85.3	100.6	151.0#
51	44.3	31.6	47.4
86	49.2	52.6	78.8#



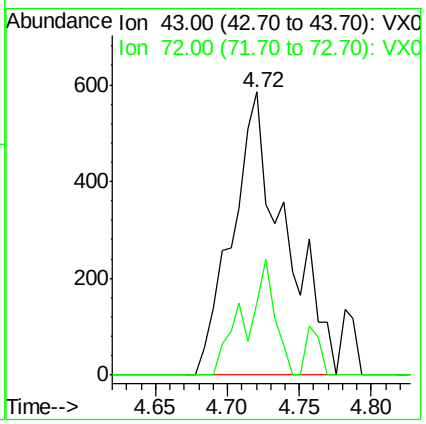


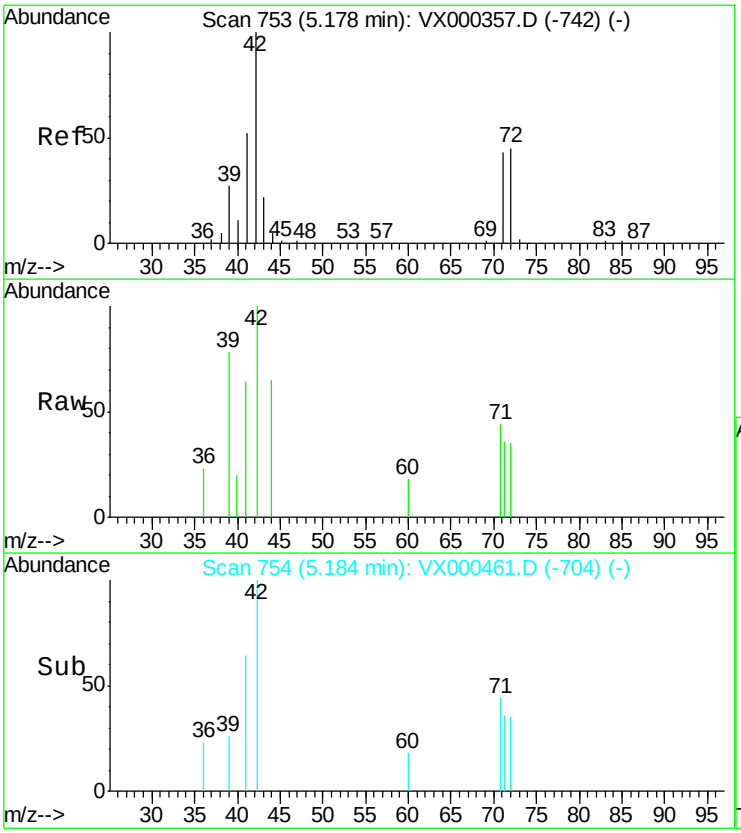
#25
2-Butanone
Concen: 1.19 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB107676TB

Tgt Ion: 43 Resp: 1484

Ion	Ratio	Lower	Upper
43	100		
72	25.6	21.0	31.6

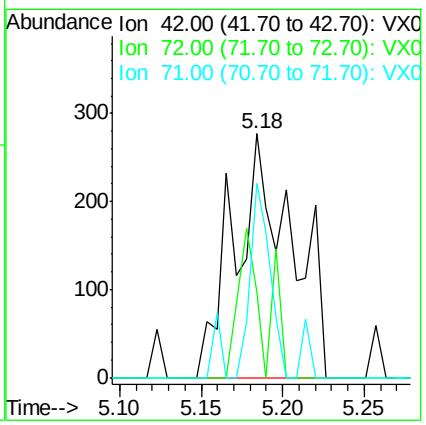


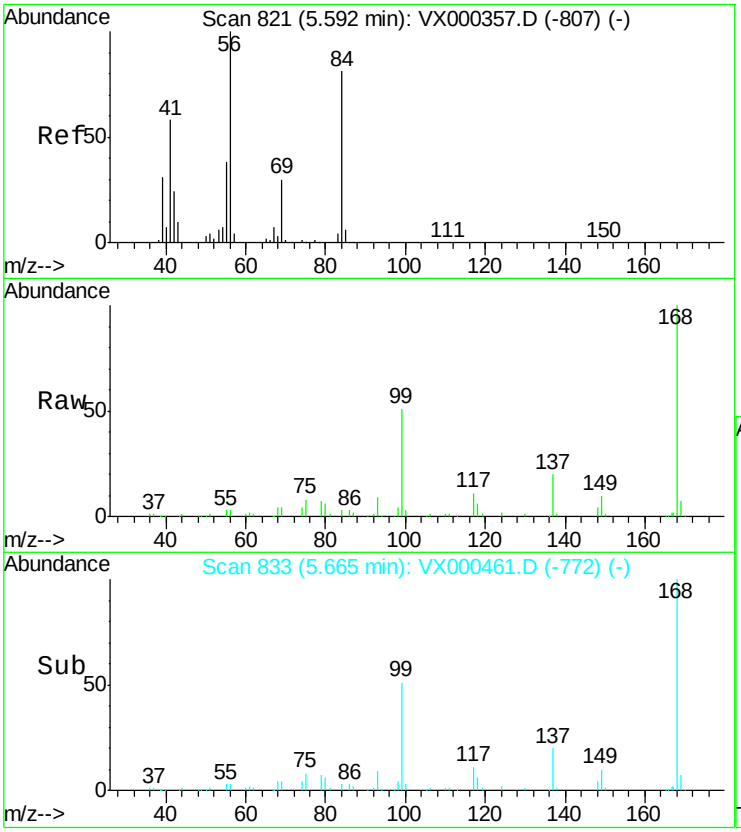


#29
Tetrahydrofuran
Concen: 0.88 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion: 42 Resp: 676

Ion	Ratio	Lower	Upper
42	100		
72	18.9	37.9	56.9#
71	28.0	34.4	51.6#



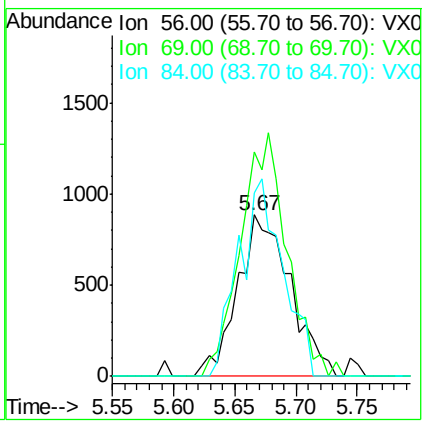


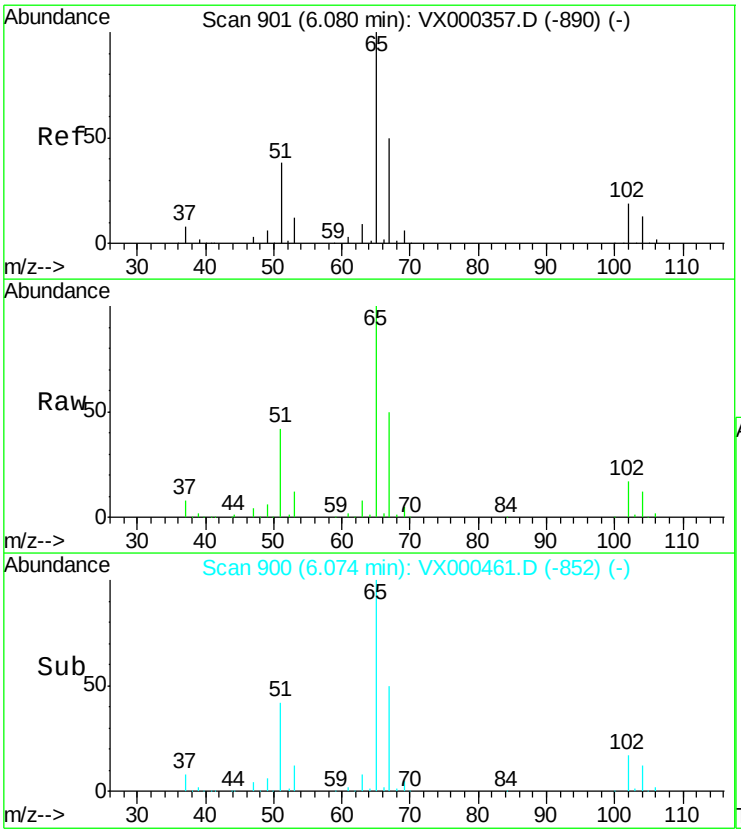
#31
Cyclohexane
Concen: 1.57 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB107676TB

Tgt Ion: 56 Resp: 2641

Ion	Ratio	Lower	Upper
56	100		
69	138.9	23.4	35.0#
84	113.3	71.0	106.4#

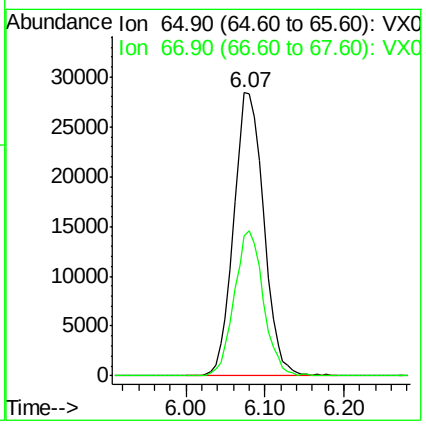


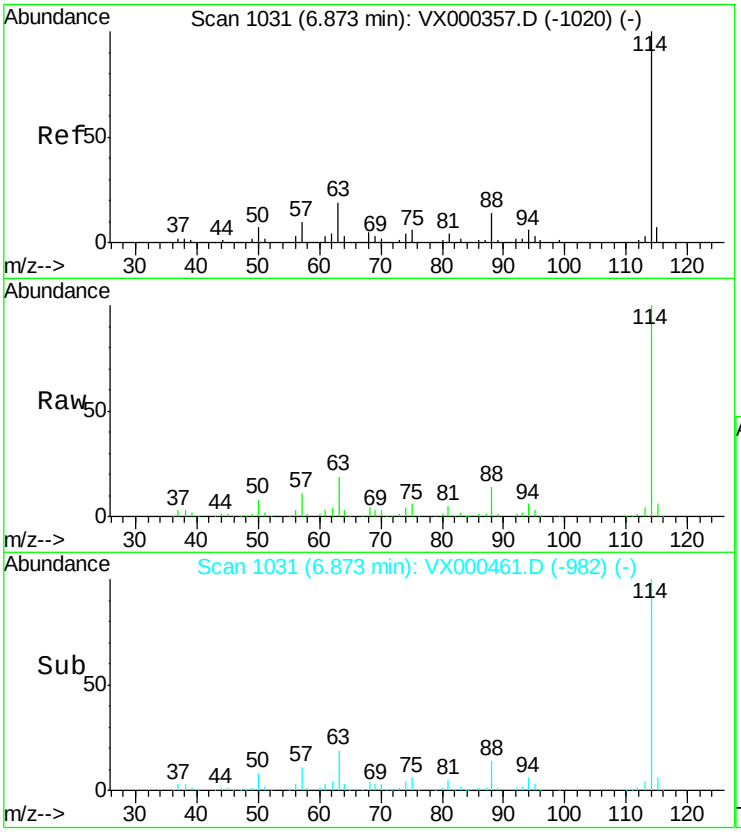


#33
1,2-Dichloroethane-d4
Concen: 56.79 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion: 65 Resp: 75559

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	103.2



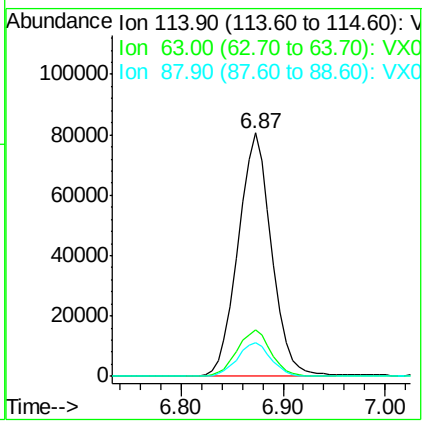


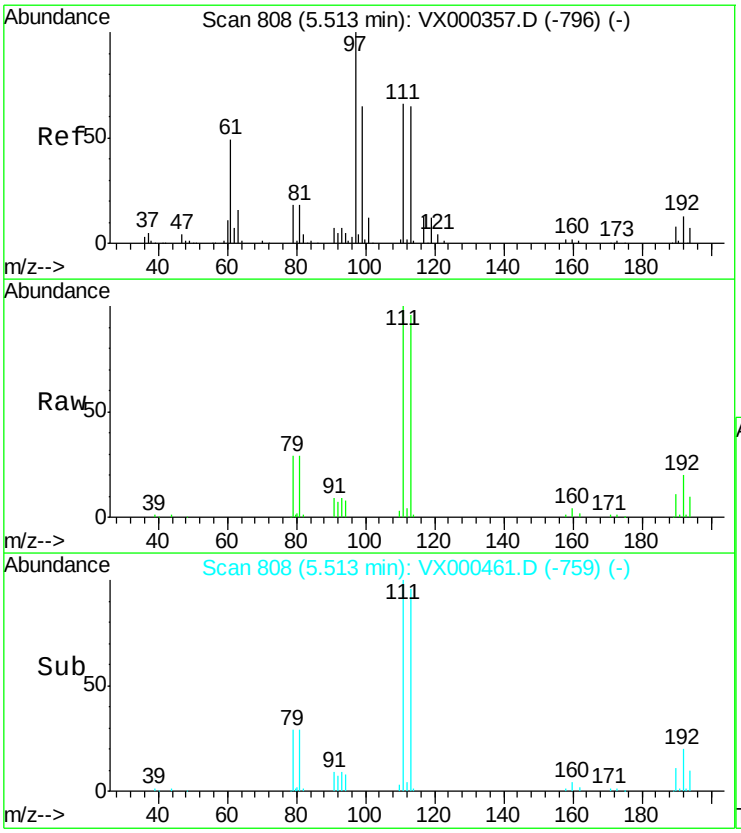
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB107676TB

Tgt Ion:114 Resp: 183816

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	13.8	0.0	27.0

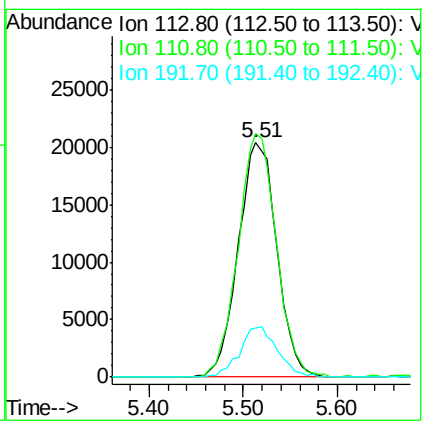


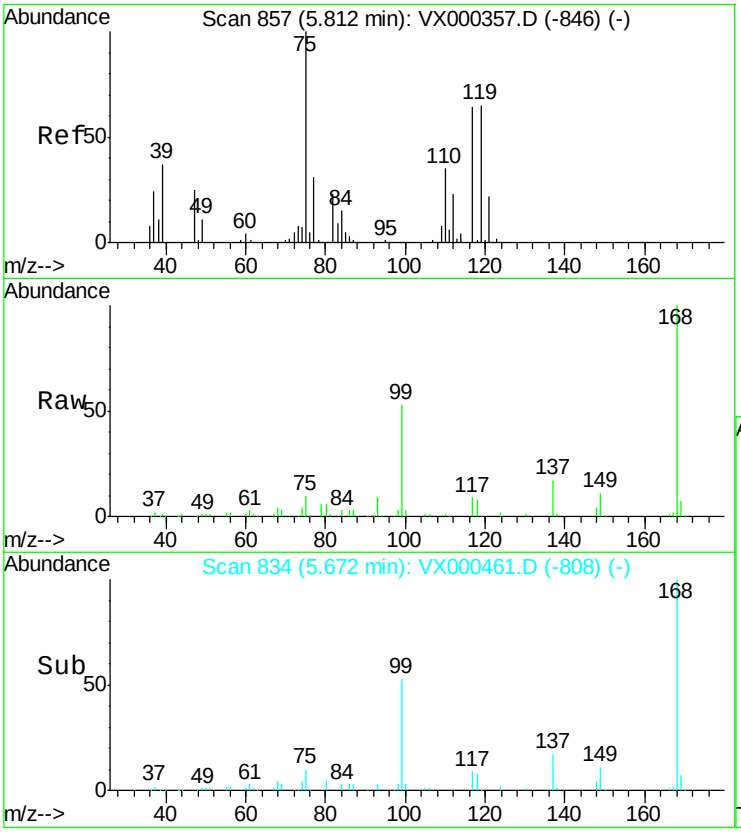


#35
Dibromofluoromethane
Concen: 50.66 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion:113 Resp: 58670

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	20.7	15.8	23.6



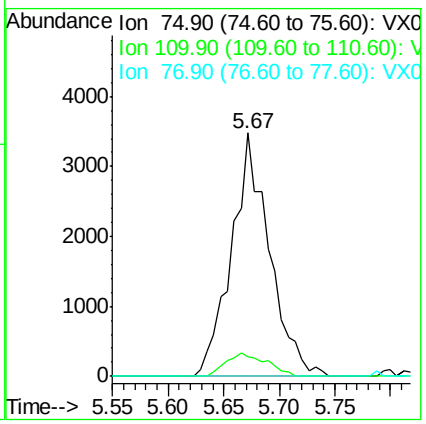


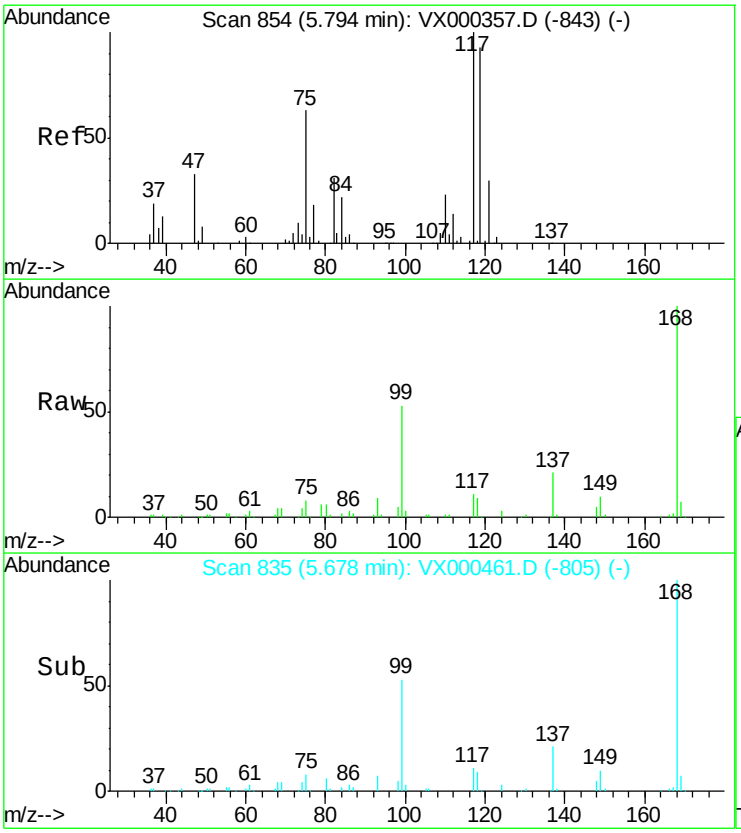
#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument : MSVOA_X
ClientSampleId : PB107676TB

Tgt Ion: 75 Resp: 8234

Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.9	53.7#
77	0.0	24.0	36.0#

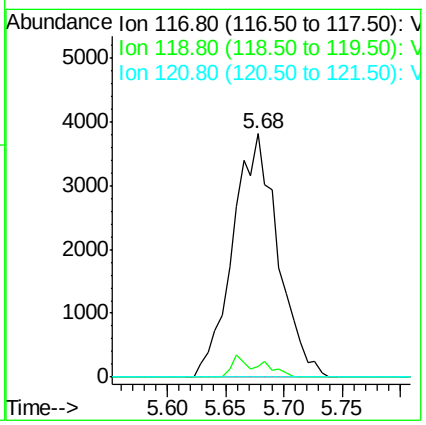


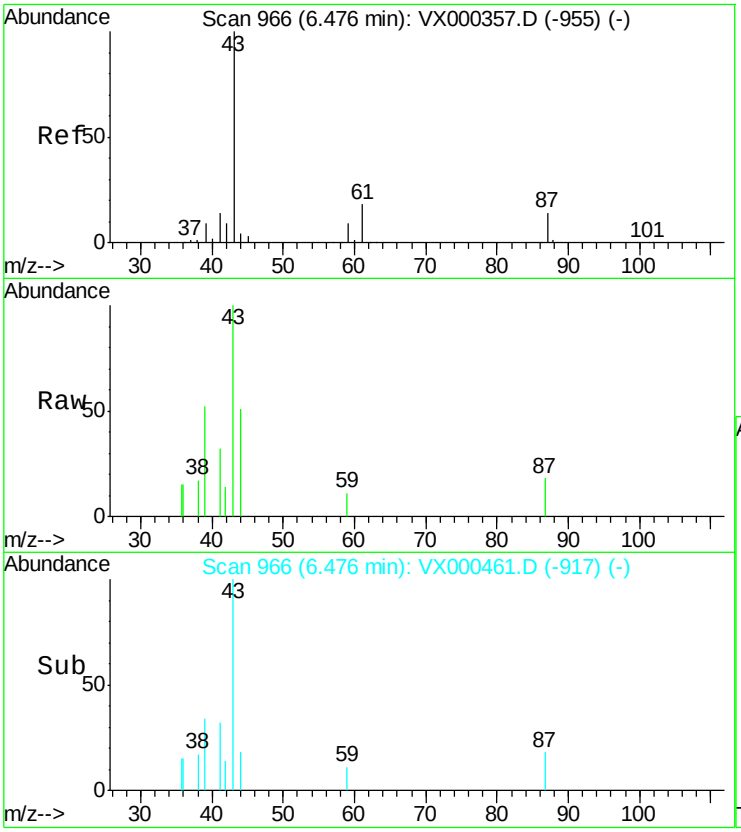


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion:117 Resp: 10236

Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.4	116.2#
121	0.0	24.8	37.2#



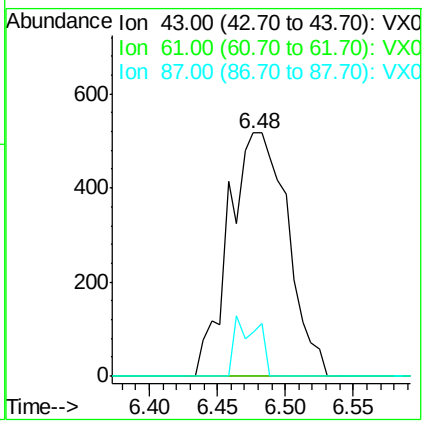


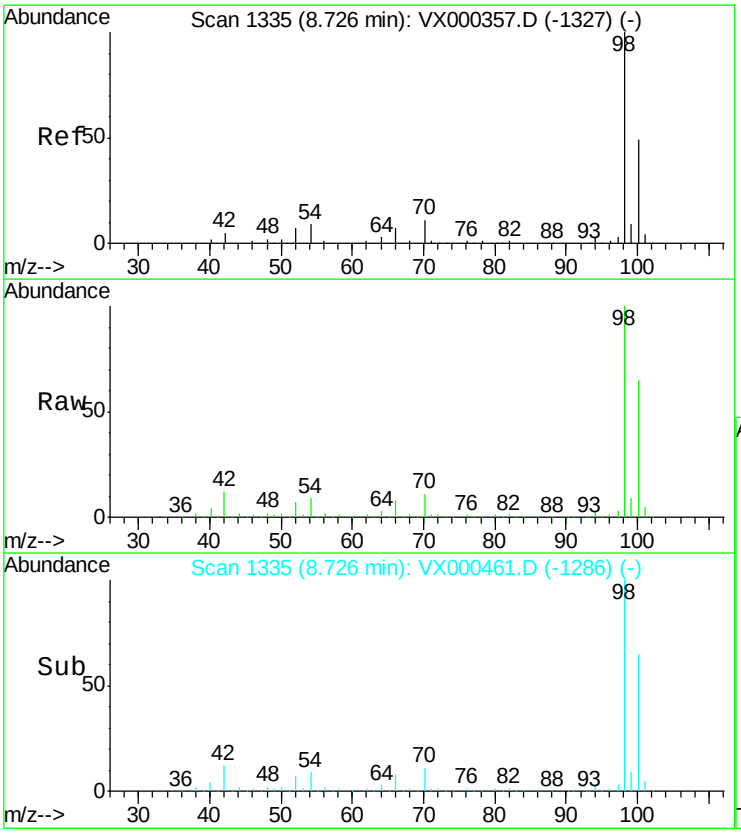
#43
Isopropyl Acetate
Concen: 0.45 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument : MSVOA_X
ClientSampleId : PB107676TB

Tgt Ion: 43 Resp: 1562

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6#
87	9.7	11.0	16.4#

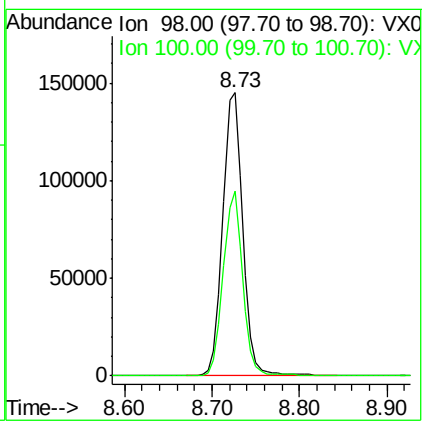


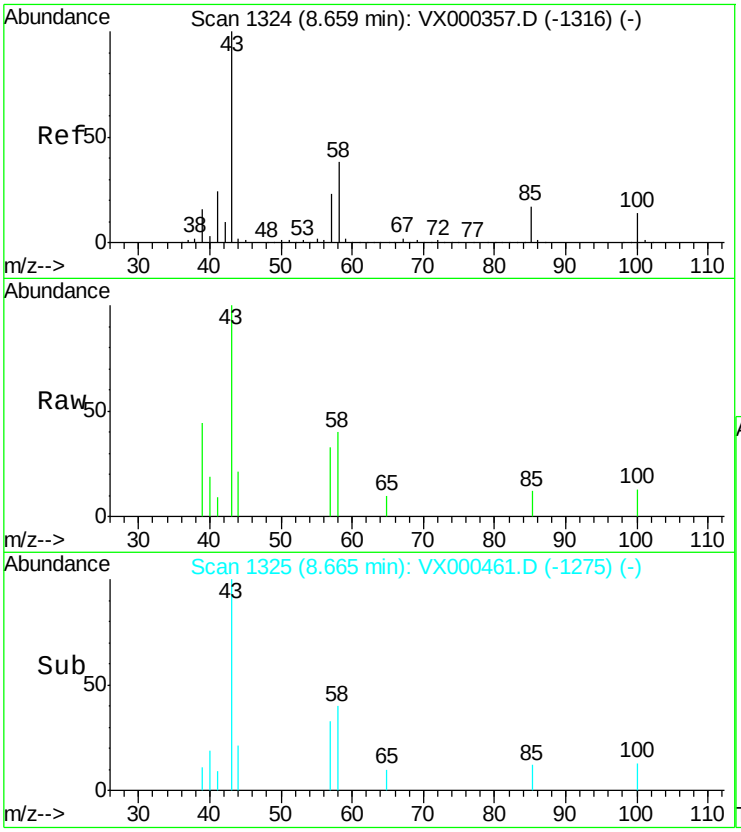


#50
Toluene-d8
Concen: 48.13 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion: 98 Resp: 230884

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8



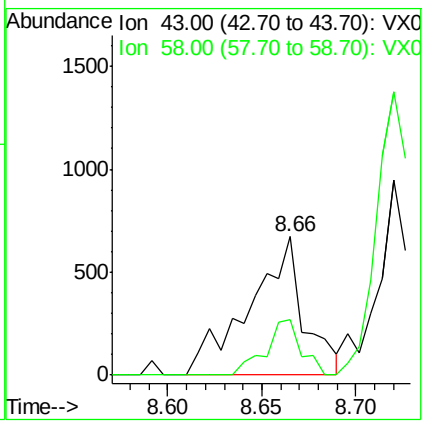


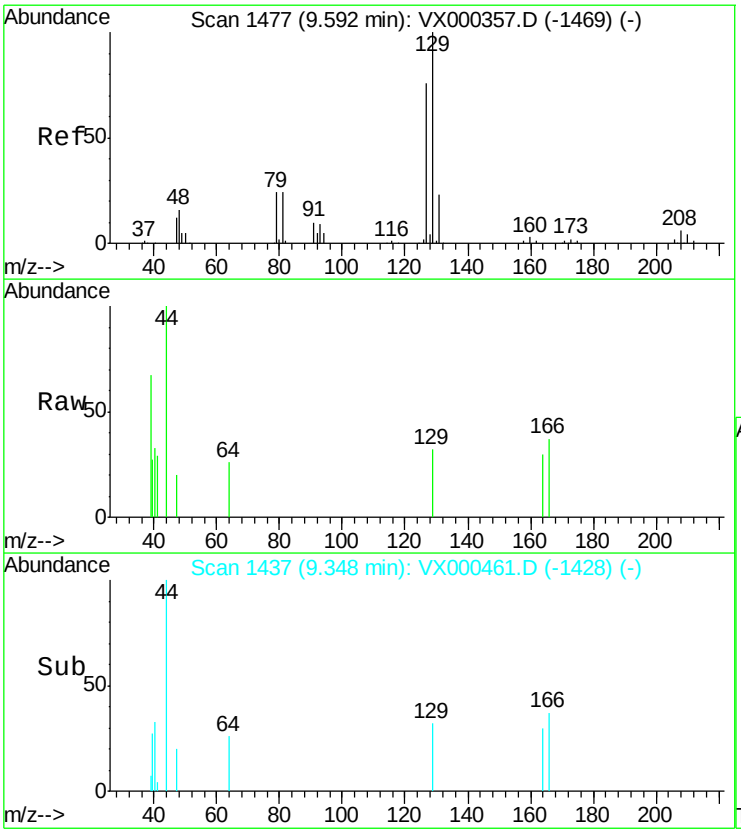
#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument : MSVOA_X
ClientSampleId : PB107676TB

Tgt Ion: 43 Resp: 1350

Ion	Ratio	Lower	Upper
43	100		
58	26.4	30.3	45.5#

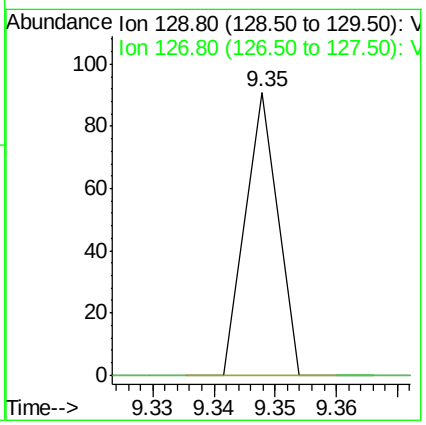


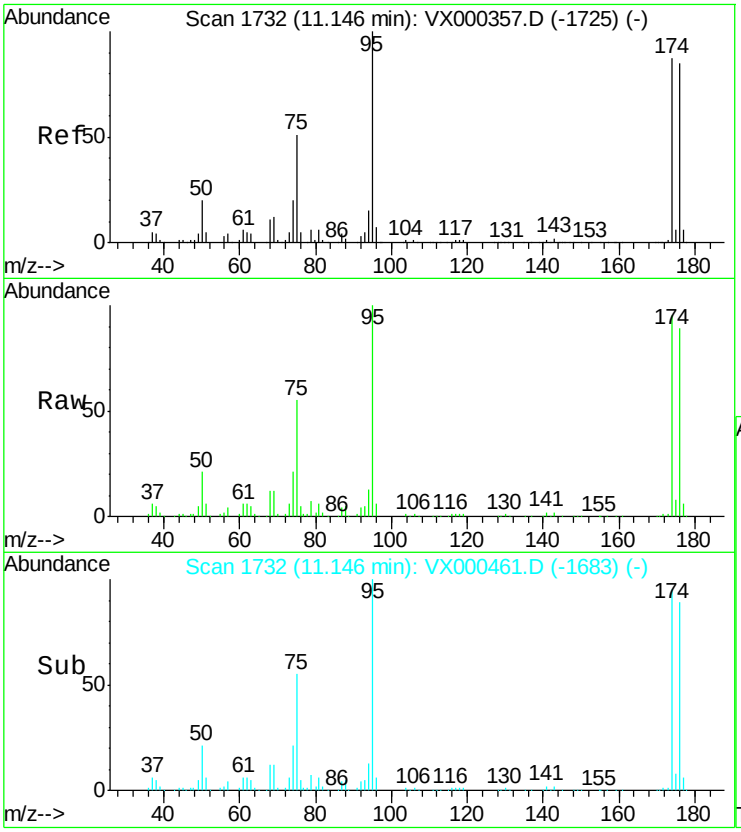


#60
Dibromochloromethane
Concen: 4.13 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion:129 Resp: 33

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.9	113.6#



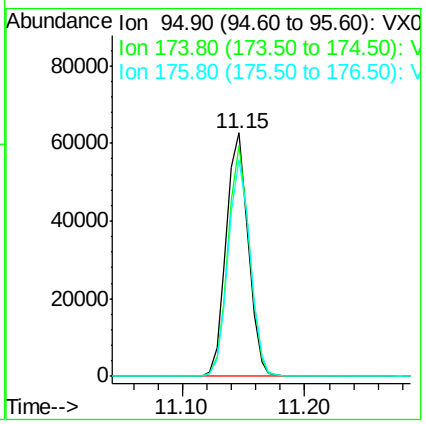


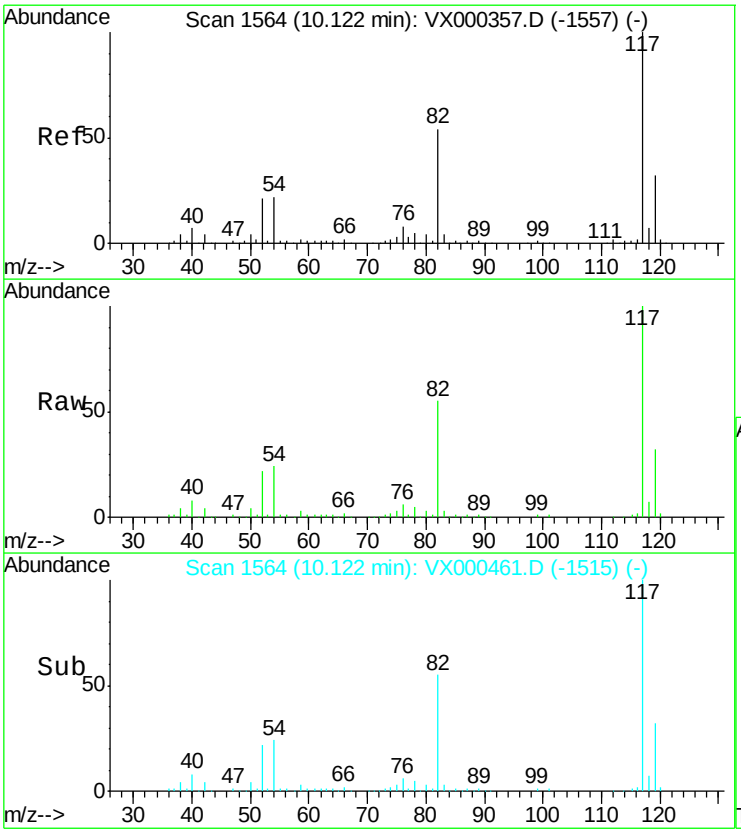
#62
4-Bromofluorobenzene
Concen: 39.94 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument : MSVOA_X
ClientSampleId : PB107676TB

Tgt Ion: 95 Resp: 78092

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	173.6
176	88.5	0.0	164.6

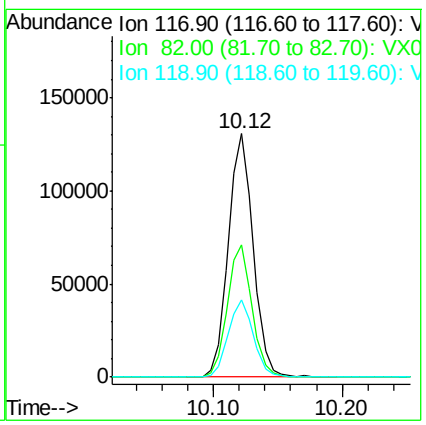


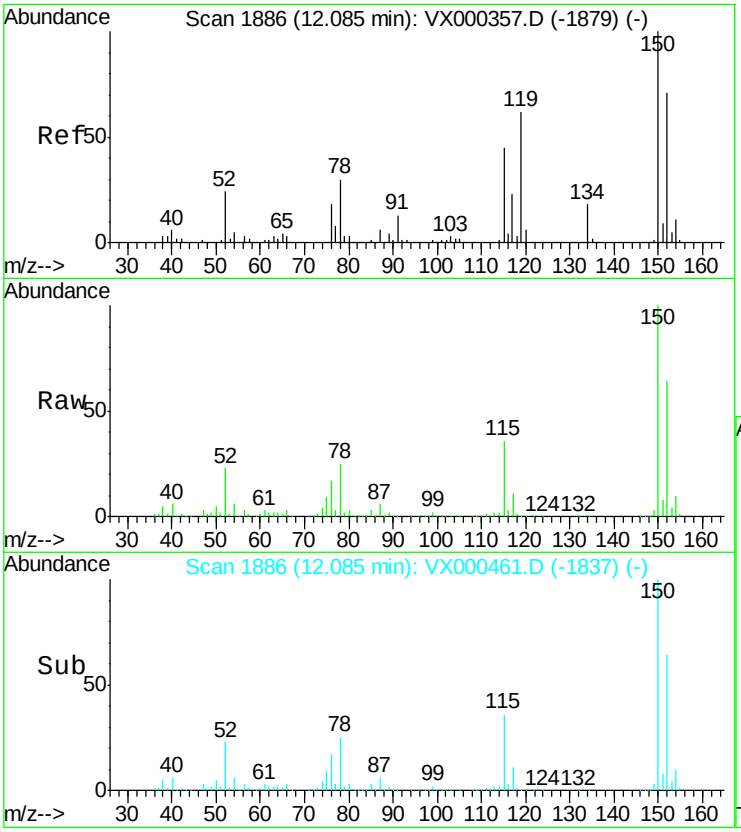


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion:117 Resp: 177491

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.8
119	31.5	24.9	37.3



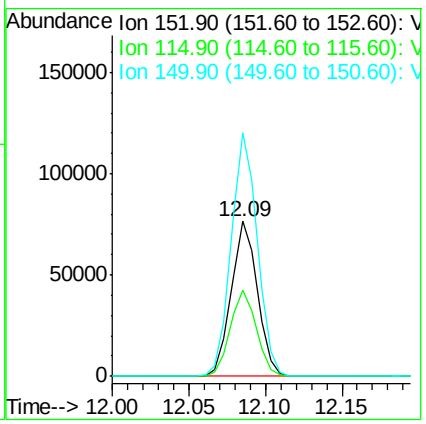


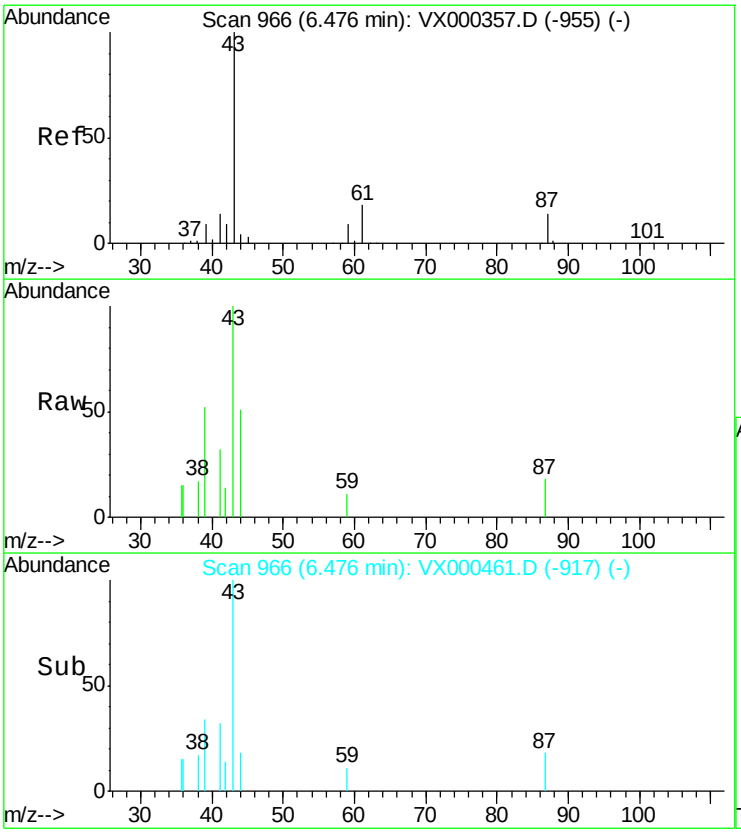
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument : MSVOA_X
ClientSampleId : PB107676TB

Tgt Ion:152 Resp: 90576

Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.8	119.3
150	156.9	0.0	344.4

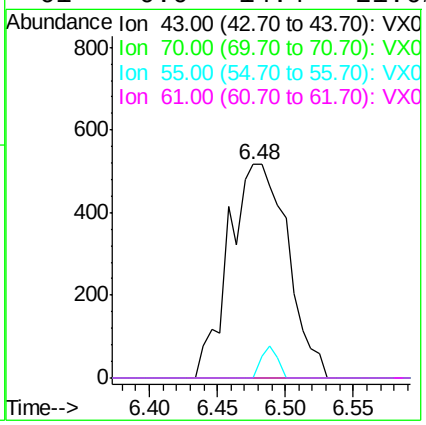


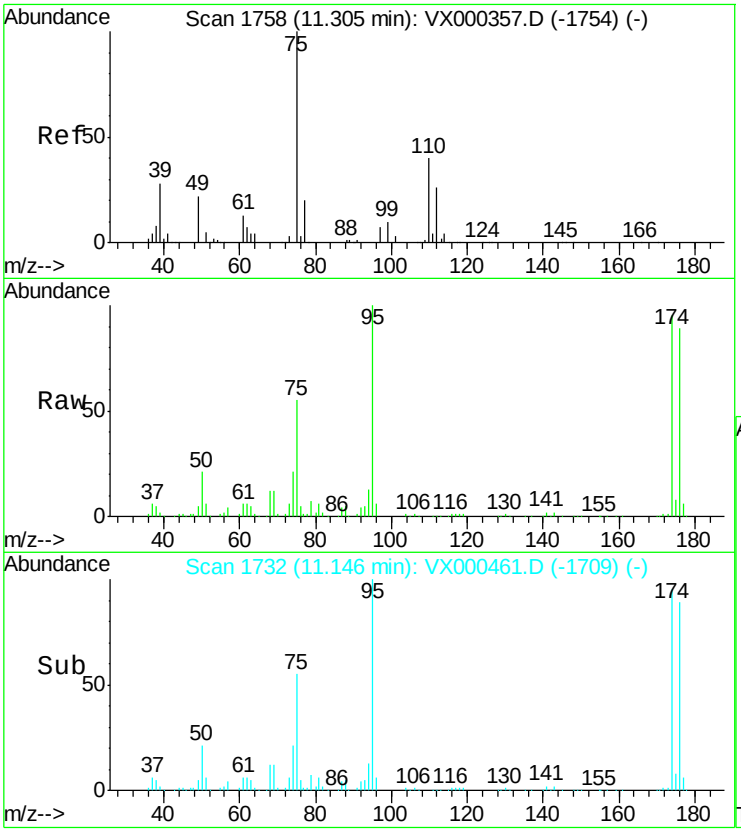


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion: 43 Resp: 1562

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	4.2	0.0	0.0#
61	0.0	14.4	21.6#



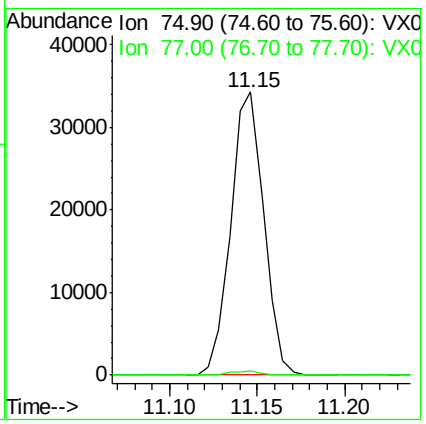


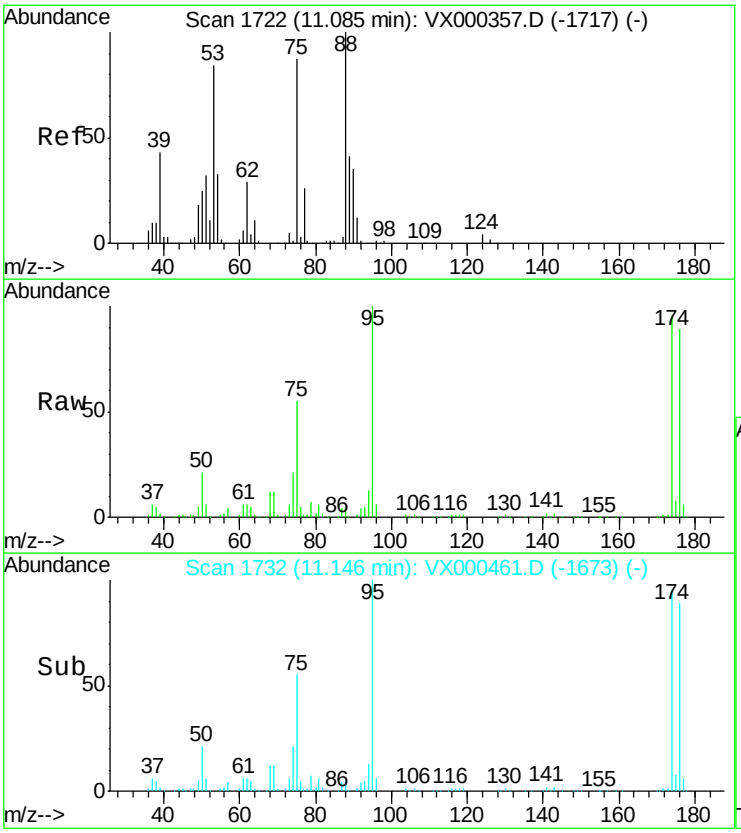
#76
1,2,3-Trichloropropane
Concen: 23.08 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB107676TB

Tgt Ion: 75 Resp: 44928

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.2#

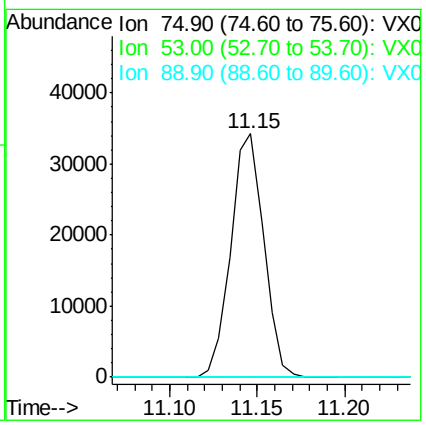


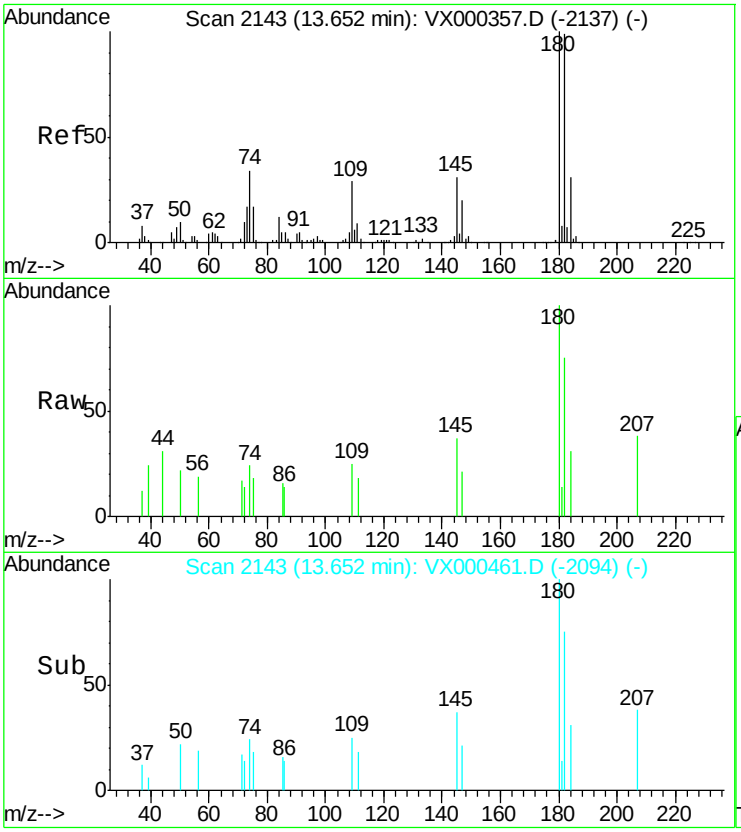


#81
trans-1,4-Dichloro-2-butene
Concen: 74.72 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Tgt Ion: 75 Resp: 44928

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.7	121.1#
89	0.1	39.4	59.0#





#93
1,2,4-Trichlorobenzene
Concen: 0.29 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX000461.D
Acq: 27 Mar 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB107676TB

Tgt Ion:180 Resp: 625

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.6	142.9
145	27.8	15.1	45.3