Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
Data File : VX000570.D
Acq On : 30 Mar 2018 19:39
Operator : JC/MD
Sample : J2131-03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 4538-9

Quant Time: Mar 31 05:02:54 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	5.68	168	148142	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	263604	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	266060	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	142210	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	104922	54.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.52%				
35) Dibromofluoromethane	5.52	113	81608	49.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.26%				
50) Toluene-d8	8.73	98	332279	48.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.60%				
62) 4-Bromofluorobenzene	11.15	95	124727	43.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.56%				
Target Compounds							Qvalue
6) Chloroethane	1.76	64	584	Below Cal		#	45
10) Methyl Iodide	2.51	142	268	4.41	ug/l	#	58
11) Tert butyl alcohol	3.08	59	1933	2.91	ug/l	#	56
13) Acrolein	2.29	56	253	15.70	ug/l	#	8
14) Allyl chloride	2.74	41	180	Below Cal		#	22
16) Acetone	2.45	43	16649	10.35	ug/l		93
20) Methylene Chloride	2.87	84	3137	1.69	ug/l	#	91
25) 2-Butanone	4.72	43	1956	1.08	ug/l		100
29) Tetrahydrofuran	5.20	42	452	0.41	ug/l	#	42
31) Cyclohexane	5.67	56	3643	1.49	ug/l	#	2
36) 1,1-Dichloropropene	5.67	75	12391	5.02	ug/l	#	49
38) Carbon Tetrachloride	5.68	117	14941	5.77	ug/l	#	15
51) 4-Methyl-2-Pentanone	8.67	43	876	0.23	ug/l		96
67) Ethyl Benzene	10.26	91	2092	0.21	ug/l		100
68) m/p-Xylenes	10.37	106	2814	0.71	ug/l		83
69) o-Xylene	10.71	106	1000	0.26	ug/l		93
74) N-amyl acetate	6.48	43	885	Below Cal		#	59
76) 1,2,3-Trichloropropane	11.15	75	68294	22.35	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.51	105	1985	0.25	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.15	75	68294	72.35	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.82	105	7495	0.90	ug/l		97
95) Naphthalene	13.84	128	14334	1.23	ug/l		100

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

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Misc : 5.0mL/MSVOA_X/WATER
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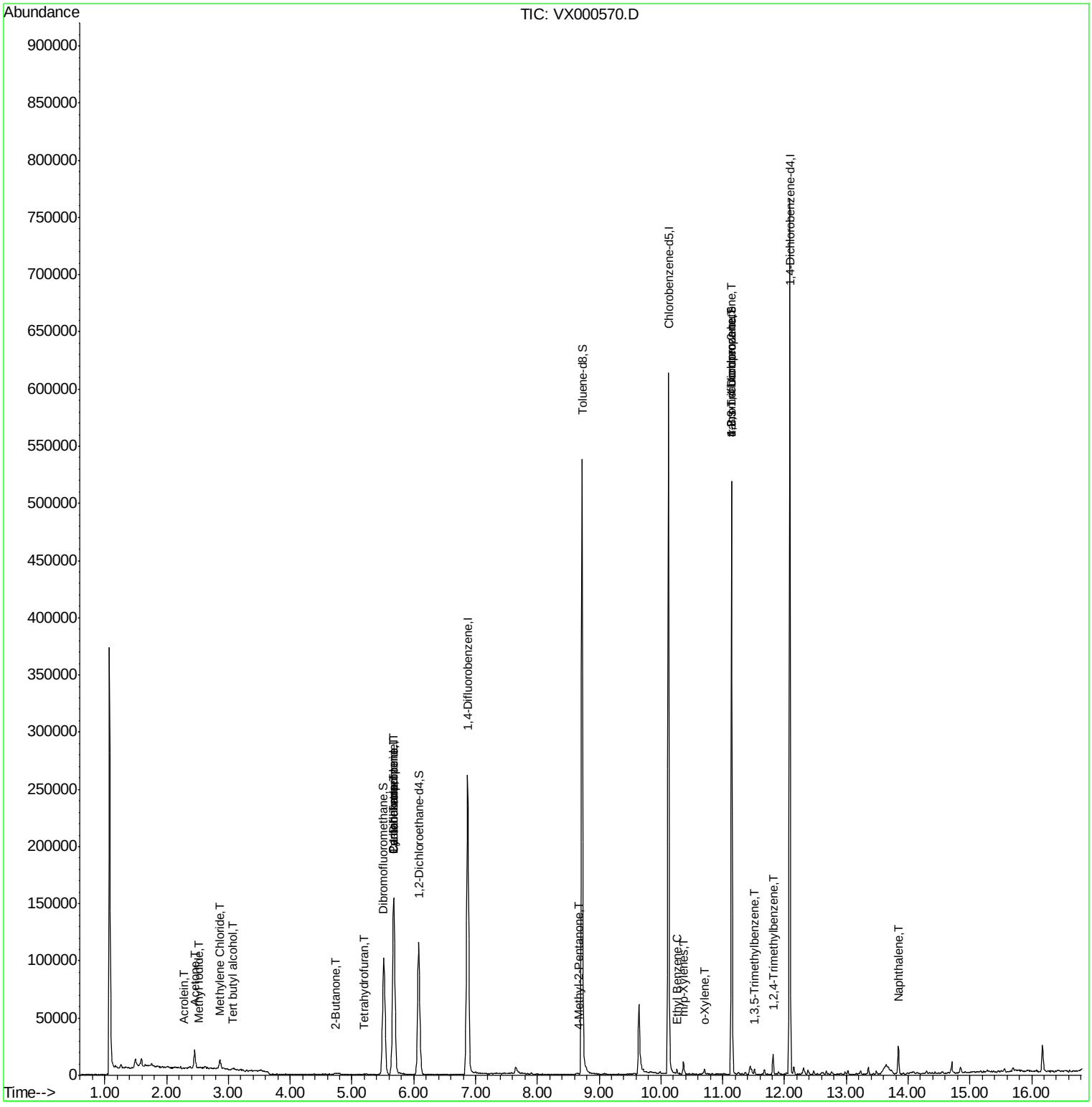
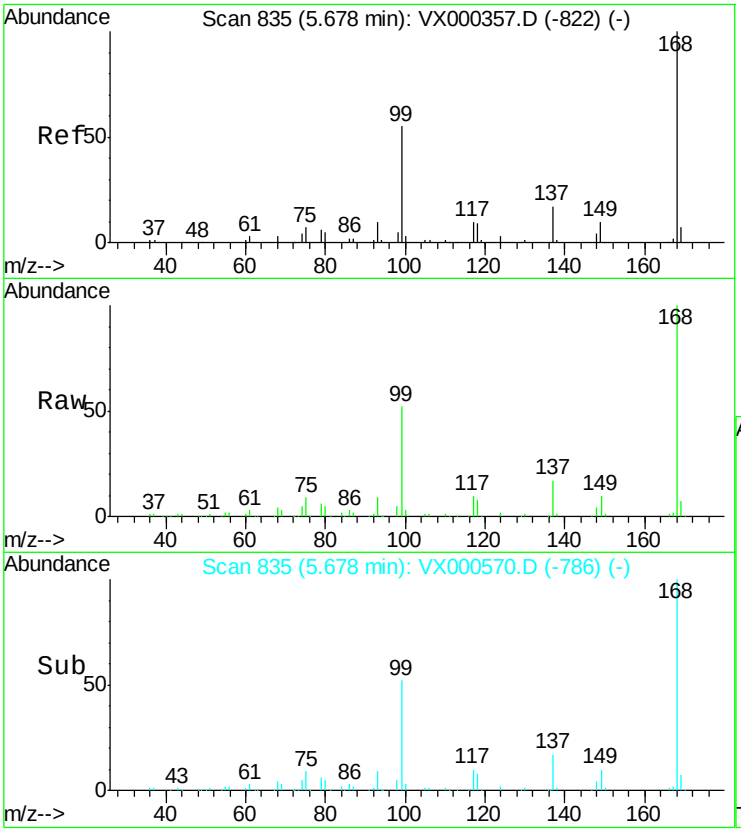
Instrument :
MSVOA_X
ClientSampleId :
4538-9

Quant Time: Mar 31 05:02:54 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



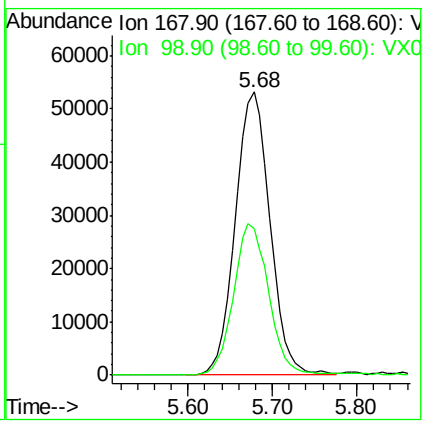


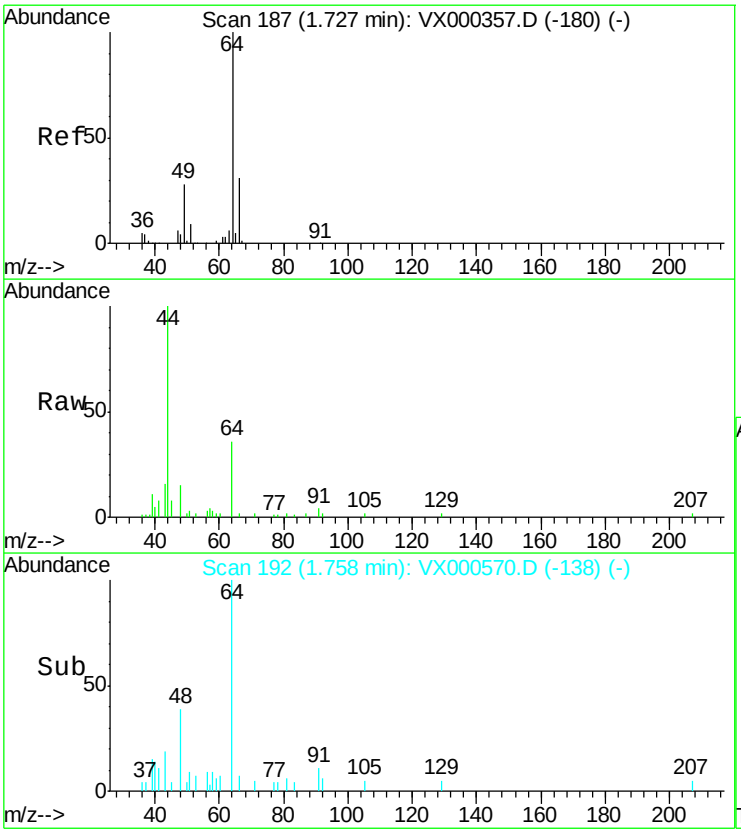
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion:168 Resp: 148142

Ion	Ratio	Lower	Upper
168	100		
99	51.7	45.8	68.6

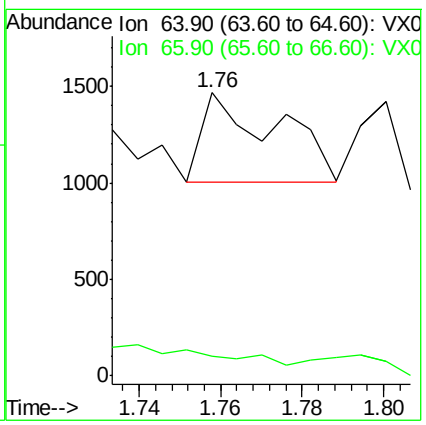


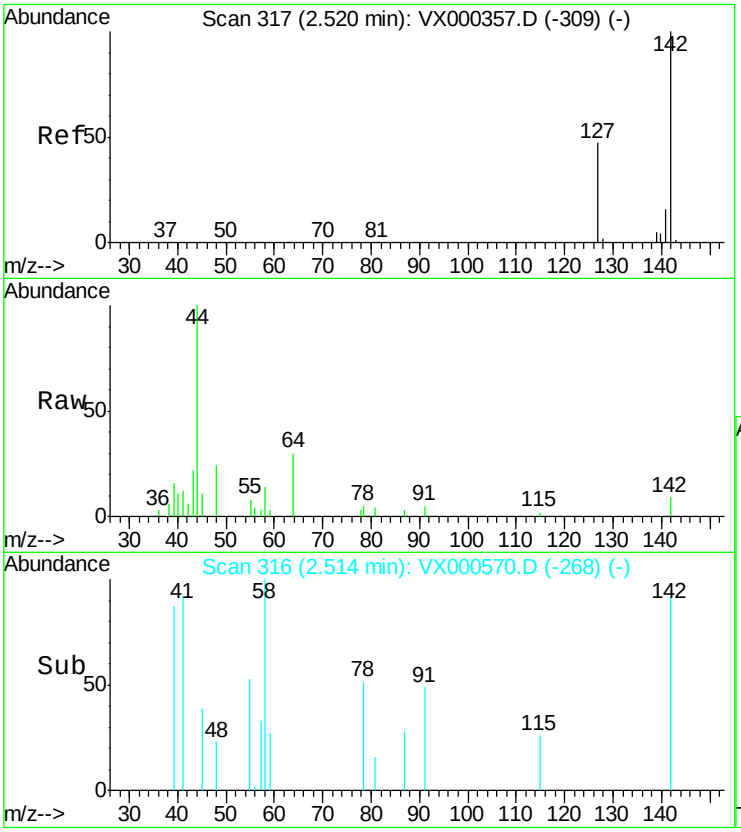


#6
Chloroethane
Concen: Below Cal
RT: 1.76 min Scan# 192
Delta R.T. 0.03 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 64 Resp: 584

Ion	Ratio	Lower	Upper
64	100		
66	0.9	24.8	37.2#



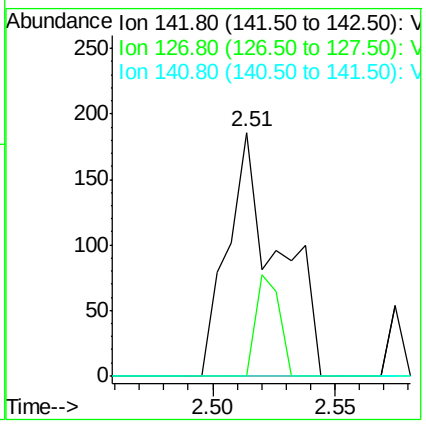


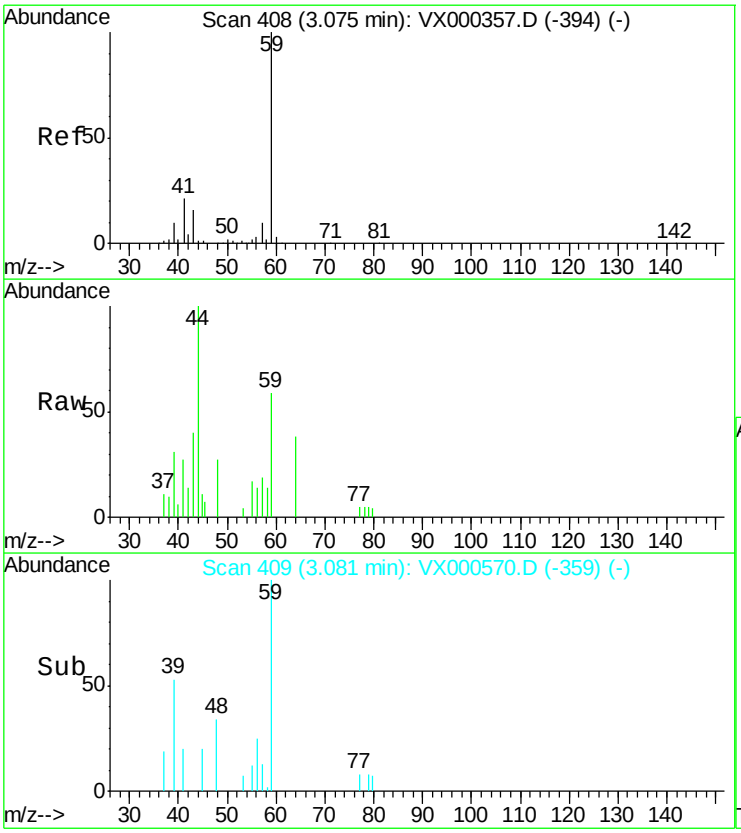
#10
Methyl Iodide
Concen: 4.41 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument : MSVOA_X
ClientSampleId : 4538-9

Tgt Ion:142 Resp: 268

Ion	Ratio	Lower	Upper
142	100		
127	19.4	39.2	58.8#
141	0.0	11.7	17.5#

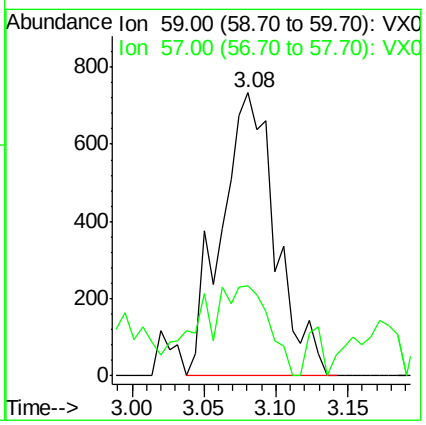


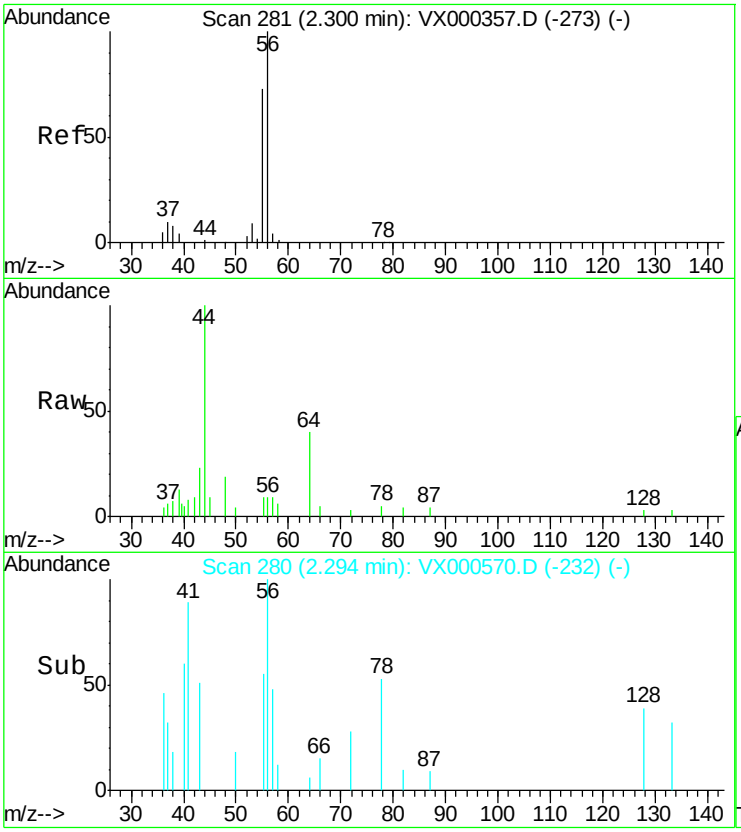


#11
Tert butyl alcohol
Concen: 2.91 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 59 Resp: 1933

Ion	Ratio	Lower	Upper
59	100		
57	26.9	8.4	12.6#



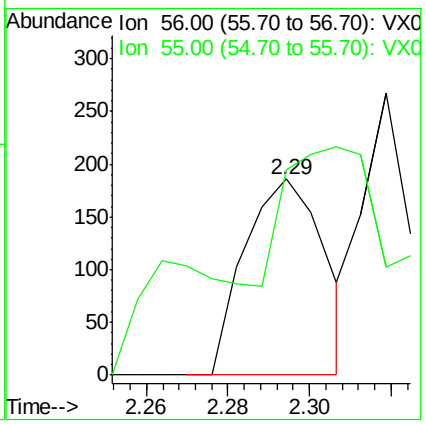


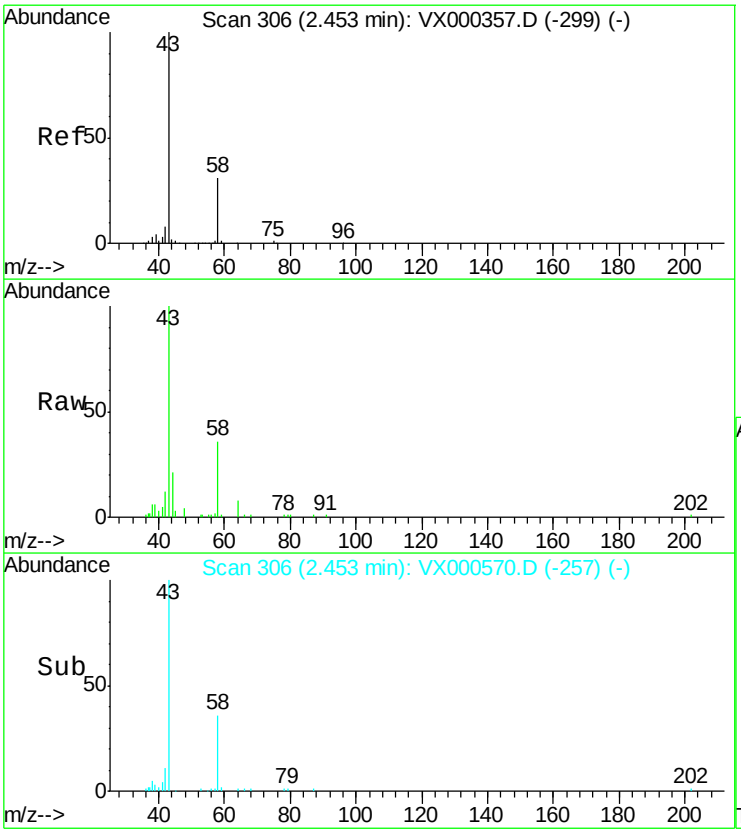
#13
Acrolein
Concen: 15.70 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion: 56 Resp: 253

Ion	Ratio	Lower	Upper
56	100		
55	151.4	58.8	88.2#

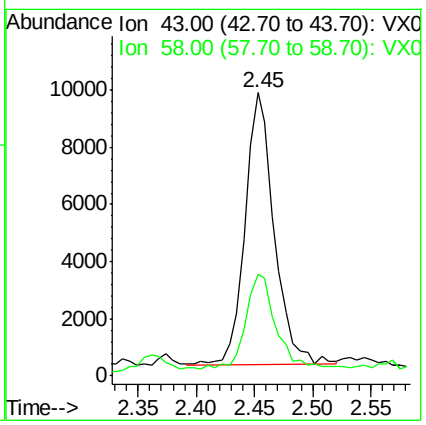


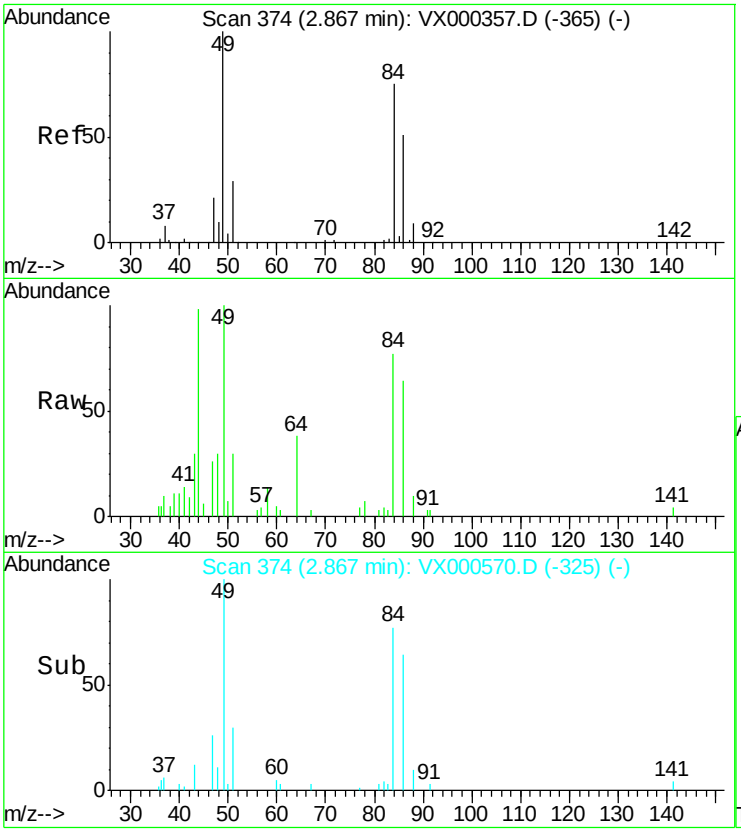


#16
Acetone
Concen: 10.35 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 43 Resp: 16649

Ion	Ratio	Lower	Upper
43	100		
58	34.6	24.7	37.1



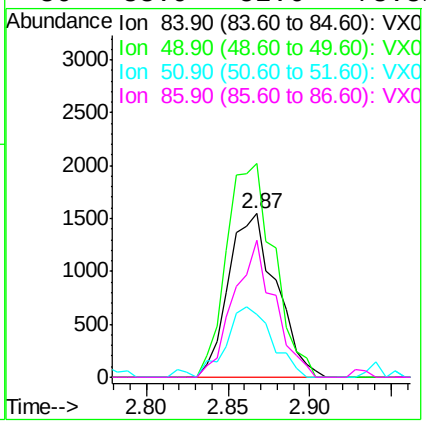


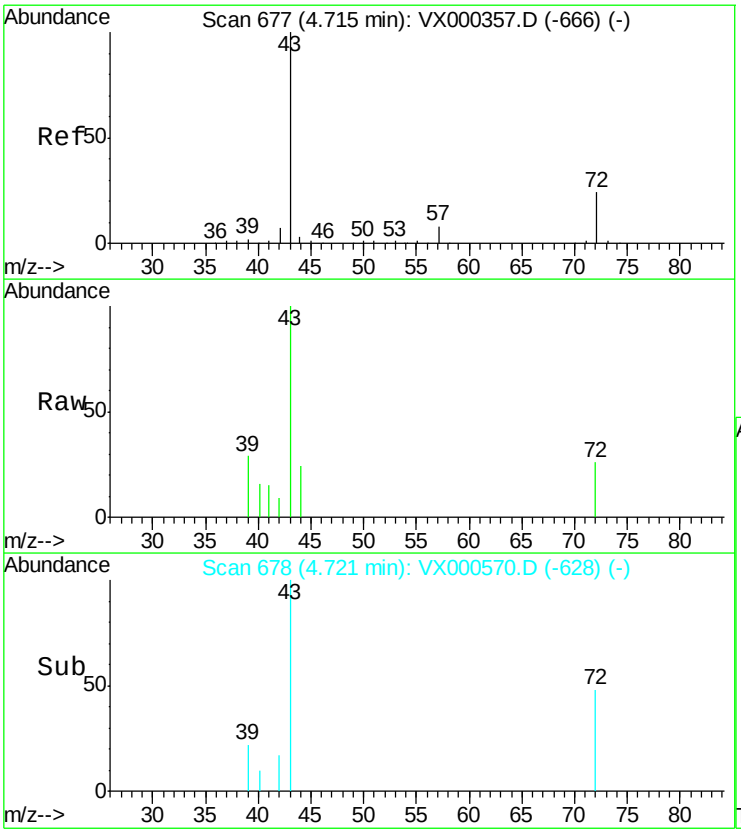
#20
Methylene Chloride
Concen: 1.69 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion: 84 Resp: 3137

Ion	Ratio	Lower	Upper
84	100		
49	130.7	100.6	151.0
51	38.6	31.6	47.4
86	83.9	52.6	78.8#

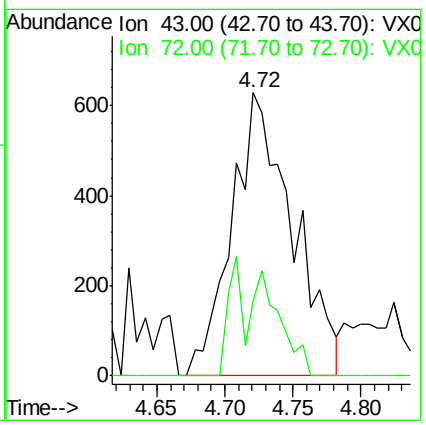


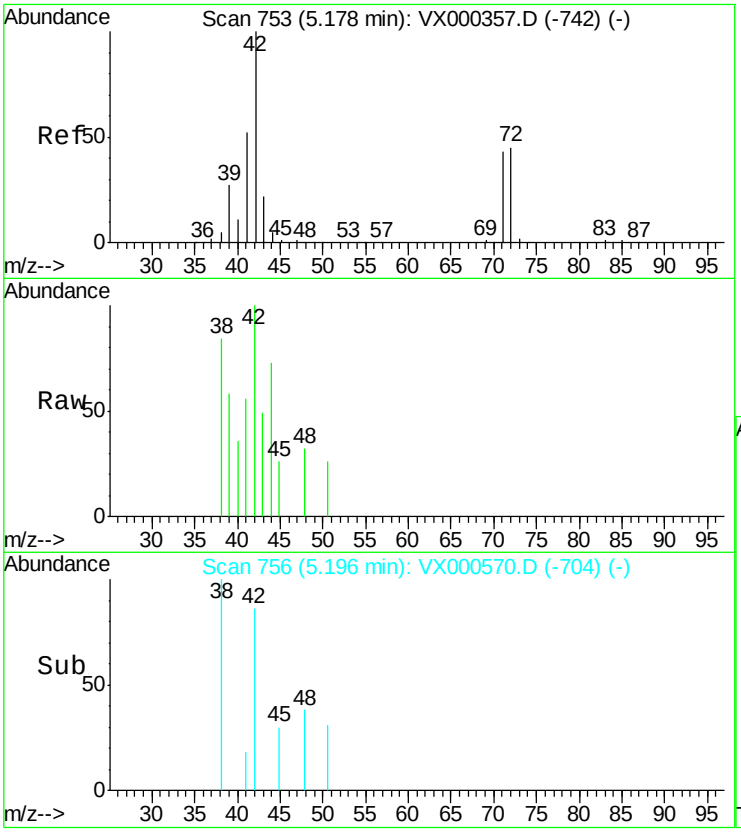


#25
2-Butanone
Concen: 1.08 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 43 Resp: 1956

Ion	Ratio	Lower	Upper
43	100		
72	26.4	21.0	31.6



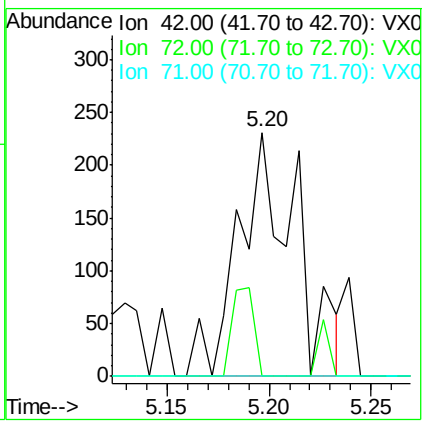


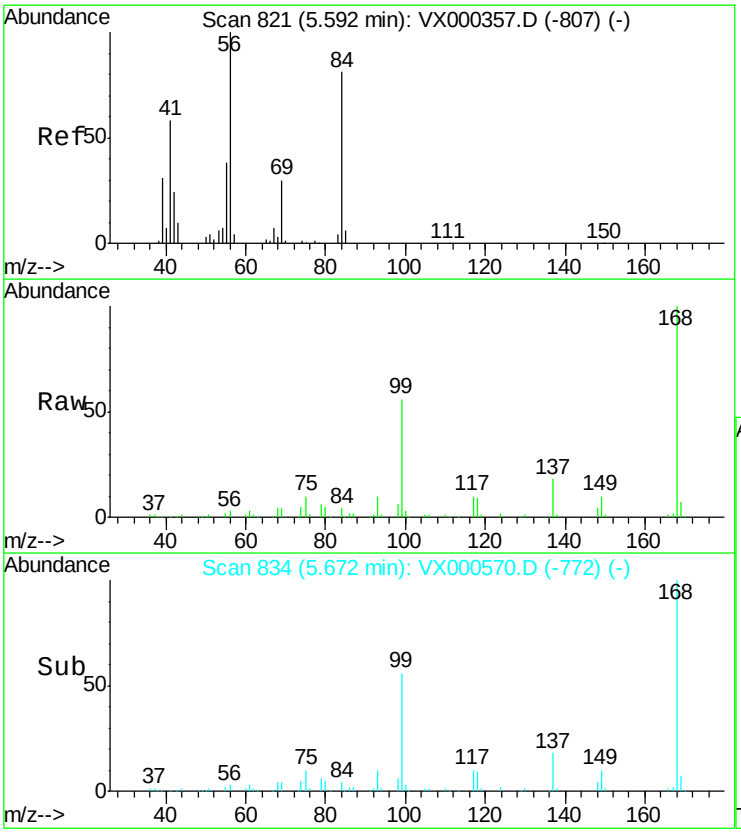
#29
Tetrahydrofuran
Concen: 0.41 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument : MSVOA_X
ClientSampleId : 4538-9

Tgt Ion: 42 Resp: 452

Ion	Ratio	Lower	Upper
42	100		
72	13.5	37.9	56.9#
71	0.0	34.4	51.6#

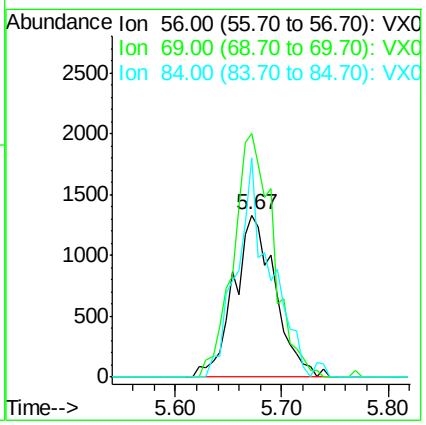


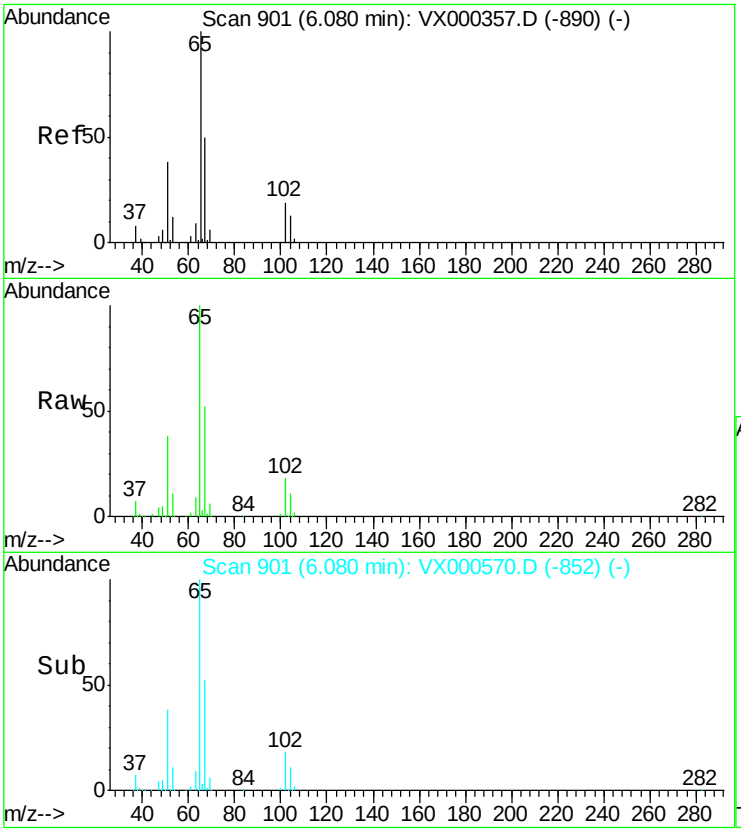


#31
Cyclohexane
Concen: 1.49 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.08 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 56 Resp: 3643

Ion	Ratio	Lower	Upper
56	100		
69	150.3	23.4	35.0#
84	140.9	71.0	106.4#



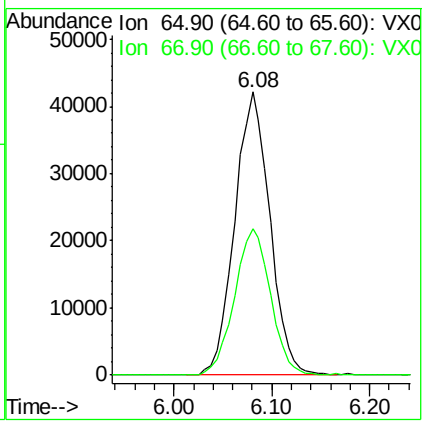


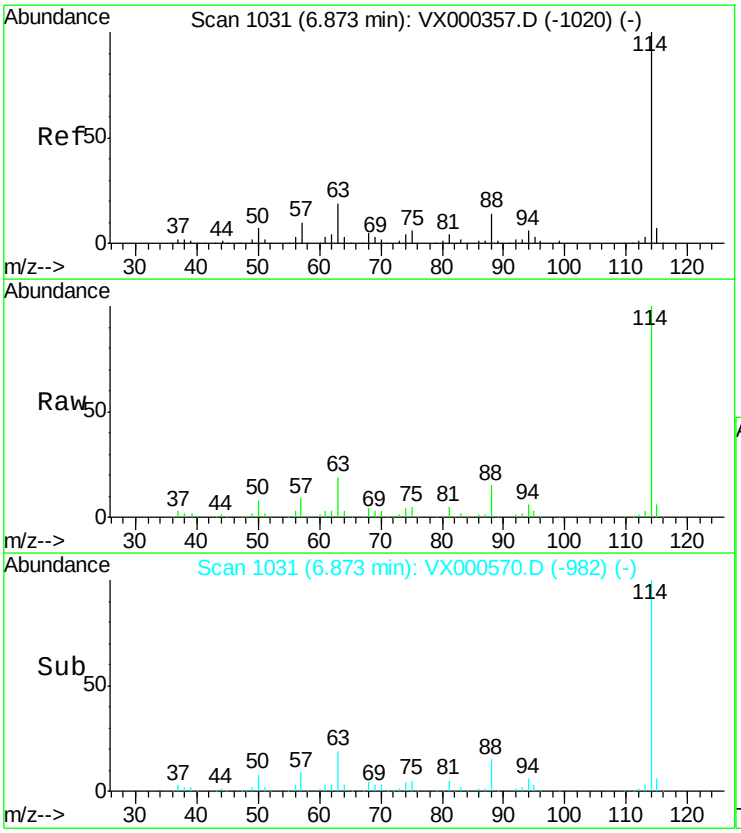
#33
1,2-Dichloroethane-d4
Concen: 54.26 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion: 65 Resp: 104922

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.2

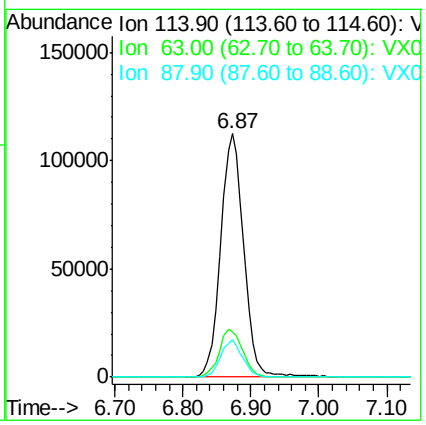


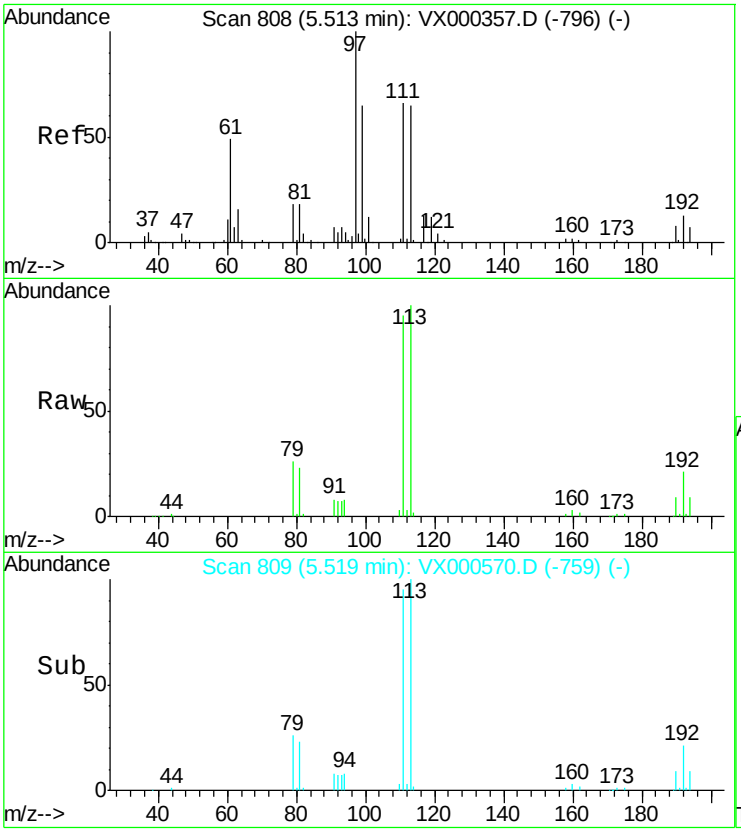


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion:114 Resp: 263604

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	15.3	0.0	27.0



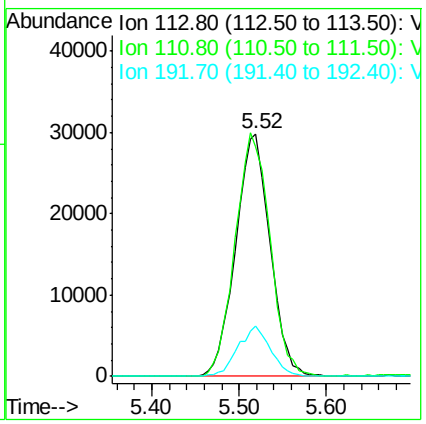


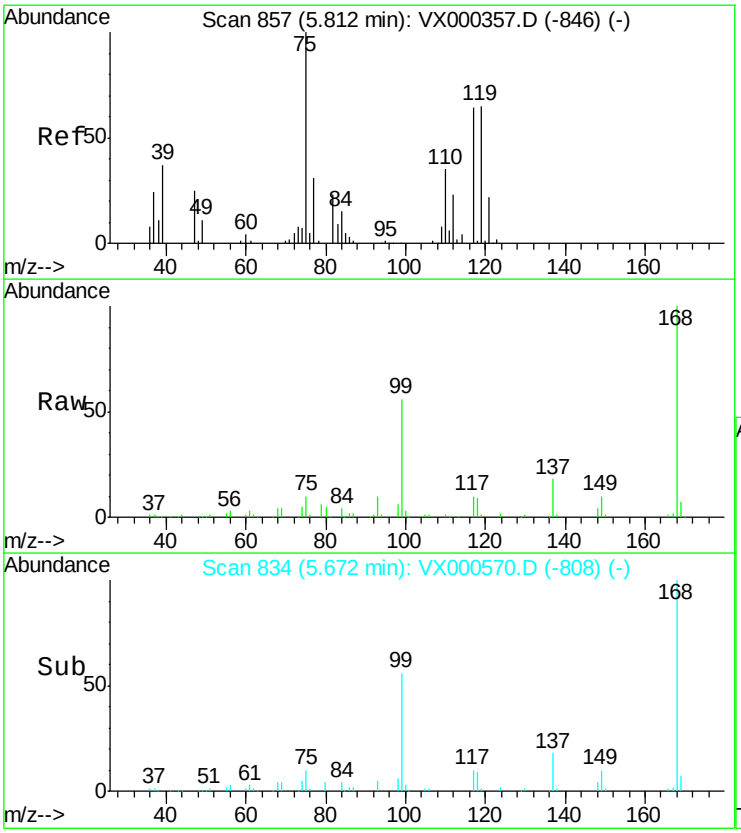
#35
Dibromofluoromethane
Concen: 49.13 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion:113 Resp: 81608

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	19.7	15.8	23.6

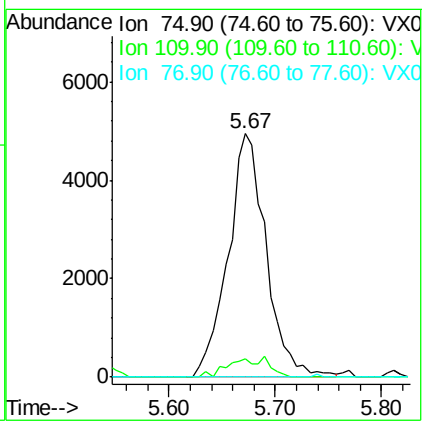


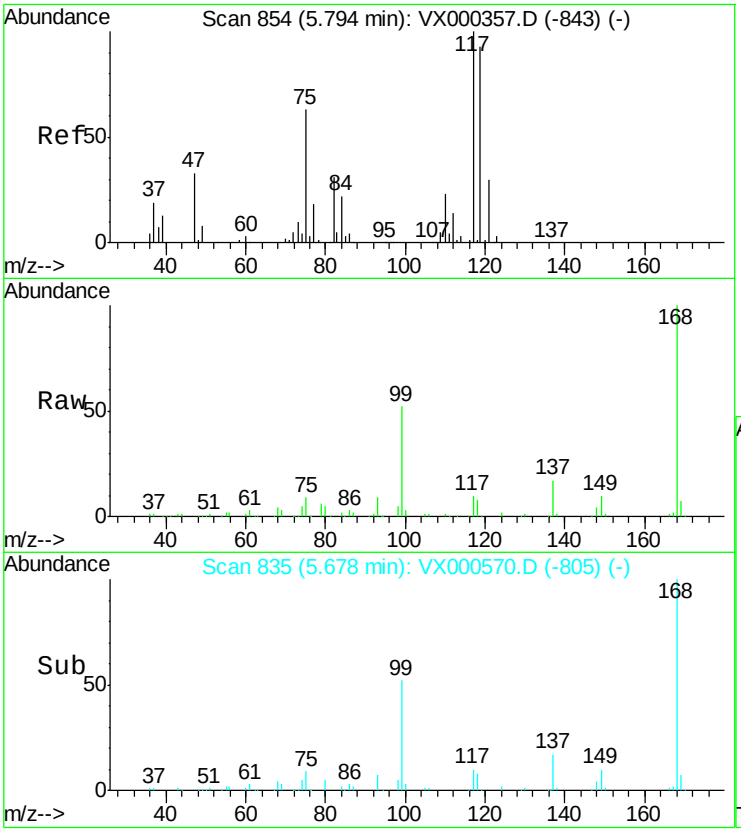


#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 75 Resp: 12391

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.9	53.7#
77	0.0	24.0	36.0#



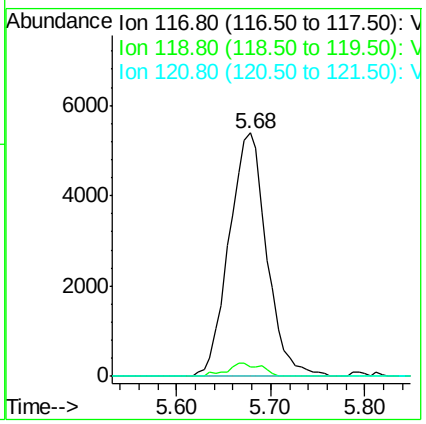


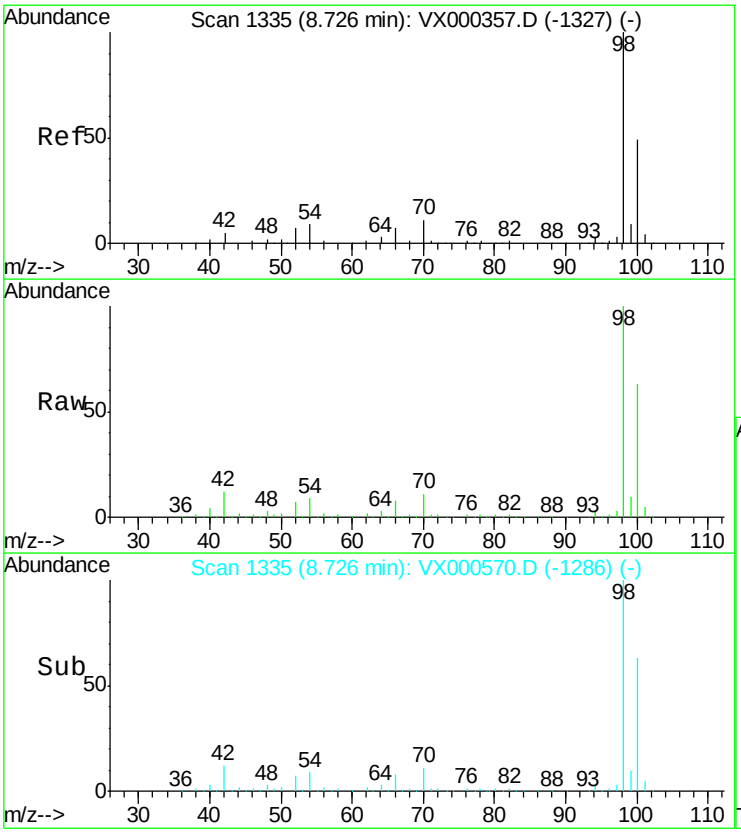
#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion:117 Resp: 14941

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.4	116.2#
121	0.0	24.8	37.2#

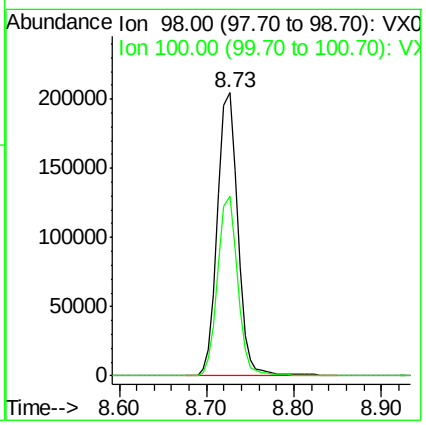


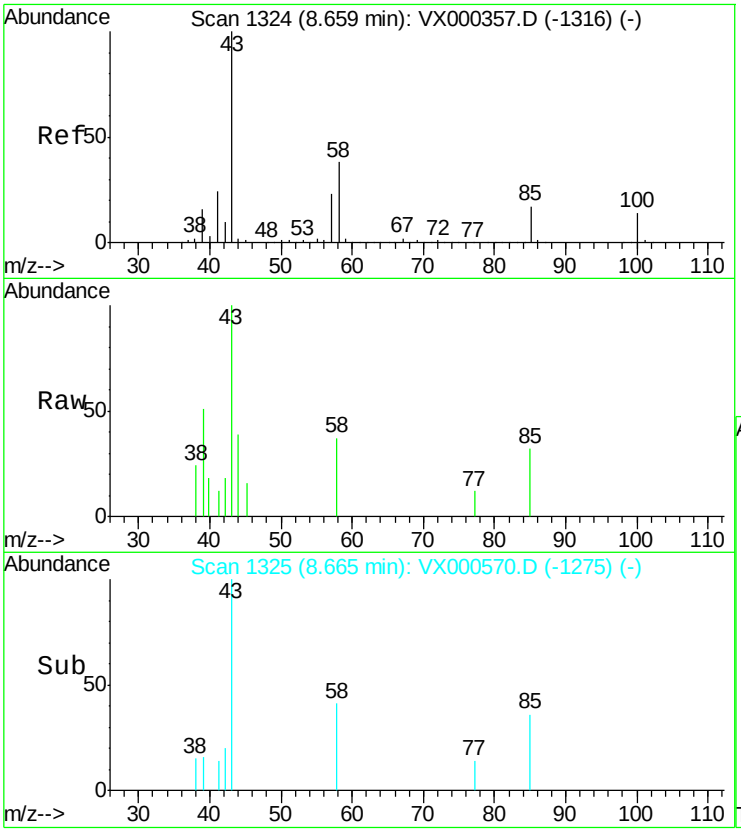


#50
Toluene-d8
Concen: 48.30 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 98 Resp: 332279

Ion	Ratio	Lower	Upper
98	100		
100	62.3	51.2	76.8



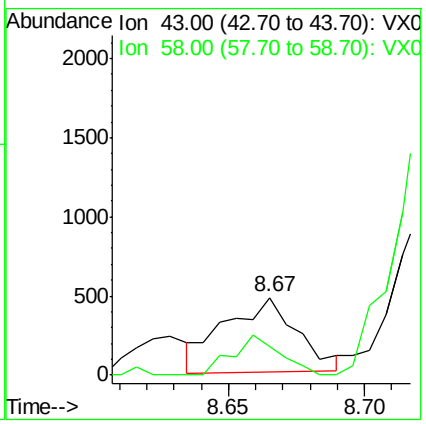


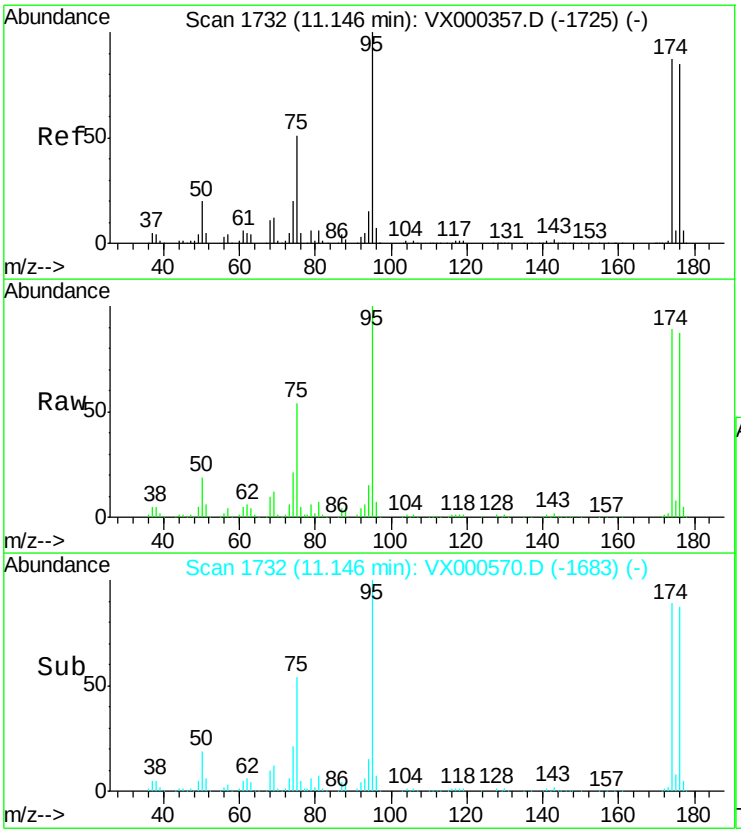
#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion: 43 Resp: 876

Ion	Ratio	Lower	Upper
43	100		
58	35.3	30.3	45.5

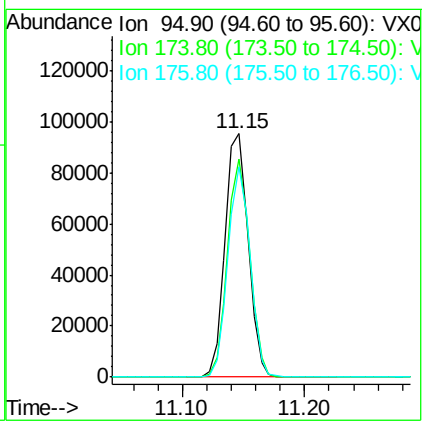


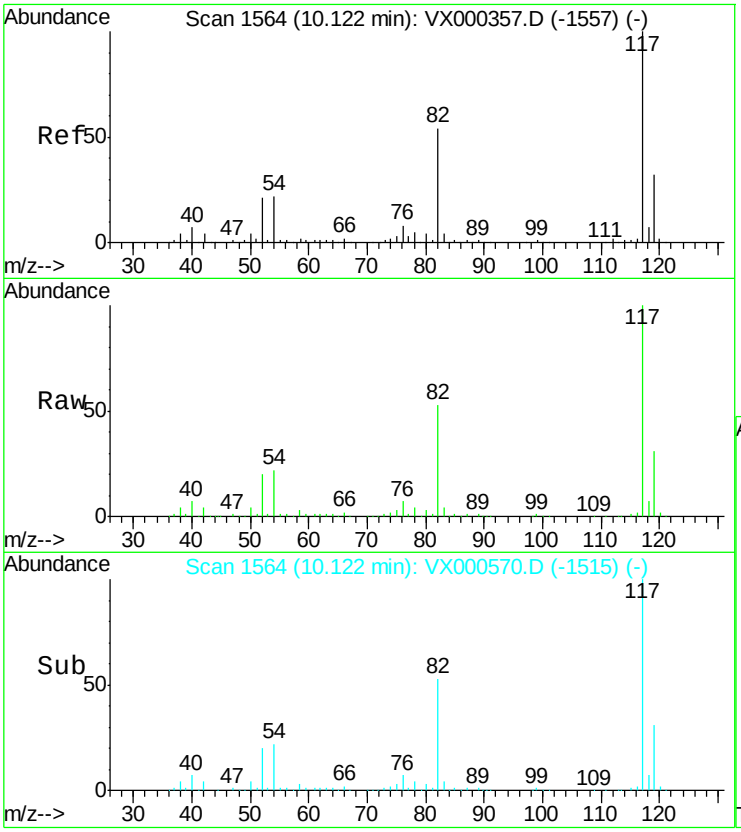


#62
4-Bromofluorobenzene
Concen: 43.78 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 95 Resp: 124727

Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	173.6
176	82.7	0.0	164.6



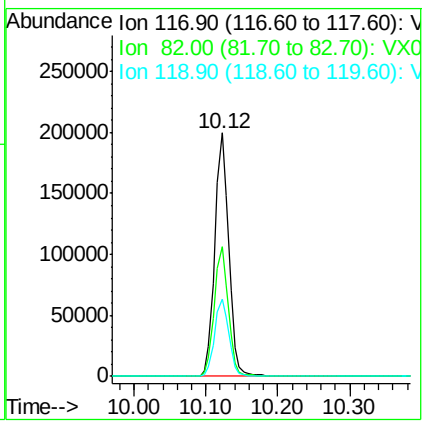


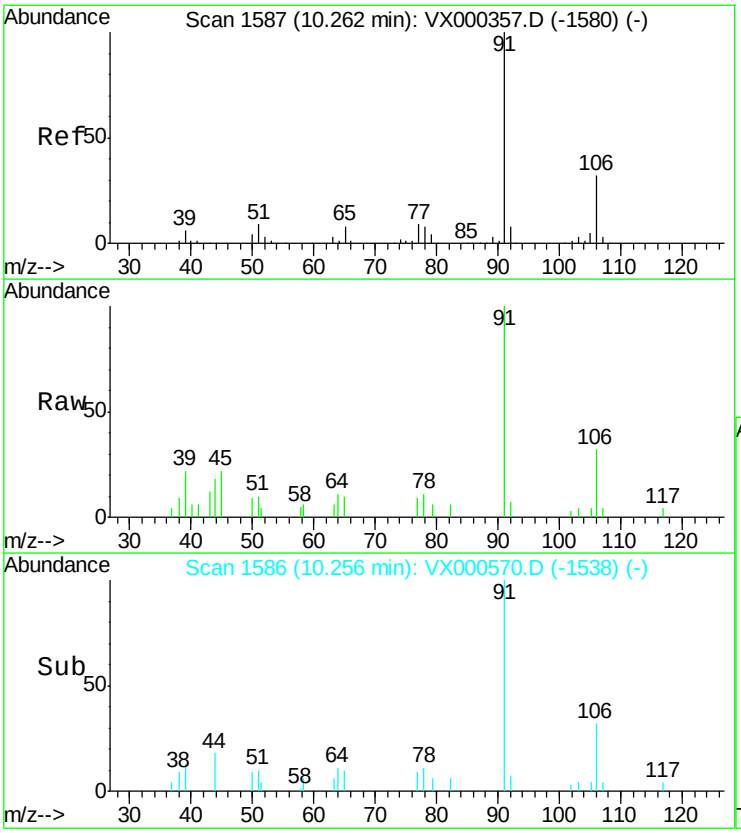
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion:117 Resp: 266060

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	31.5	24.9	37.3

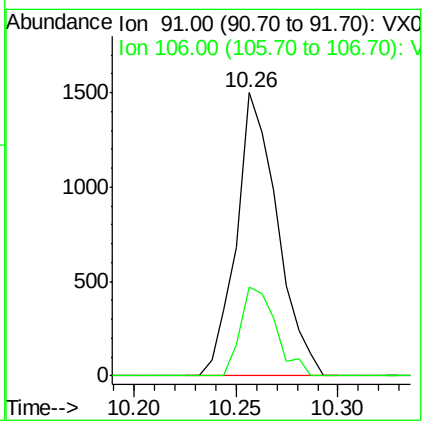


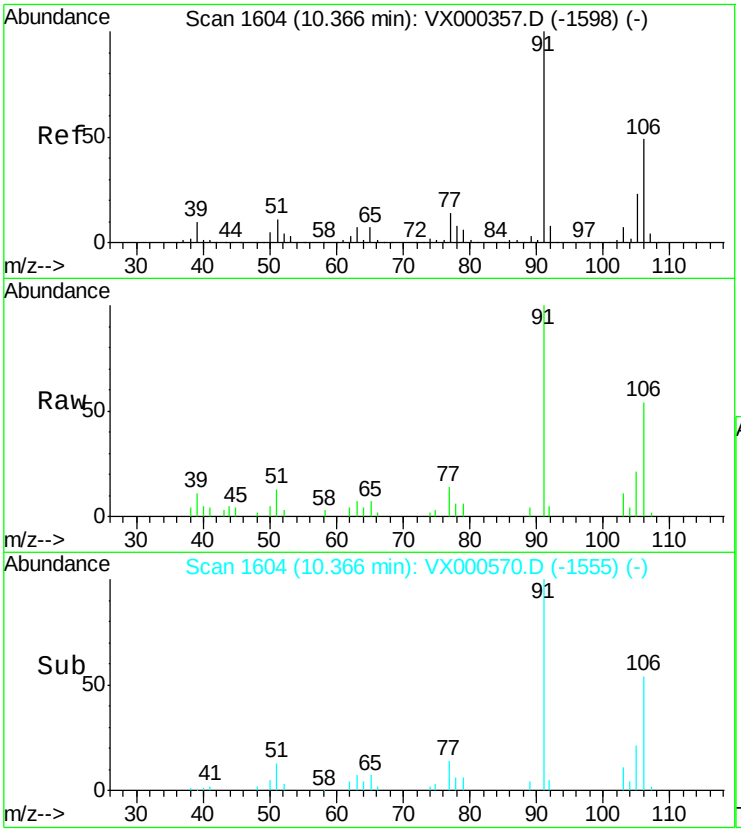


#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 91 Resp: 2092

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.0	37.6



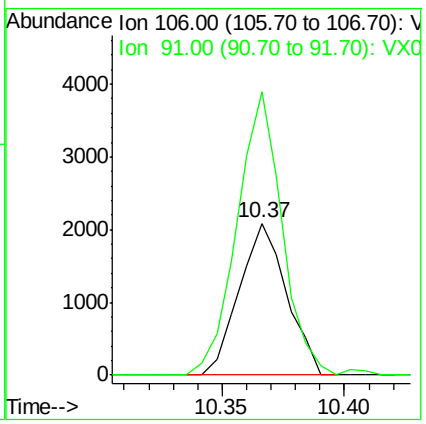


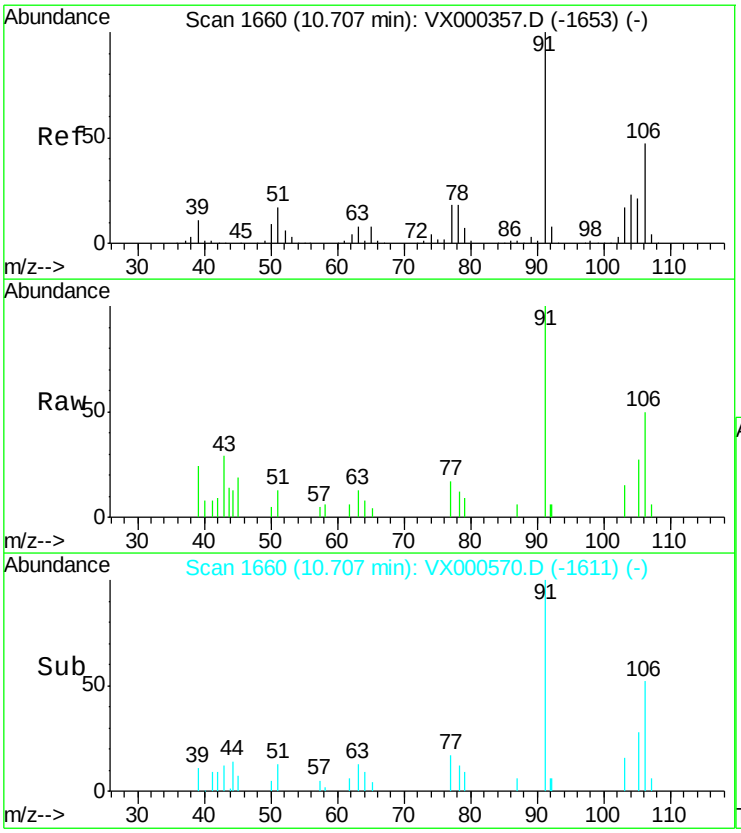
#68
m/p-Xylenes
Concen: 0.71 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion:106 Resp: 2814

Ion	Ratio	Lower	Upper
106	100		
91	178.2	163.4	245.2

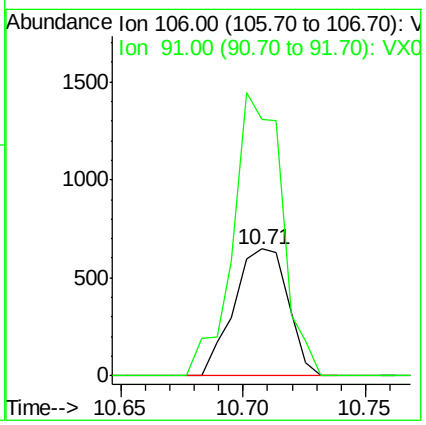


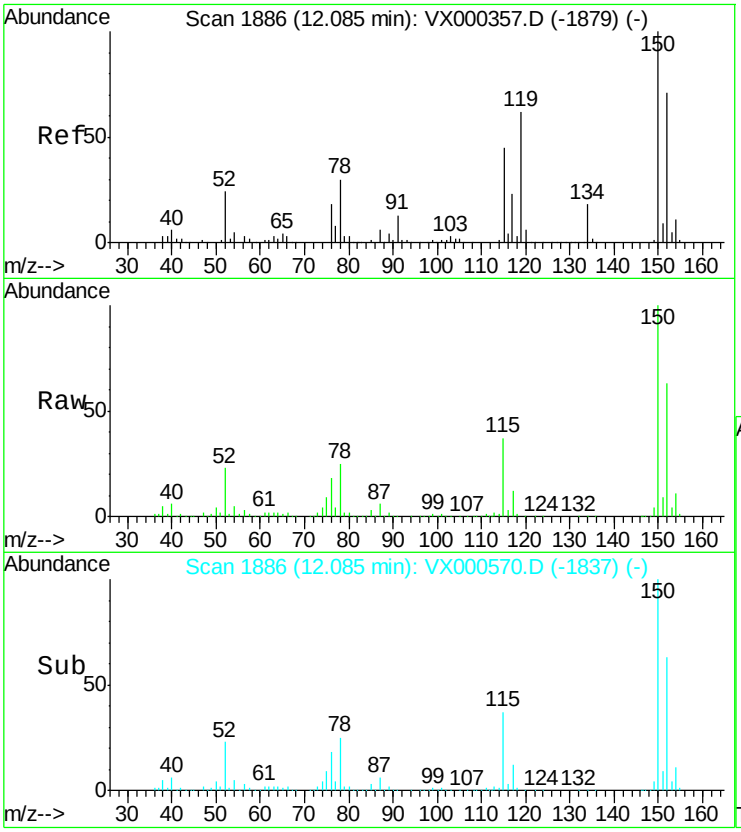


#69
o-Xylene
Concen: 0.26 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion:106 Resp: 1000

Ion	Ratio	Lower	Upper
106	100		
91	201.7	106.5	319.6



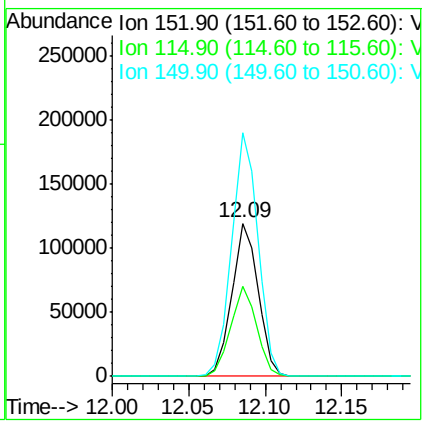


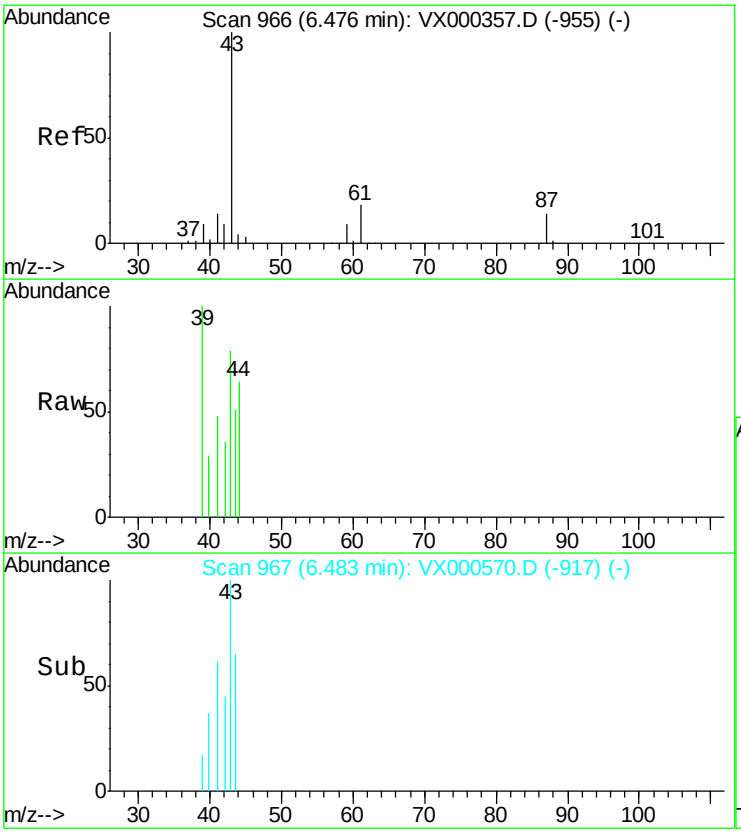
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument : MSVOA_X
ClientSampleId : 4538-9

Tgt Ion:152 Resp: 142210

Ion	Ratio	Lower	Upper
152	100		
115	58.1	39.8	119.3
150	159.0	0.0	344.4

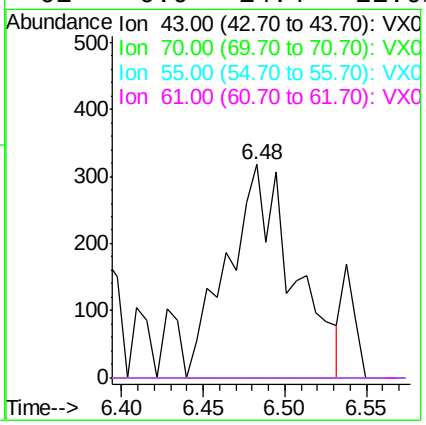


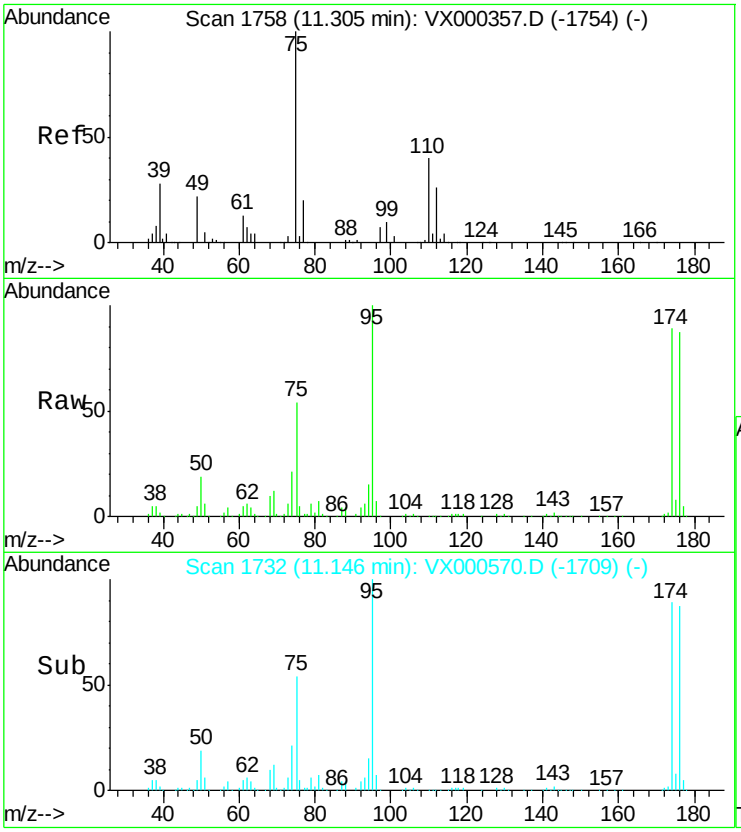


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion: 43 Resp: 885

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



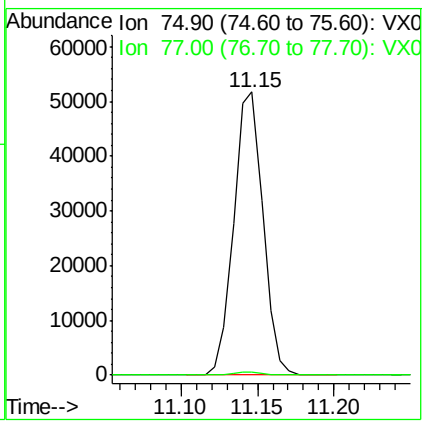


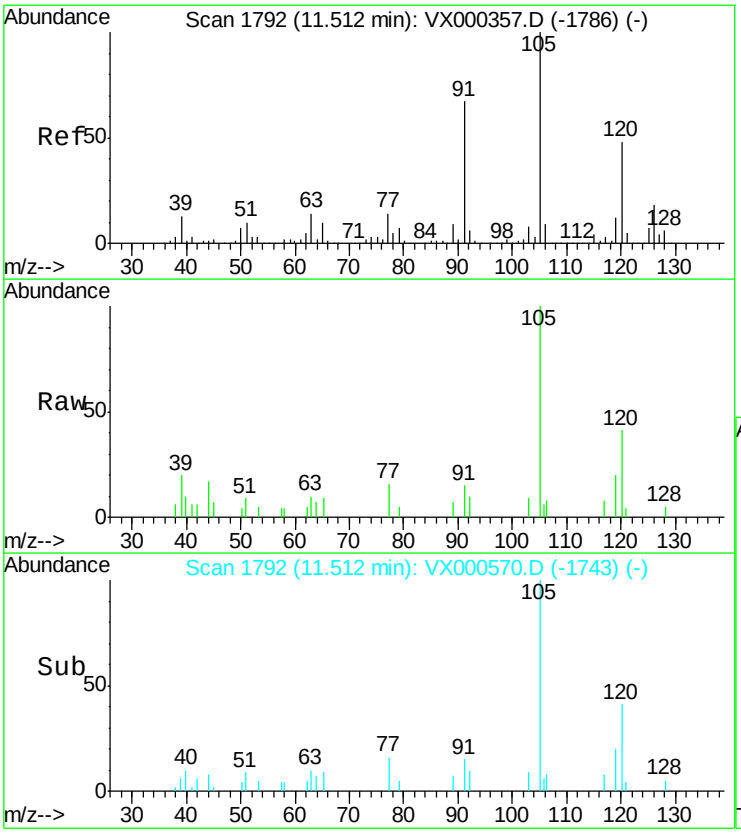
#76
1,2,3-Trichloropropane
Concen: 22.35 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion: 75 Resp: 68294

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.4	64.2#

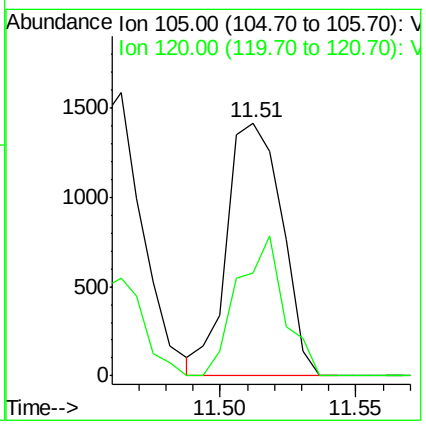


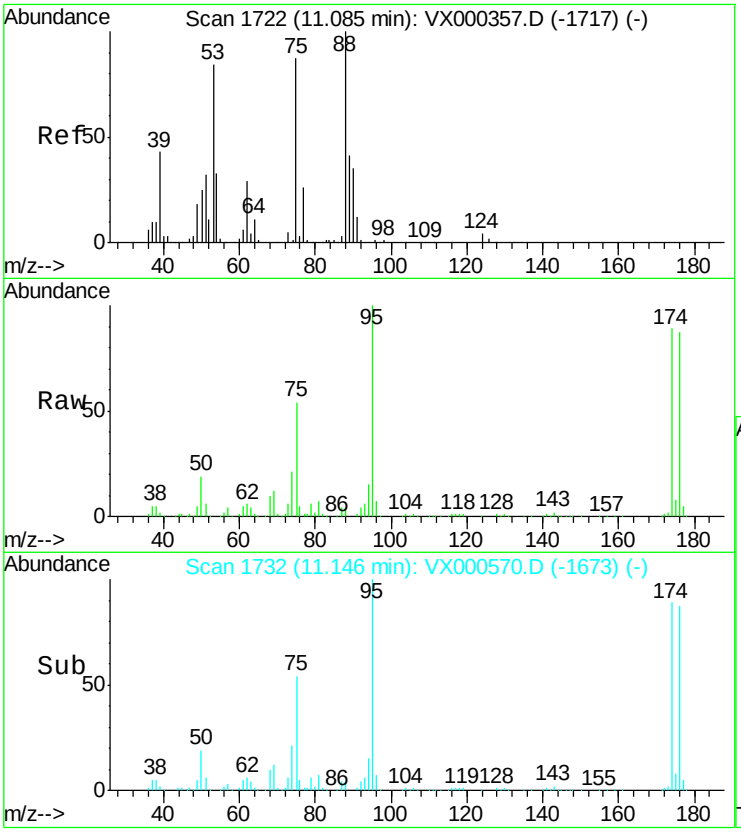


#80
1,3,5-Trimethylbenzene
Concen: 0.25 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion:105 Resp: 1985

Ion	Ratio	Lower	Upper
105	100		
120	46.4	24.1	72.4



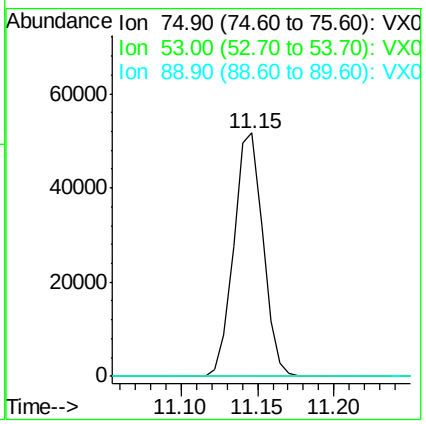


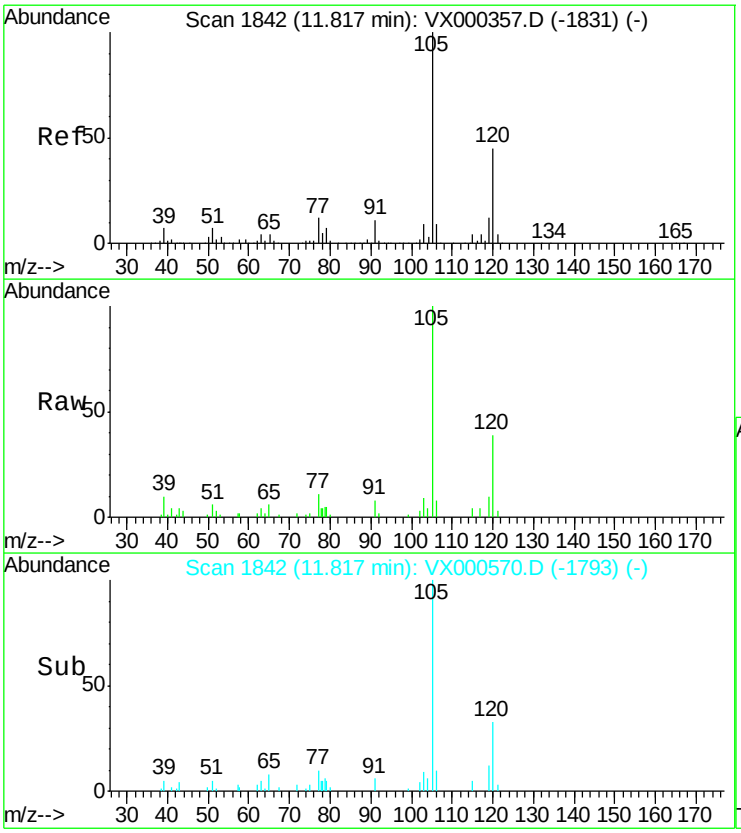
#81
trans-1,4-Dichloro-2-butene
Concen: 72.35 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion: 75 Resp: 68294

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

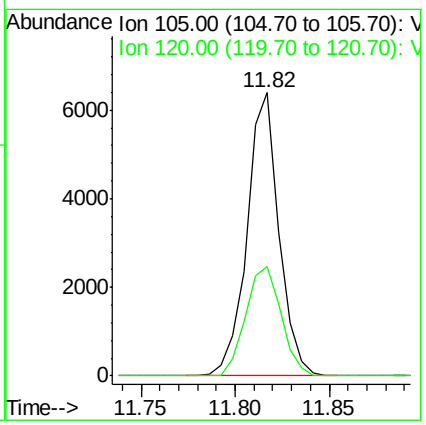


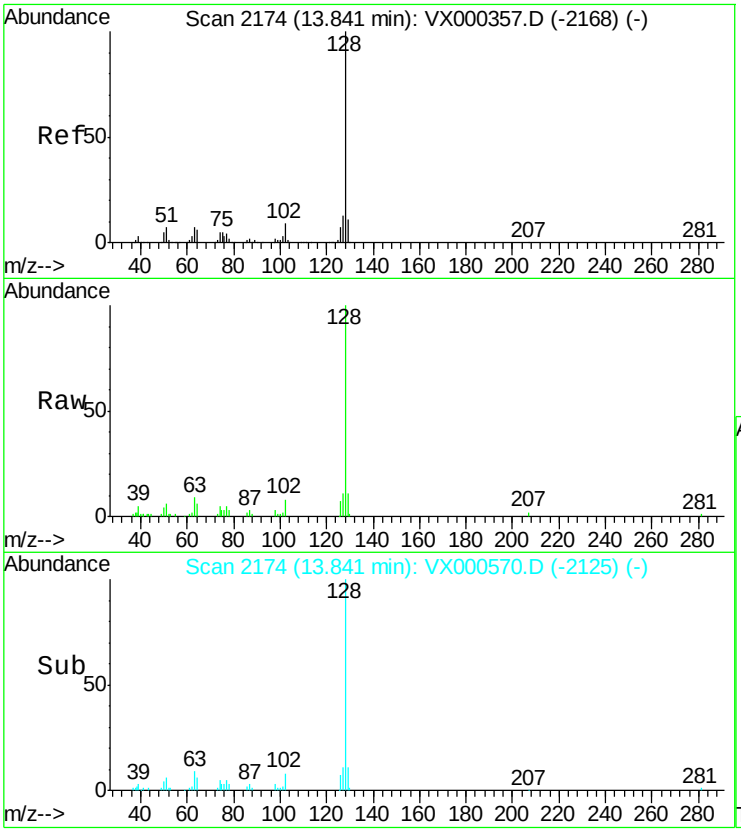


#84
1,2,4-Trimethylbenzene
Concen: 0.90 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Tgt Ion:105 Resp: 7495

Ion	Ratio	Lower	Upper
105	100		
120	42.7	22.4	67.3





#95
Naphthalene
Concen: 1.23 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000570.D
Acq: 30 Mar 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
4538-9

Tgt Ion:128 Resp: 14334

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.9	13.3