Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000487.D
Acq On : 28 Mar 2018 14:35
Operator : JC/MD
Sample : J1754-16 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-C

Quant Time: Mar 29 04:09:46 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	97121	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	176125	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	170536	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86917	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	73826	58.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.46%				
35) Dibromofluoromethane	5.51	113	56669	51.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.14%				
50) Toluene-d8	8.73	98	222012	48.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.60%				
62) 4-Bromofluorobenzene	11.15	95	72525	38.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.82%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	460	0.41	ug/l	#	68
6) Chloroethane	1.74	64	83	Below Cal		#	44
8) Diethyl Ether	2.20	74	209	0.27	ug/l	#	1
10) Methyl Iodide	2.53	142	104	4.36	ug/l	#	58
11) Tert butyl alcohol	3.03	59	1112	2.55	ug/l	#	72
13) Acrolein	2.30	56	131	15.46	ug/l		93
14) Allyl chloride	2.72	41	110	Below Cal		#	1
16) Acetone	2.45	43	7375	6.99	ug/l		96
18) Methyl Acetate	2.78	43	876	0.40	ug/l	#	65
20) Methylene Chloride	2.87	84	23584	19.36	ug/l		96
25) 2-Butanone	4.73	43	1033	0.87	ug/l		95
30) Chloroform	5.23	83	548	0.28	ug/l	#	58
31) Cyclohexane	5.68	56	2292	1.43	ug/l	#	58
36) 1,1-Dichloropropene	5.67	75	7590	4.60	ug/l	#	45
38) Carbon Tetrachloride	5.67	117	9204	5.32	ug/l	#	17
43) Isopropyl Acetate	6.48	43	1891	0.56	ug/l	#	94
51) 4-Methyl-2-Pentanone	8.66	43	596	0.23	ug/l		94
67) Ethyl Benzene	10.26	91	2748	0.43	ug/l		96
68) m/p-Xylenes	10.37	106	2971	1.17	ug/l		99
69) o-Xylene	10.71	106	1053	0.43	ug/l		83
74) N-amyl acetate	6.48	43	1891	Below Cal		#	90
76) 1,2,3-Trichloropropane	11.15	75	43532	23.30	ug/l	#	34
78) n-propylbenzene	11.37	91	1941	0.28	ug/l		98
79) 2-Chlorotoluene	11.44	91	1181	0.30	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.51	105	2776	0.57	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.15	75	43532	75.45	ug/l	#	9
83) tert-Butylbenzene	11.81	119	1055	0.22	ug/l	#	36
84) 1,2,4-Trimethylbenzene	11.82	105	8883	1.75	ug/l		99
90) Hexachloroethane	12.62	117	172	0.20	ug/l	#	12
95) Naphthalene	13.84	128	8210	1.16	ug/l	#	96

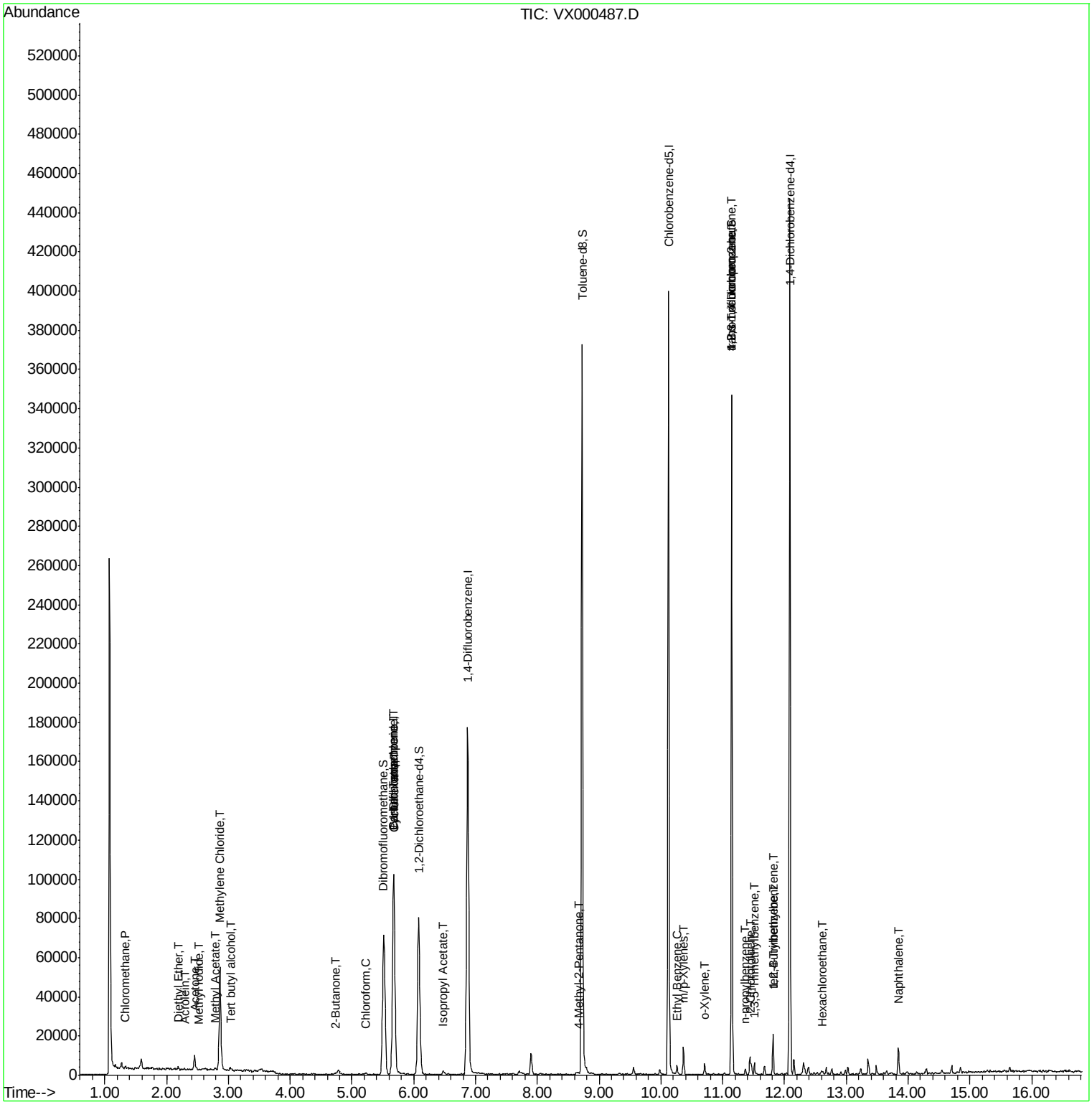
(#) = qualifier out of range (m) = manual integration (+) = signals summed

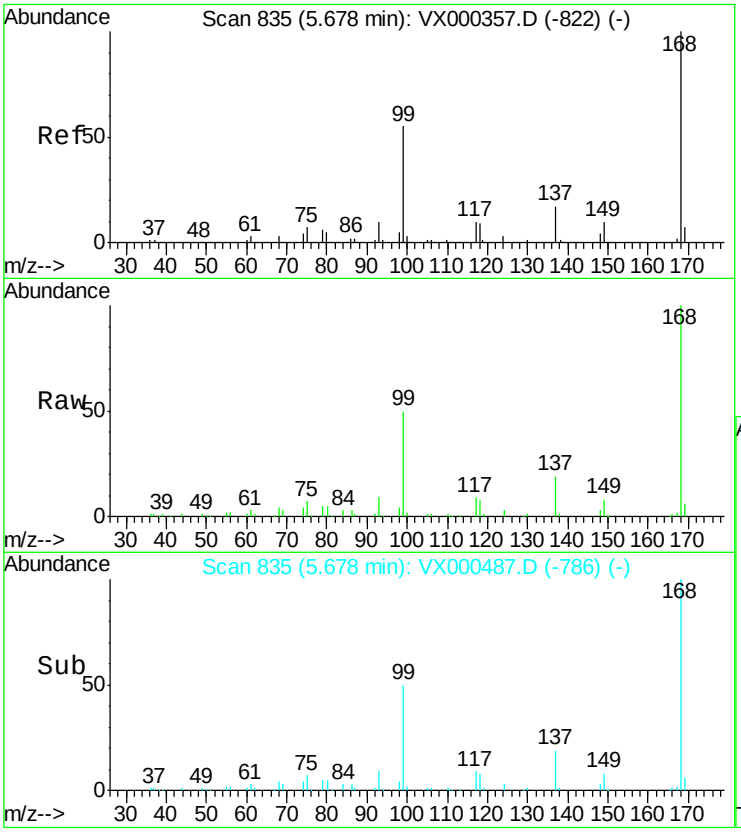
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
Data File : VX000487.D
Acq On : 28 Mar 2018 14:35
Operator : JC/MD
Sample : J1754-16 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Quant Time: Mar 29 04:09:46 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



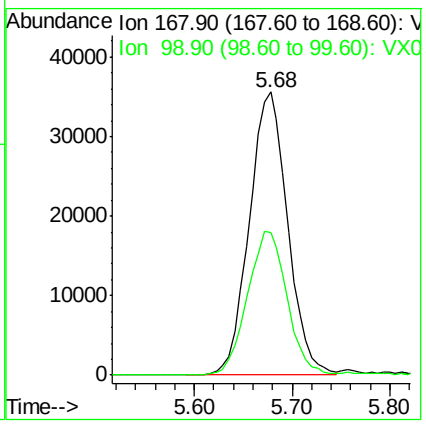


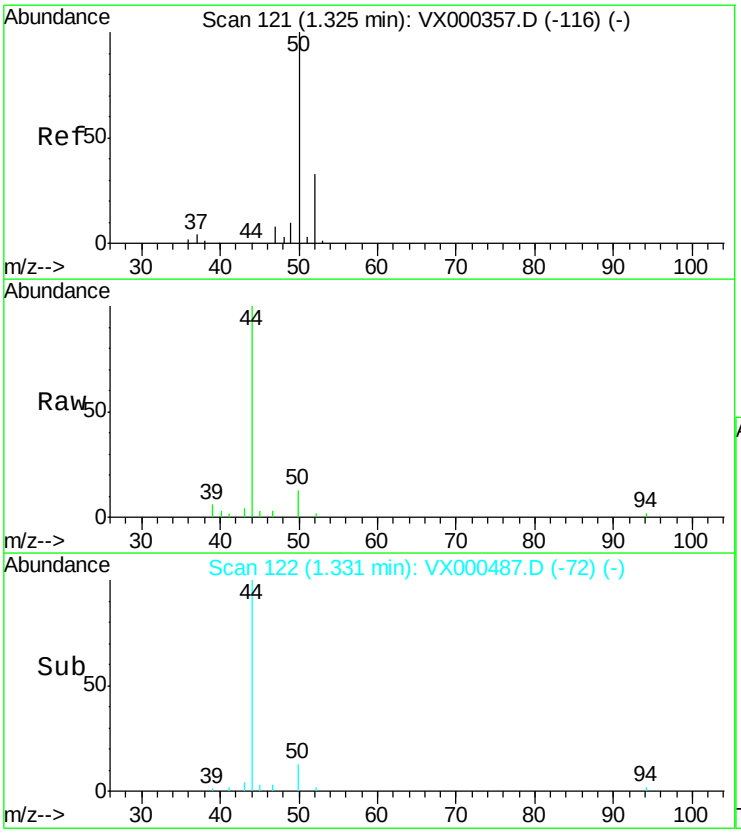
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion:168 Resp: 97121

Ion	Ratio	Lower	Upper
168	100		
99	50.5	45.8	68.6

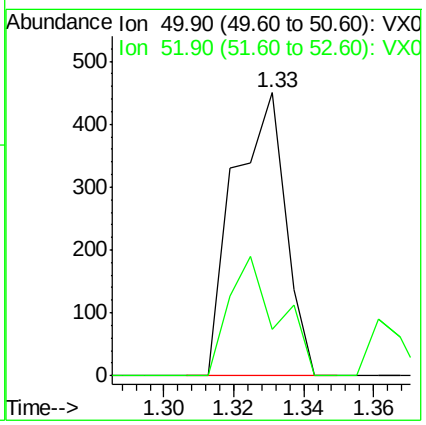


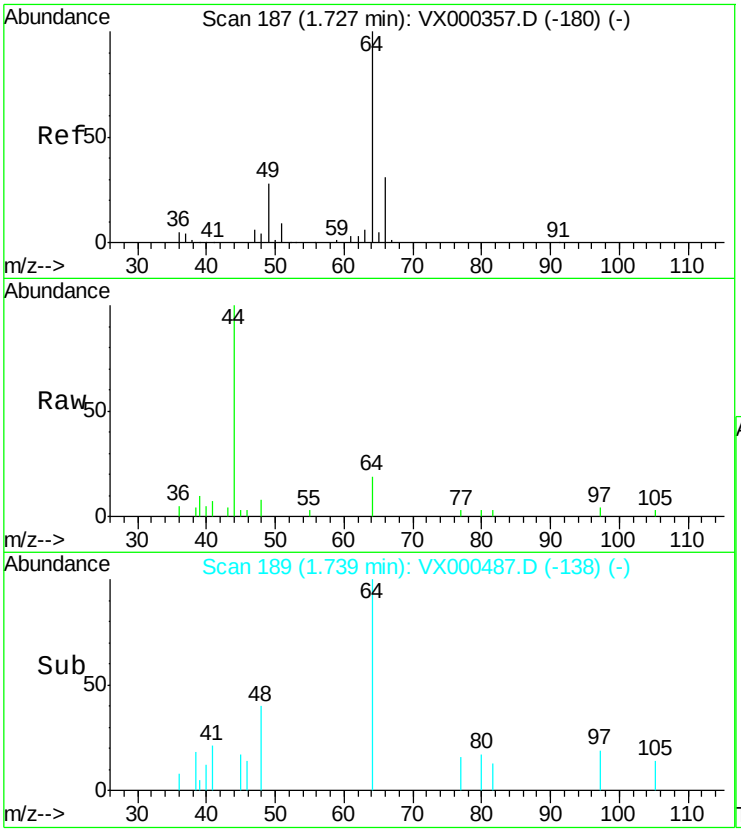


#3
Chloromethane
Concen: 0.41 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 50 Resp: 460

Ion	Ratio	Lower	Upper
50	100		
52	16.2	27.5	41.3#



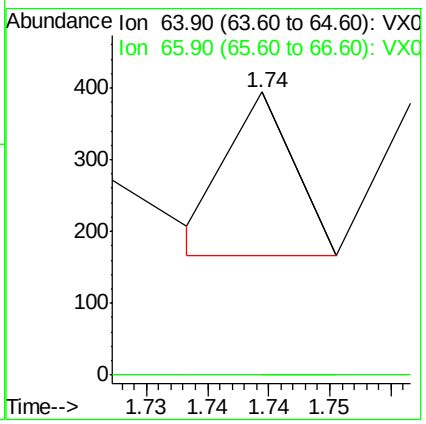


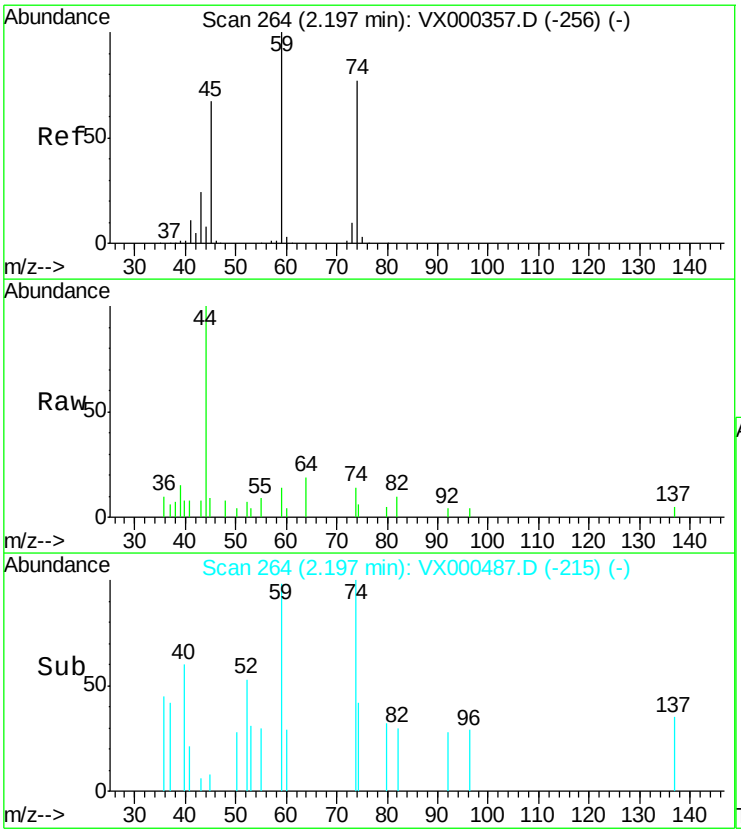
#6
Chloroethane
Concen: Below Cal
RT: 1.74 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion: 64 Resp: 83

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

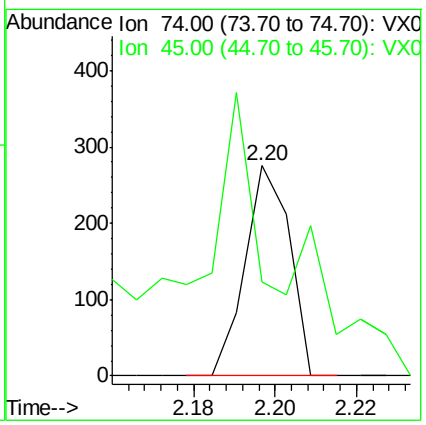


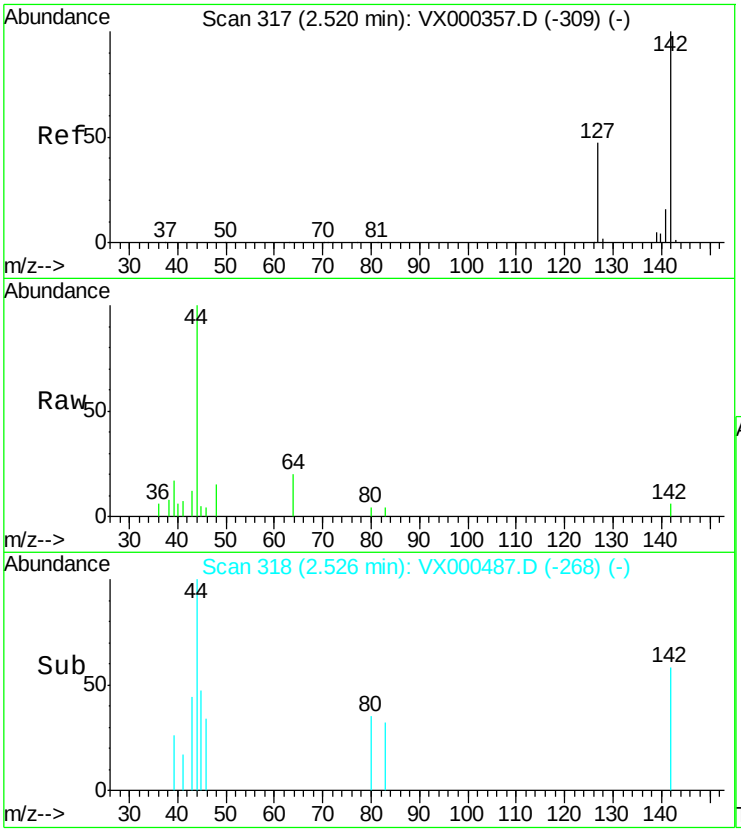


#8
Diethyl Ether
Concen: 0.27 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 74 Resp: 209

Ion	Ratio	Lower	Upper
74	100		
45	212.0	45.1	135.3#



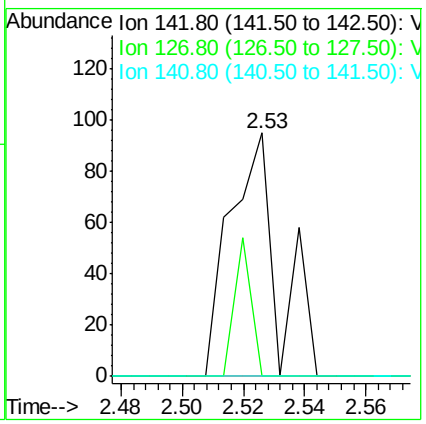


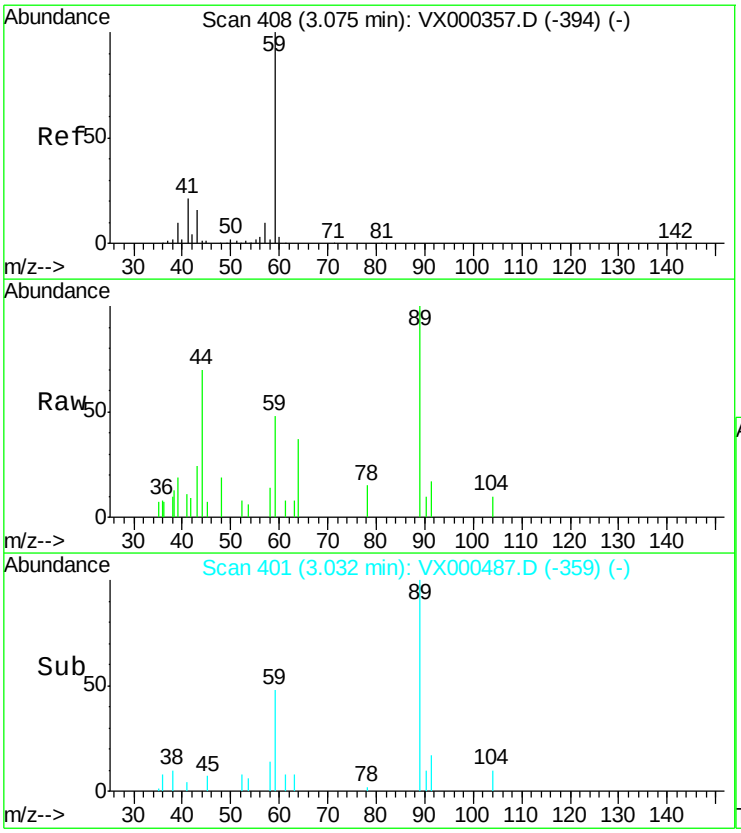
#10
Methyl Iodide
Concen: 4.36 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-C

Tgt Ion:142 Resp: 104

Ion	Ratio	Lower	Upper
142	100		
127	19.2	39.2	58.8#
141	0.0	11.7	17.5#

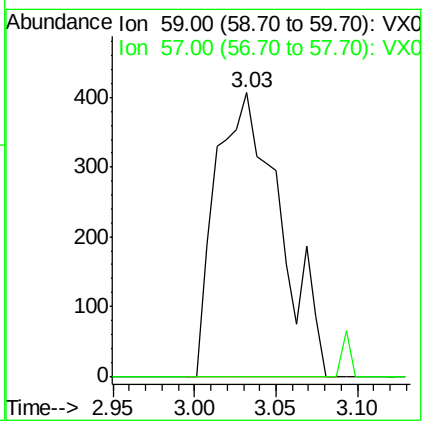


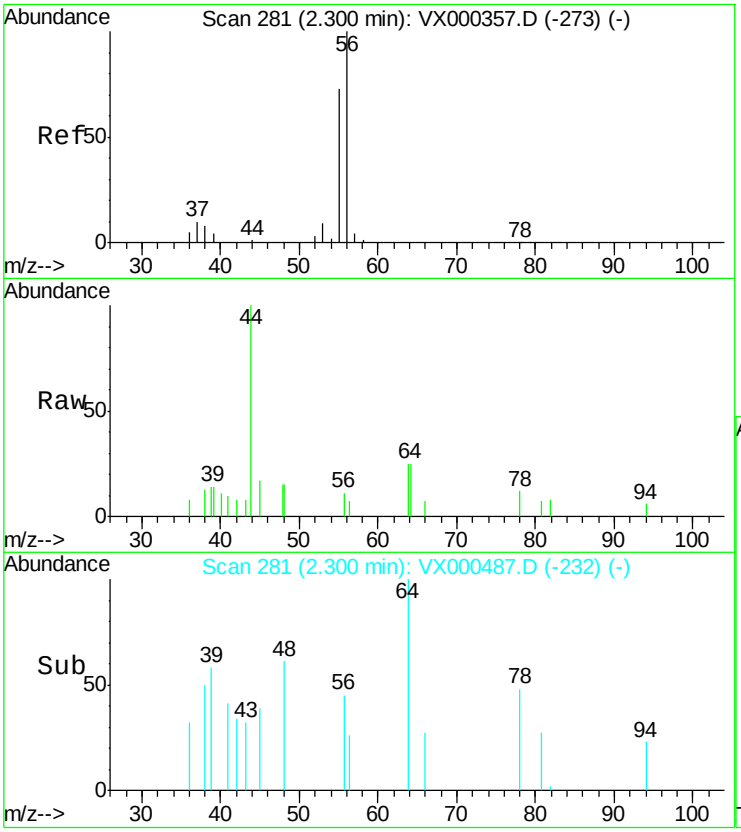


#11
Tert butyl alcohol
Concen: 2.55 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.04 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 59 Resp: 1112

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



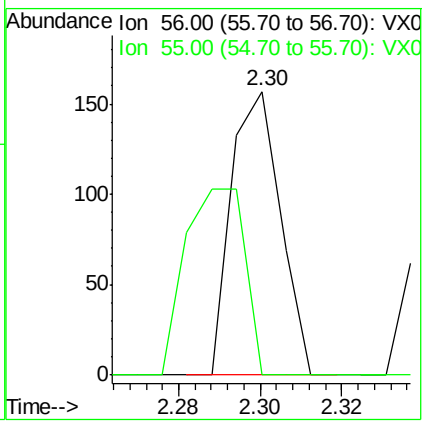


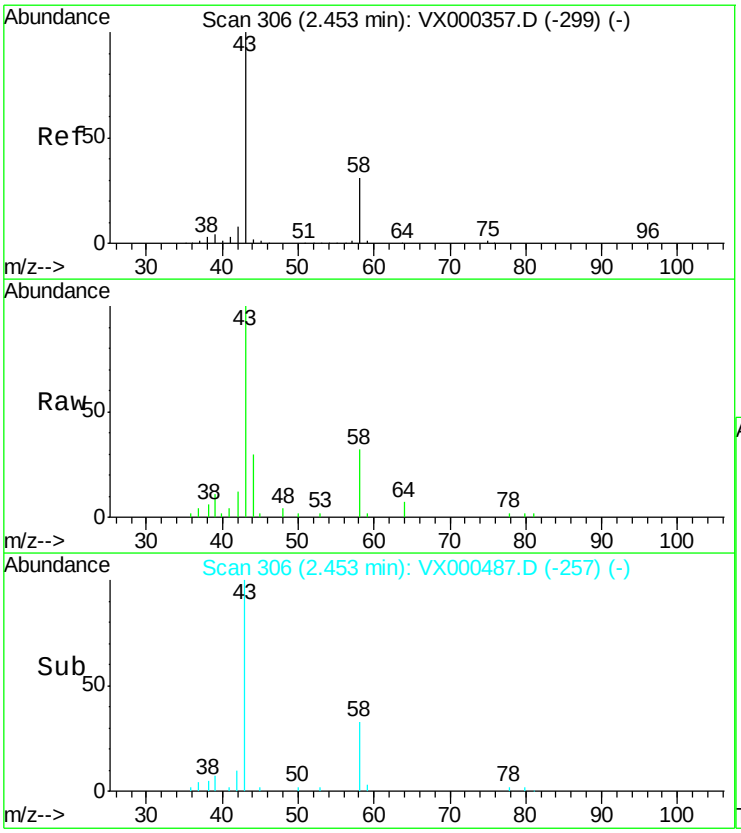
#13
Acrolein
Concen: 15.46 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-C

Tgt Ion: 56 Resp: 131

Ion	Ratio	Lower	Upper
56	100		
55	79.4	58.8	88.2

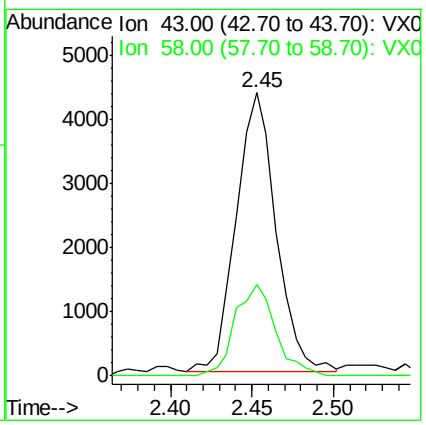


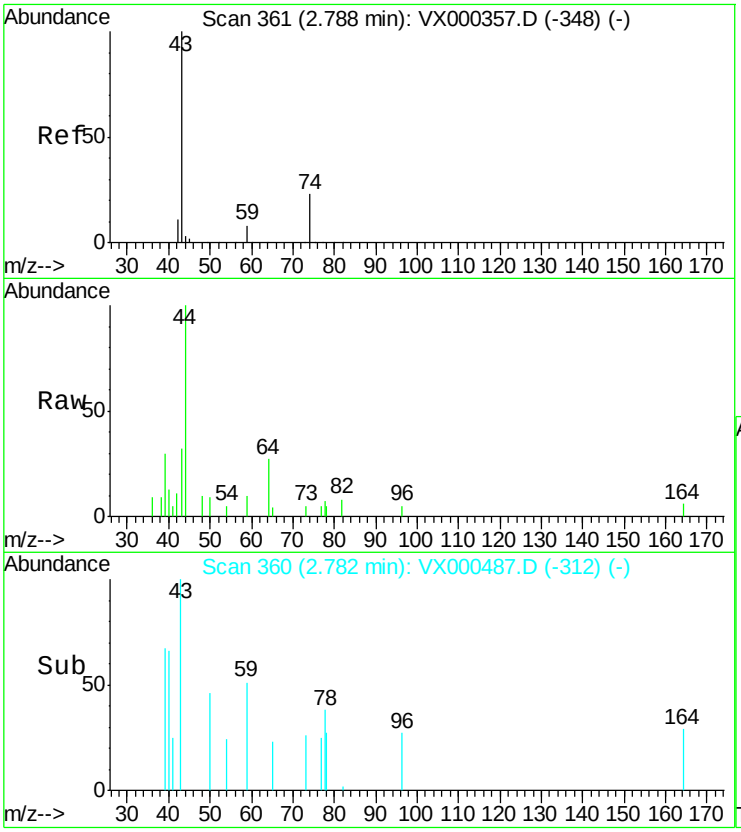


#16
Acetone
Concen: 6.99 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 43 Resp: 7375

Ion	Ratio	Lower	Upper
43	100		
58	32.9	24.7	37.1



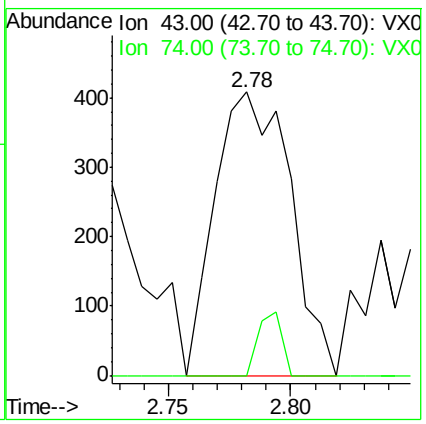


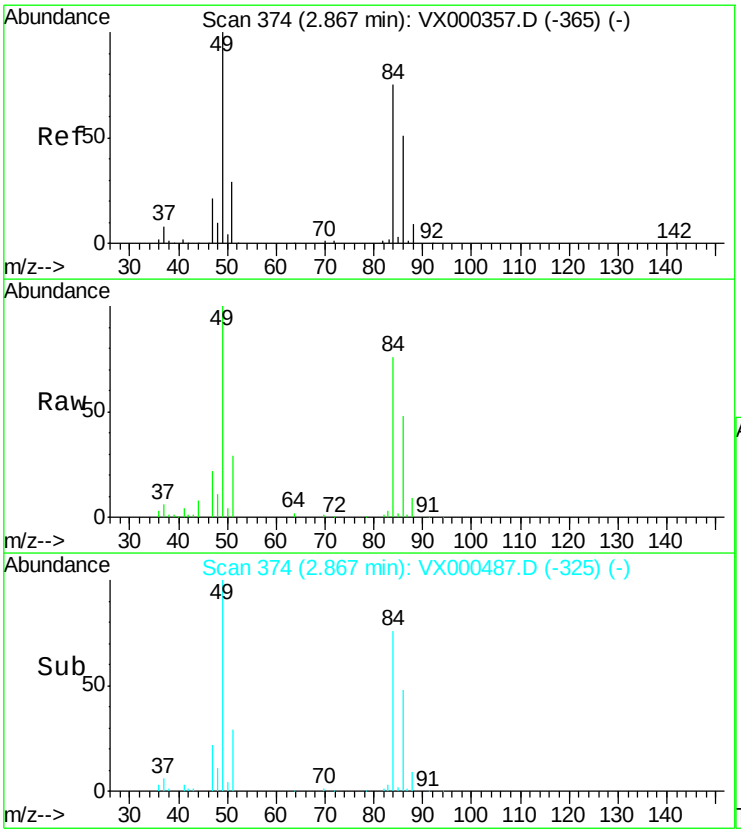
#18
Methyl Acetate
Concen: 0.40 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-C

Tgt Ion: 43 Resp: 876

Ion	Ratio	Lower	Upper
43	100		
74	7.1	19.4	29.2#

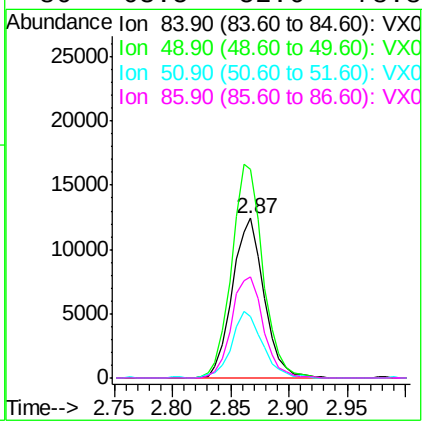


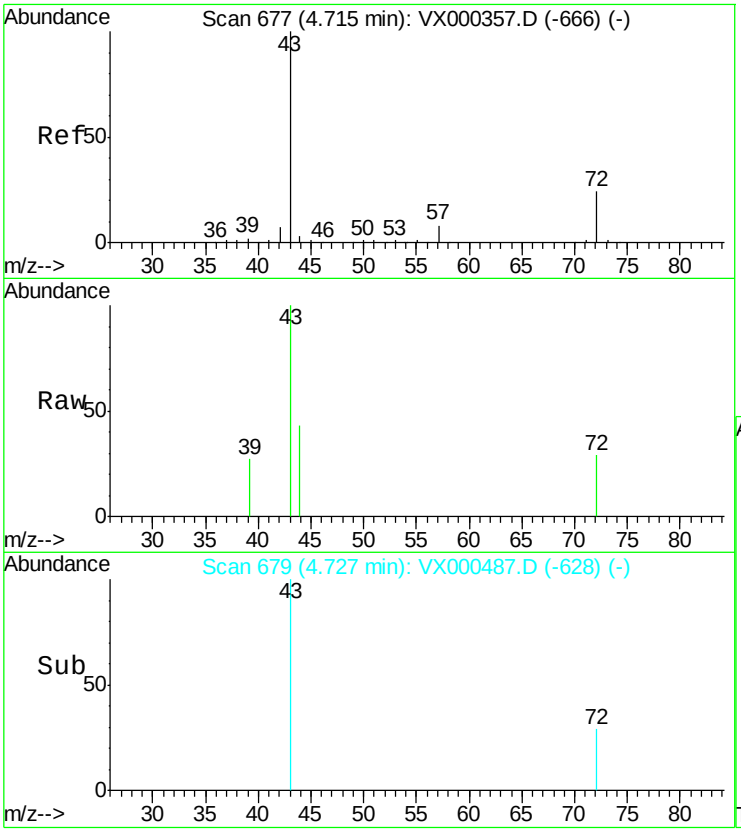


#20
Methylene Chloride
Concen: 19.36 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 84 Resp: 23584

Ion	Ratio	Lower	Upper
84	100		
49	130.9	100.6	151.0
51	38.4	31.6	47.4
86	63.5	52.6	78.8



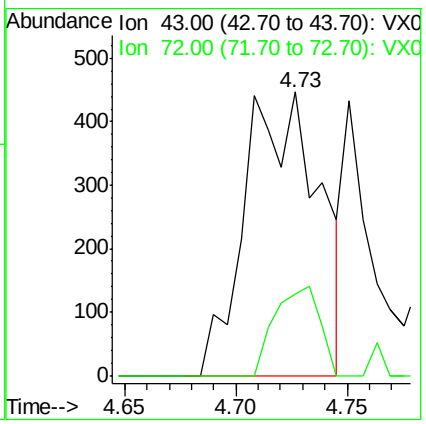


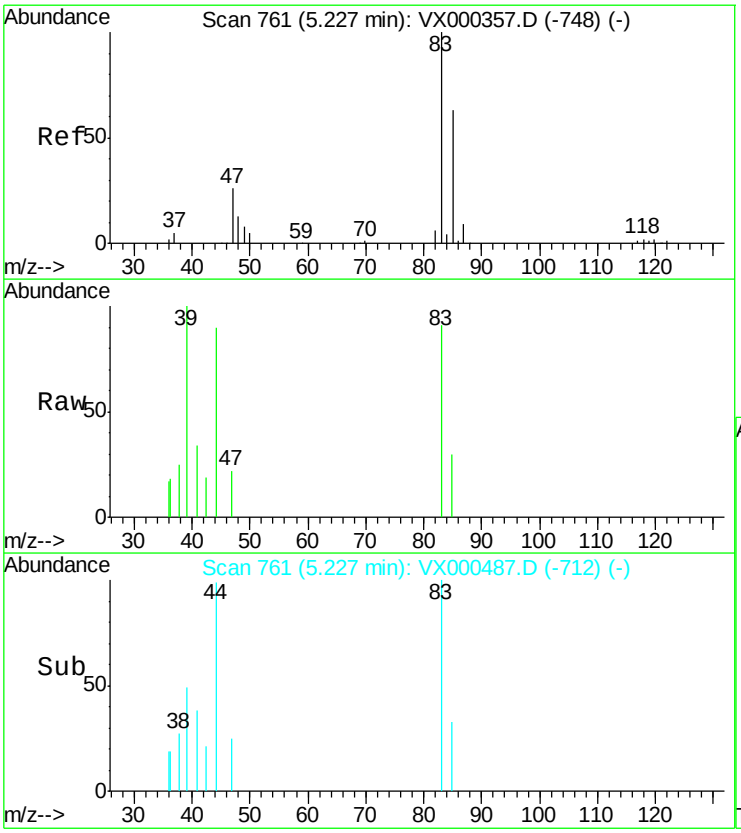
#25
2-Butanone
Concen: 0.87 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion: 43 Resp: 1033

Ion	Ratio	Lower	Upper
43	100		
72	28.6	21.0	31.6

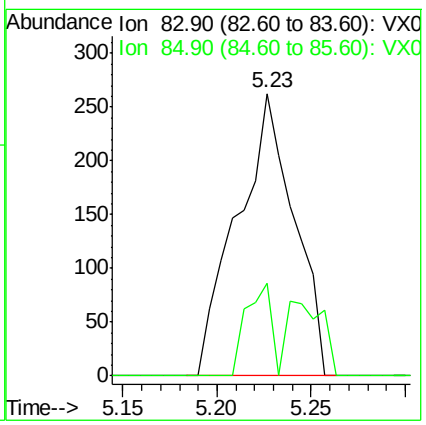


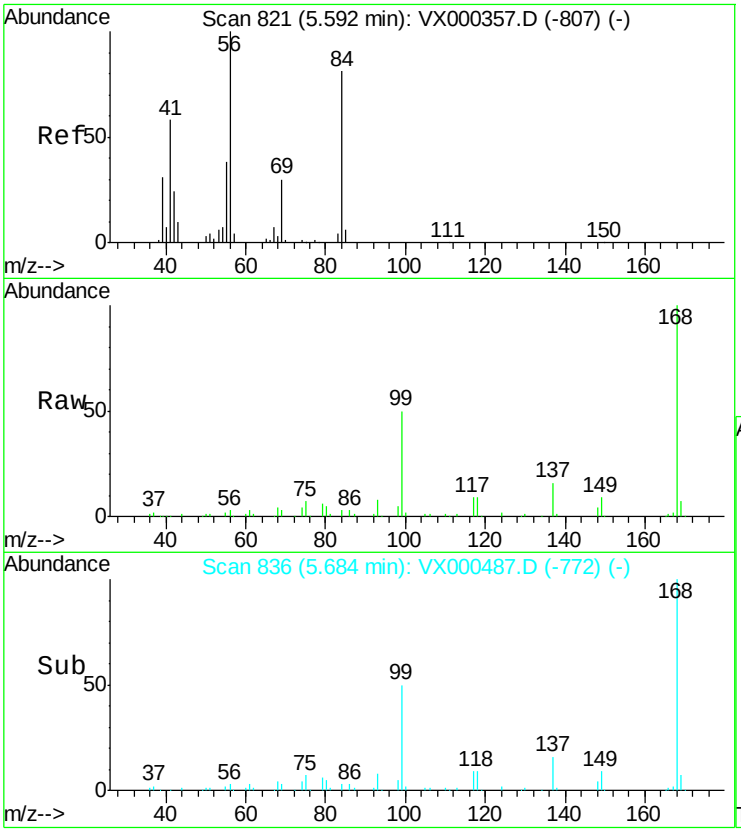


#30
Chloroform
Concen: 0.28 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 83 Resp: 548

Ion	Ratio	Lower	Upper
83	100		
85	32.7	53.3	79.9#



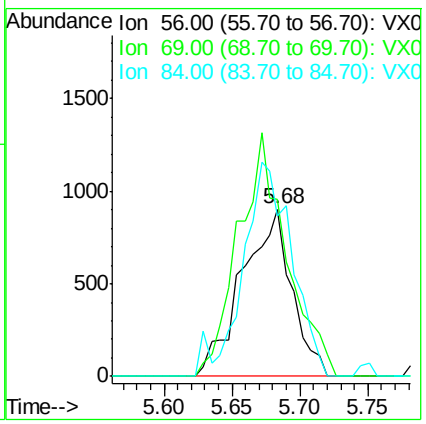


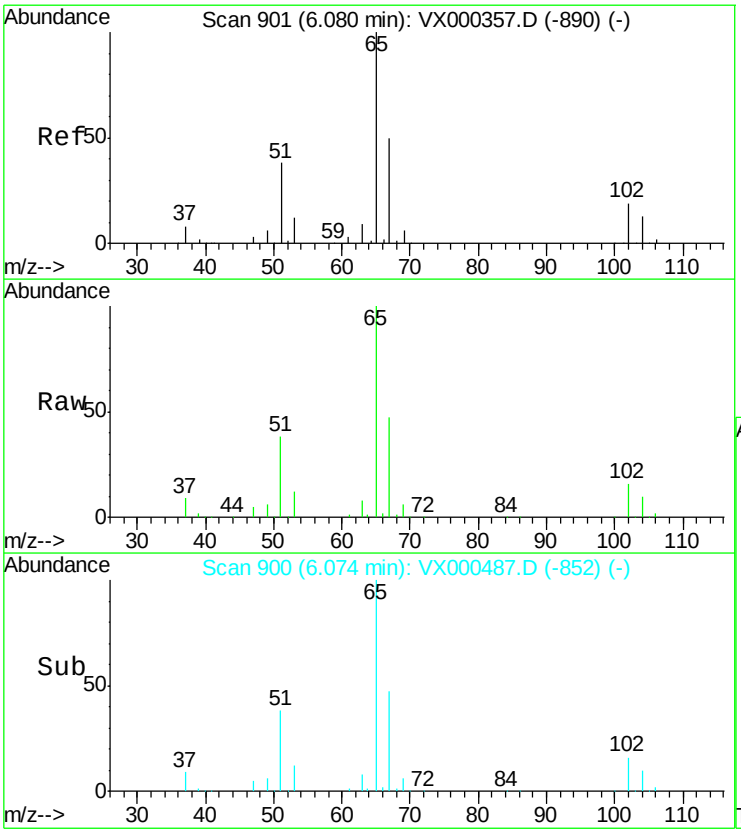
#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.68 min Scan# 836
Delta R.T. 0.09 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion: 56 Resp: 2292

Ion	Ratio	Lower	Upper
56	100		
69	106.0	23.4	35.0#
84	96.3	71.0	106.4

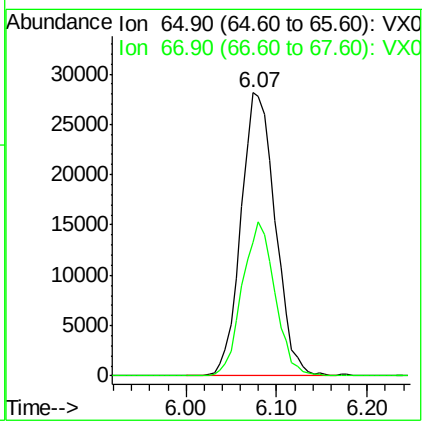


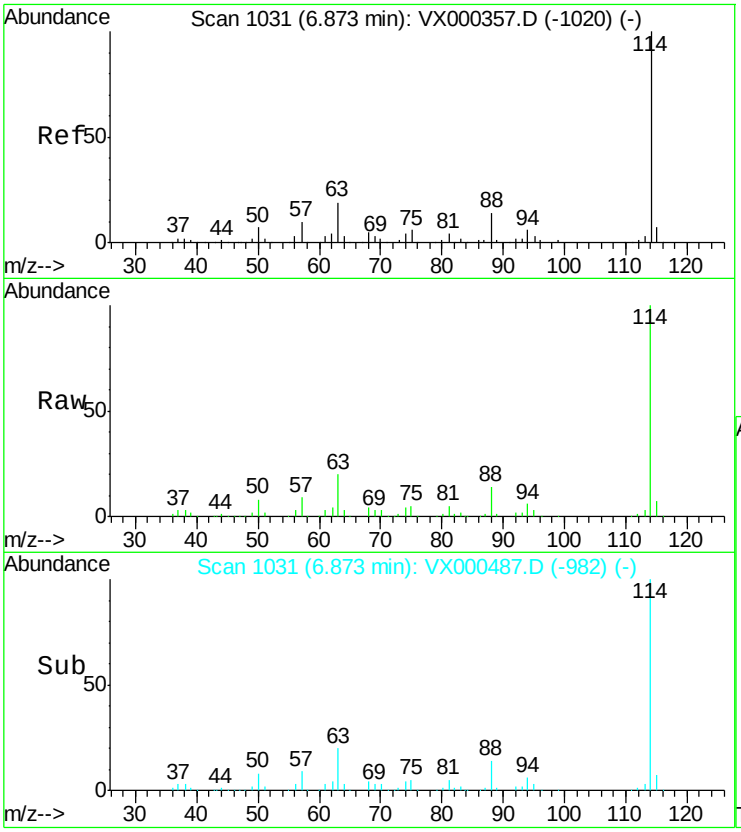


#33
1,2-Dichloroethane-d4
Concen: 58.23 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 65 Resp: 73826

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.2



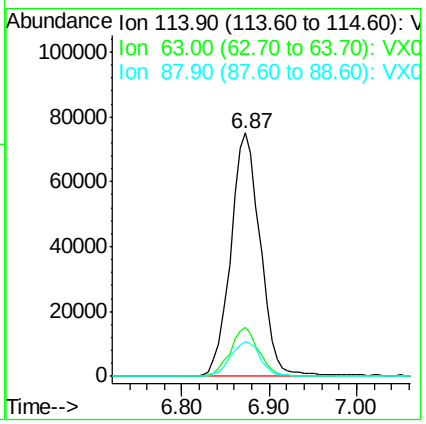


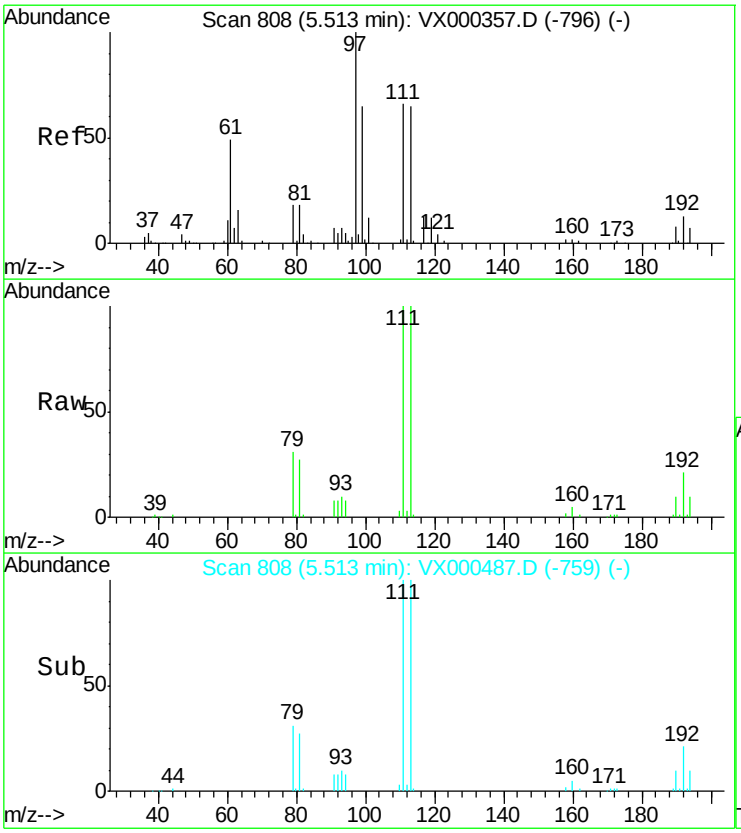
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion:114 Resp: 176125

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.4
88	14.1	0.0	27.0

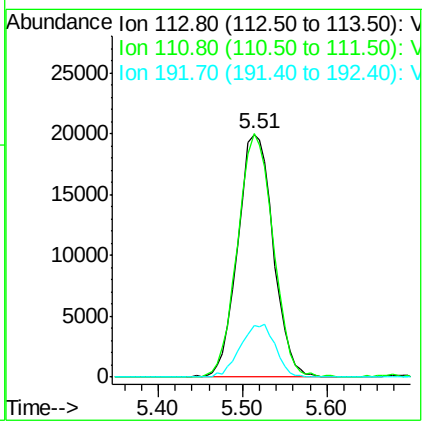


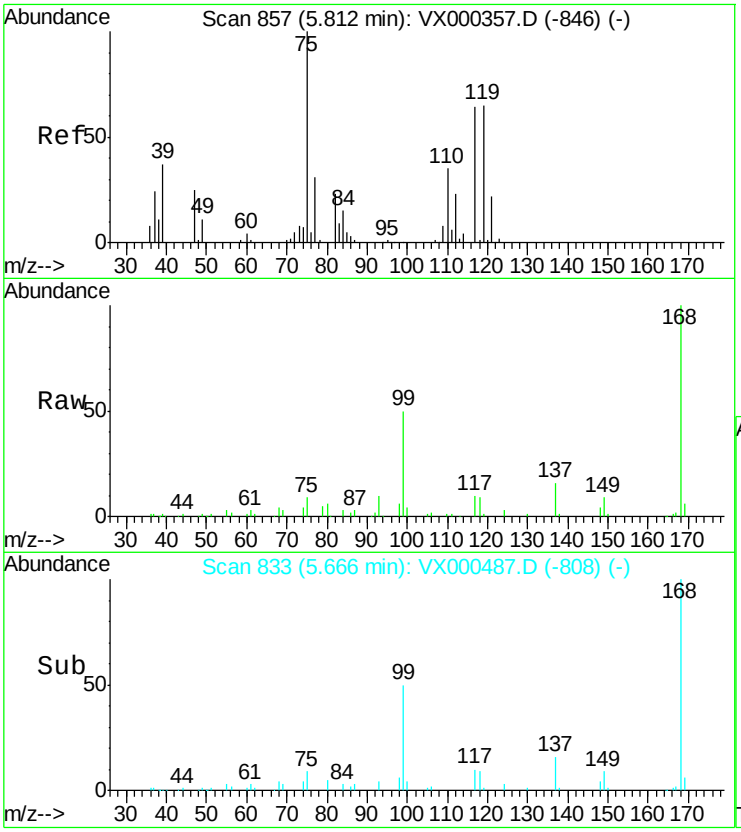


#35
Dibromofluoromethane
Concen: 51.07 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion:113 Resp: 56669

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.4	123.6
192	21.5	15.8	23.6



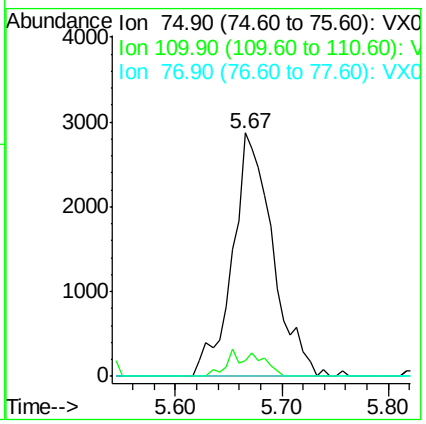


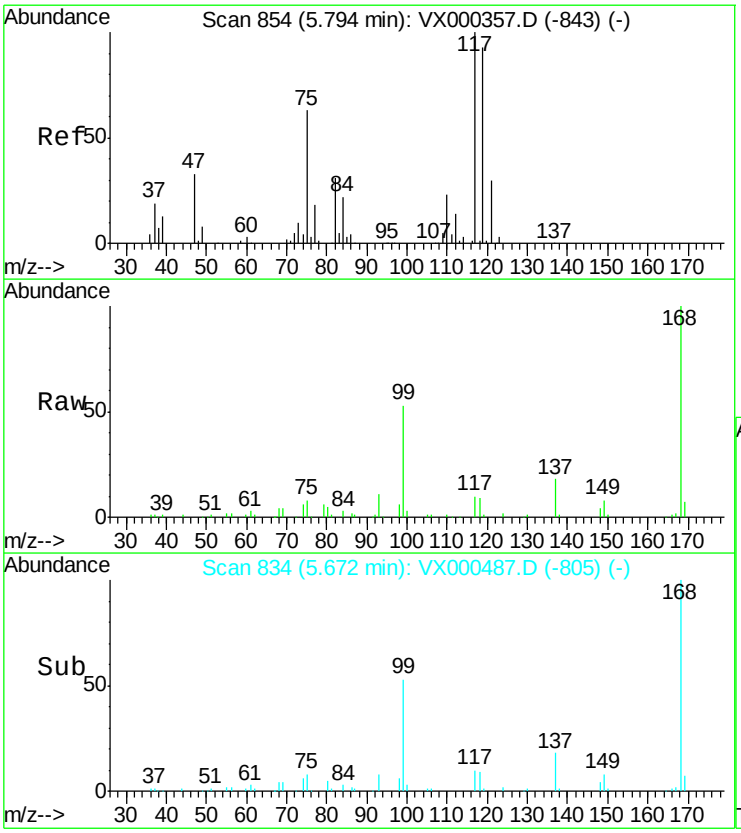
#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.15 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion: 75 Resp: 7590

Ion	Ratio	Lower	Upper
75	100		
110	4.2	17.9	53.7#
77	0.0	24.0	36.0#

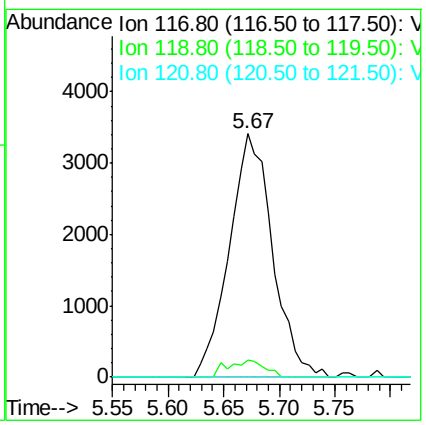


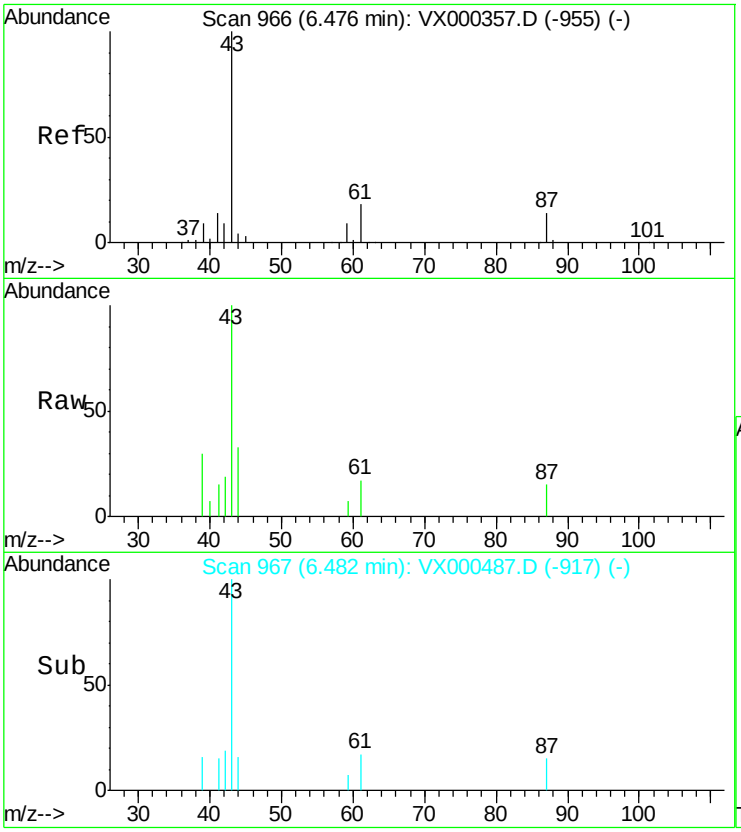


#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion:117 Resp: 9204

Ion	Ratio	Lower	Upper
117	100		
119	7.1	77.4	116.2#
121	0.0	24.8	37.2#



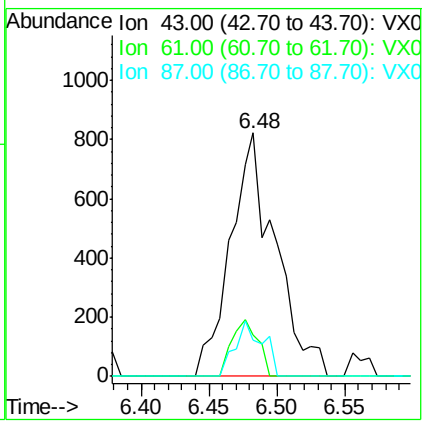


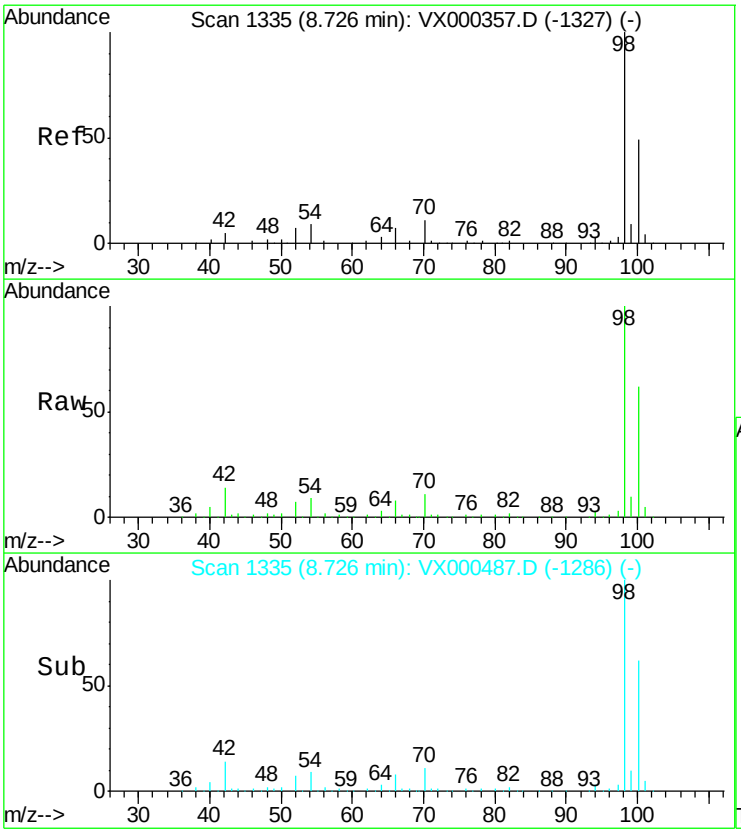
#43
Isopropyl Acetate
Concen: 0.56 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-C

Tgt Ion: 43 Resp: 1891

Ion	Ratio	Lower	Upper
43	100		
61	13.4	14.4	21.6#
87	14.1	11.0	16.4

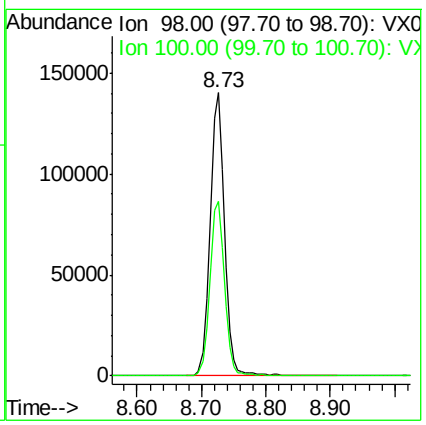


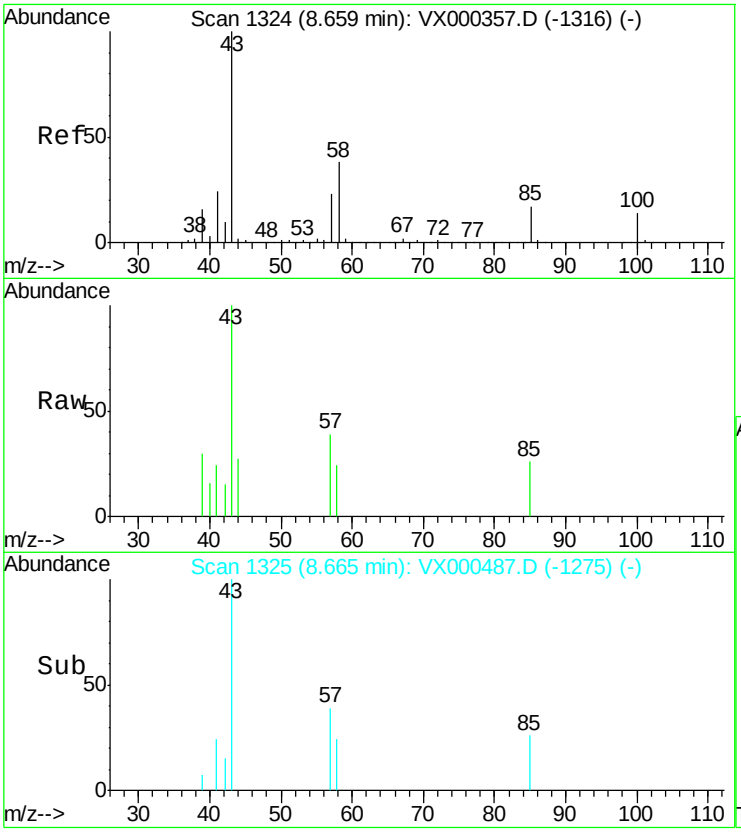


#50
Toluene-d8
Concen: 48.30 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 98 Resp: 222012

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.2	76.8



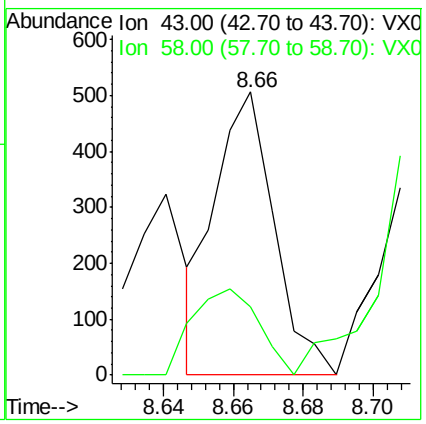


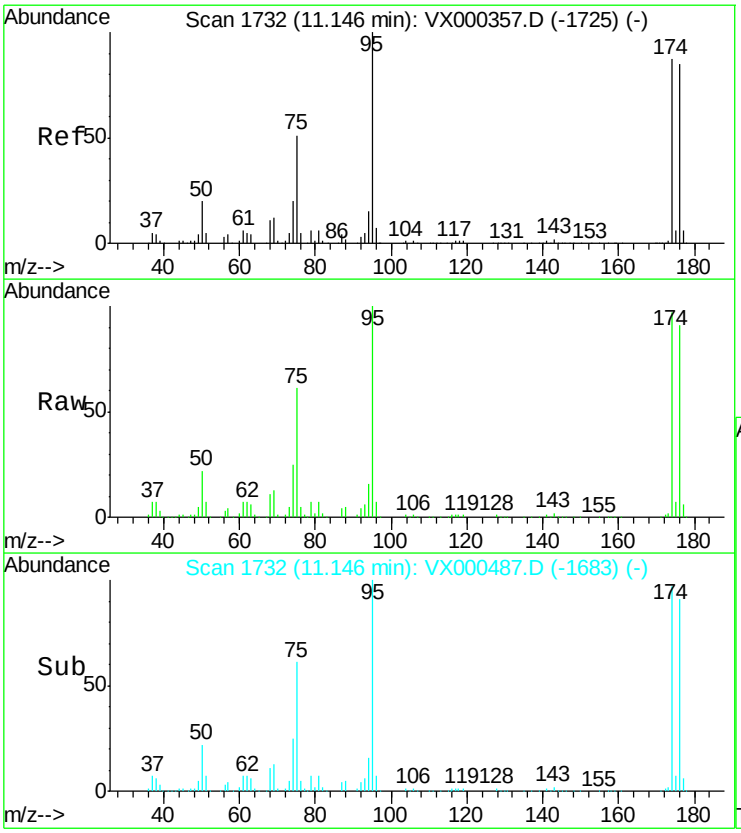
#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion: 43 Resp: 596

Ion	Ratio	Lower	Upper
43	100		
58	34.4	30.3	45.5

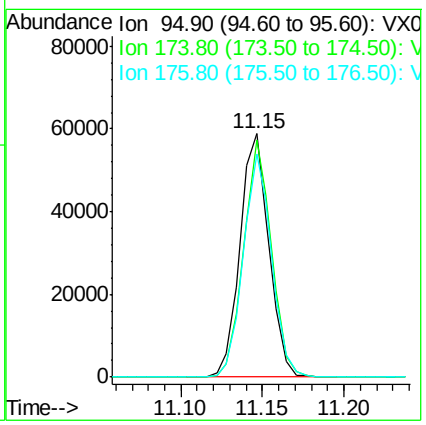


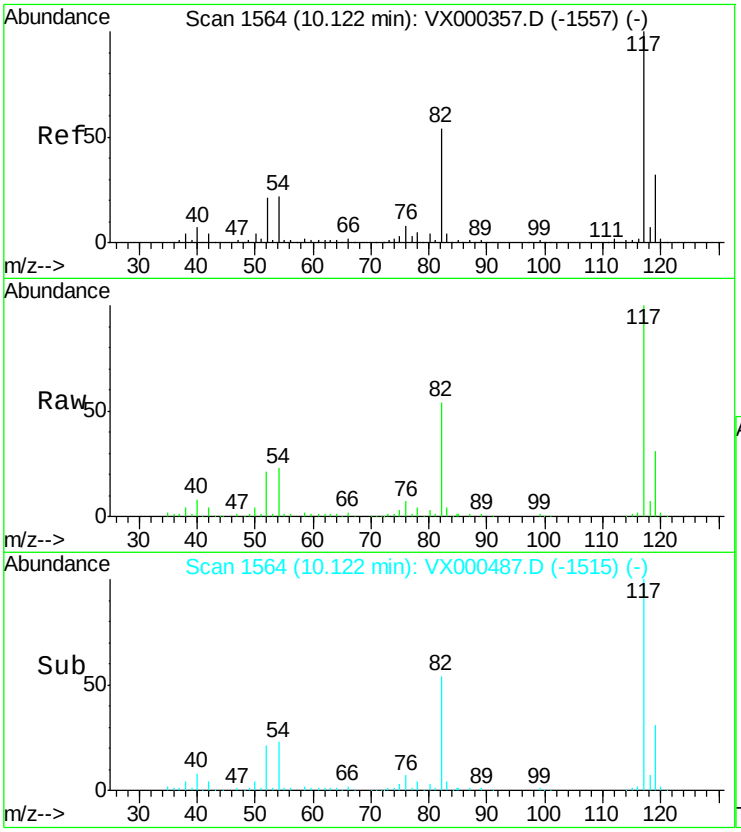


#62
4-Bromofluorobenzene
Concen: 38.91 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 95 Resp: 72525

Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	173.6
176	89.8	0.0	164.6



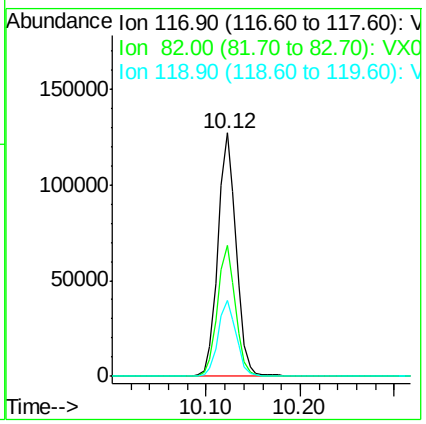


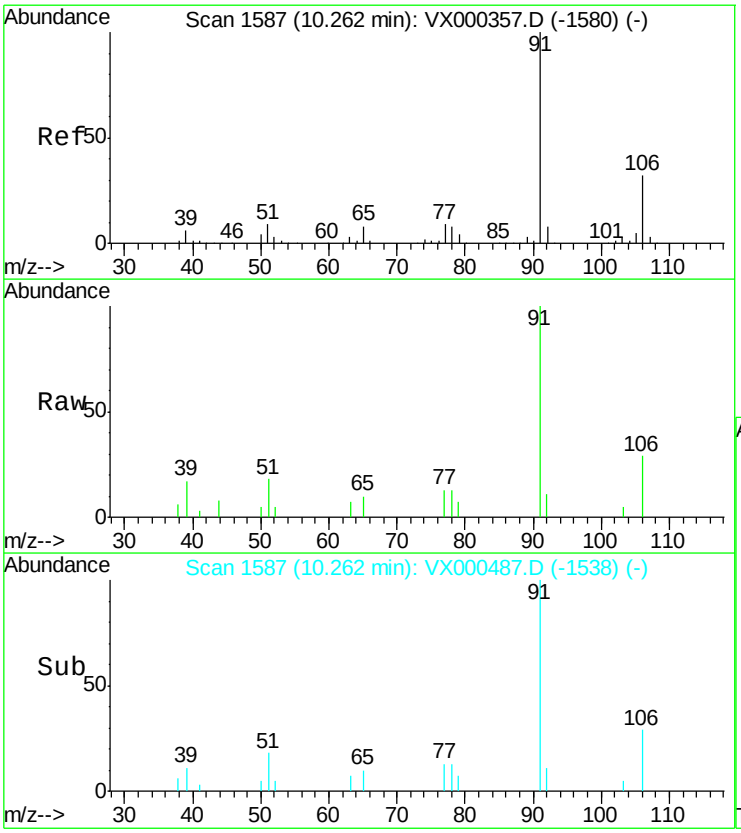
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion:117 Resp: 170536

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.8	65.8
119	31.2	24.9	37.3

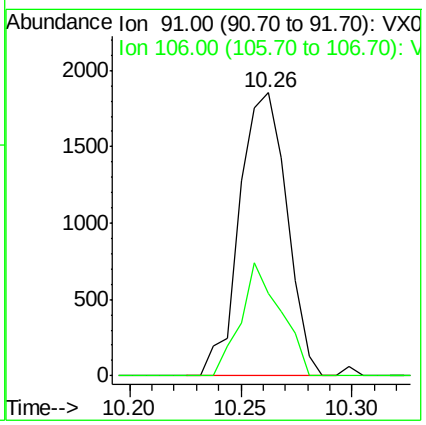


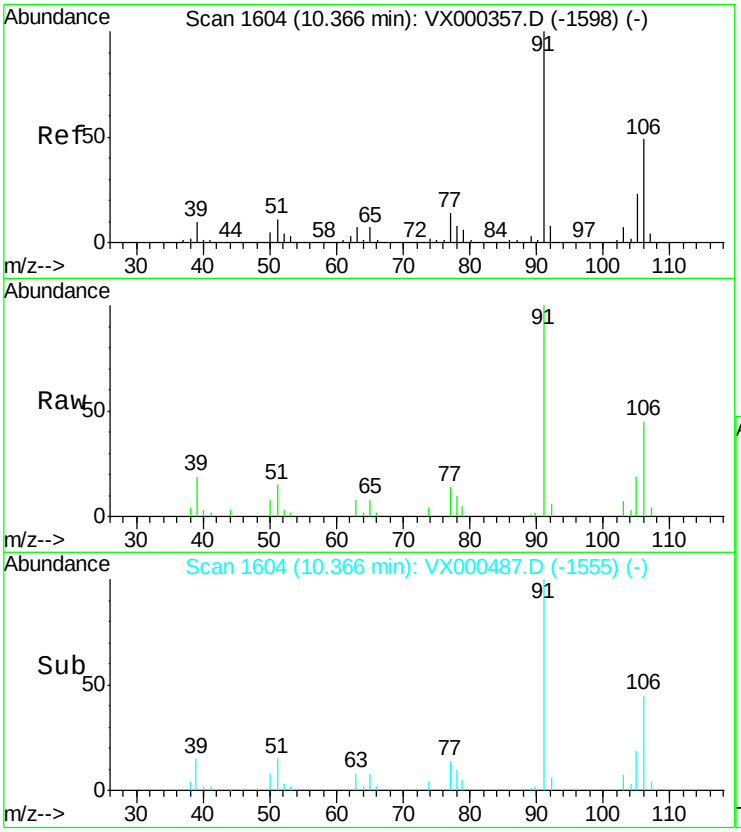


#67
Ethyl Benzene
Concen: 0.43 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 91 Resp: 2748

Ion	Ratio	Lower	Upper
91	100		
106	29.3	25.0	37.6



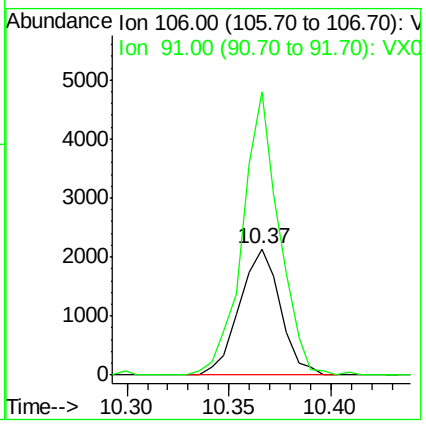


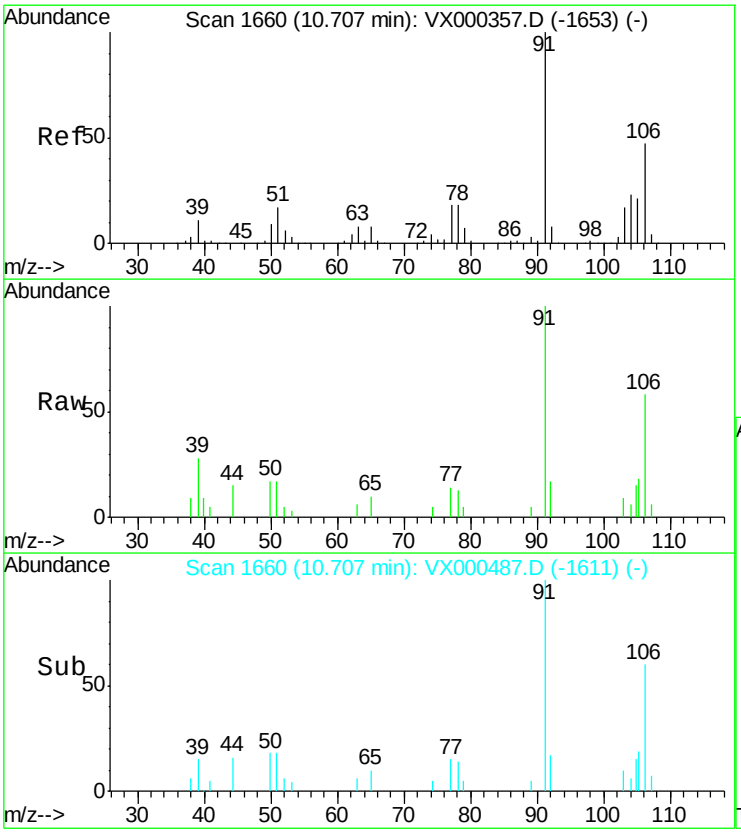
#68
m/p-Xylenes
Concen: 1.17 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion:106 Resp: 2971

Ion	Ratio	Lower	Upper
106	100		
91	202.4	163.4	245.2

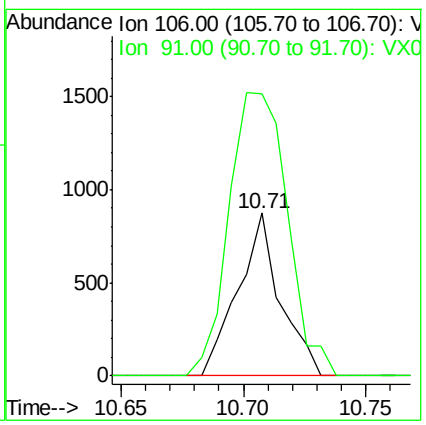


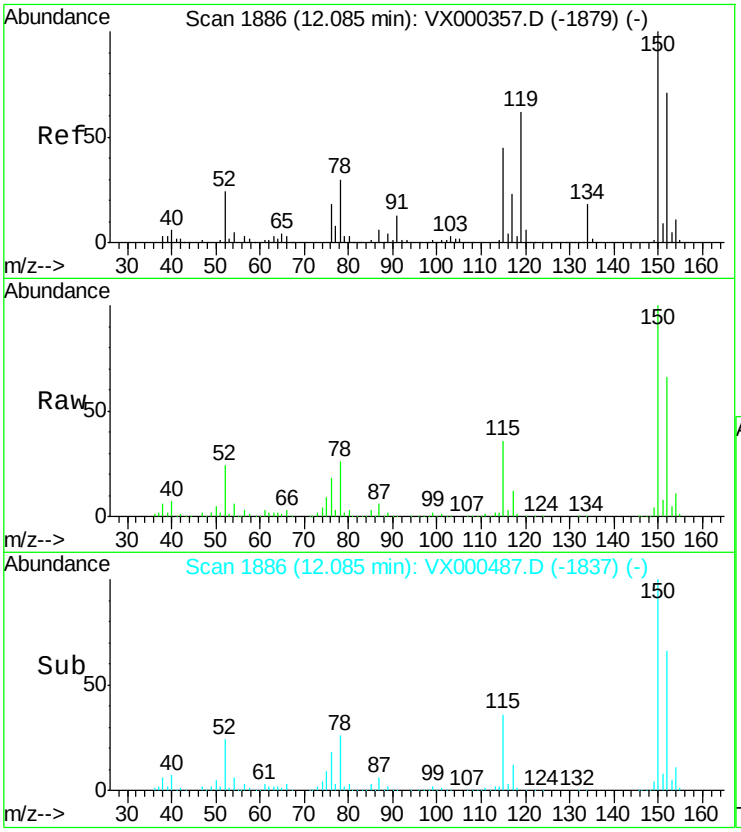


#69
o-Xylene
Concen: 0.43 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion:106 Resp: 1053

Ion	Ratio	Lower	Upper
106	100		
91	239.5	106.5	319.6



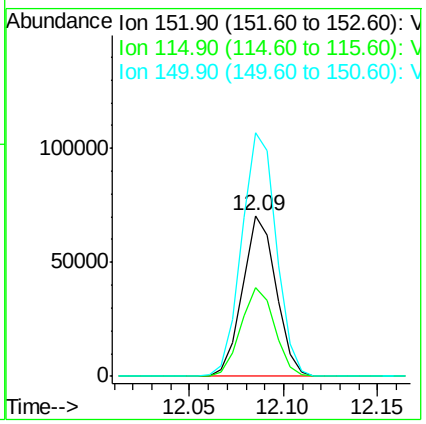


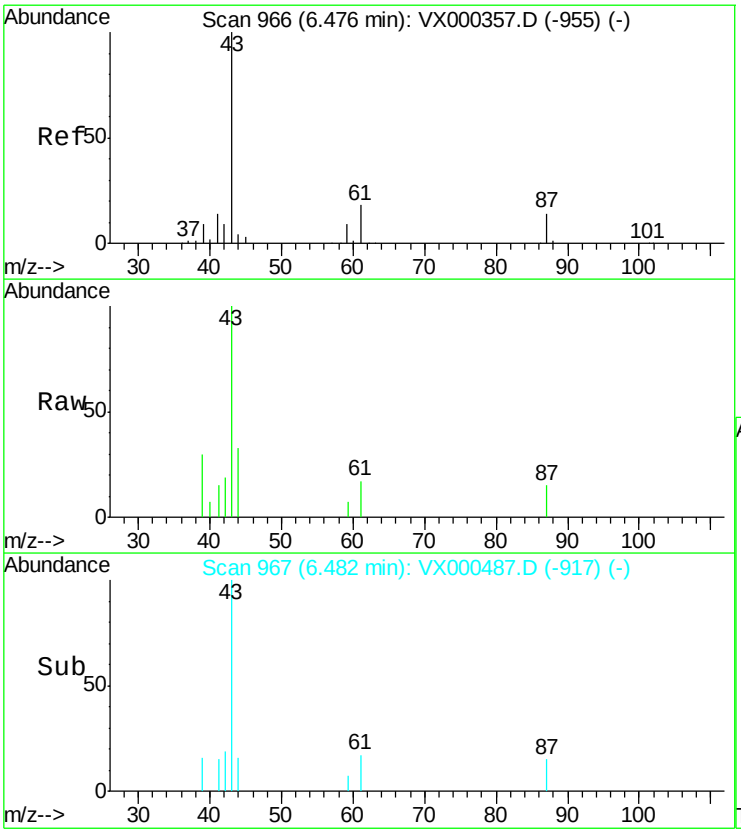
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion:152 Resp: 86917

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.8	119.3
150	156.1	0.0	344.4

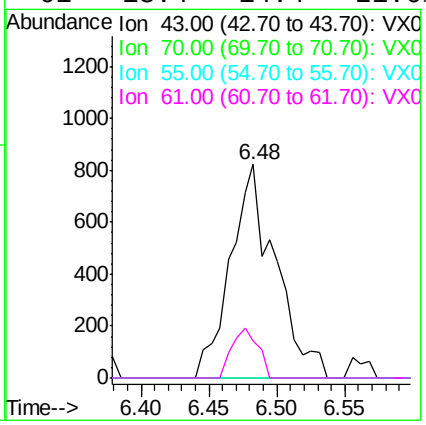


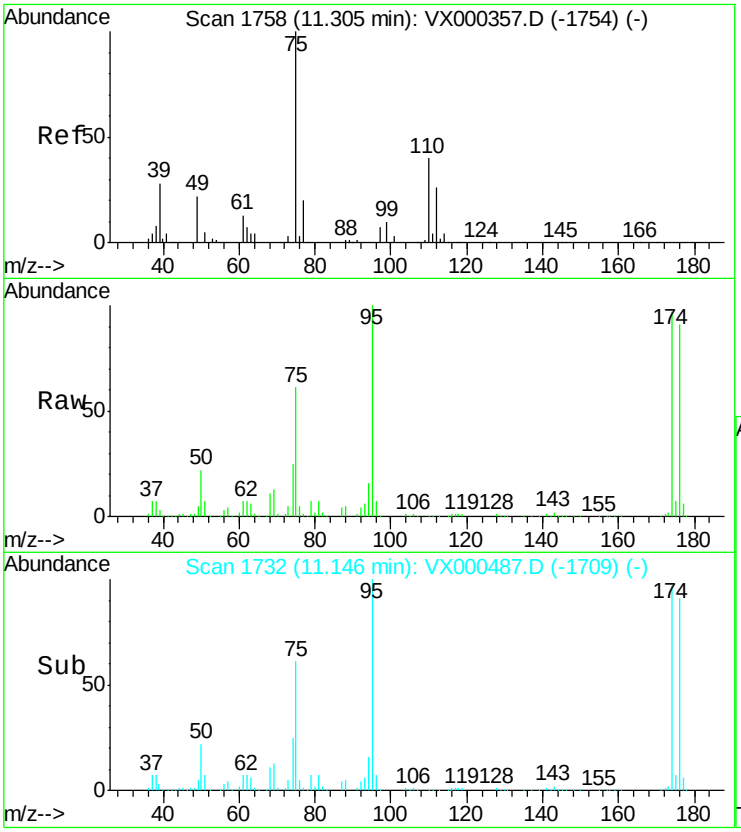


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 43 Resp: 1891

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	13.4	14.4	21.6#



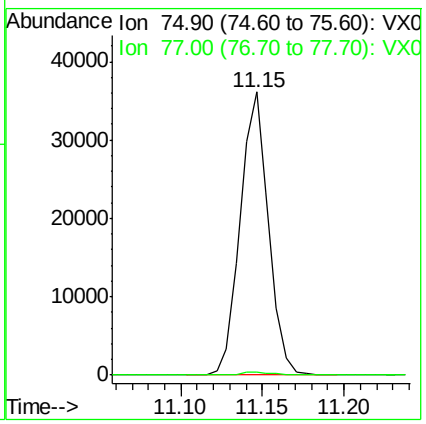


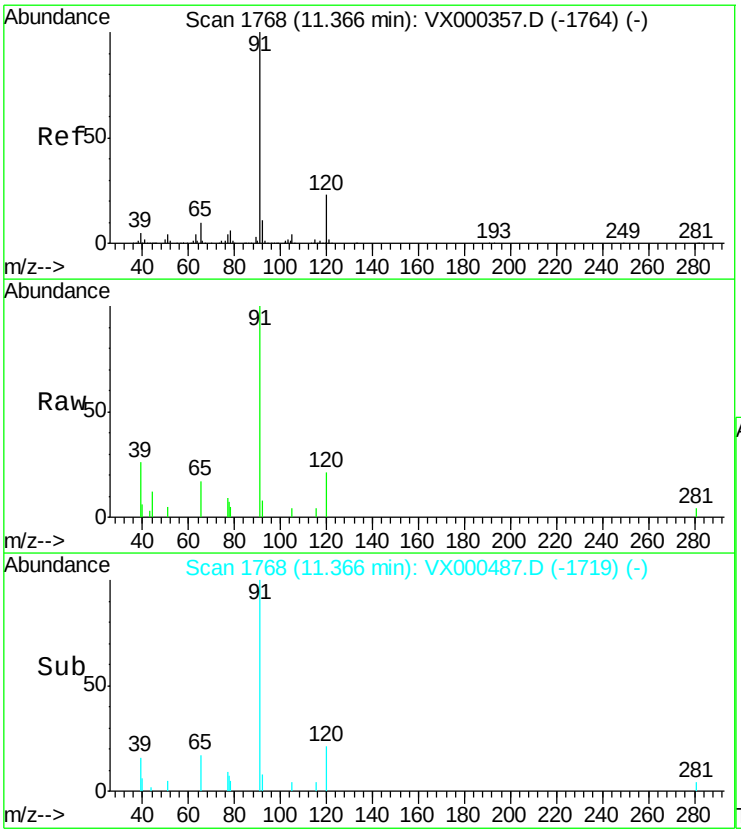
#76
1,2,3-Trichloropropane
Concen: 23.30 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion: 75 Resp: 43532

Ion	Ratio	Lower	Upper
75	100		
77	0.9	21.4	64.2#

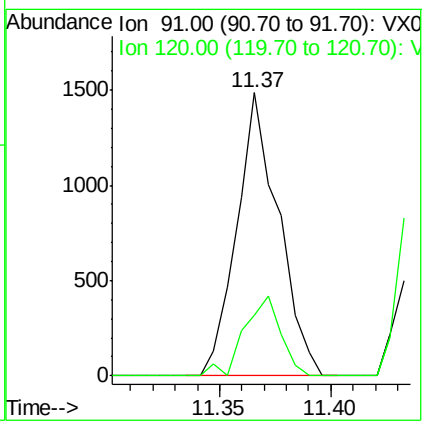


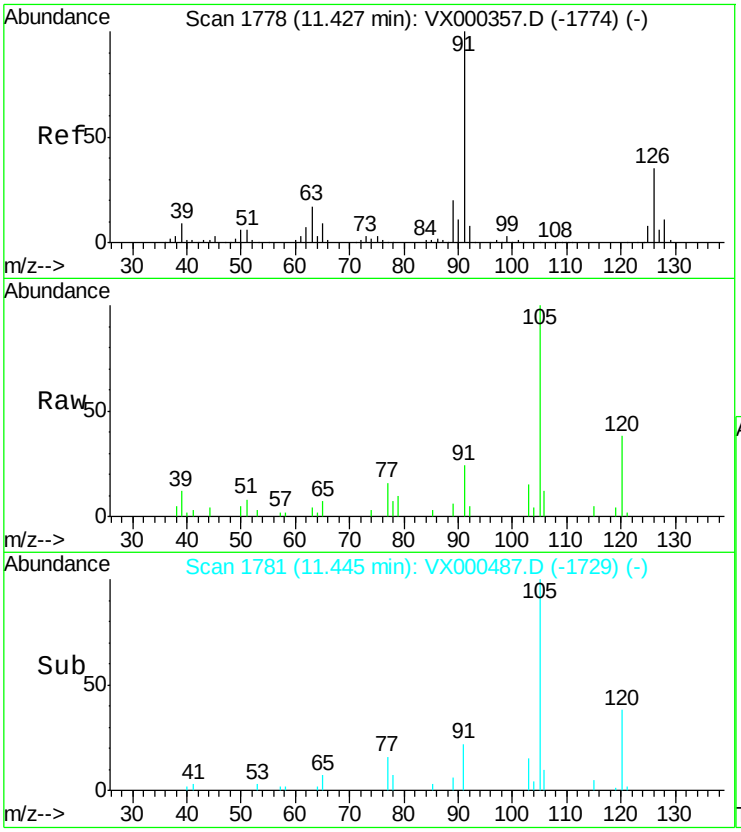


#78
n-propylbenzene
Concen: 0.28 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion: 91 Resp: 1941

Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.8	35.3



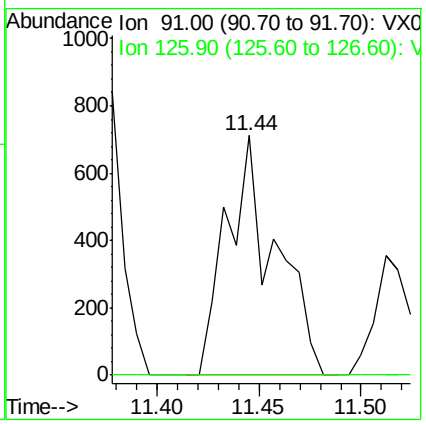


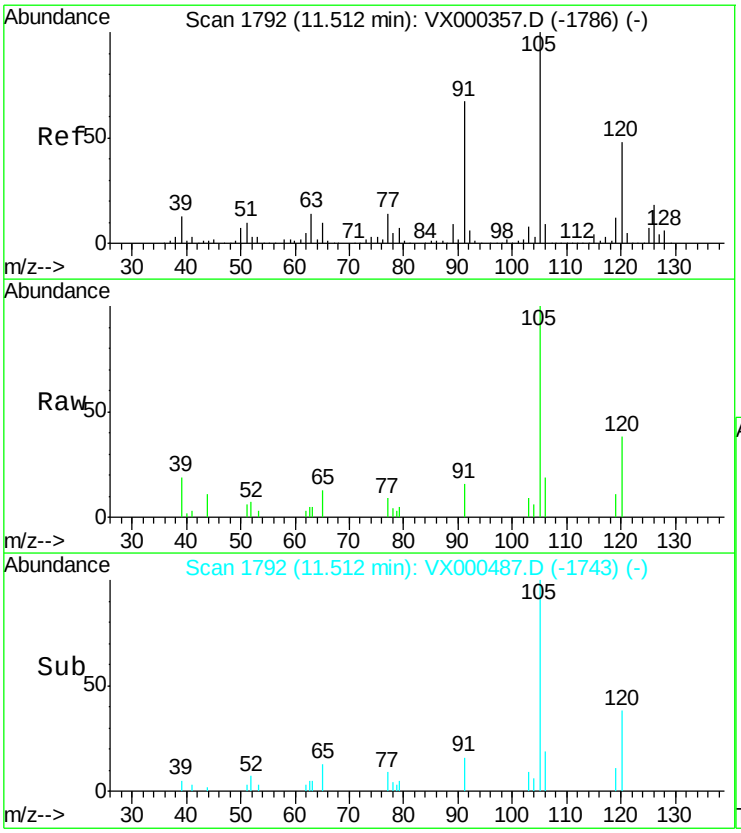
#79
2-Chlorotoluene
Concen: 0.30 ug/l
RT: 11.44 min Scan# 1781
Delta R.T. 0.02 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument : MSVOA_X
ClientSampleId : CL-02-032718-C

Tgt Ion: 91 Resp: 1181

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.7	53.1#

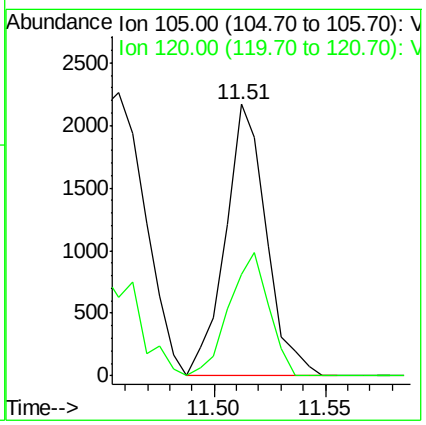


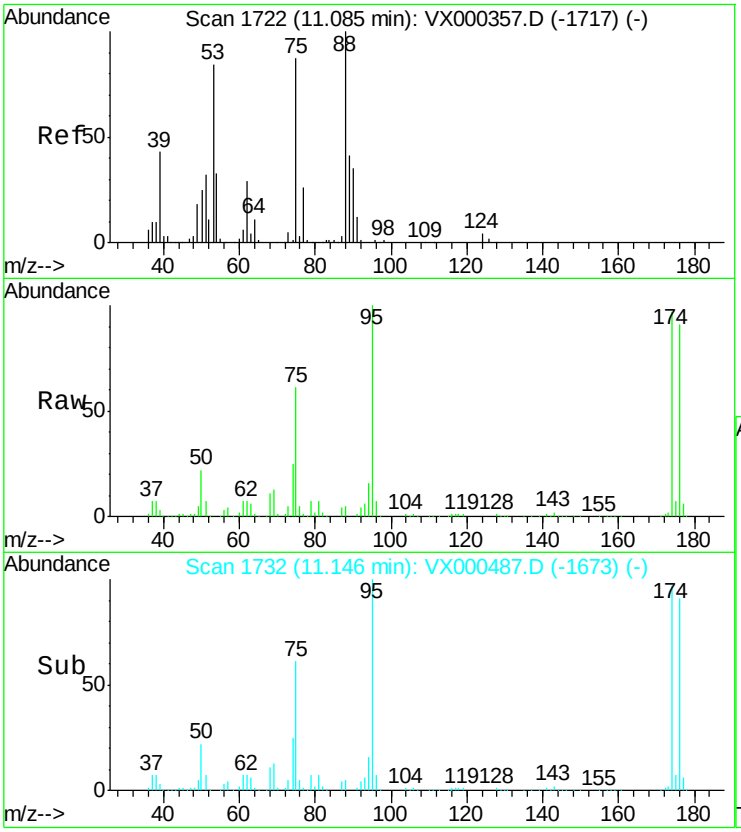


#80
1,3,5-Trimethylbenzene
Concen: 0.57 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion:105 Resp: 2776

Ion	Ratio	Lower	Upper
105	100		
120	43.9	24.1	72.4



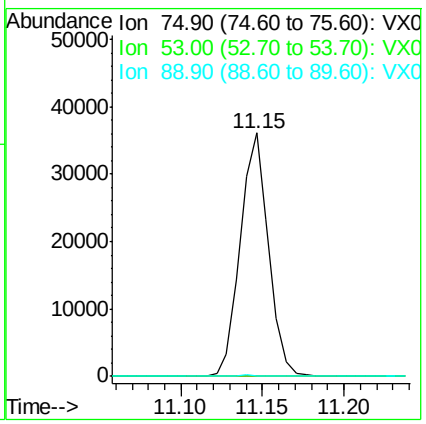


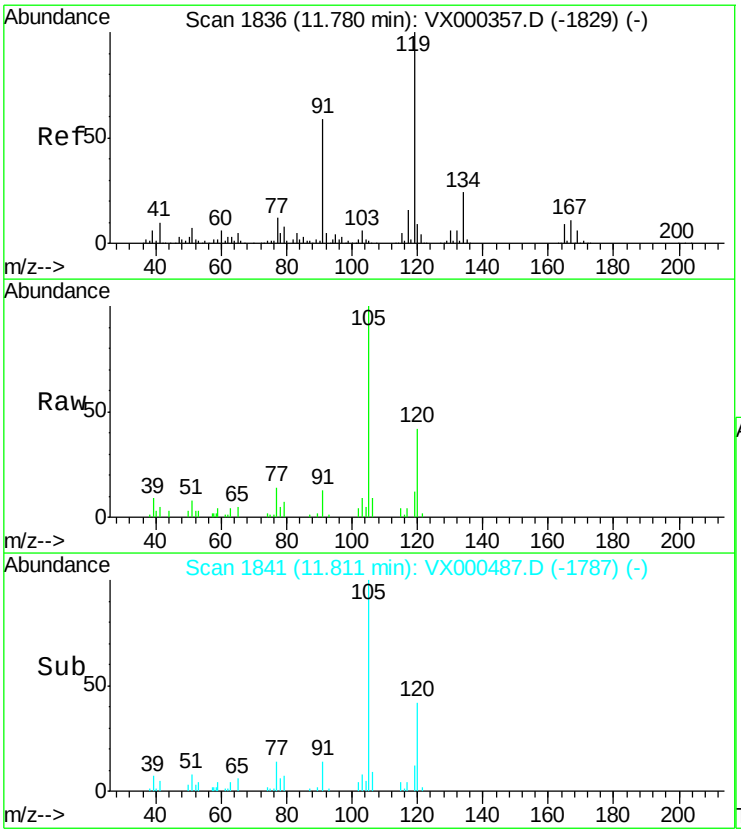
#81
trans-1,4-Dichloro-2-butene
Concen: 75.45 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion: 75 Resp: 43532

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

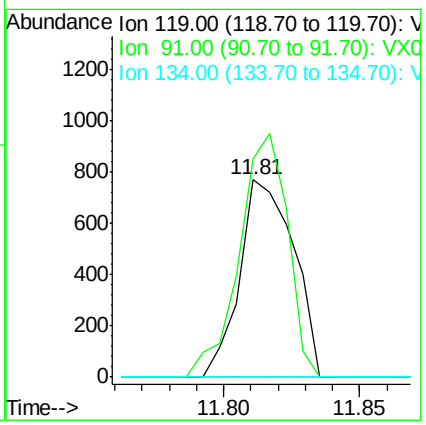


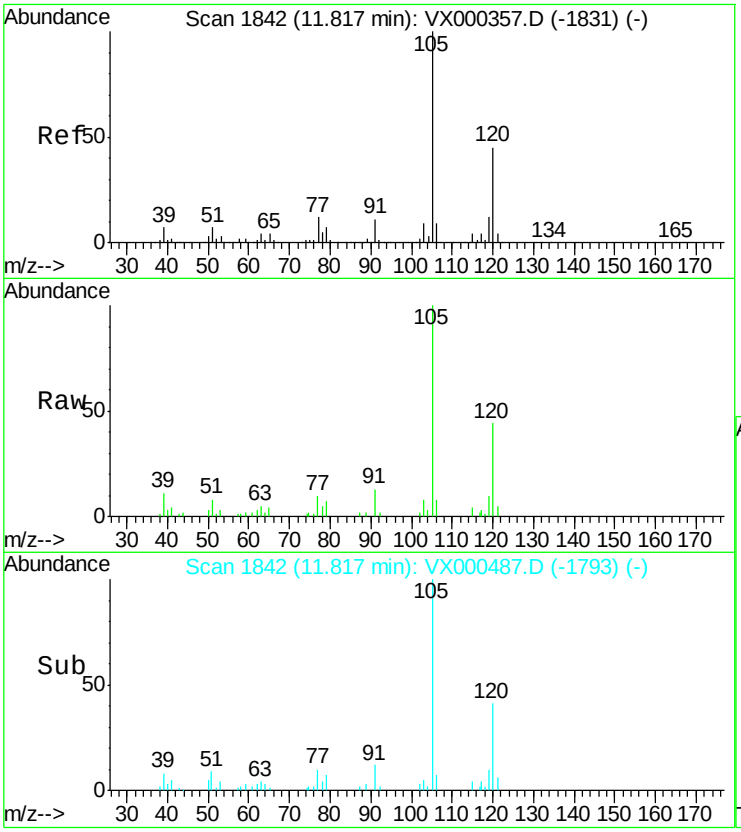


#83
tert-Butylbenzene
Concen: 0.22 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.03 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion:119 Resp: 1055

Ion	Ratio	Lower	Upper
119	100		
91	110.4	28.8	86.4#
134	0.0	11.4	34.1#



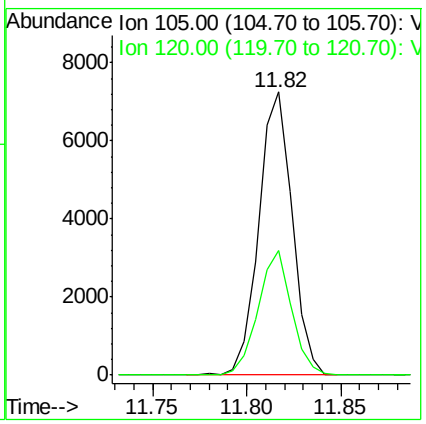


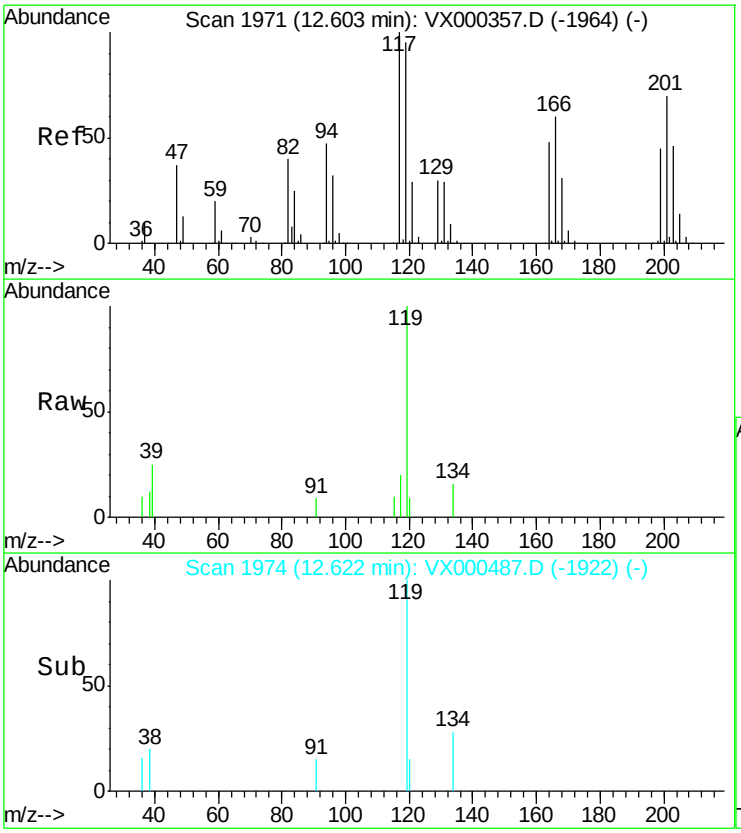
#84
1,2,4-Trimethylbenzene
Concen: 1.75 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion:105 Resp: 8883

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.3

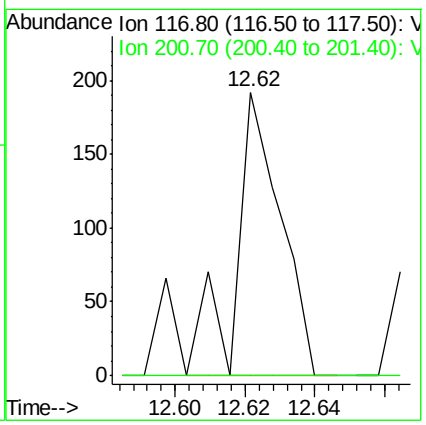


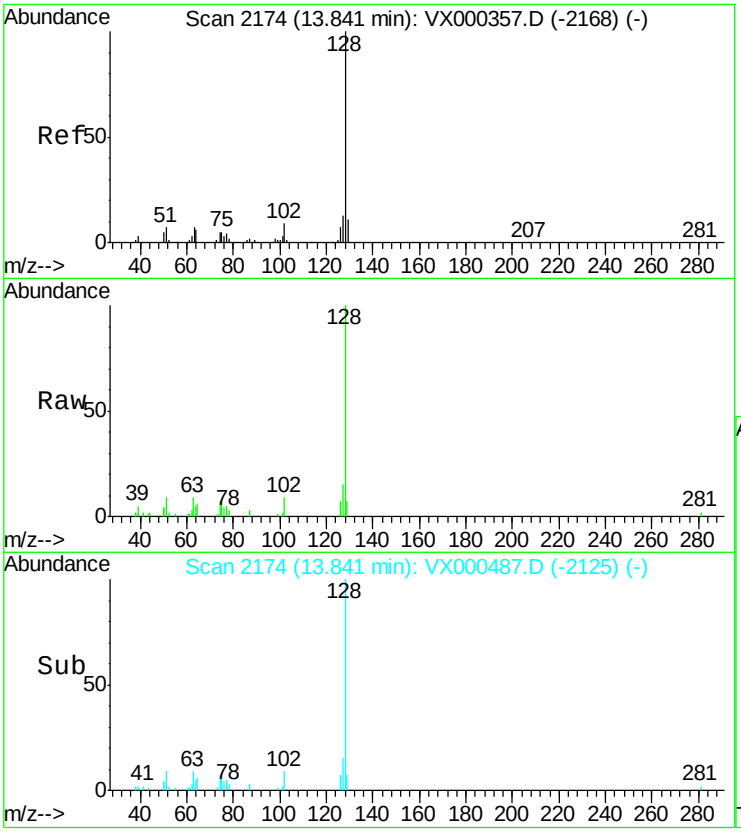


#90
Hexachloroethane
Concen: 0.20 ug/l
RT: 12.62 min Scan# 1974
Delta R.T. 0.02 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Tgt Ion:117 Resp: 172

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.9	113.6#





#95
Naphthalene
Concen: 1.16 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000487.D
Acq: 28 Mar 2018 14:35

Instrument :
MSVOA_X
ClientSampleId :
CL-02-032718-C

Tgt Ion:128 Resp: 8210

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	15.8
129	8.3	8.9	13.3#