Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071818\
Data File : VX003453.D
Acq On : 18 Jul 2018 17:48
Operator : JC/MD
Sample : J4013-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:42:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	307103	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	431174	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	406270	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224830	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	177925	44.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.48%				
35) Dibromofluoromethane	5.51	113	162487	46.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.16%				
50) Toluene-d8	8.72	98	612119	47.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.10%				
62) 4-Bromofluorobenzene	11.14	95	209828	45.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.30%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	830	0.22	ug/l		99
5) Bromomethane	1.65	94	2178	Below Cal			97
6) Chloroethane	1.72	64	115	Below Cal		#	43
10) Methyl Iodide	2.51	142	1800	0.49	ug/l		95
11) Tert butyl alcohol	3.08	59	444	0.49	ug/l	#	90
13) Acrolein	2.30	56	104	0.24	ug/l	#	1
16) Acetone	2.45	43	17688	10.57	ug/l		90
18) Methyl Acetate	2.78	43	24950	4.58	ug/l		93
20) Methylene Chloride	2.86	84	170909	56.85	ug/l		90
25) 2-Butanone	4.71	43	5561	2.12	ug/l	#	81
29) Tetrahydrofuran	5.18	42	2162	1.30	ug/l	#	83
30) Chloroform	5.21	83	1836	0.31	ug/l		98
31) Cyclohexane	5.67	56	4739	0.95	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	17668	4.05	ug/l	#	50
37) Ethyl Acetate	4.71	43	5561	1.13	ug/l	#	70
38) Carbon Tetrachloride	5.67	117	25679	5.78	ug/l	#	15
41) Methacrylonitrile	5.17	41	1284	0.47	ug/l	#	53
47) Bromodichloromethane	7.90	83	919	0.22	ug/l	#	84
51) 4-Methyl-2-Pentanone	8.65	43	1649	0.34	ug/l		93
68) m/p-Xylenes	10.36	106	1682	0.28	ug/l		96
76) 1,2,3-Trichloropropane	11.14	75	98590	24.22	ug/l	#	33
78) n-propylbenzene	11.37	91	3483	0.22	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	2783	0.24	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.14	75	98590	78.69	ug/l	#	6
84) 1,2,4-Trimethylbenzene	11.81	105	7164	0.59	ug/l		99
89) n-Butylbenzene	12.39	91	2769	0.26	ug/l	#	64
90) Hexachloroethane	12.59	117	464	0.25	ug/l	#	1
93) 1,2,4-Trichlorobenzene	13.65	180	1112	0.22	ug/l	#	71
95) Naphthalene	13.84	128	426091	28.90	ug/l		99

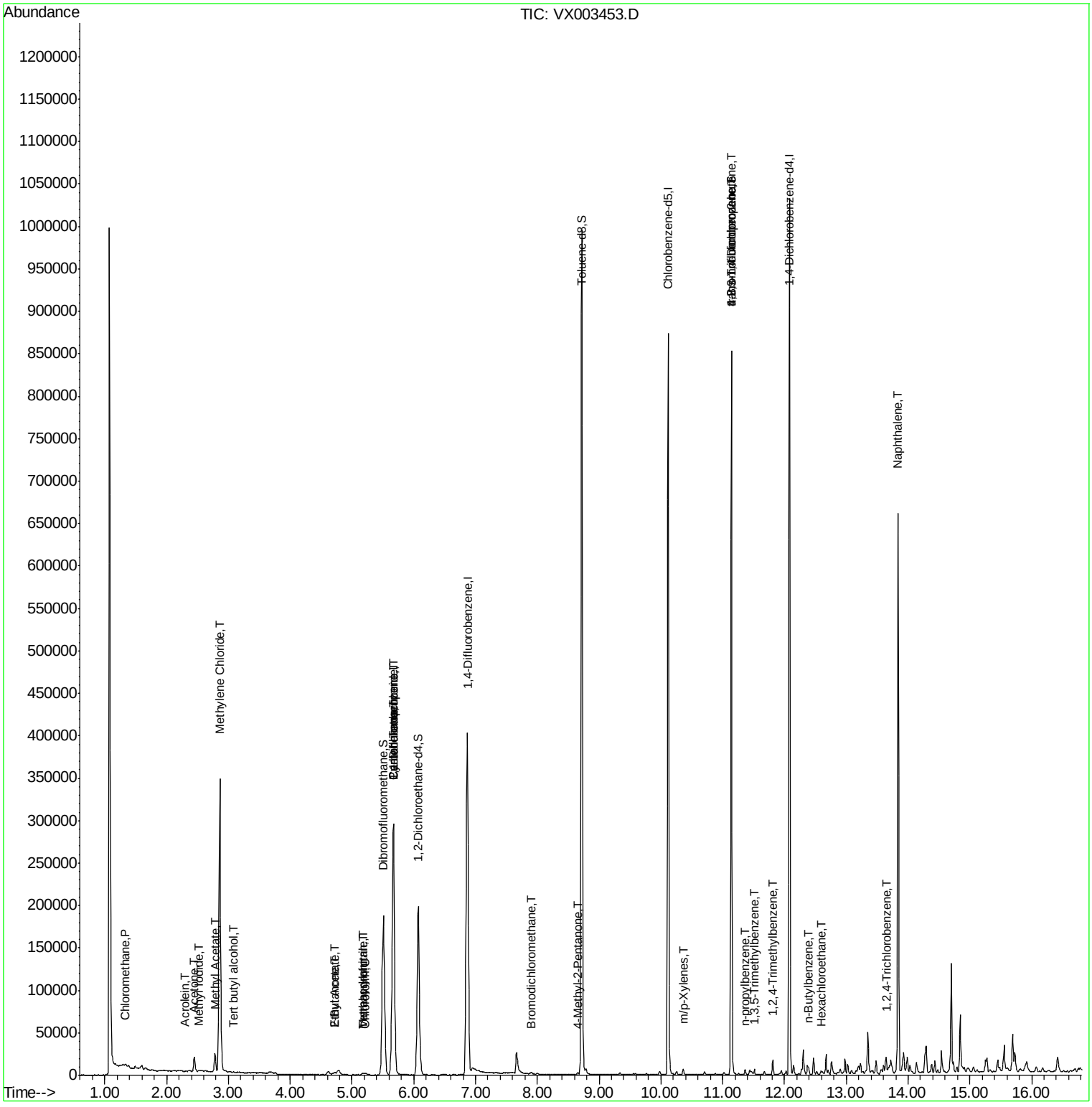
(#) = qualifier out of range (m) = manual integration (+) = signals summed

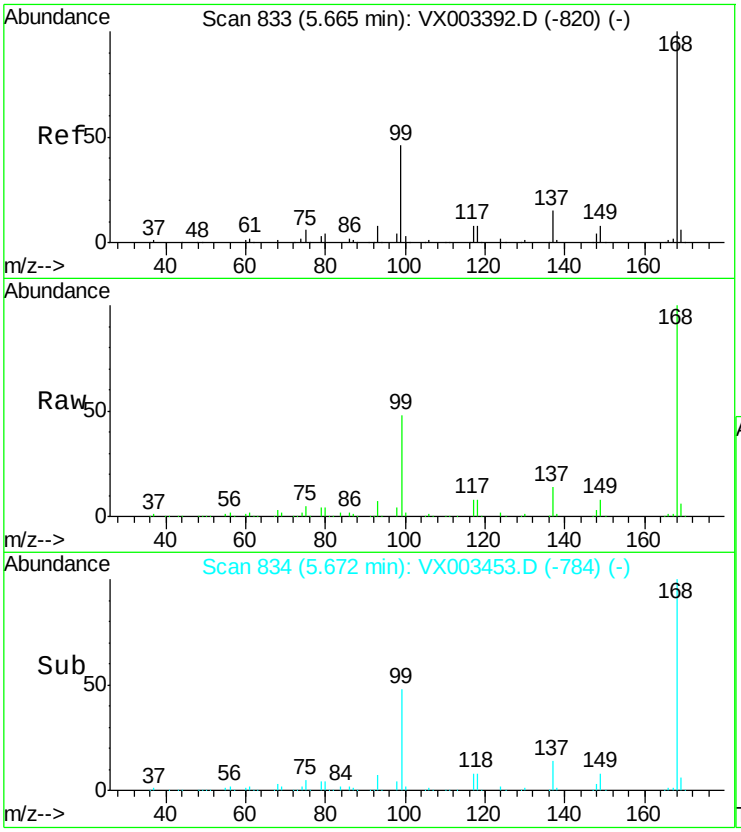
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
Data File : VX003453.D
Acq On : 18 Jul 2018 17:48
Operator : JC/MD
Sample : J4013-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:42:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration



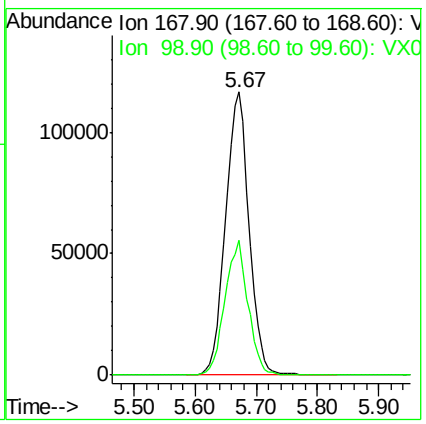


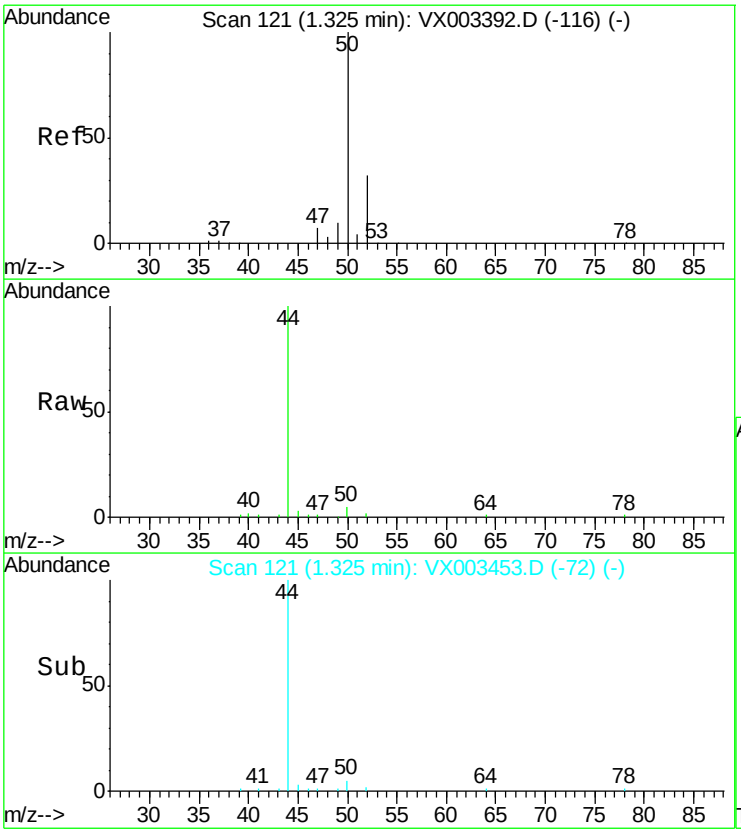
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 307103

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.3	58.9

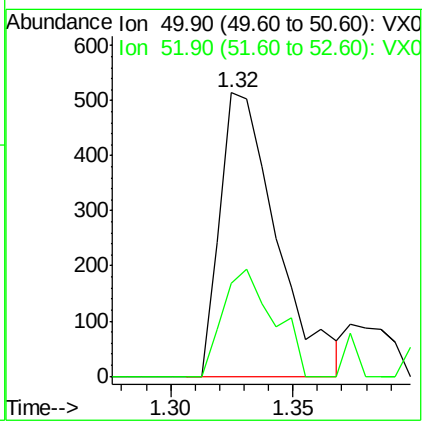


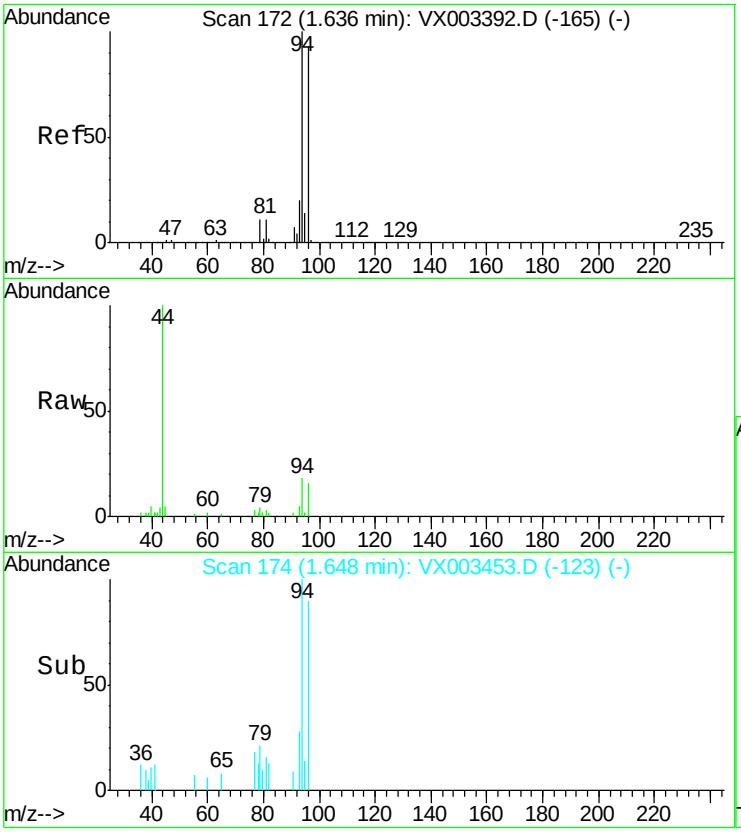


#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 50 Resp: 830

Ion	Ratio	Lower	Upper
50	100		
52	32.7	25.7	38.5



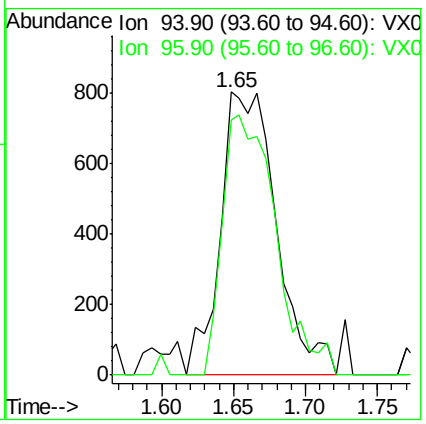


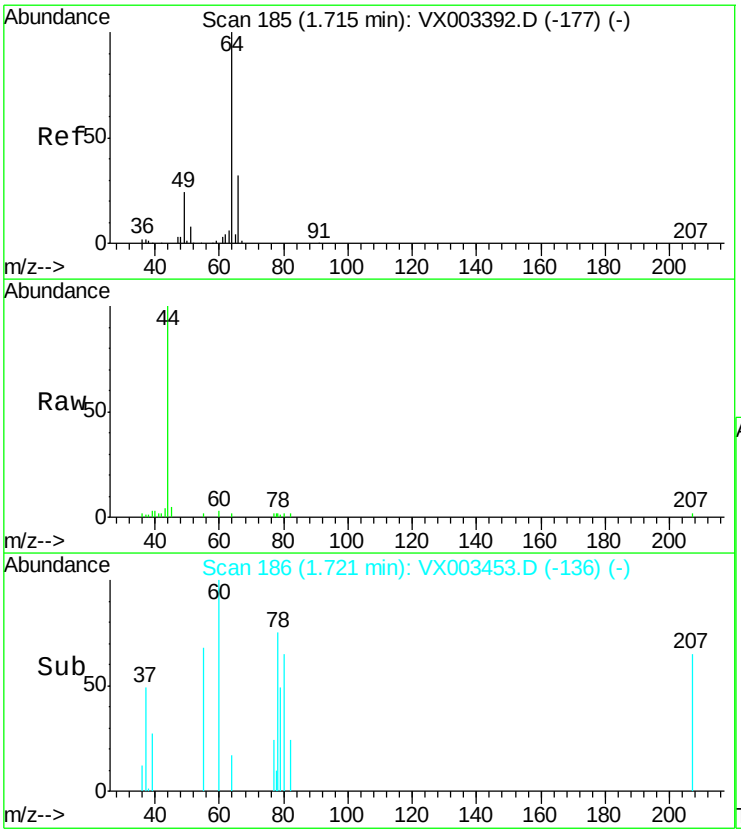
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 2178

Ion	Ratio	Lower	Upper
94	100		
96	90.4	74.9	112.3

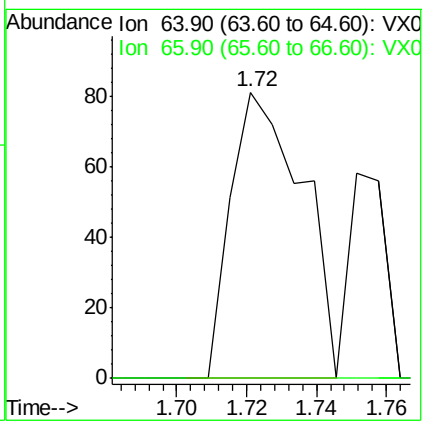


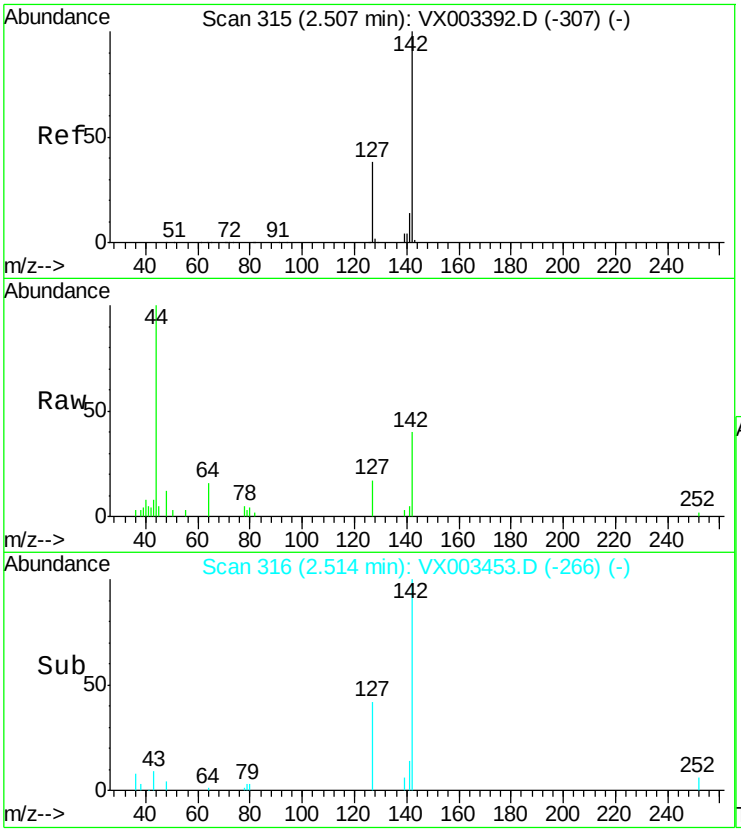


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 186
Delta R.T. 0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 64 Resp: 115

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



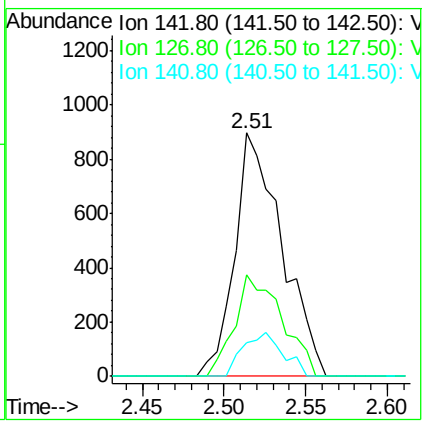


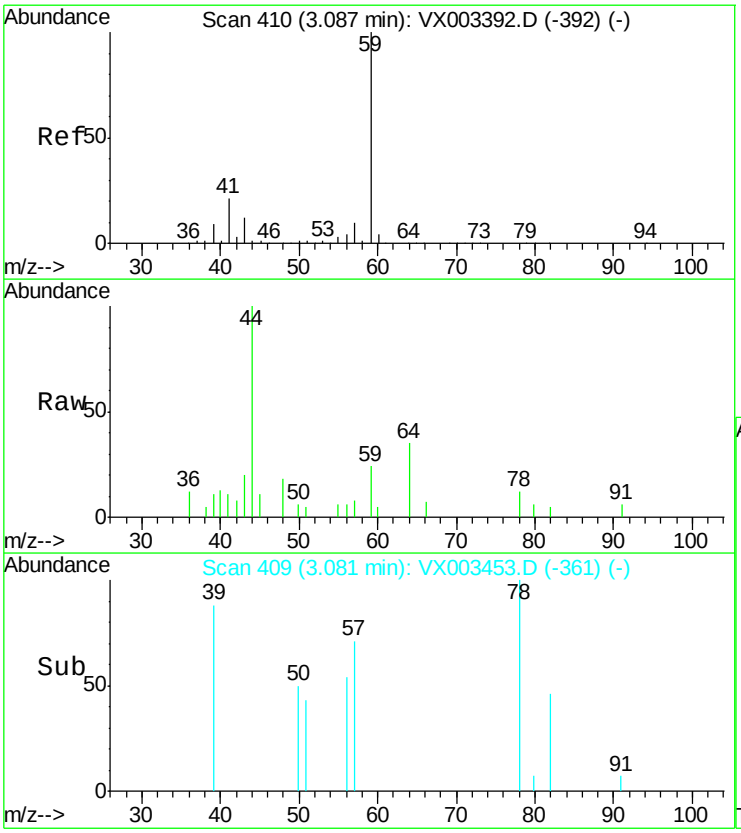
#10
Methyl Iodide
Concen: 0.49 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1800

Ion	Ratio	Lower	Upper
142	100		
127	41.9	36.6	55.0
141	15.1	11.3	16.9

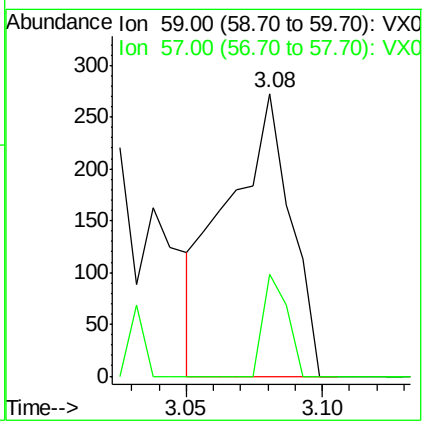


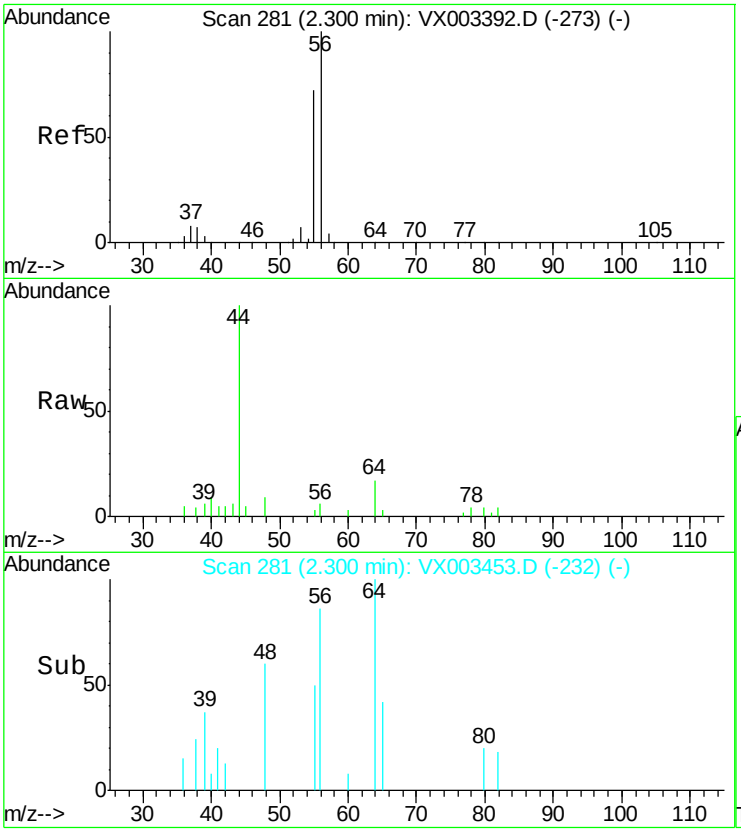


#11
Tert butyl alcohol
Concen: 0.49 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 59 Resp: 444

Ion	Ratio	Lower	Upper
59	100		
57	13.7	8.2	12.2#



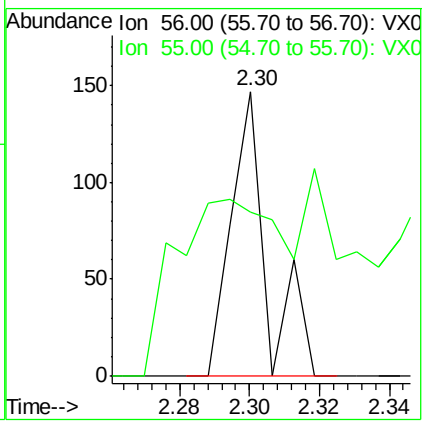


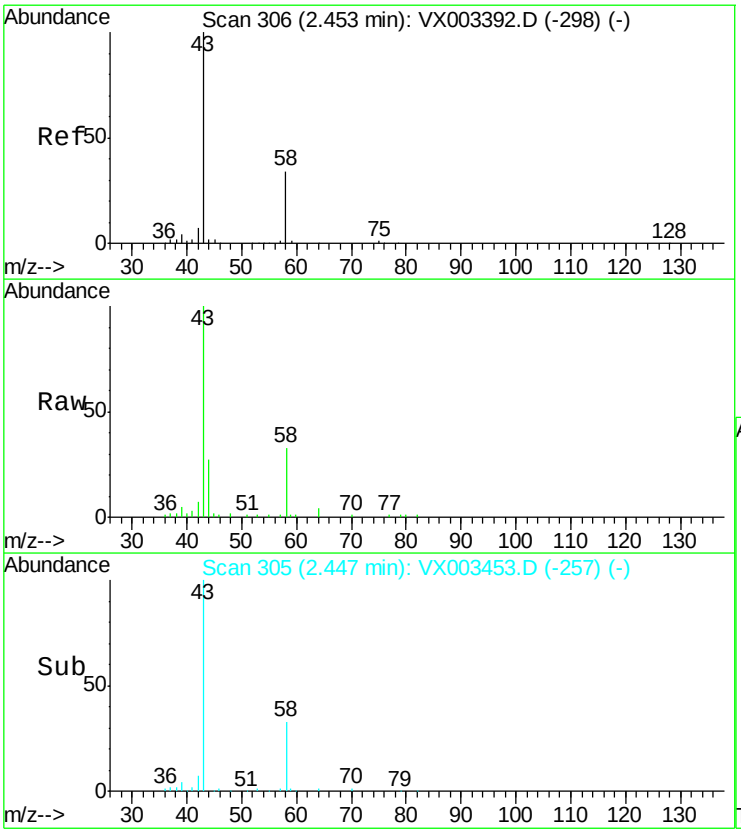
#13
Acrolein
Concen: 0.24 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 104

Ion	Ratio	Lower	Upper
56	100		
55	188.5	57.0	85.4#

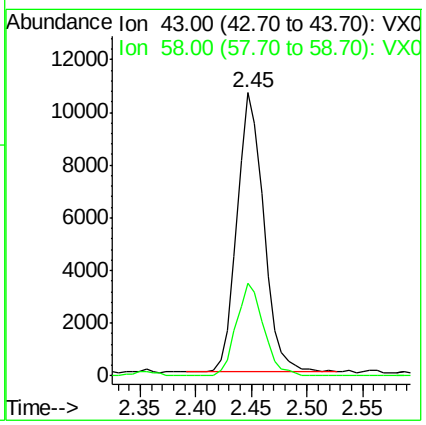


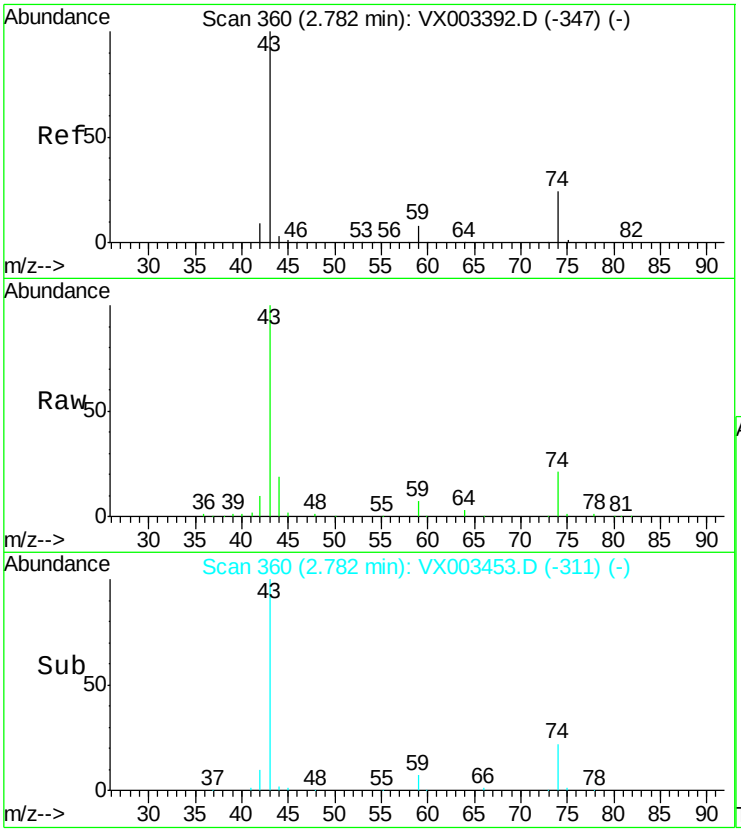


#16
Acetone
Concen: 10.57 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 43 Resp: 17688

Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.1	33.1



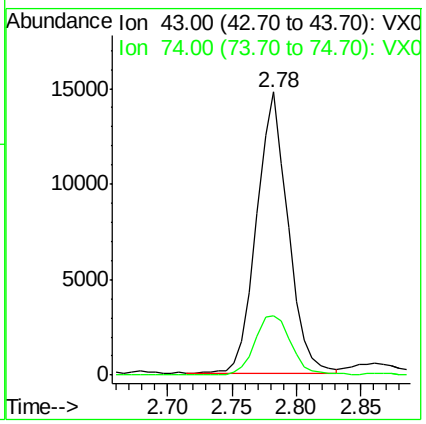


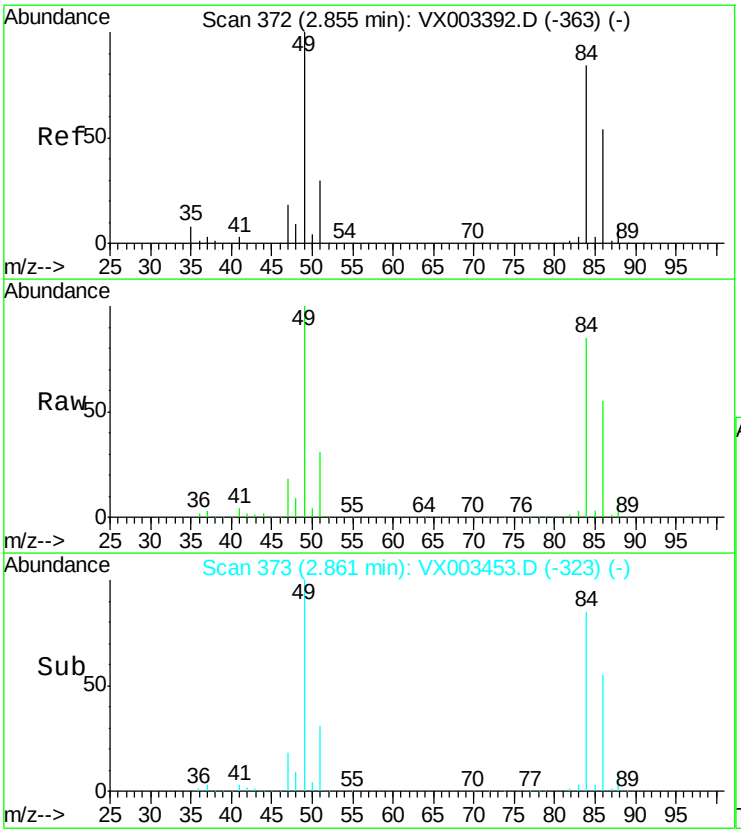
#18
Methyl Acetate
Concen: 4.58 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 24950

Ion	Ratio	Lower	Upper
43	100		
74	24.2	16.7	25.1

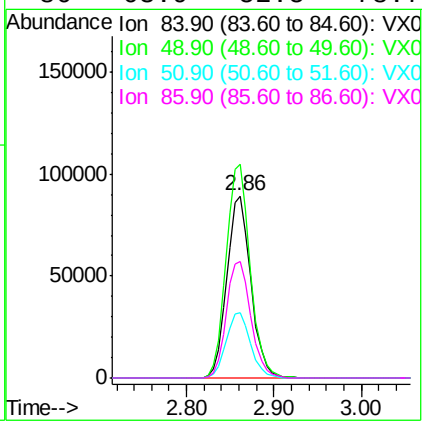


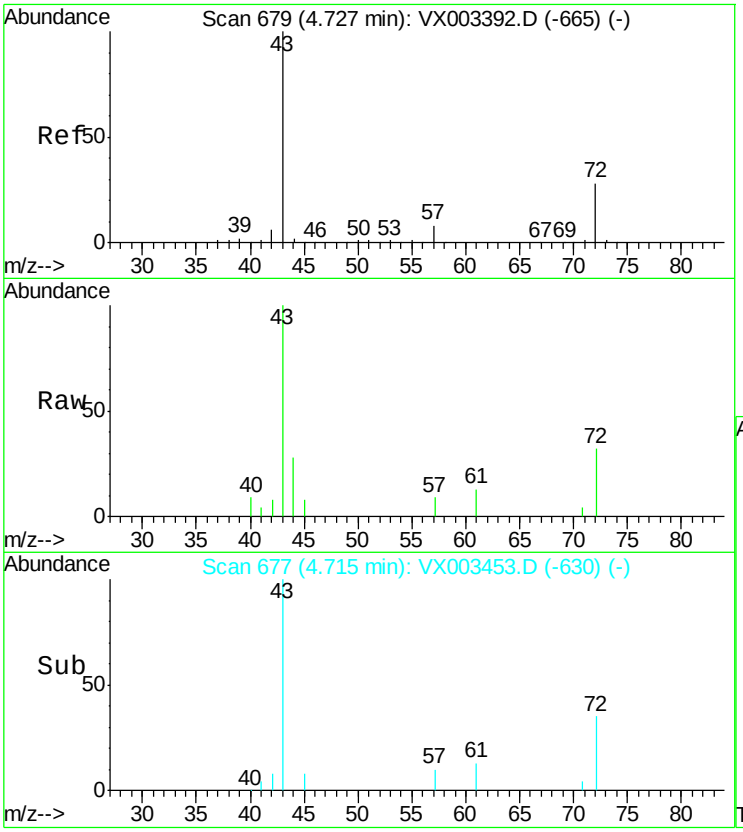


#20
Methylene Chloride
Concen: 56.85 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 84 Resp: 170909

Ion	Ratio	Lower	Upper
84	100		
49	117.3	107.8	161.6
51	36.1	32.8	49.2
86	63.9	52.5	78.7



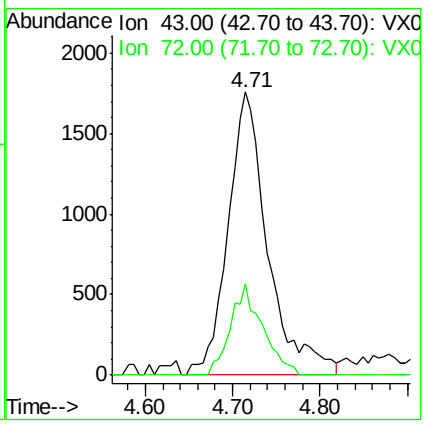


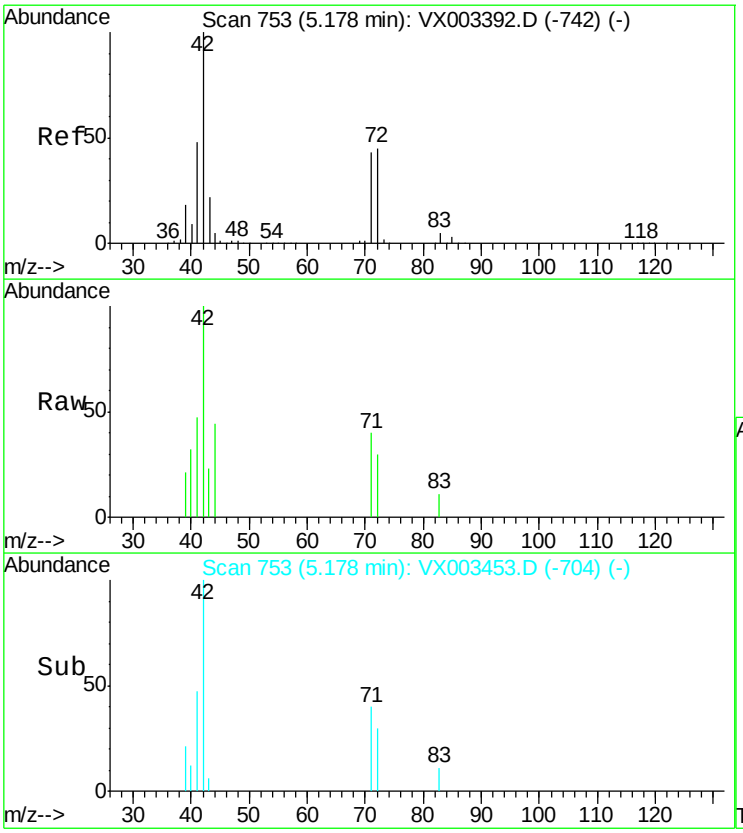
#25
2-Butanone
Concen: 2.12 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5561

Ion	Ratio	Lower	Upper
43	100		
72	32.2	18.5	27.7#

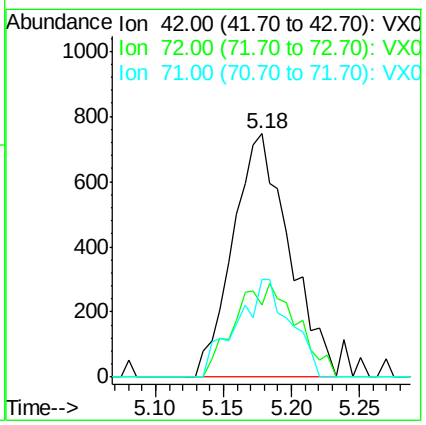


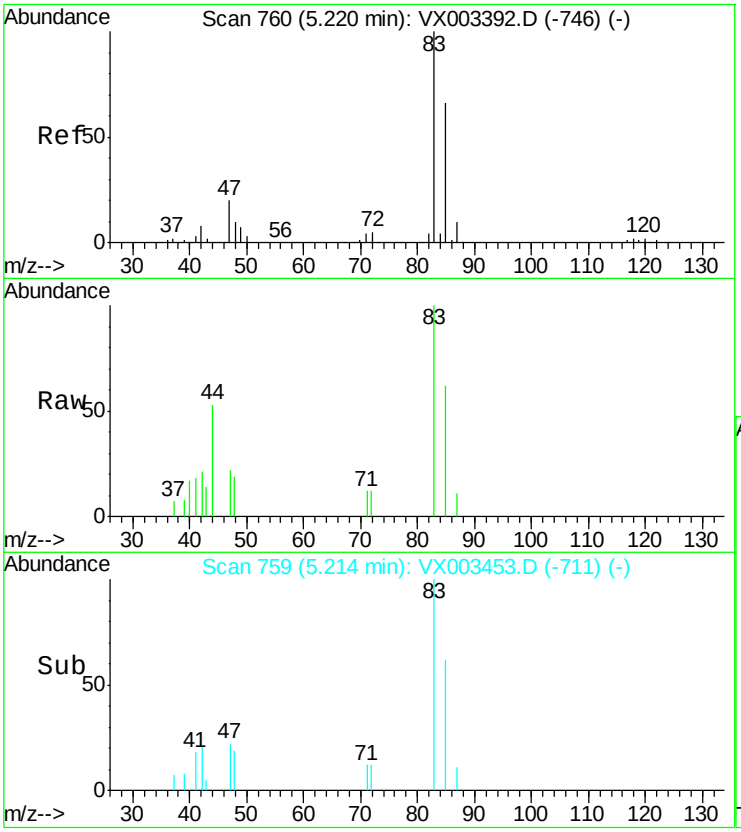


#29
Tetrahydrofuran
Concen: 1.30 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 42 Resp: 2162

Ion	Ratio	Lower	Upper
42	100		
72	20.4	32.0	48.0#
71	38.3	30.1	45.1



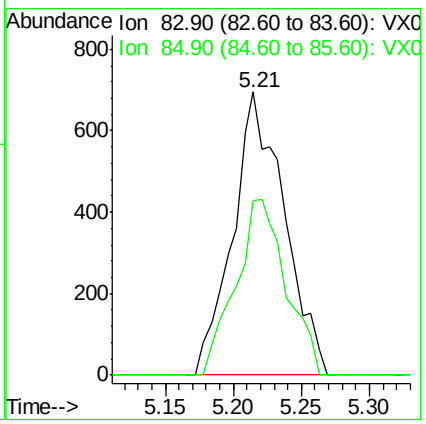


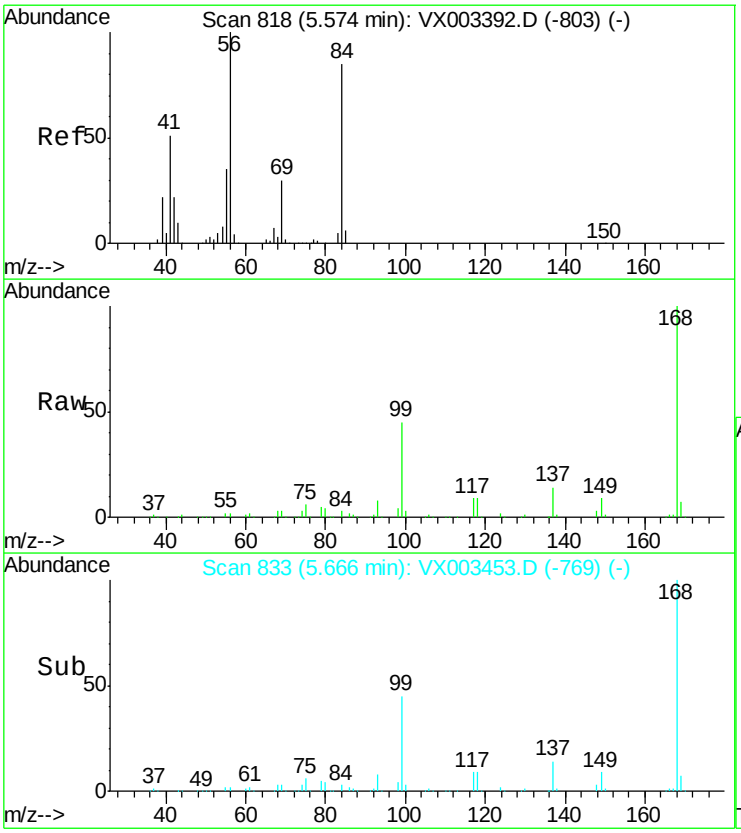
#30
Chloroform
Concen: 0.31 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1836

Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.4	75.6

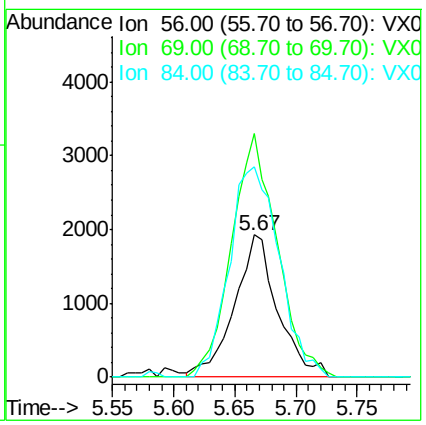


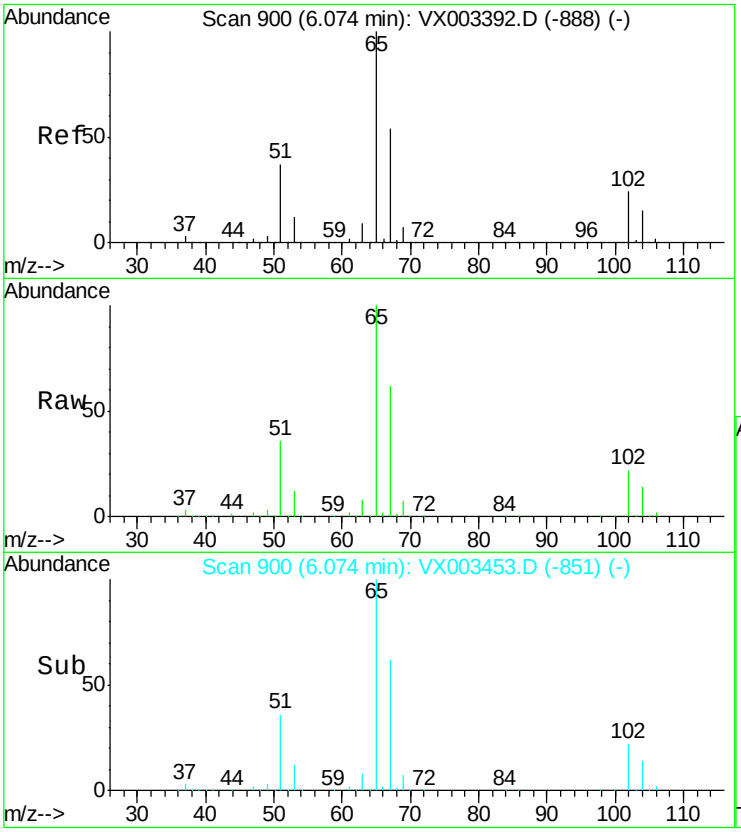


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 56 Resp: 4739

Ion	Ratio	Lower	Upper
56	100		
69	171.3	23.7	35.5#
84	147.9	64.1	96.1#



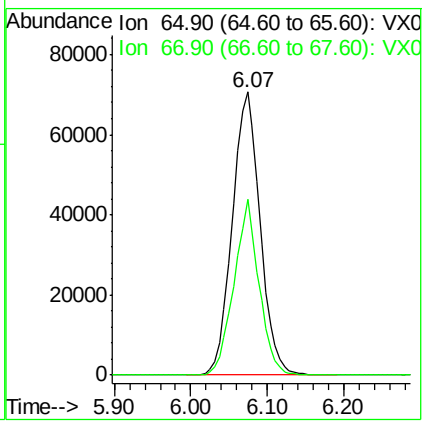


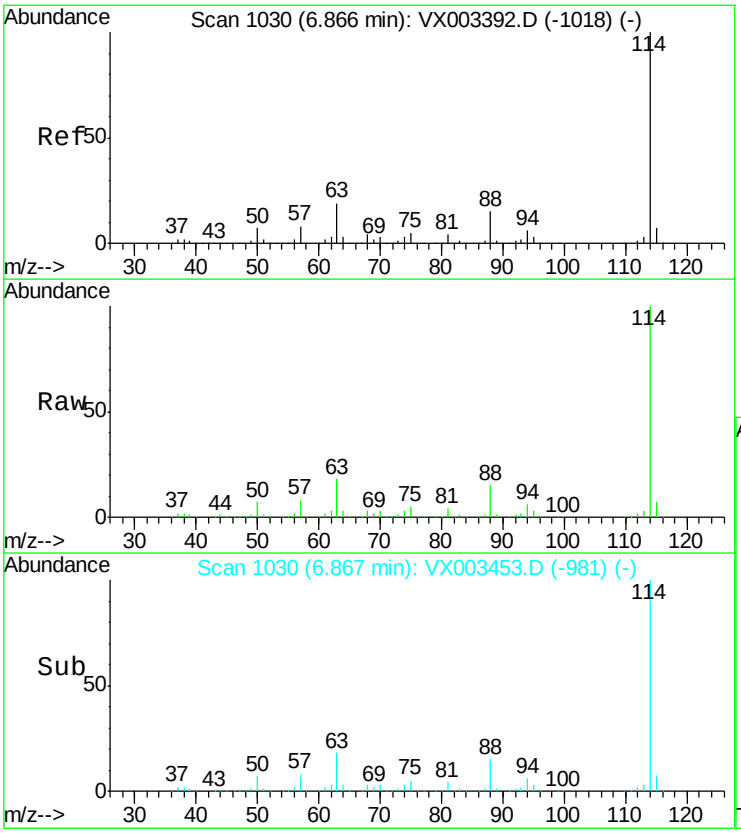
#33
1,2-Dichloroethane-d4
Concen: 44.24 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 177925

Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	102.6

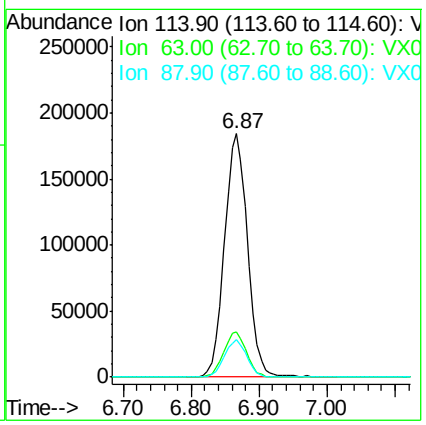


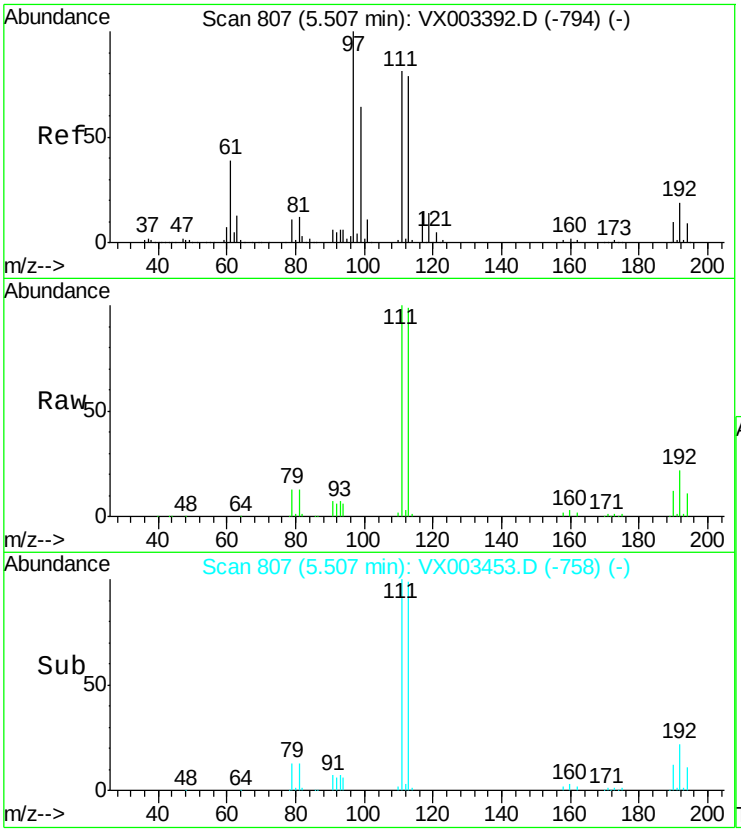


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion:114 Resp: 431174

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.4
88	15.3	0.0	30.0



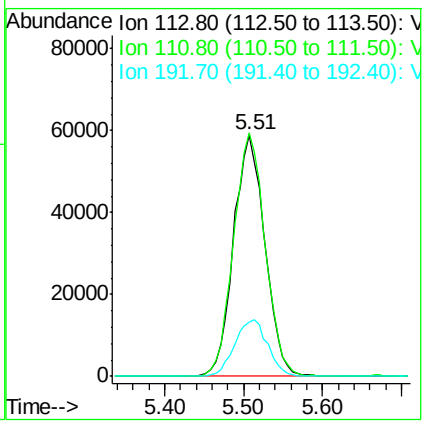


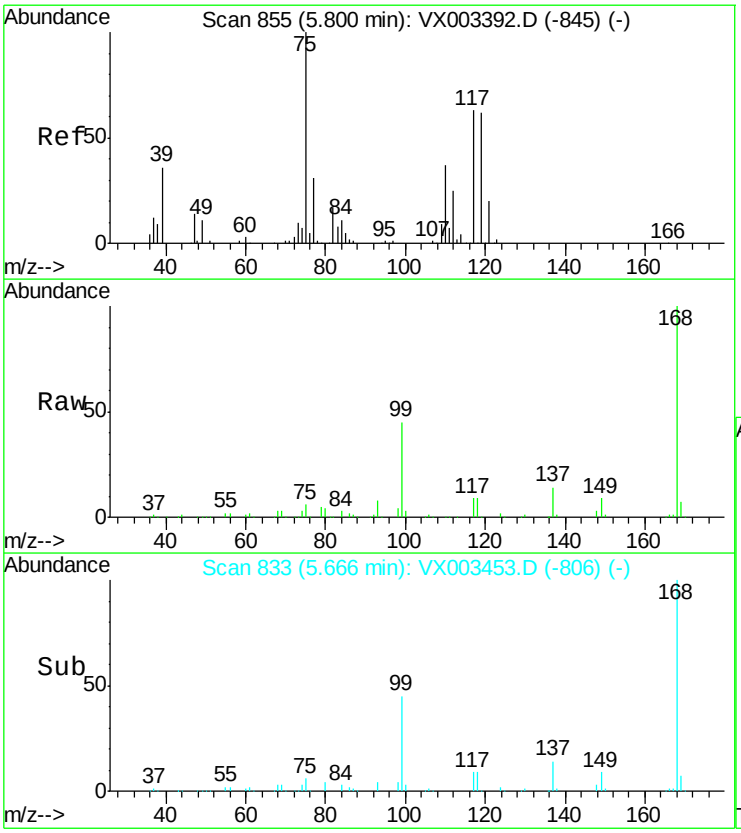
#35
Dibromofluoromethane
Concen: 46.58 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 162487

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	24.7	19.1	28.7

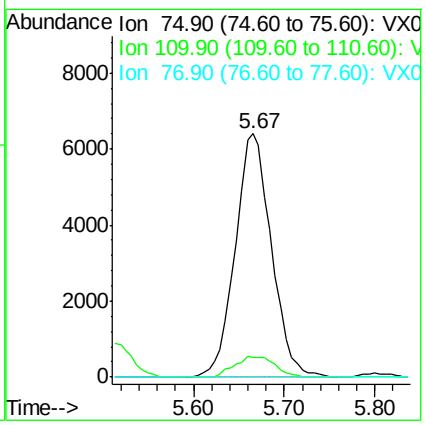


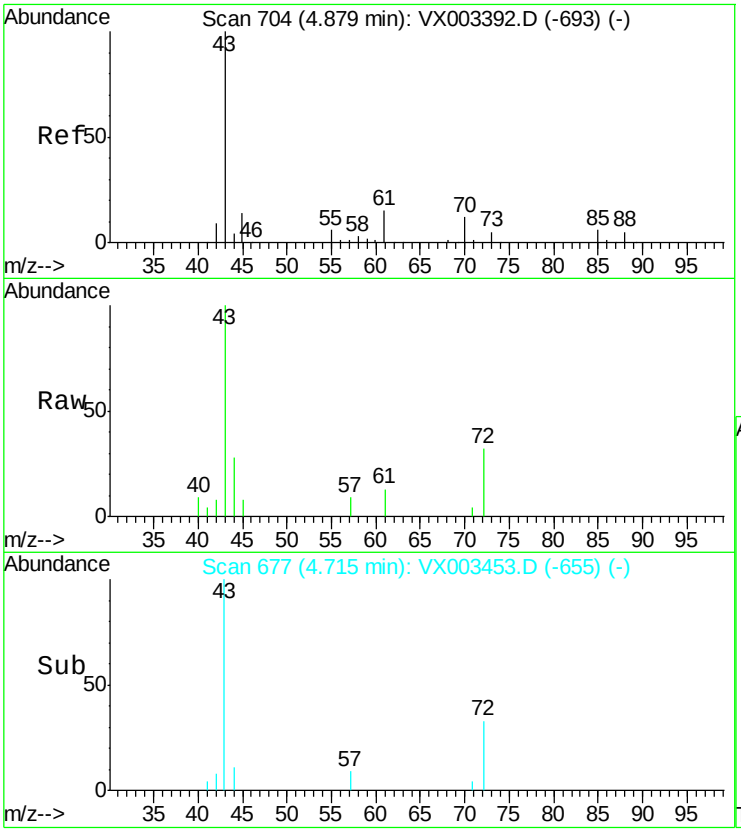


#36
1,1-Dichloropropene
Concen: 4.05 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 75 Resp: 17668

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	24.3	36.5#



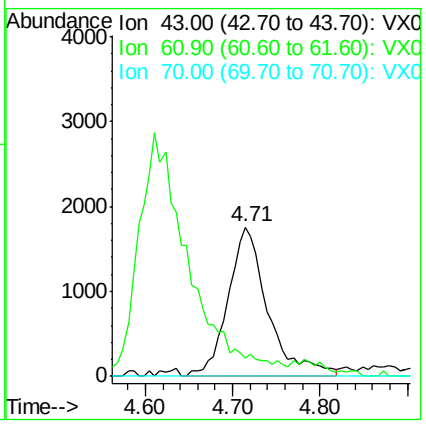


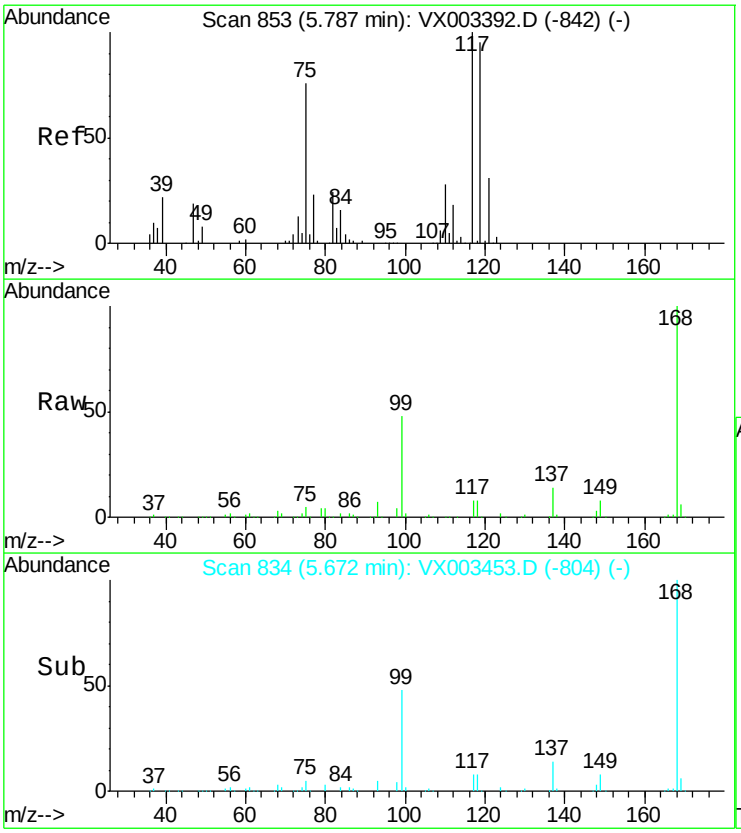
#37
Ethyl Acetate
Concen: 1.13 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.16 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5561

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.6	11.4#

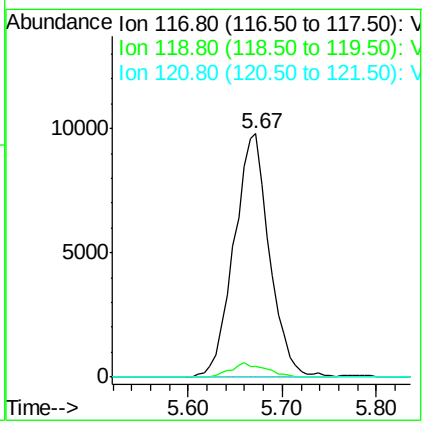


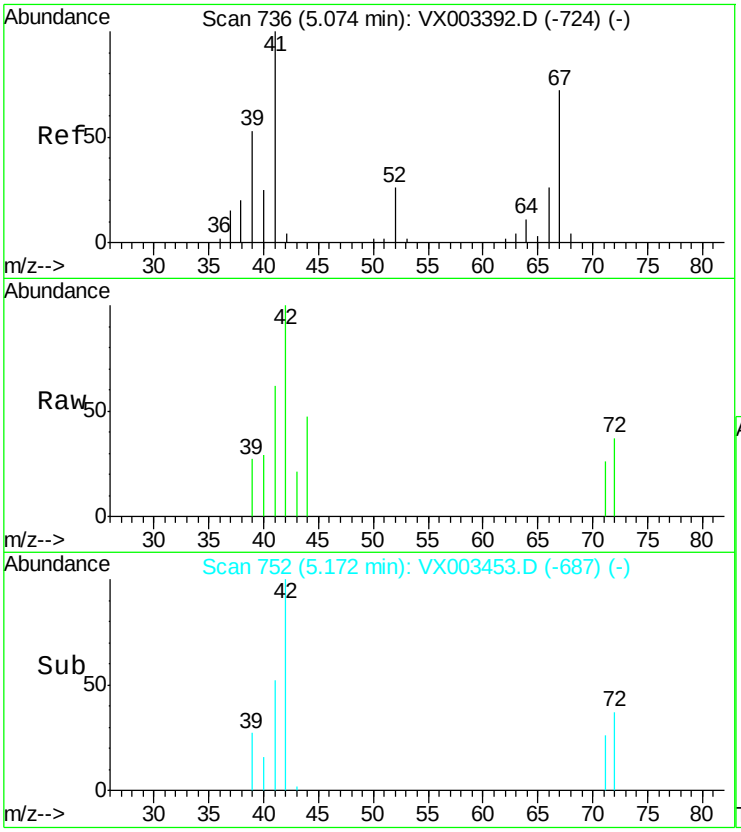


#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion:117 Resp: 25679

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.4	116.0#
121	0.0	24.4	36.6#



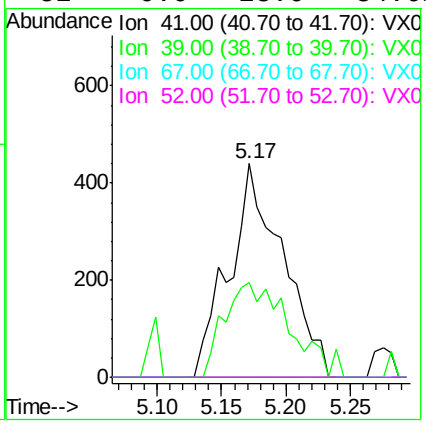


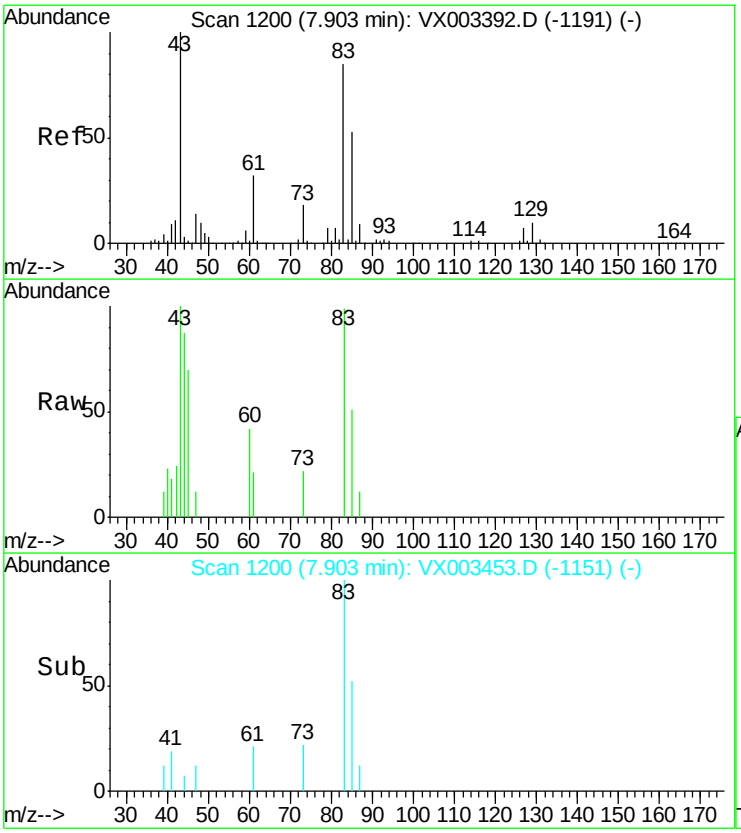
#41
Methacrylonitrile
Concen: 0.47 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.10 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 1284

Ion	Ratio	Lower	Upper
41	100		
39	53.8	45.8	68.6
67	0.0	51.3	76.9#
52	0.0	23.0	34.6#

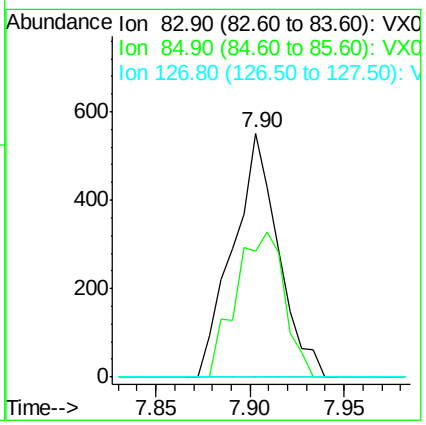


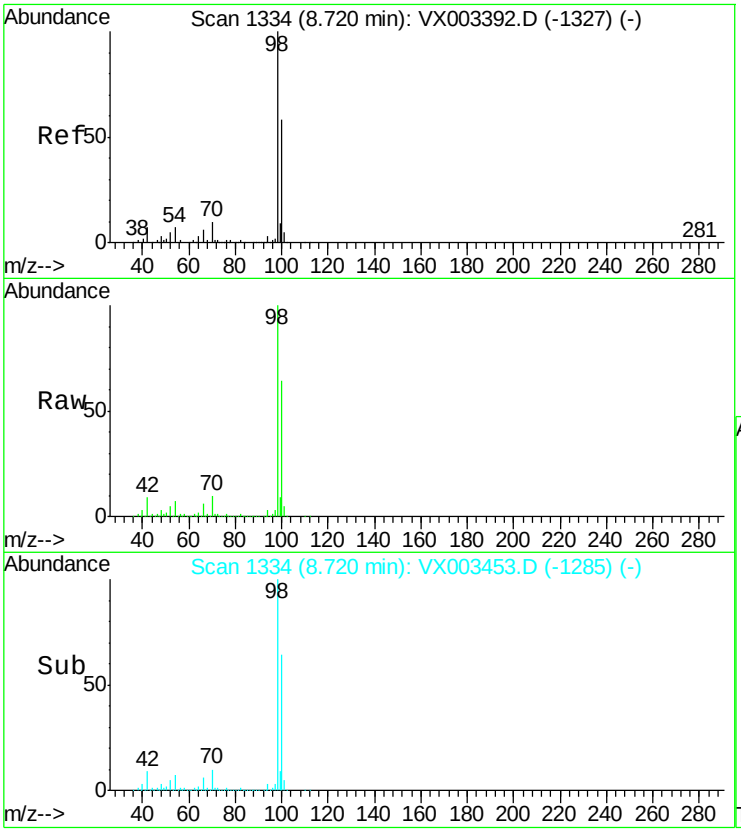


#47
Bromodichloromethane
Concen: 0.22 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 83 Resp: 919

Ion	Ratio	Lower	Upper
83	100		
85	51.7	50.3	75.5
127	0.0	7.0	10.4#



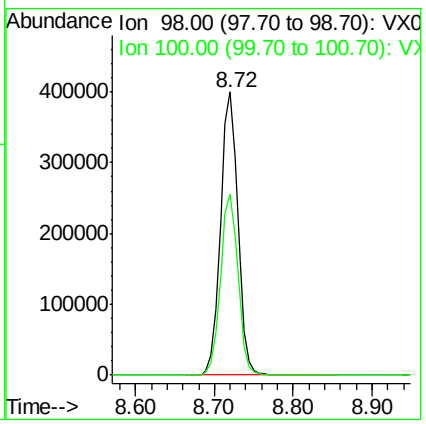


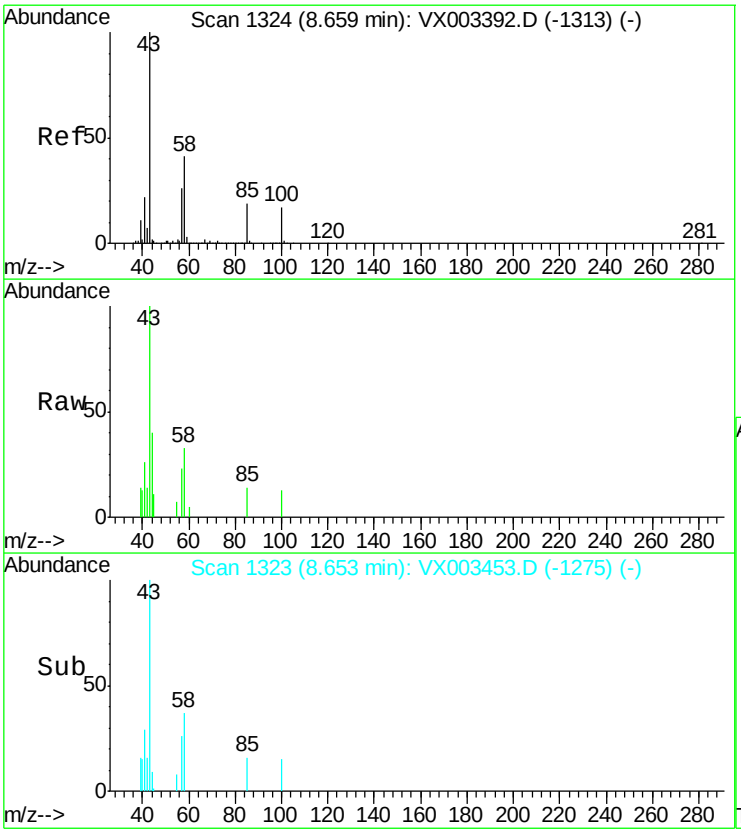
#50
Toluene-d8
Concen: 47.55 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 612119

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3

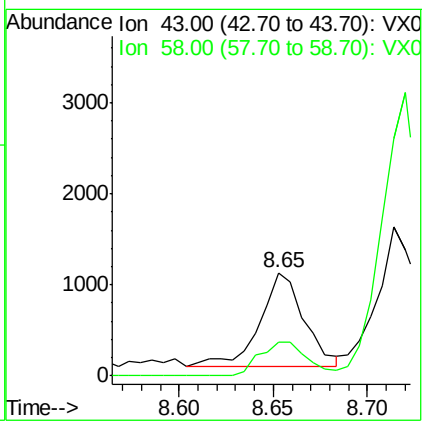


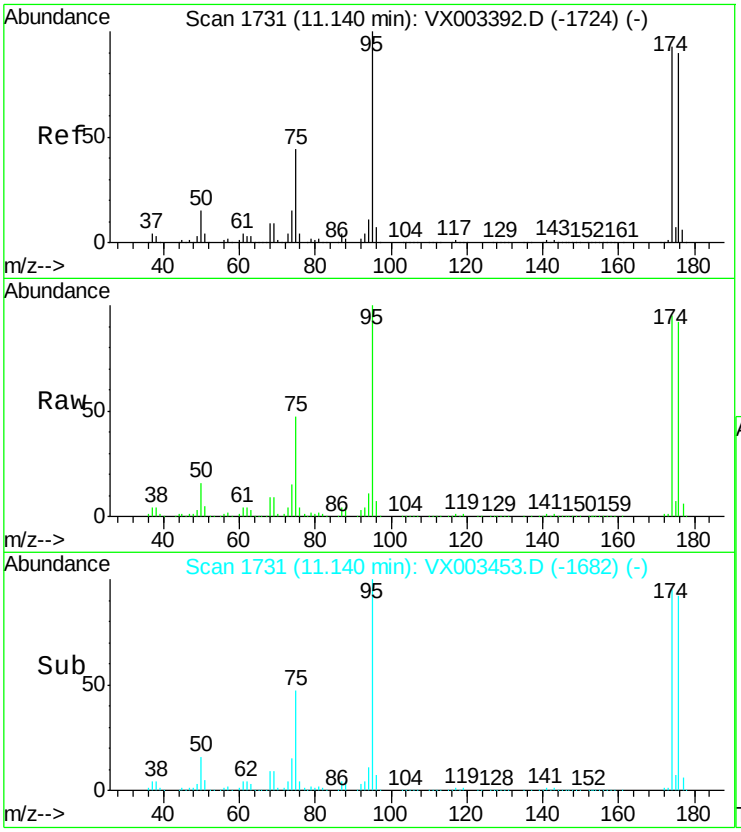


#51
4-Methyl-2-Pentanone
Concen: 0.34 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 43 Resp: 1649

Ion	Ratio	Lower	Upper
43	100		
58	40.1	28.6	42.8



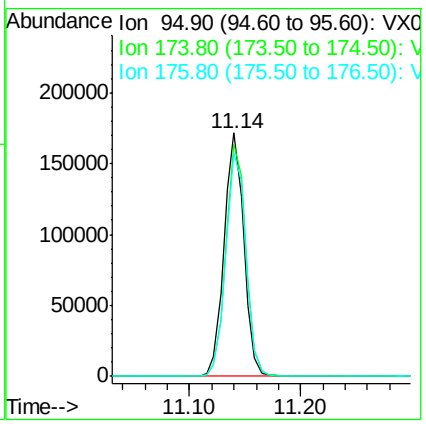


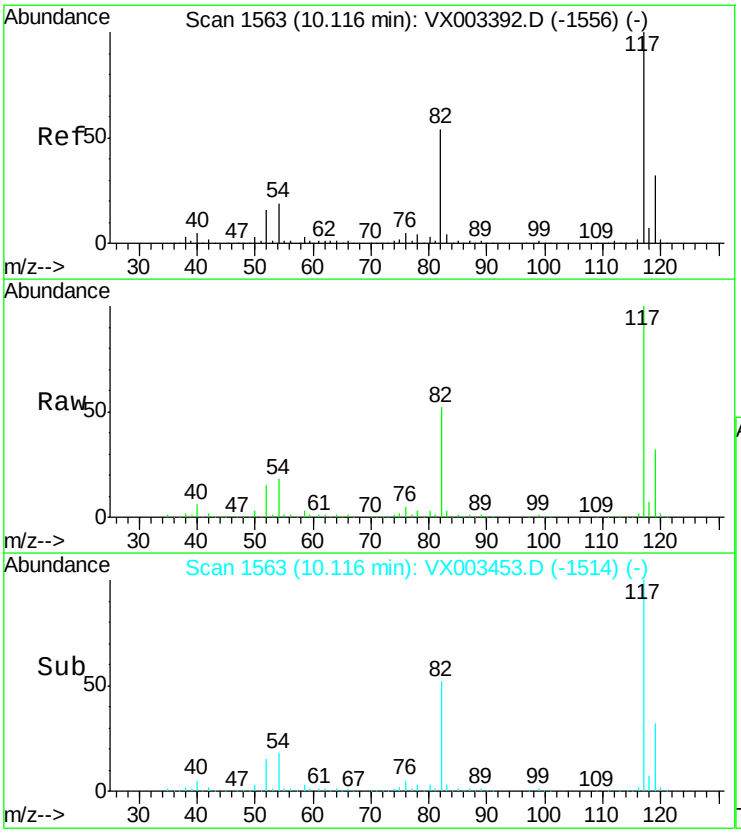
#62
4-Bromofluorobenzene
Concen: 45.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 209828

Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	187.4
176	93.5	0.0	181.0

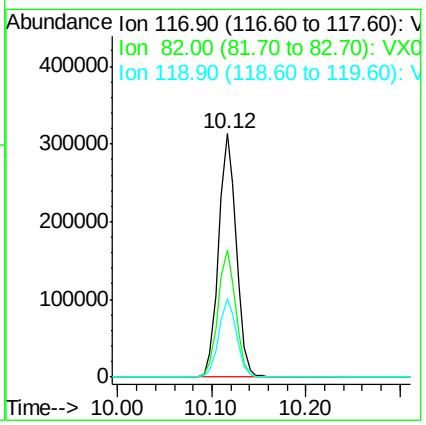


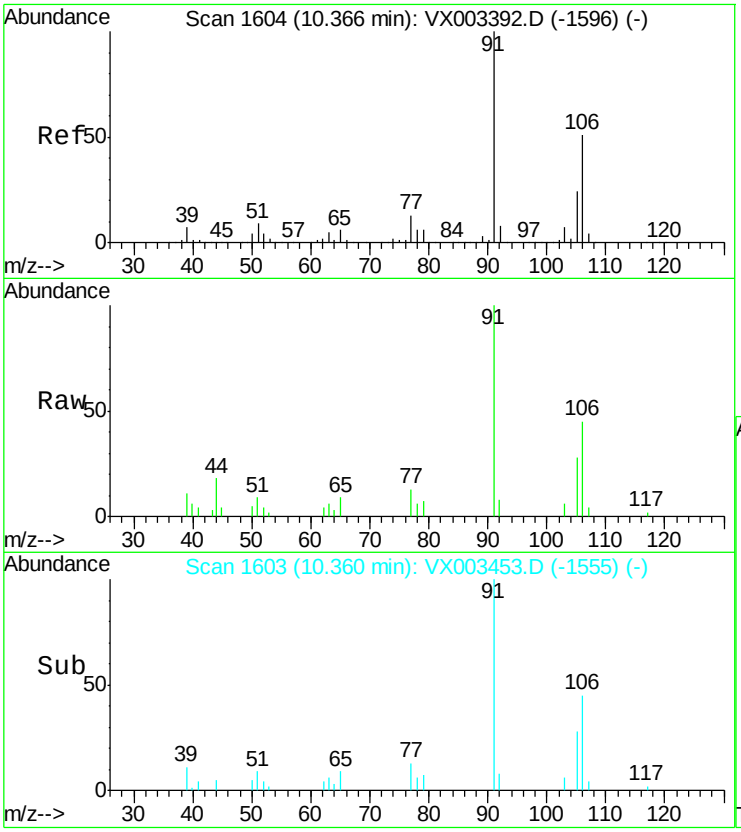


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion:117 Resp: 406270

Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.0	67.4
119	32.1	25.8	38.6



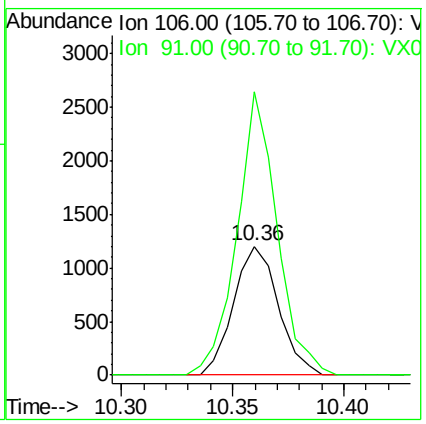


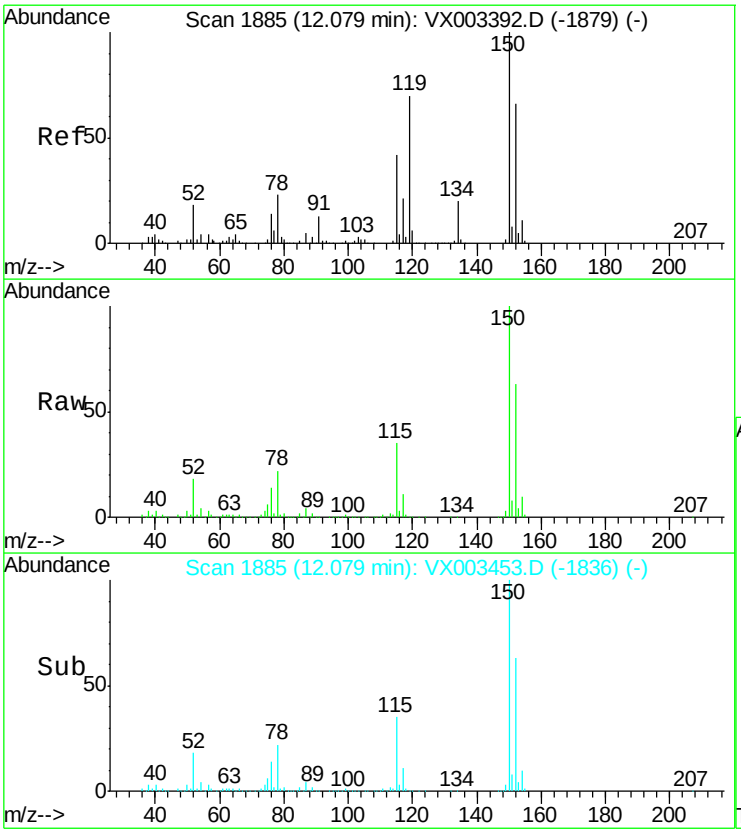
#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1682

Ion	Ratio	Lower	Upper
106	100		
91	197.6	163.4	245.2

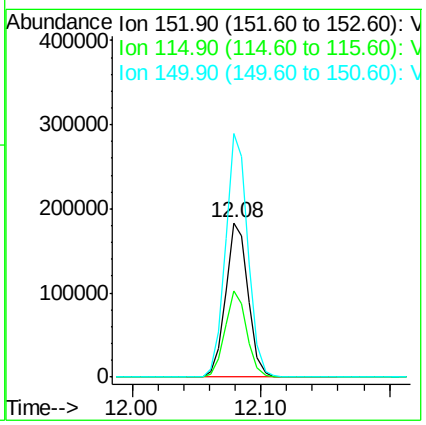


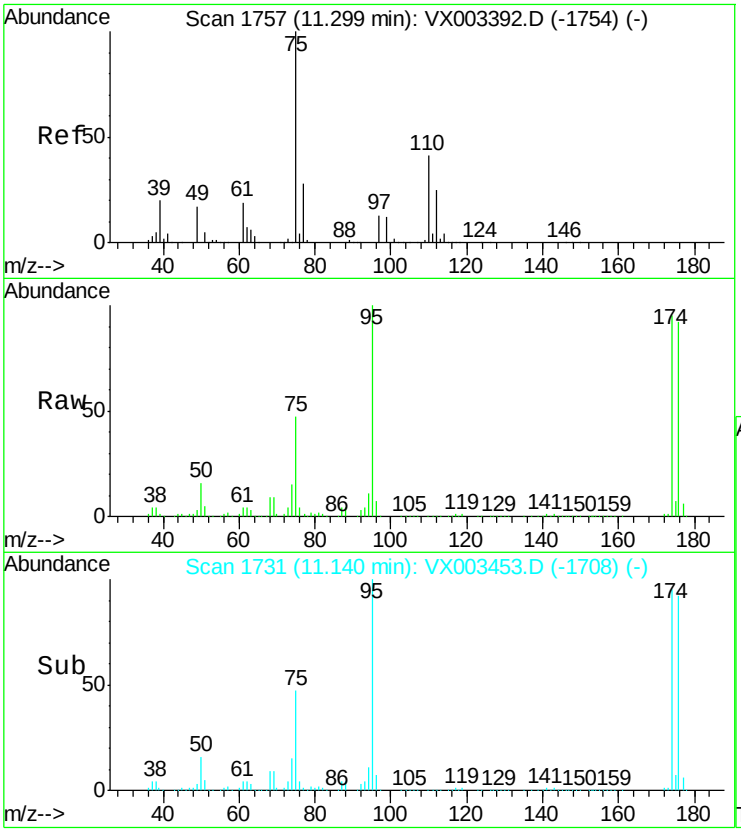


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion:152 Resp: 224830

Ion	Ratio	Lower	Upper
152	100		
115	53.9	40.1	120.2
150	157.2	0.0	347.2



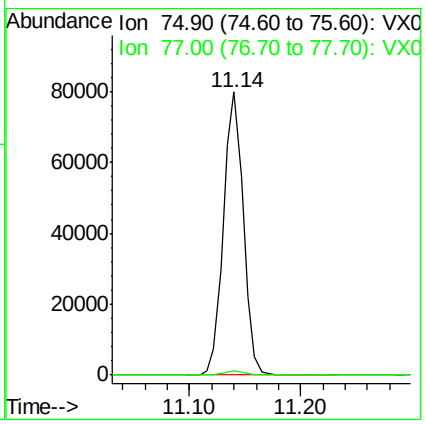


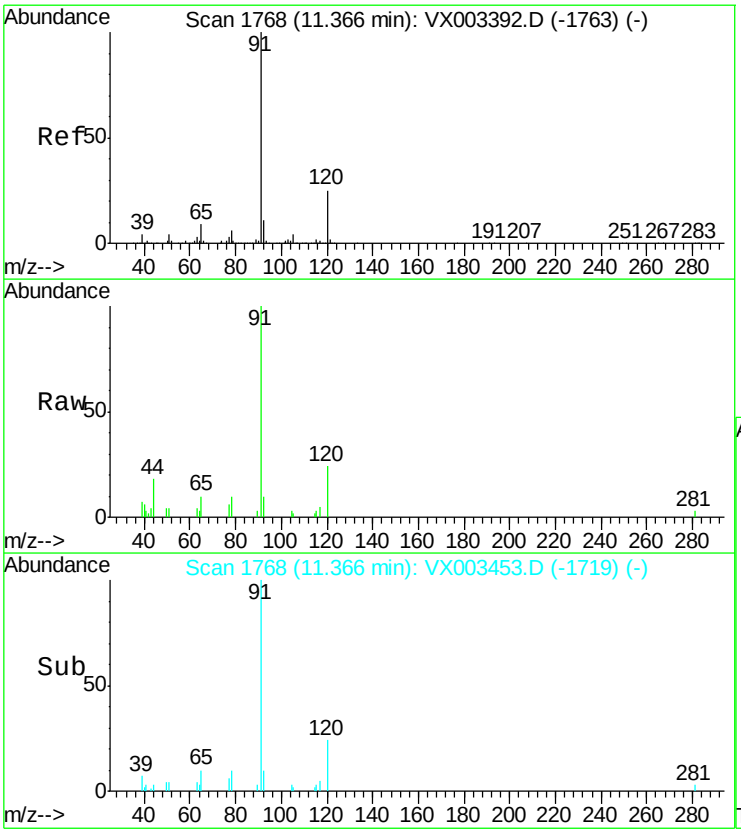
#76
1,2,3-Trichloropropane
Concen: 24.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 98590

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.8	68.3#

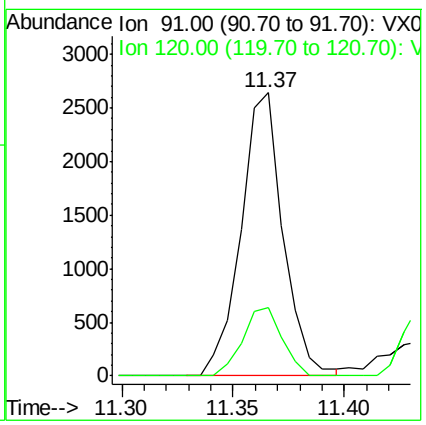


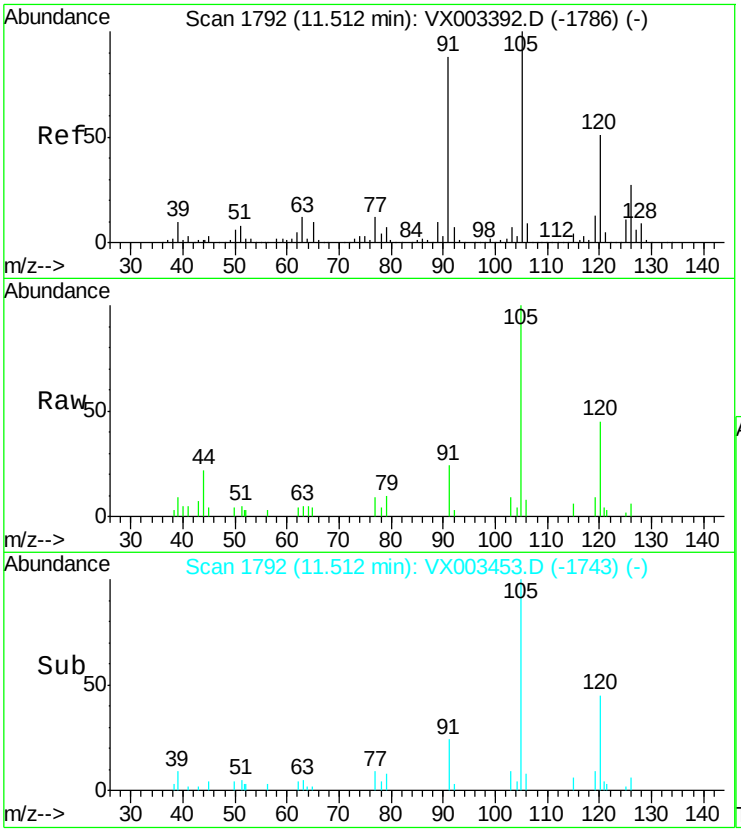


#78
n-propylbenzene
Concen: 0.22 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 91 Resp: 3483

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.8	35.4



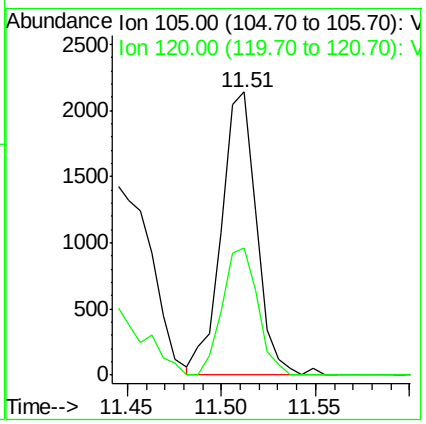


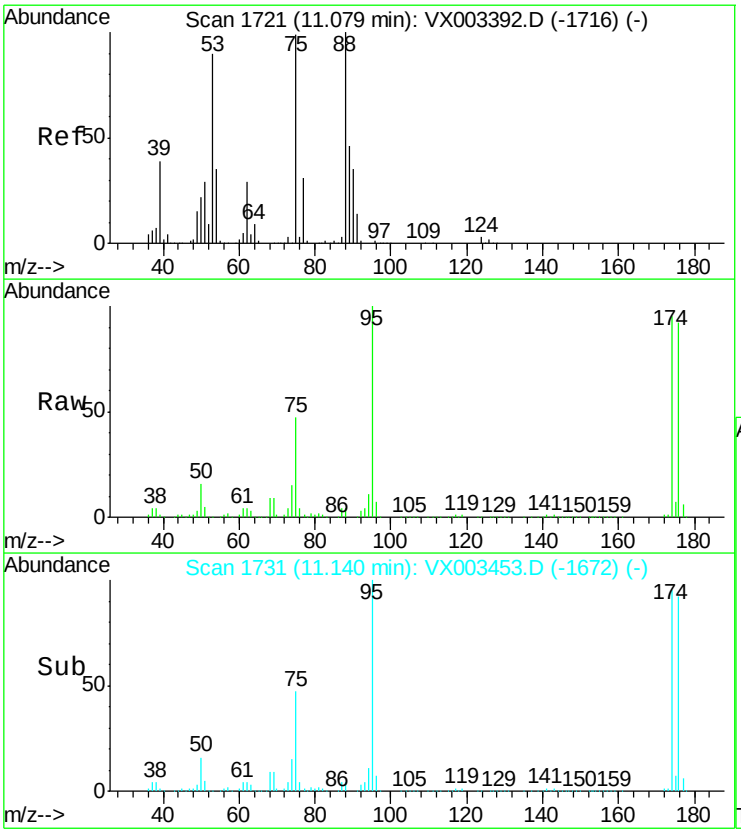
#80
1,3,5-Trimethylbenzene
Concen: 0.24 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2783

Ion	Ratio	Lower	Upper
105	100		
120	44.8	24.4	73.4

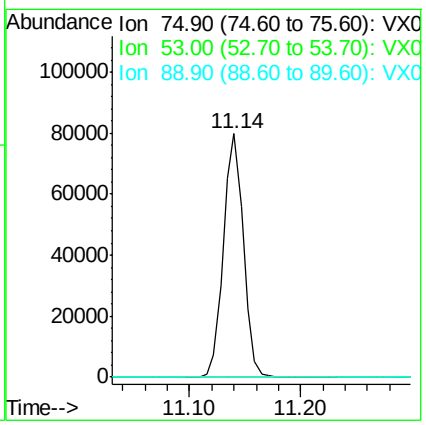


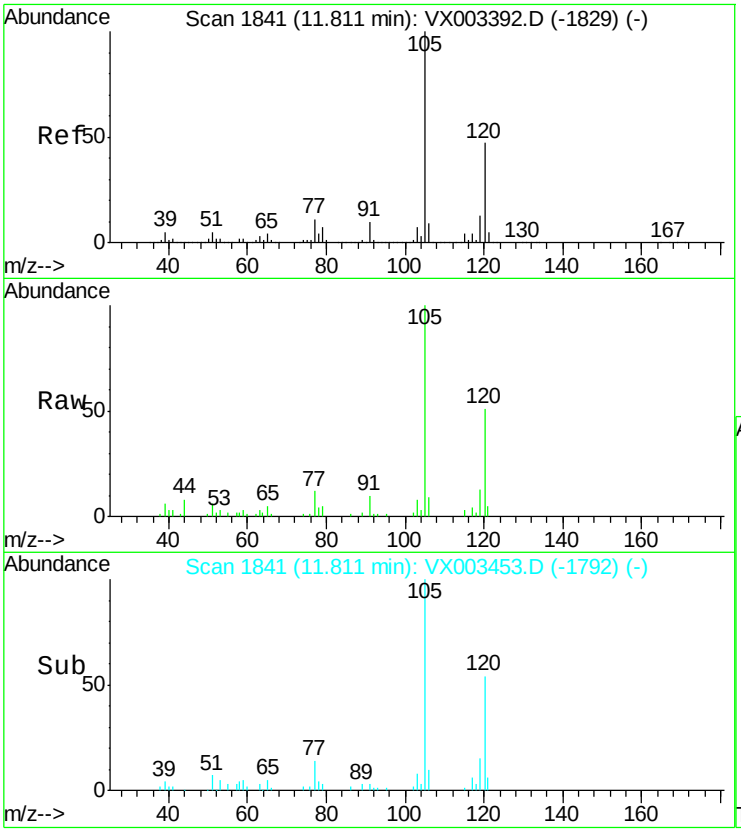


#81
trans-1,4-Dichloro-2-butene
Concen: 78.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 75 Resp: 98590

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



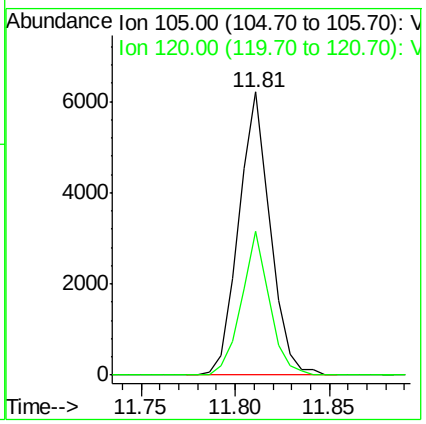


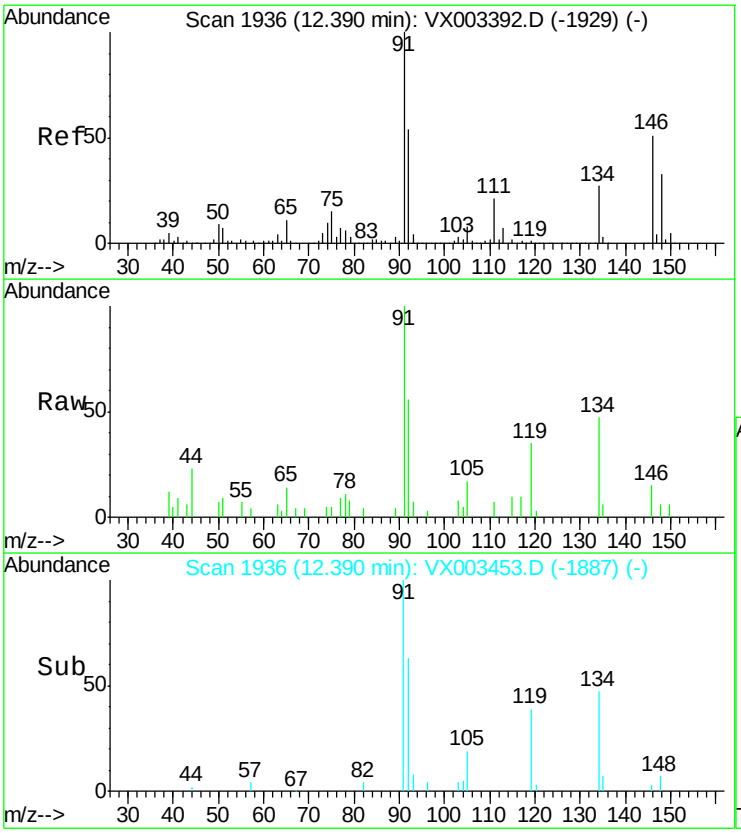
#84
1,2,4-Trimethylbenzene
Concen: 0.59 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 7164

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8

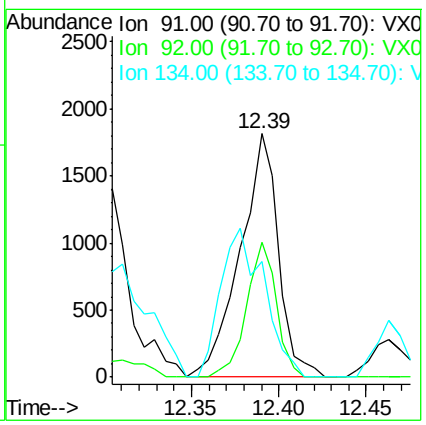


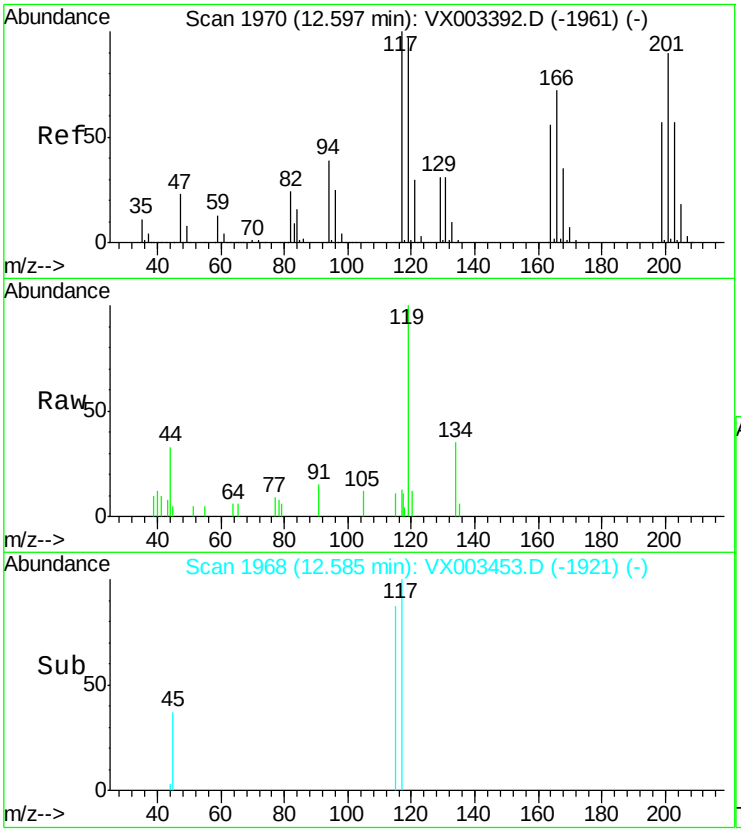


#89
n-Butylbenzene
Concen: 0.26 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion: 91 Resp: 2769

Ion	Ratio	Lower	Upper
91	100		
92	42.9	26.0	78.0
134	69.2	13.5	40.5#



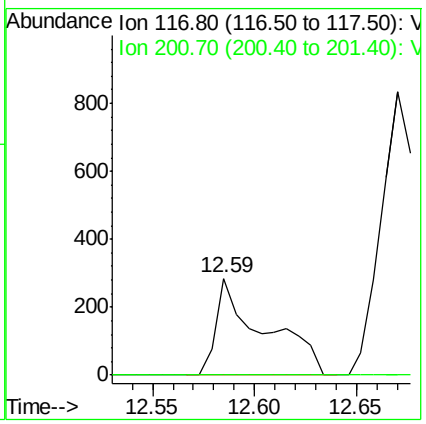


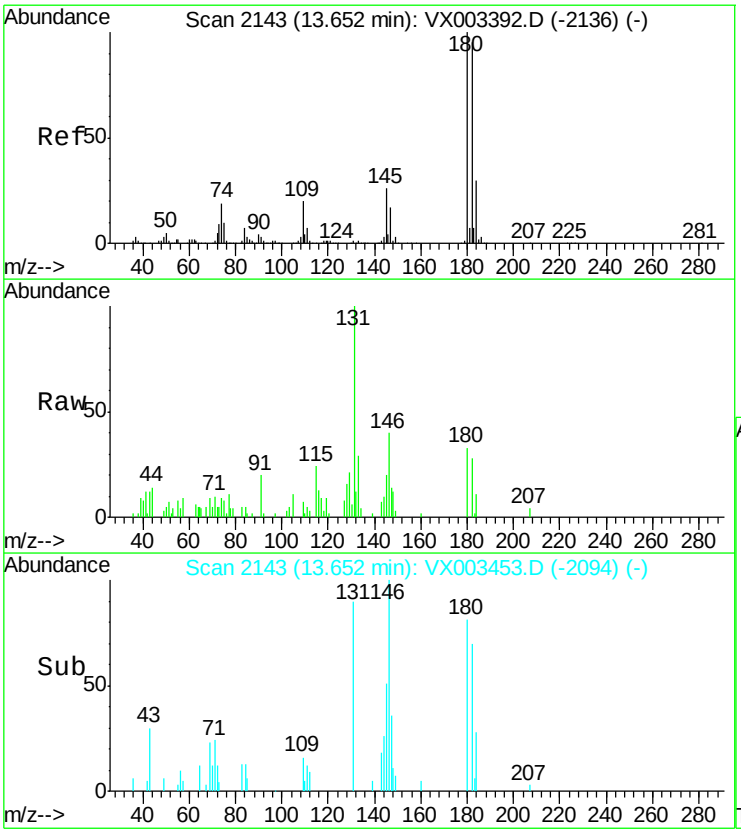
#90
Hexachloroethane
Concen: 0.25 ug/l
RT: 12.59 min Scan# 1968
Delta R.T. -0.01 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 464

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#

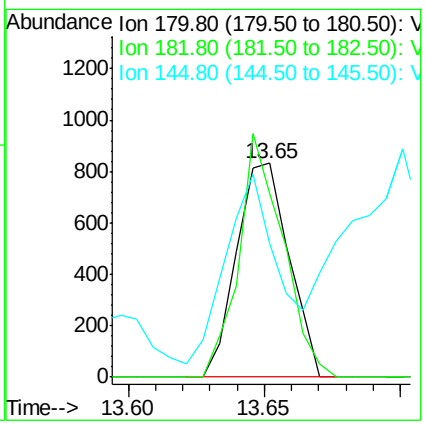


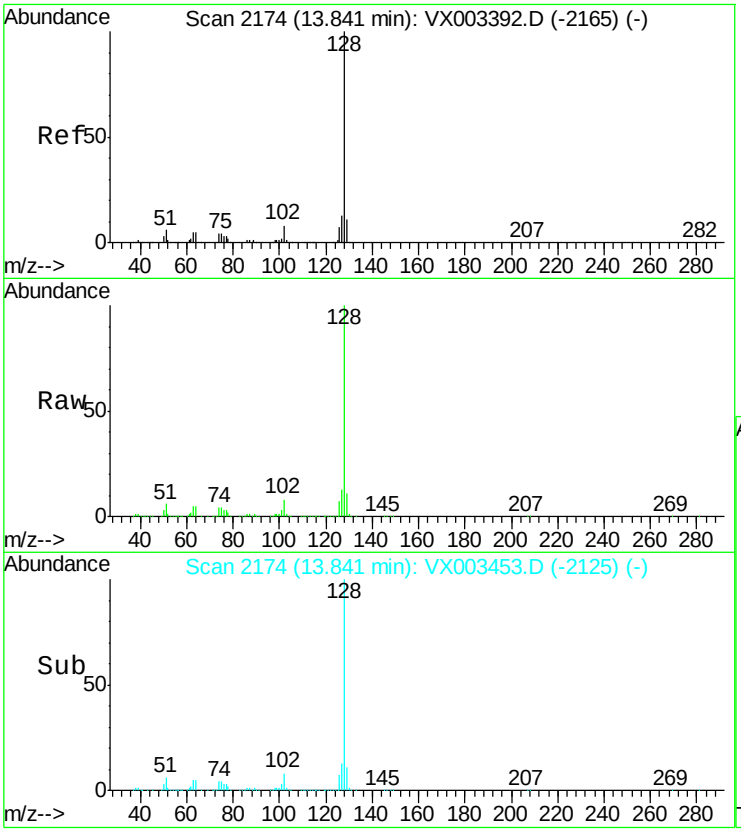


#93
1,2,4-Trichlorobenzene
Concen: 0.22 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Tgt Ion:180 Resp: 1112

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.7	143.1
145	94.1	14.1	42.4#





#95
Naphthalene
Concen: 28.90 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003453.D
Acq: 18 Jul 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 426091

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0