Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071818\
Data File : VX003449.D
Acq On : 18 Jul 2018 16:01
Operator : JC/MD
Sample : J4013-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:41:49 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	284407	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	421560	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	383098	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213458	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	181163	48.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.28%				
35) Dibromofluoromethane	5.51	113	155754	45.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.32%				
50) Toluene-d8	8.72	98	584586	46.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.88%				
62) 4-Bromofluorobenzene	11.14	95	198676	44.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.42%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	901	0.26	ug/l	#	82
5) Bromomethane	1.65	94	2552	Below Cal			99
6) Chloroethane	1.74	64	132	Below Cal		#	1
10) Methyl Iodide	2.52	142	3832	1.13	ug/l		94
11) Tert butyl alcohol	3.07	59	1640	1.96	ug/l	#	90
13) Acrolein	2.29	56	367	0.91	ug/l	#	62
15) Acrylonitrile	3.16	53	718	0.37	ug/l		98
16) Acetone	2.45	43	17665	11.40	ug/l	#	89
17) Carbon Disulfide	2.57	76	3020	0.37	ug/l		97
18) Methyl Acetate	2.78	43	24298	4.82	ug/l	#	91
20) Methylene Chloride	2.86	84	32854	9.17	ug/l		90
25) 2-Butanone	4.71	43	6252	2.58	ug/l		92
29) Tetrahydrofuran	5.18	42	2353	1.53	ug/l		97
30) Chloroform	5.21	83	1354	0.25	ug/l		84
36) 1,1-Dichloropropene	5.67	75	18954	4.44	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	24723	5.69	ug/l	#	17
51) 4-Methyl-2-Pentanone	8.65	43	2086	0.44	ug/l		99
65) Chlorobenzene	10.14	112	1884	0.21	ug/l		99
68) m/p-Xylenes	10.36	106	1466	0.26	ug/l		77
76) 1,2,3-Trichloropropane	11.14	75	96420	24.95	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	96420	81.06	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	3681	0.32	ug/l		93
89) n-Butylbenzene	12.39	91	2420	0.24	ug/l		89
93) 1,2,4-Trichlorobenzene	13.65	180	1723	0.35	ug/l		99
94) Hexachlorobutadiene	13.79	225	660	0.28	ug/l		89
95) Naphthalene	13.83	128	135069	9.65	ug/l		100
96) 1,2,3-Trichlorobenzene	14.02	180	1428	0.28	ug/l		90

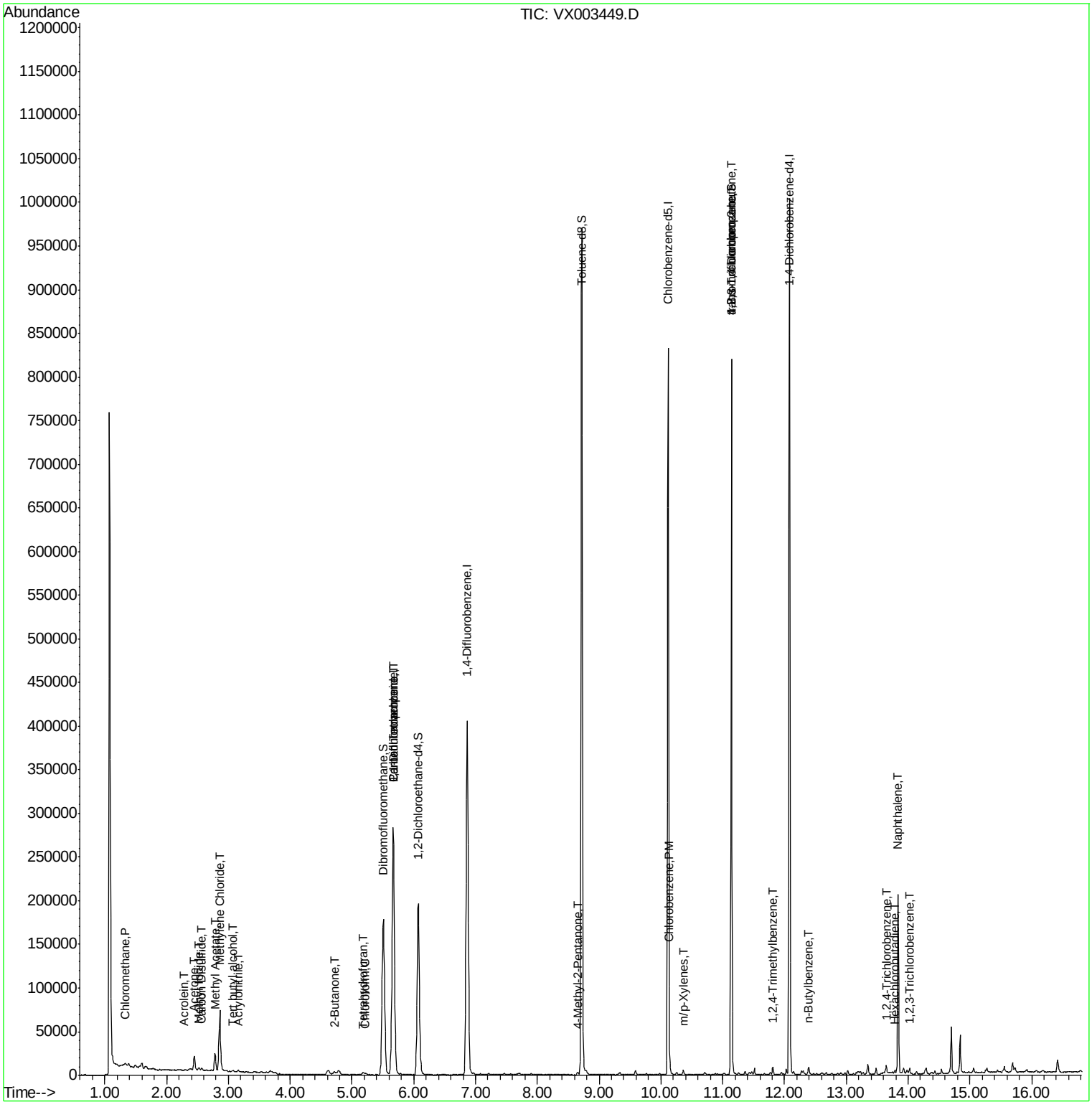
(#) = qualifier out of range (m) = manual integration (+) = signals summed

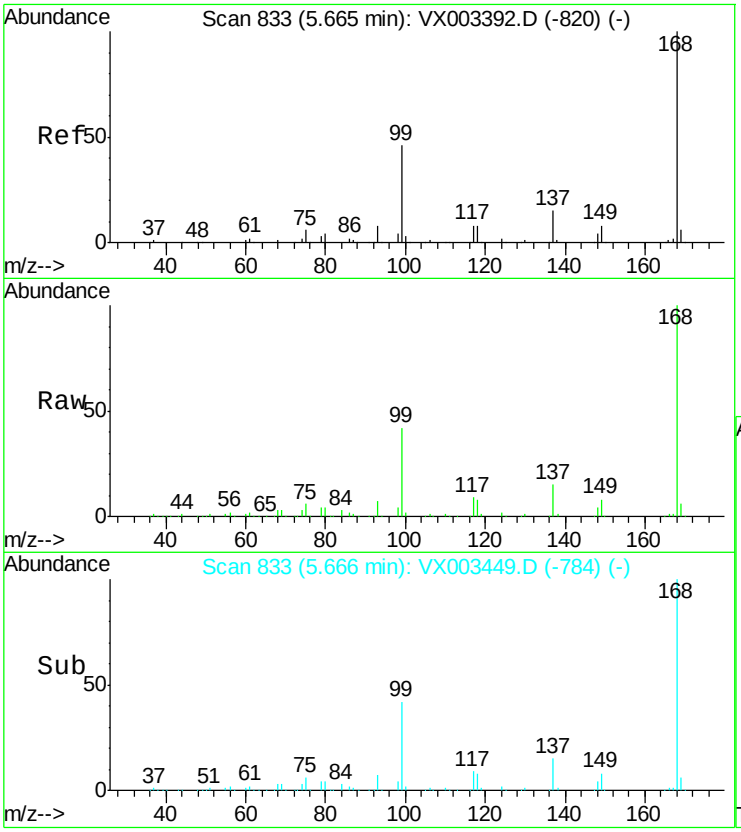
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
Data File : VX003449.D
Acq On : 18 Jul 2018 16:01
Operator : JC/MD
Sample : J4013-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:41:49 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



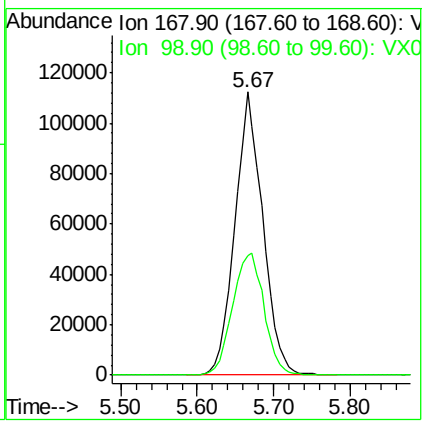


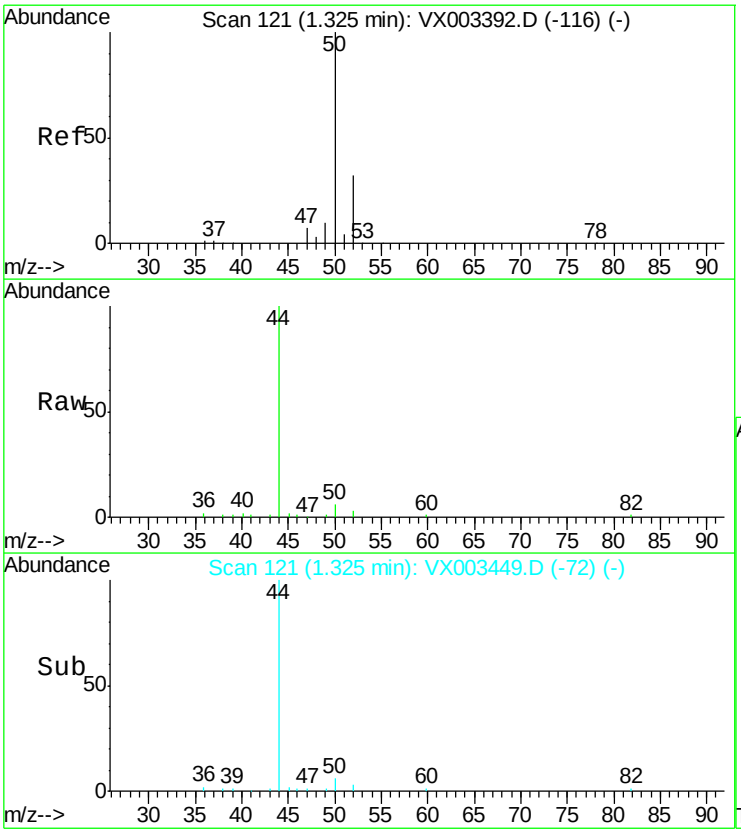
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 284407

Ion	Ratio	Lower	Upper
168	100		
99	42.3	39.3	58.9

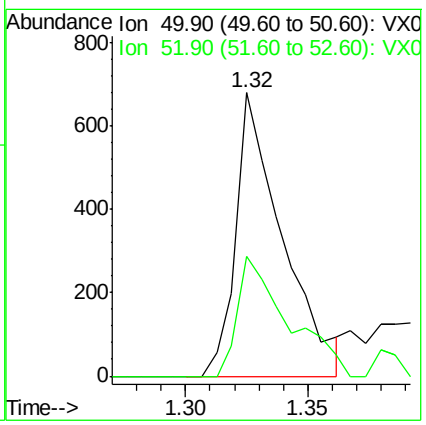


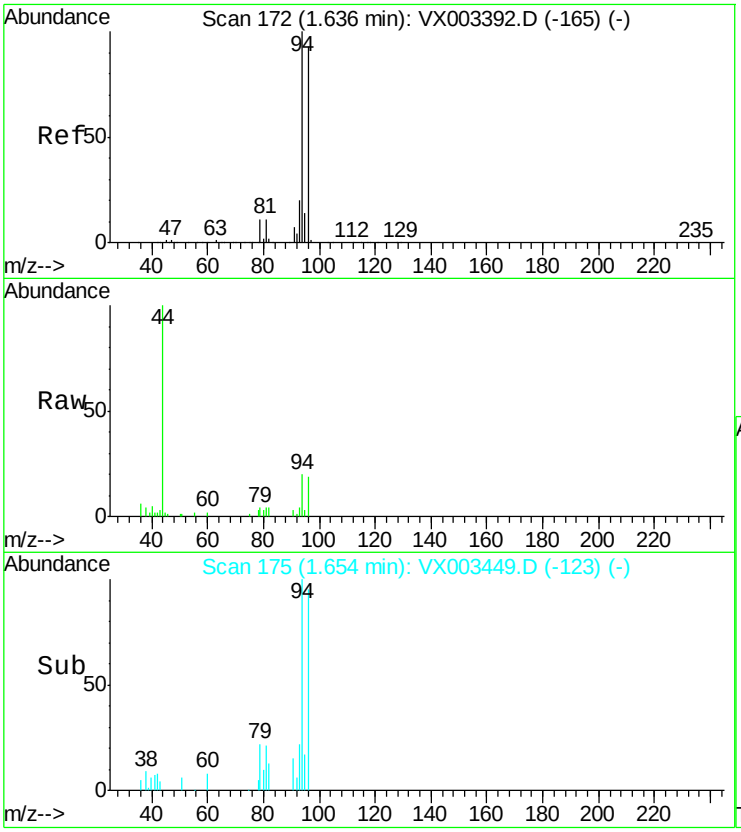


#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 50 Resp: 901

Ion	Ratio	Lower	Upper
50	100		
52	42.3	25.7	38.5#



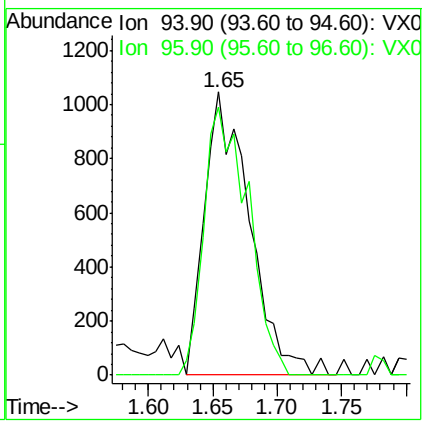


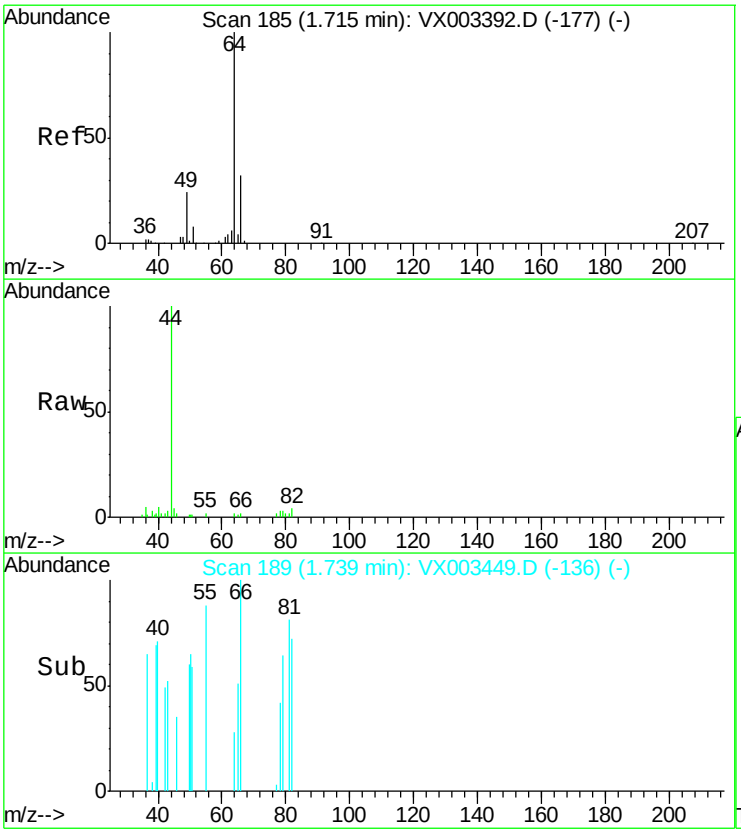
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 2552

Ion	Ratio	Lower	Upper
94	100		
96	94.6	74.9	112.3

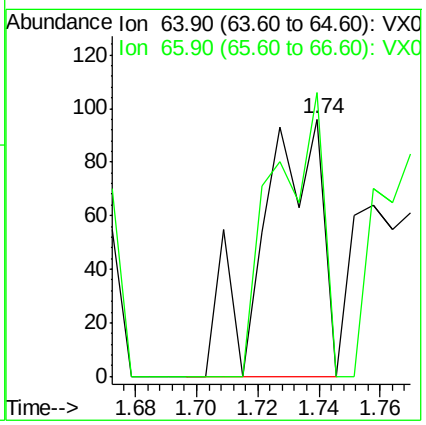


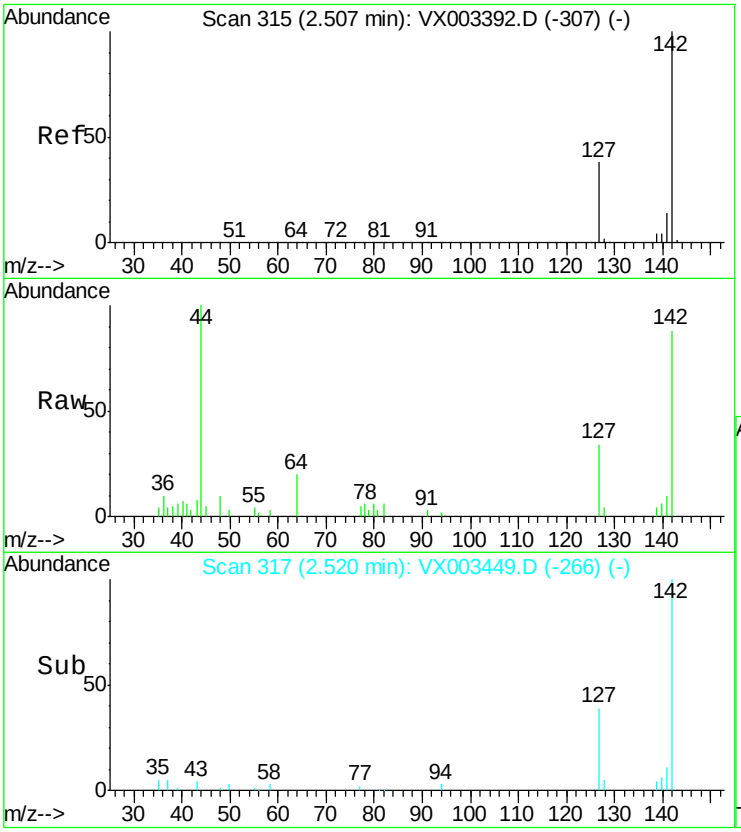


#6
Chloroethane
Concen: Below Cal
RT: 1.74 min Scan# 189
Delta R.T. 0.03 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 64 Resp: 132

Ion	Ratio	Lower	Upper
64	100		
66	110.4	25.5	38.3#



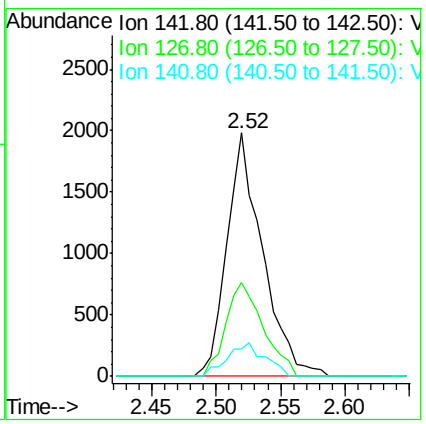


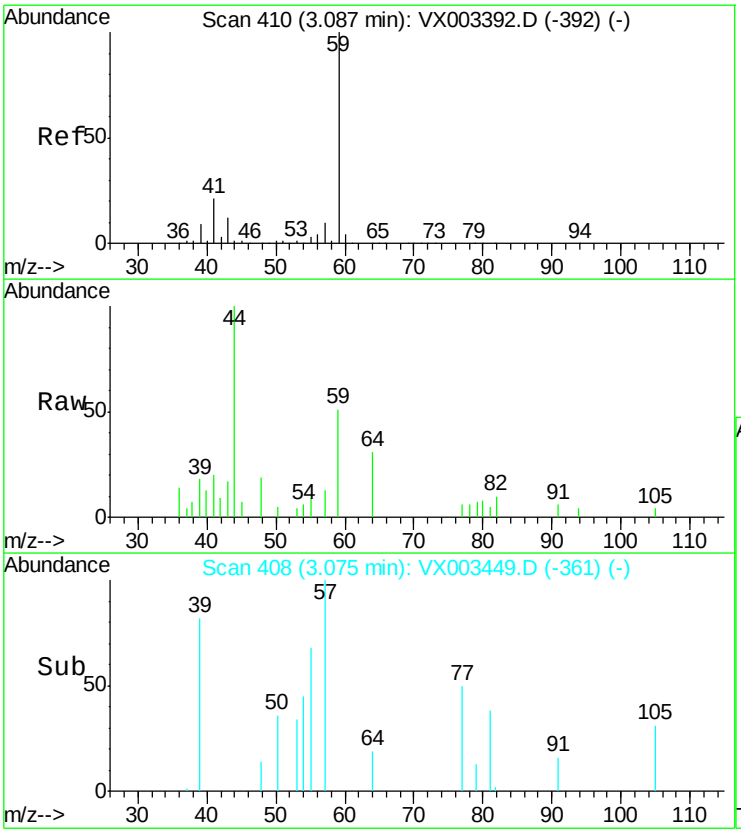
#10
Methyl Iodide
Concen: 1.13 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 3832

Ion	Ratio	Lower	Upper
142	100		
127	40.6	36.6	55.0
141	14.6	11.3	16.9

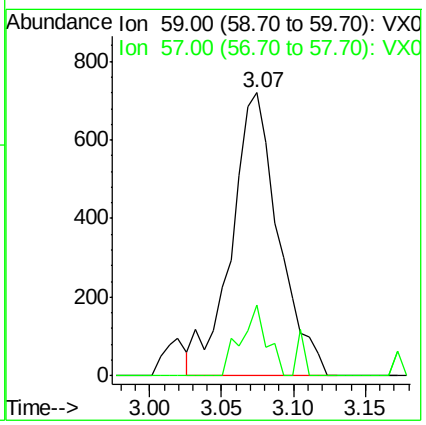


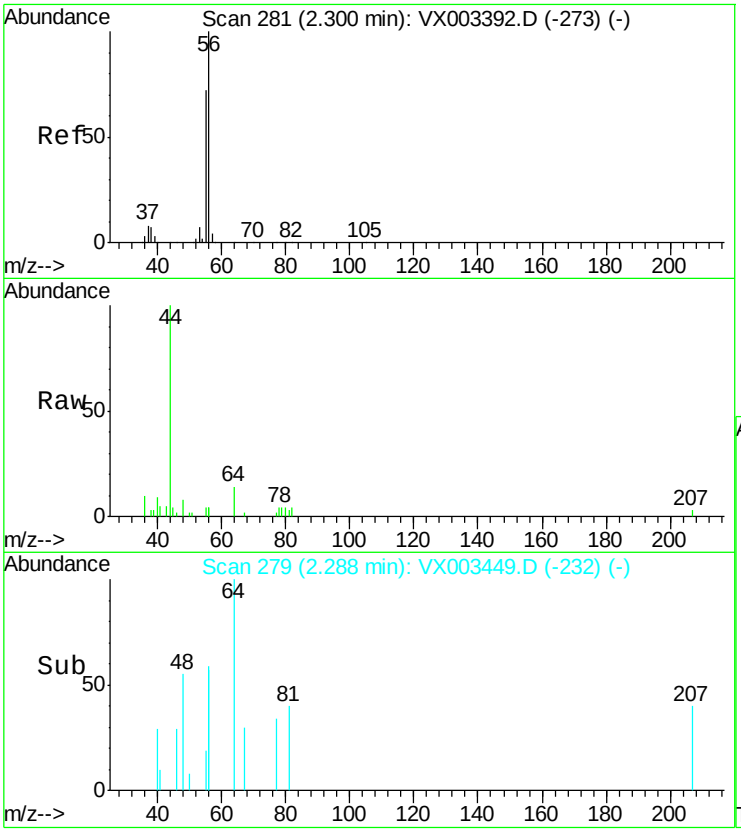


#11
Tert butyl alcohol
Concen: 1.96 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 59 Resp: 1640

Ion	Ratio	Lower	Upper
59	100		
57	13.8	8.2	12.2#



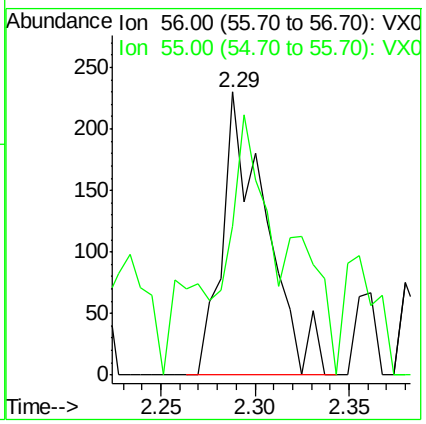


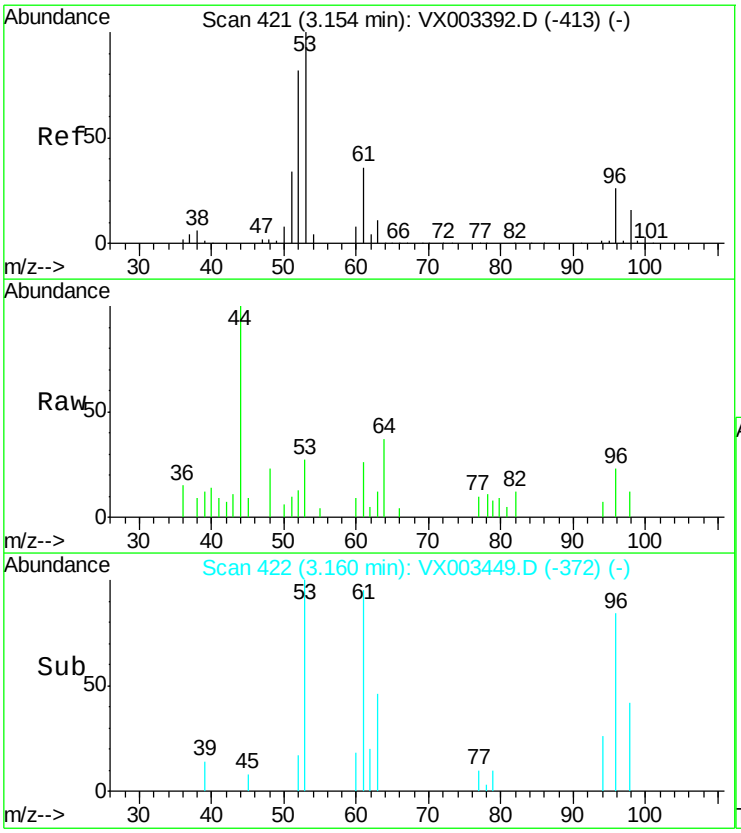
#13
Acrolein
Concen: 0.91 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 367

Ion	Ratio	Lower	Upper
56	100		
55	39.8	57.0	85.4#

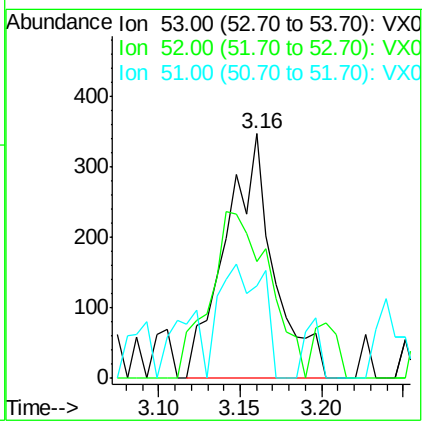


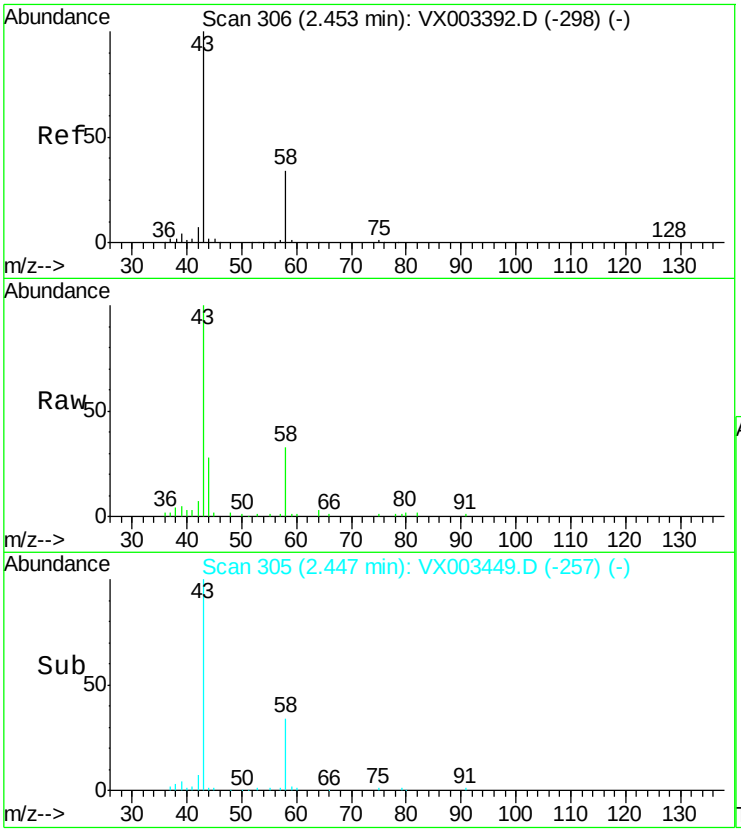


#15
Acrylonitrile
Concen: 0.37 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 53 Resp: 718

Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.7	100.1
51	41.8	29.9	44.9



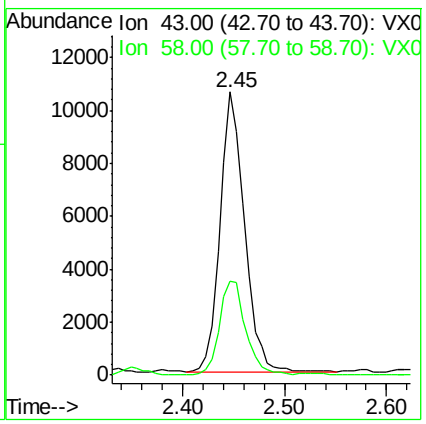


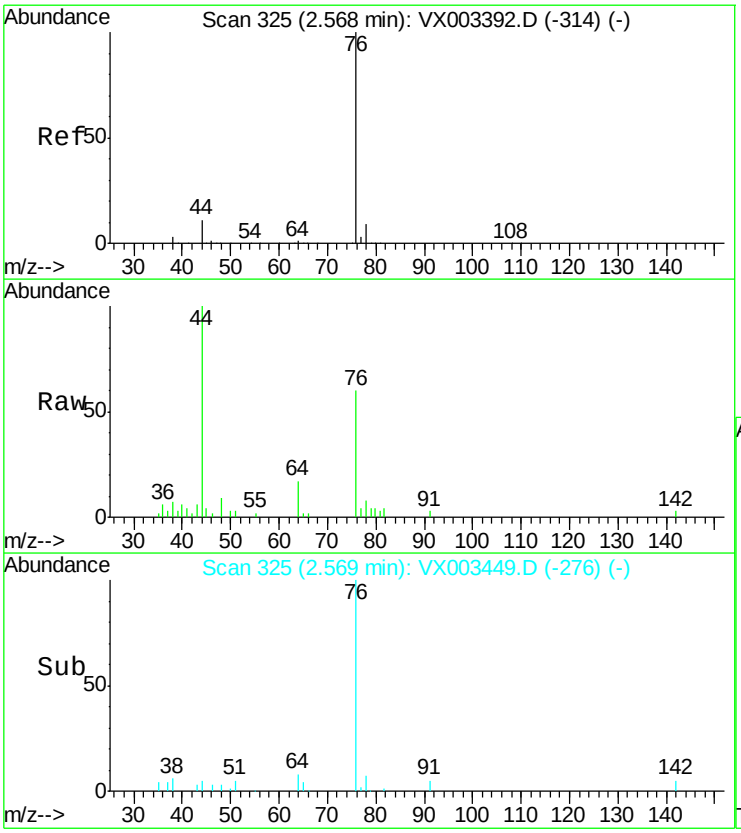
#16
Acetone
Concen: 11.40 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 17665

Ion	Ratio	Lower	Upper
43	100		
58	33.4	22.1	33.1#

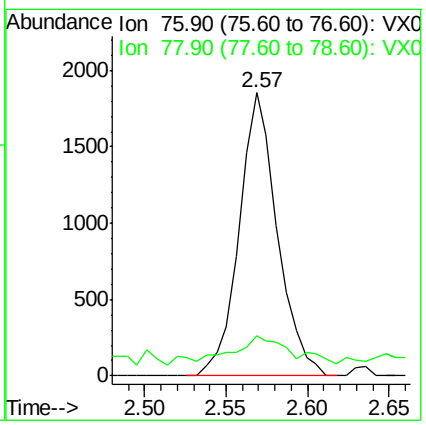


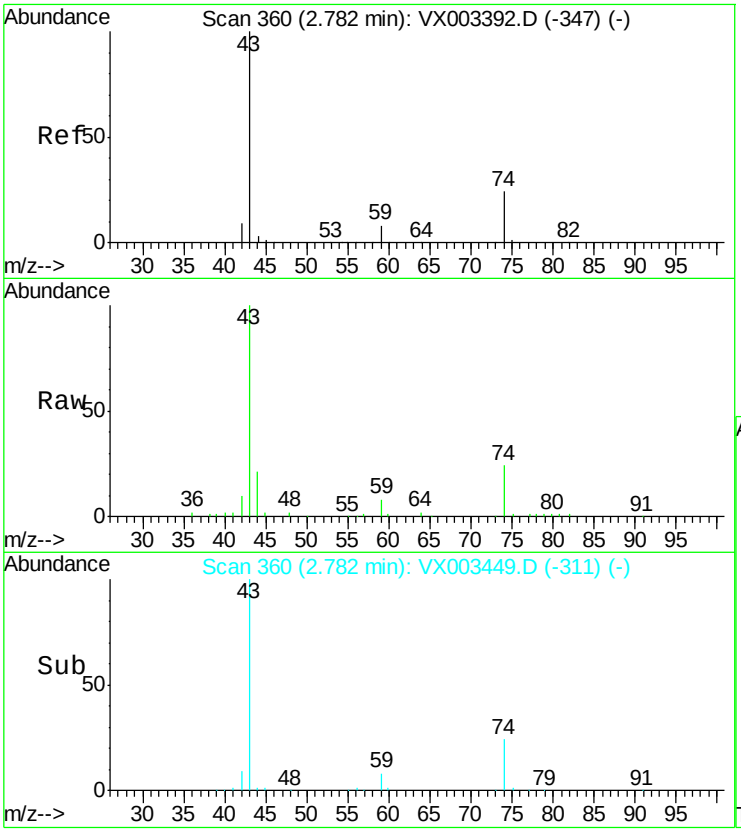


#17
Carbon Disulfide
Concen: 0.37 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 76 Resp: 3020

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.9	10.3



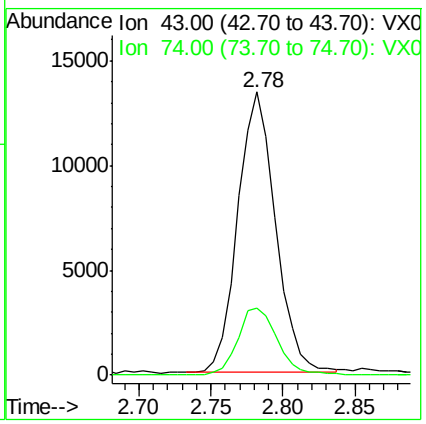


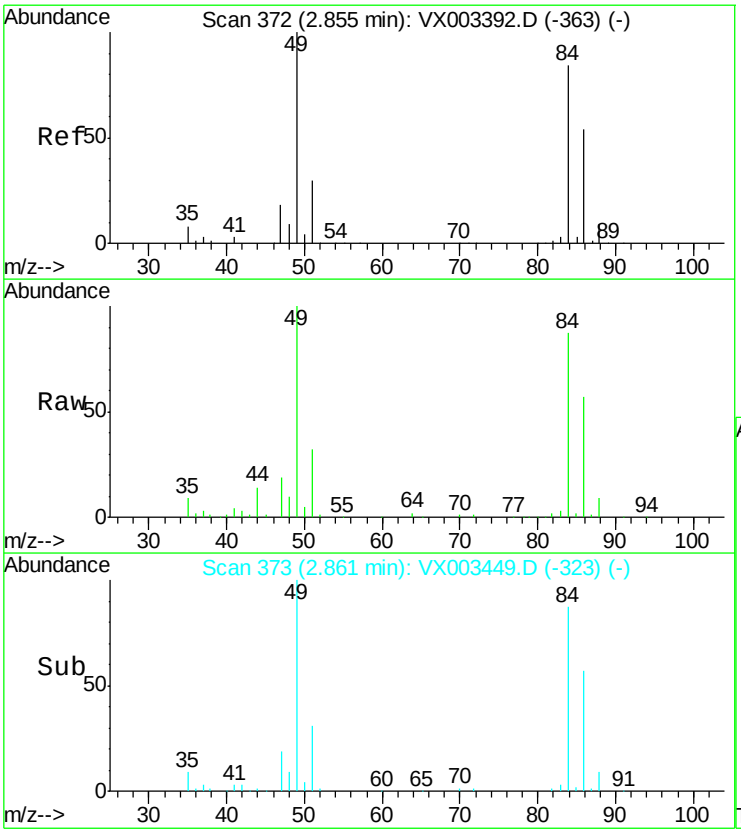
#18
Methyl Acetate
Concen: 4.82 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 24298

Ion	Ratio	Lower	Upper
43	100		
74	25.1	16.7	25.1#

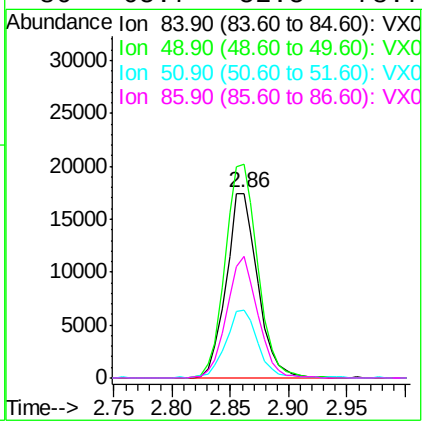


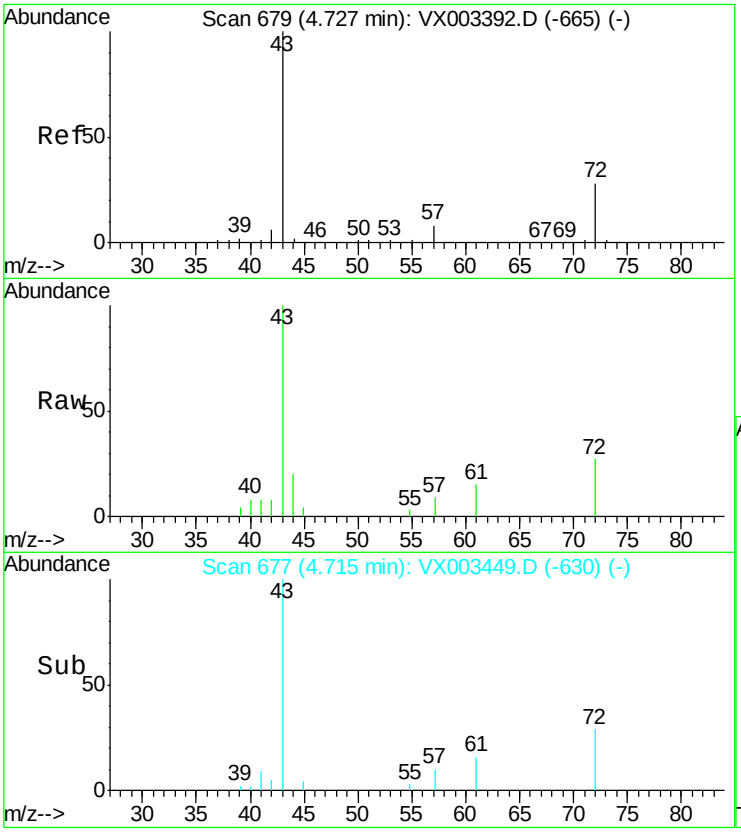


#20
Methylene Chloride
Concen: 9.17 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 84 Resp: 32854

Ion	Ratio	Lower	Upper
84	100		
49	115.5	107.8	161.6
51	36.2	32.8	49.2
86	65.7	52.5	78.7



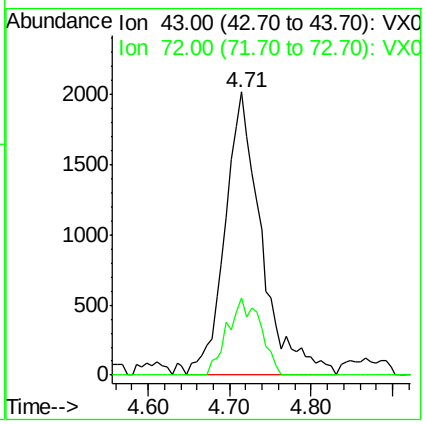


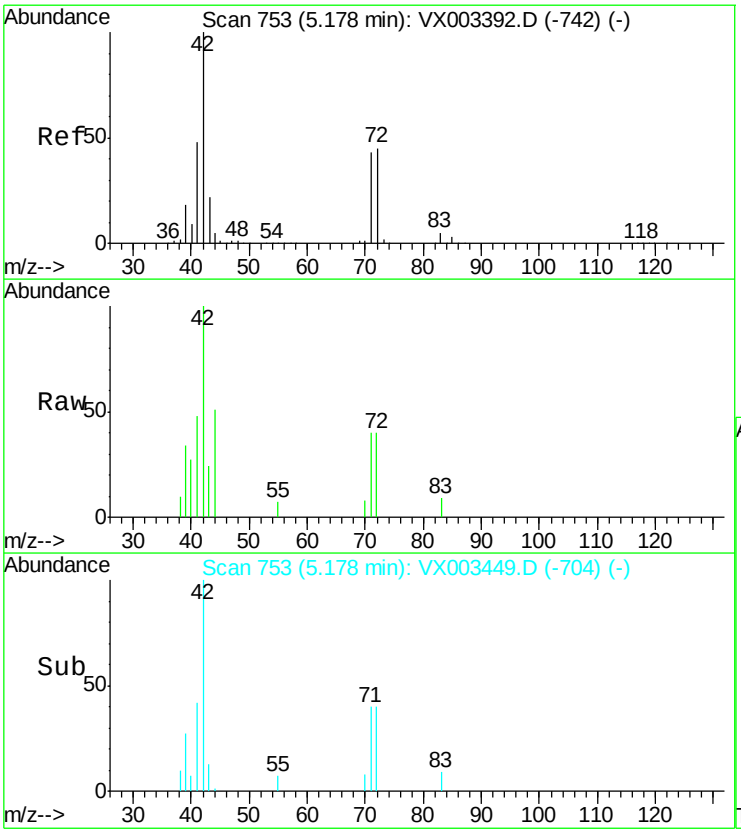
#25
2-Butanone
Concen: 2.58 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6252

Ion	Ratio	Lower	Upper
43	100		
72	27.1	18.5	27.7

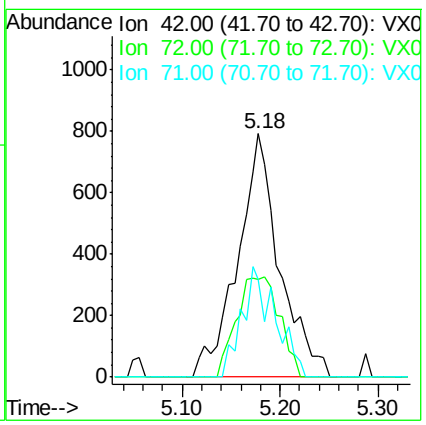


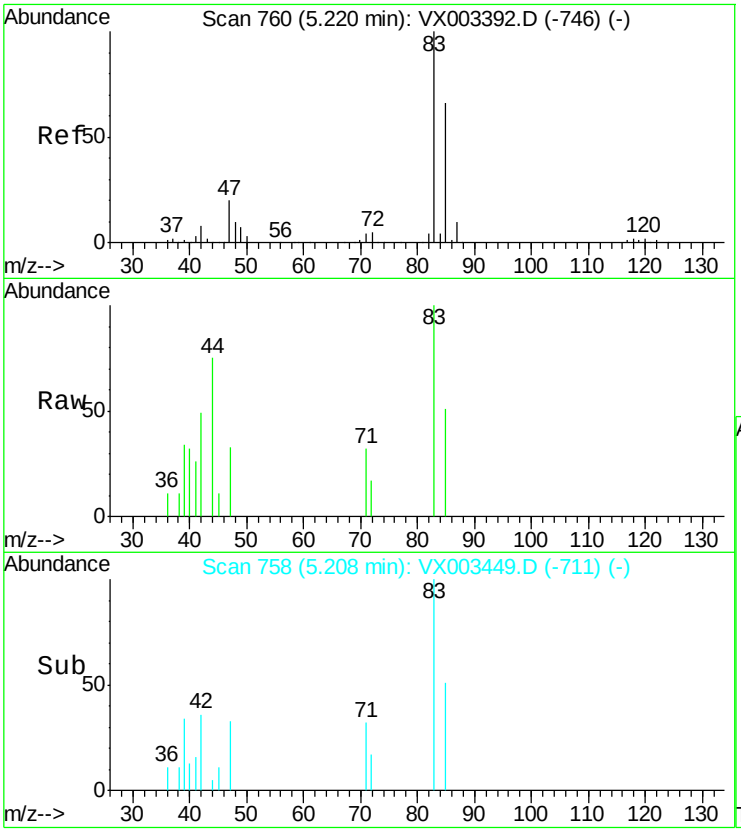


#29
Tetrahydrofuran
Concen: 1.53 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 42 Resp: 2353

Ion	Ratio	Lower	Upper
42	100		
72	42.0	32.0	48.0
71	36.2	30.1	45.1



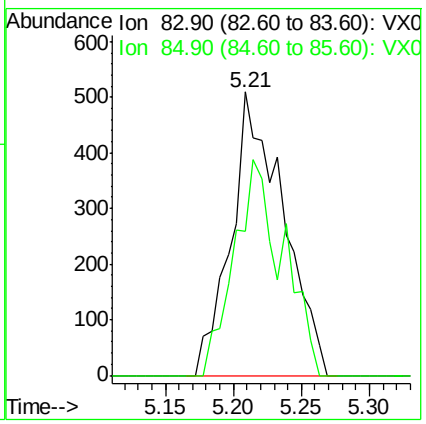


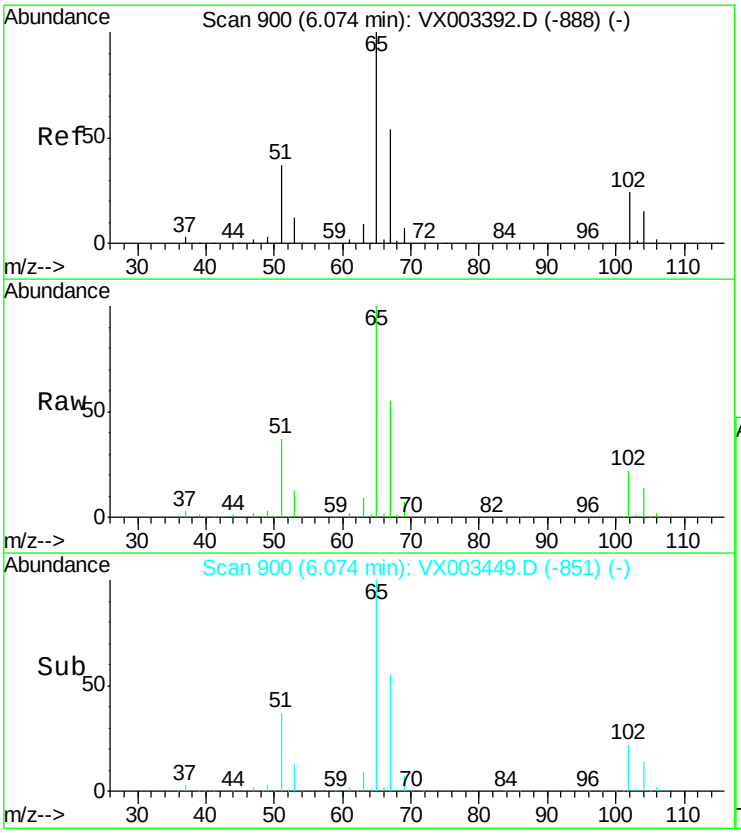
#30
Chloroform
Concen: 0.25 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1354

Ion	Ratio	Lower	Upper
83	100		
85	50.7	50.4	75.6

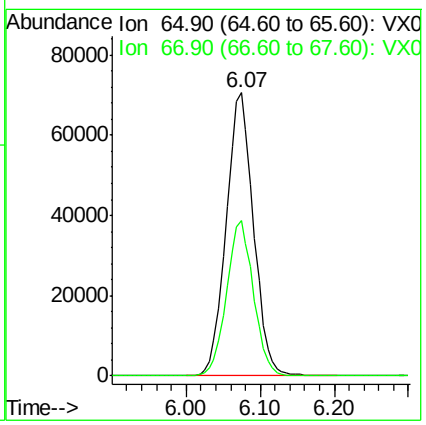


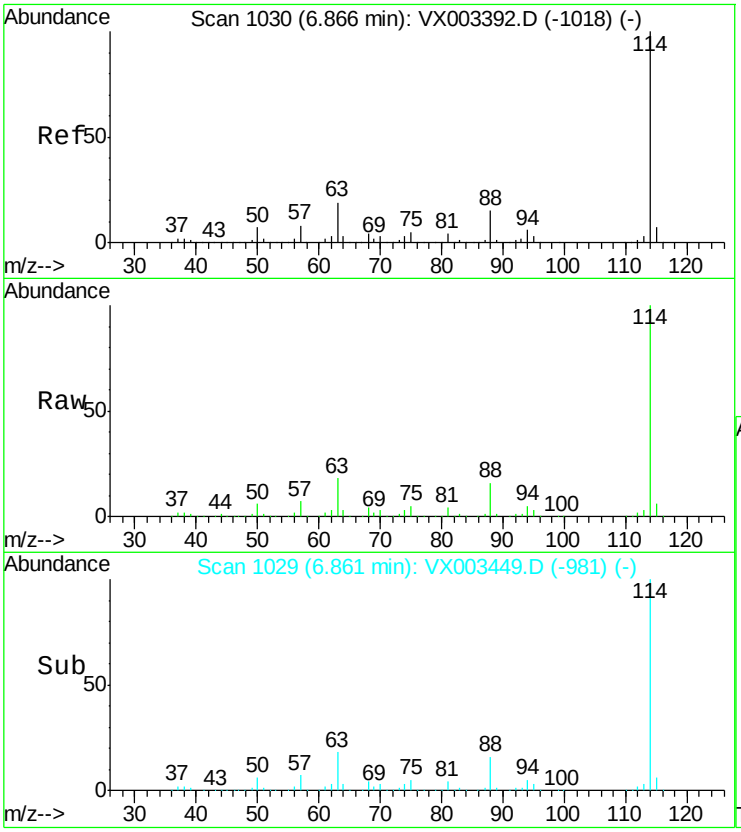


#33
1,2-Dichloroethane-d4
Concen: 48.64 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 65 Resp: 181163

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	102.6



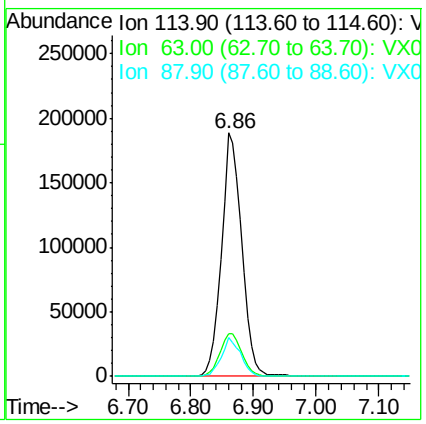


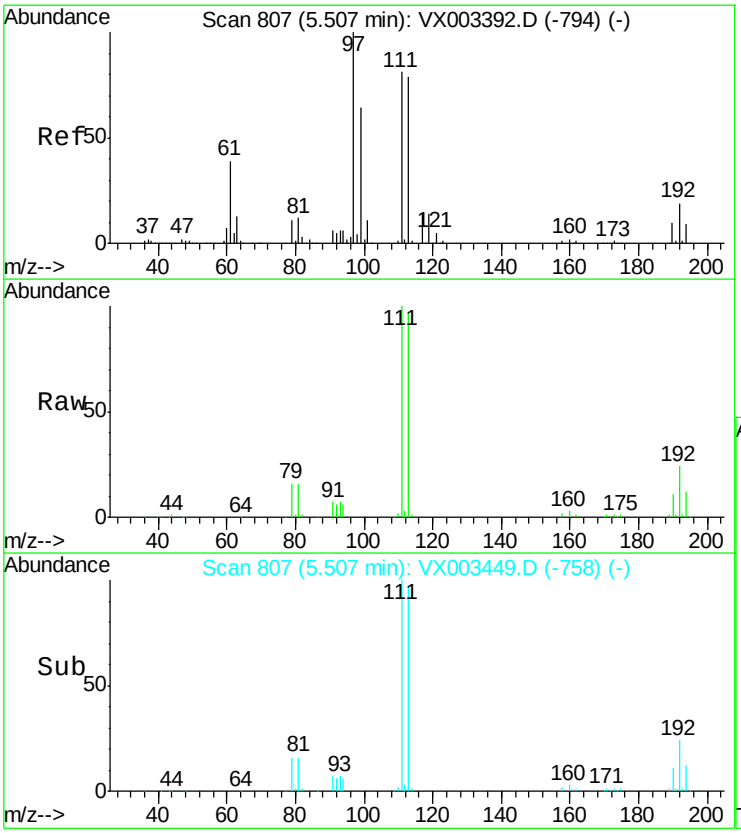
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 421560

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	41.4
88	15.8	0.0	30.0

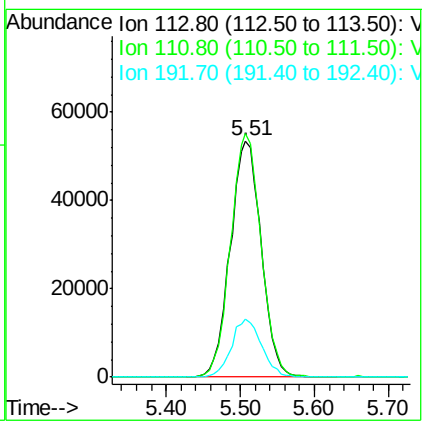


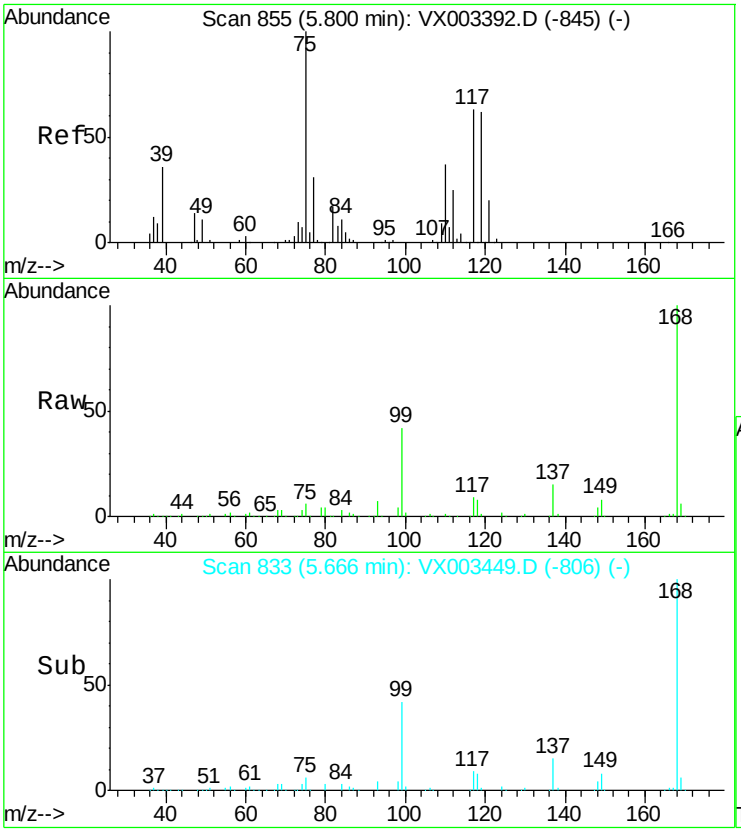


#35
Dibromofluoromethane
Concen: 45.66 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion:113 Resp: 155754

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	23.9	19.1	28.7



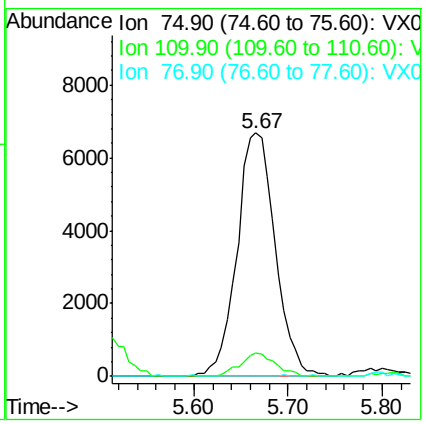


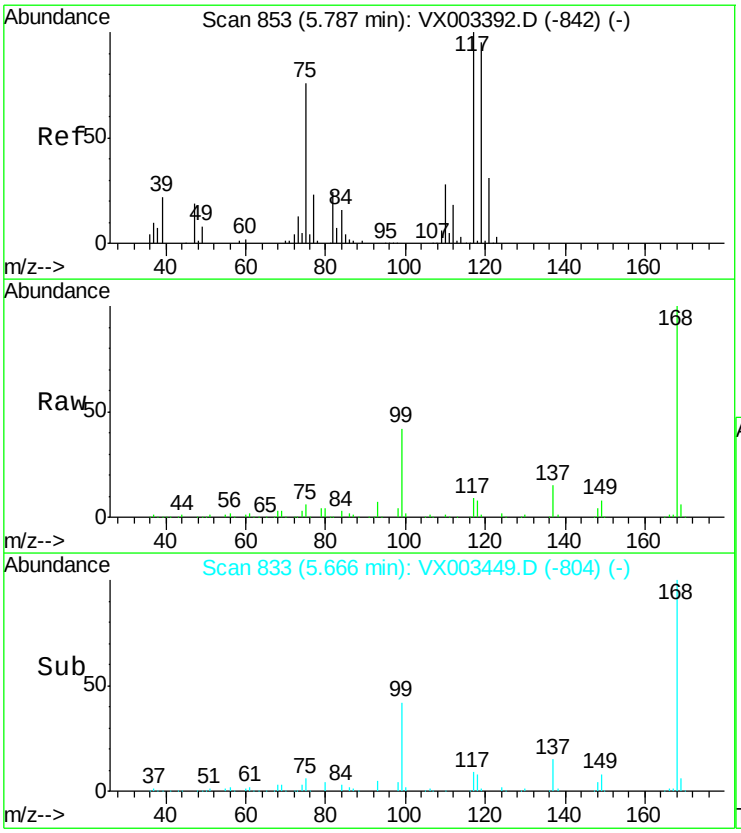
#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 18954

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	24.3	36.5#

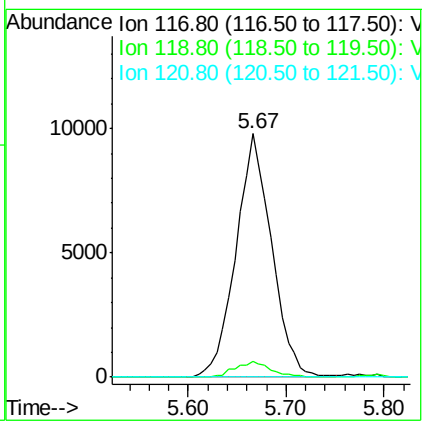


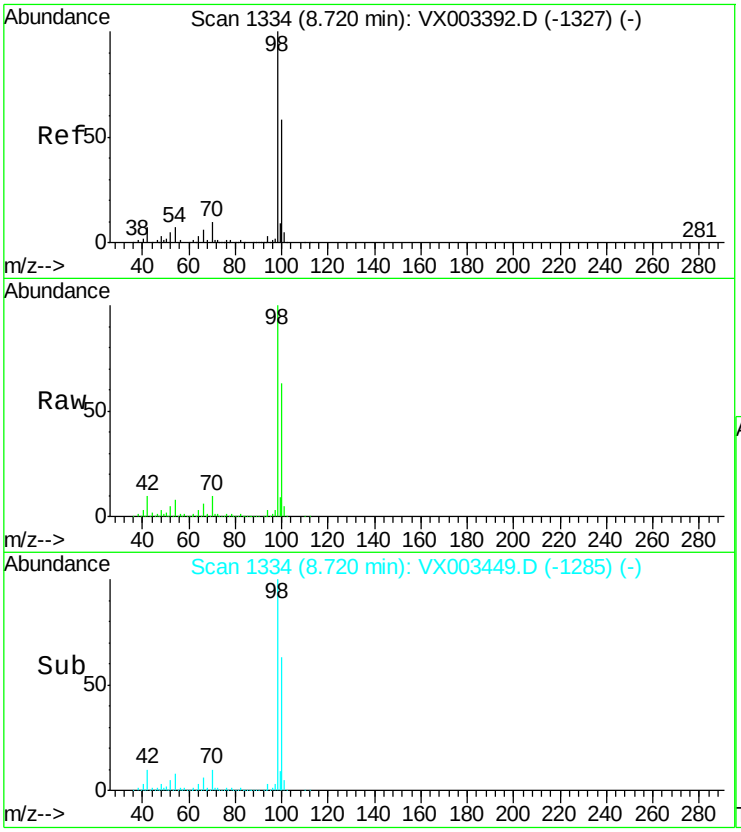


#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion:117 Resp: 24723

Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.4	116.0#
121	0.0	24.4	36.6#



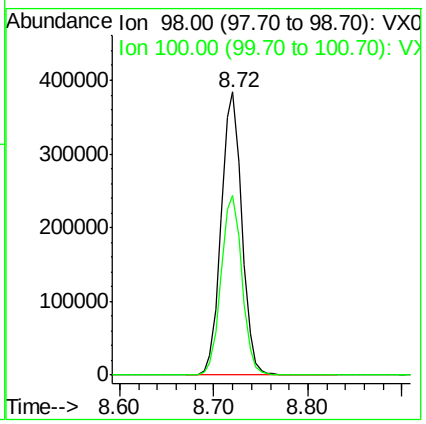


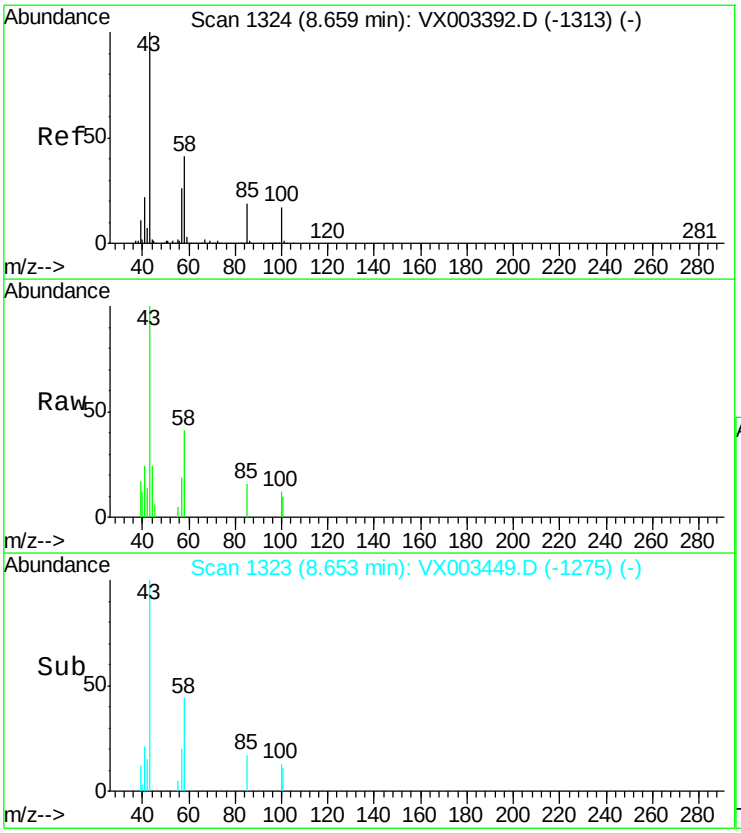
#50
Toluene-d8
Concen: 46.44 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 584586

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3

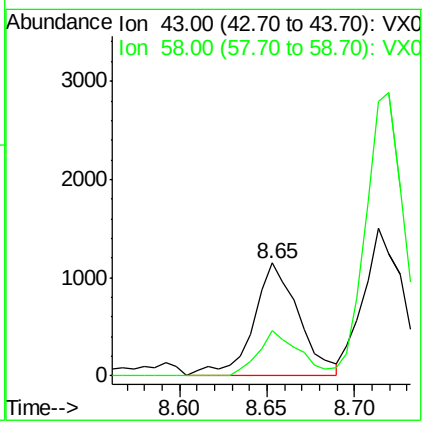


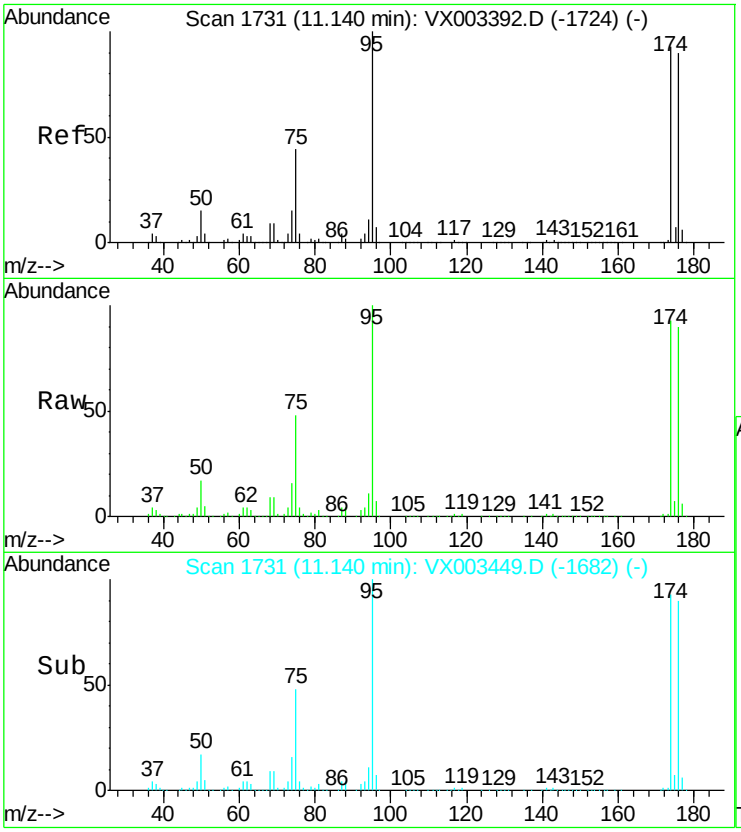


#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 43 Resp: 2086

Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.6	42.8



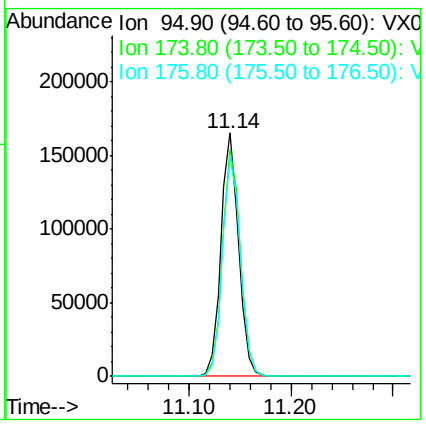


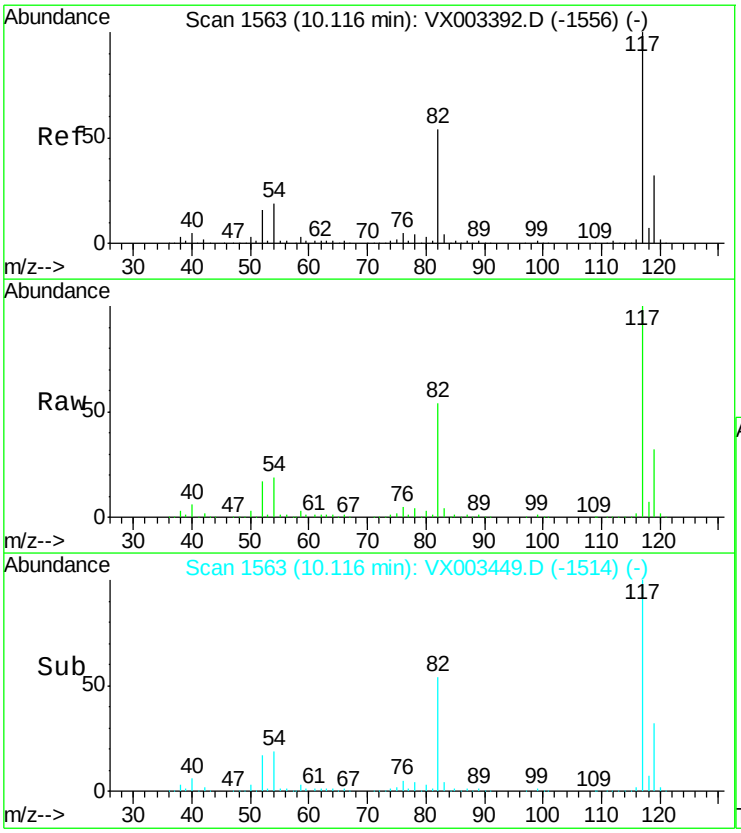
#62
4-Bromofluorobenzene
Concen: 44.21 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 198676

Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	187.4
176	91.9	0.0	181.0

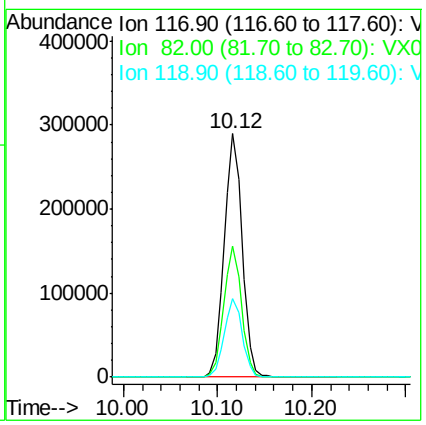


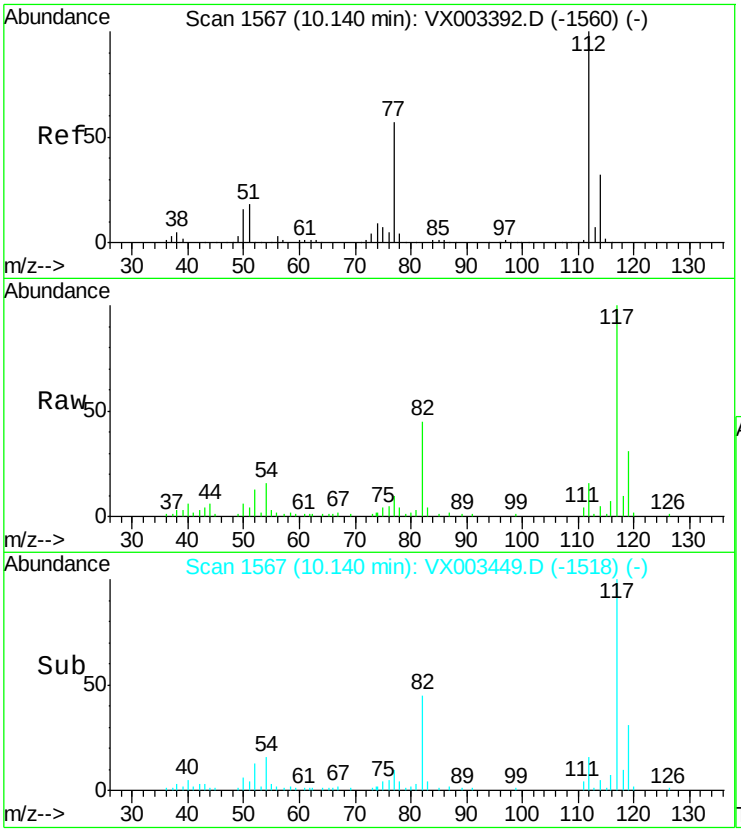


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion:117 Resp: 383098

Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.4
119	32.5	25.8	38.6



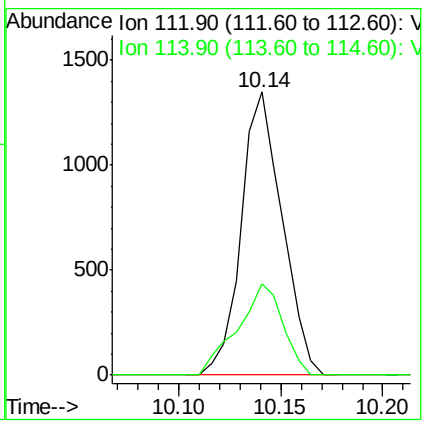


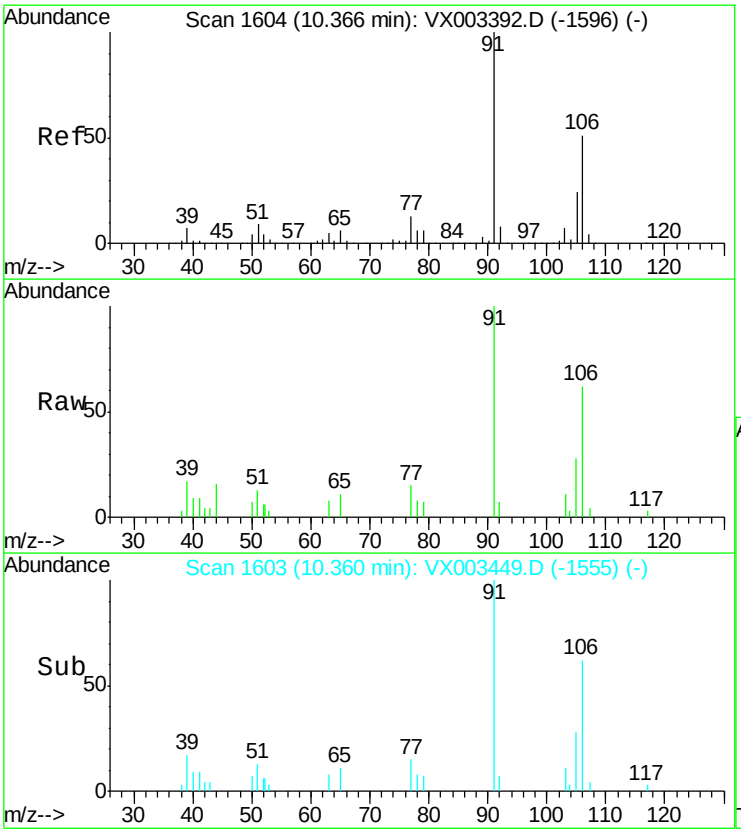
#65
Chlorobenzene
Concen: 0.21 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 1884

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.3	37.9

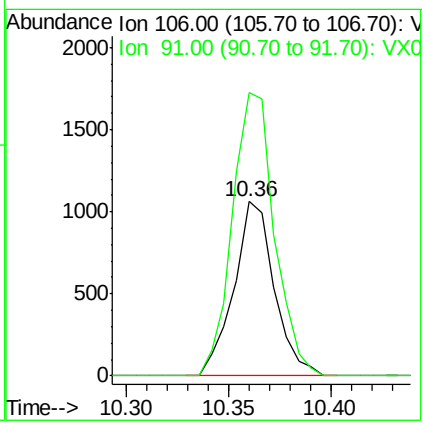


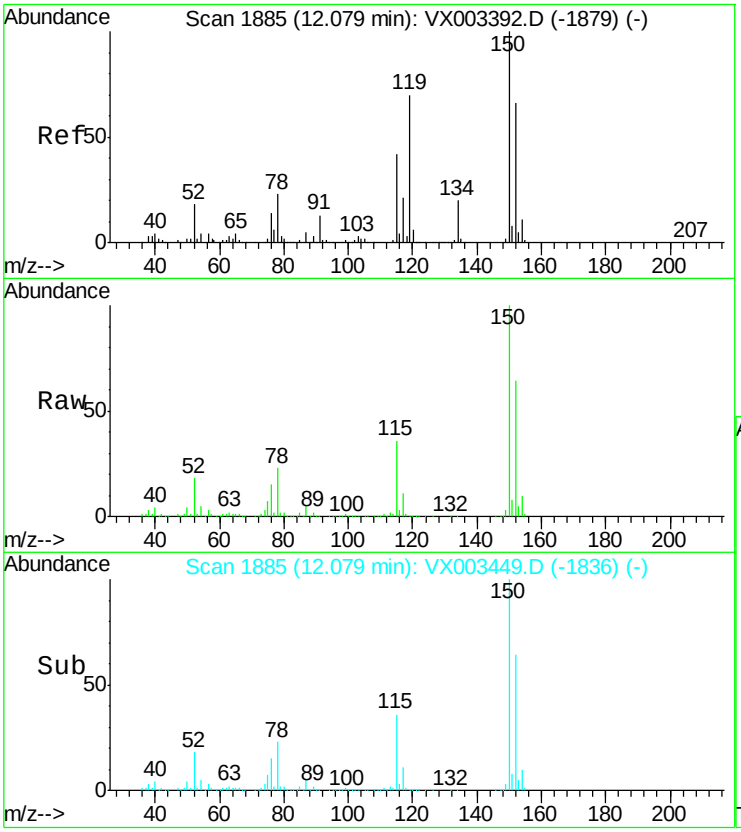


#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion:106 Resp: 1466

Ion	Ratio	Lower	Upper
106	100		
91	168.3	163.4	245.2



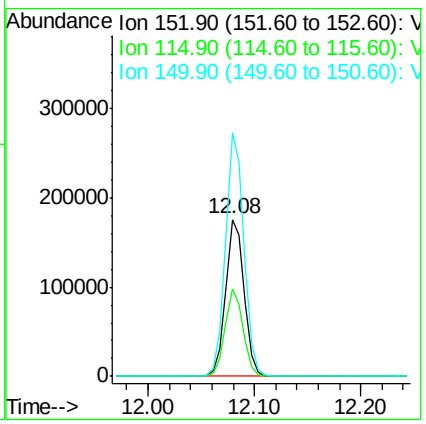


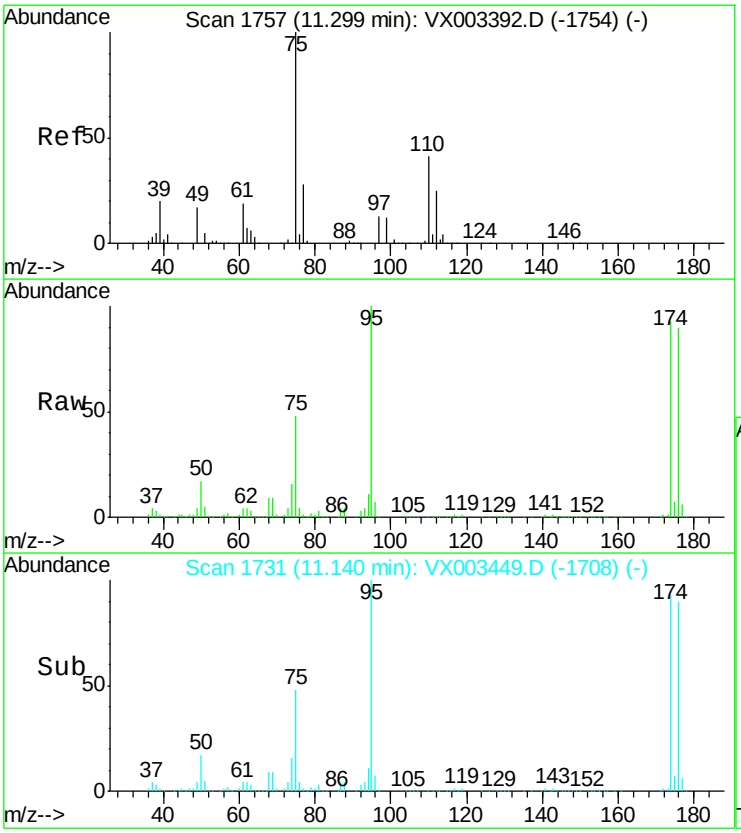
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 213458

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	155.0	0.0	347.2

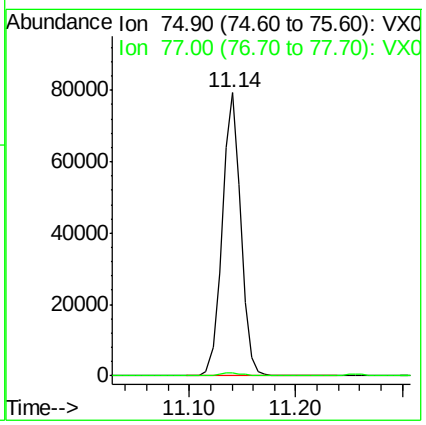


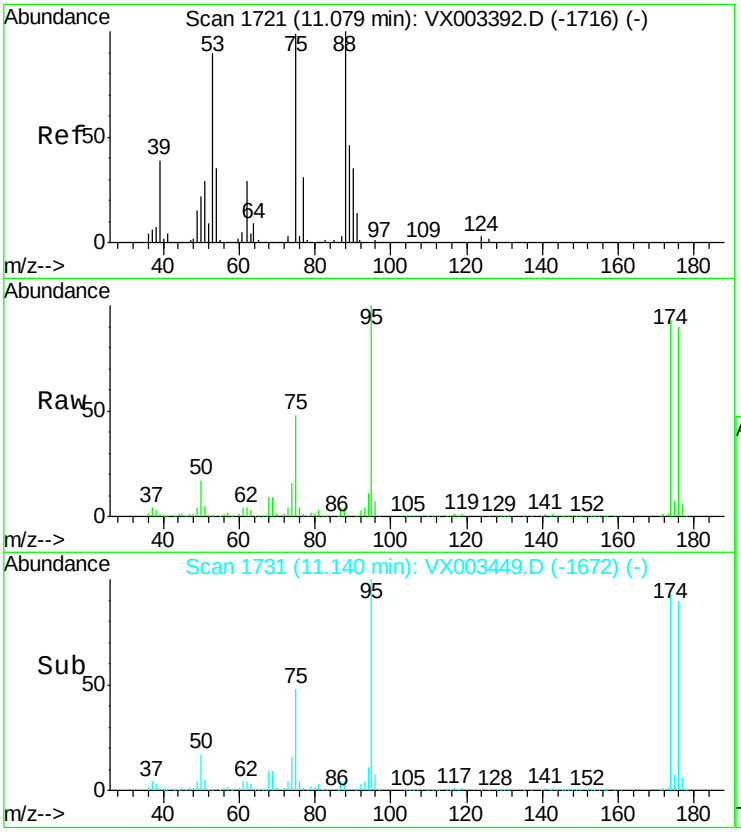


#76
1,2,3-Trichloropropane
Concen: 24.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion: 75 Resp: 96420

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



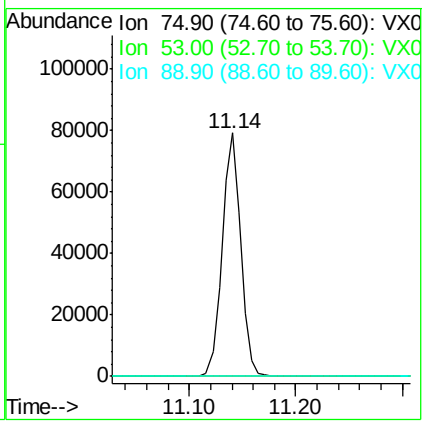


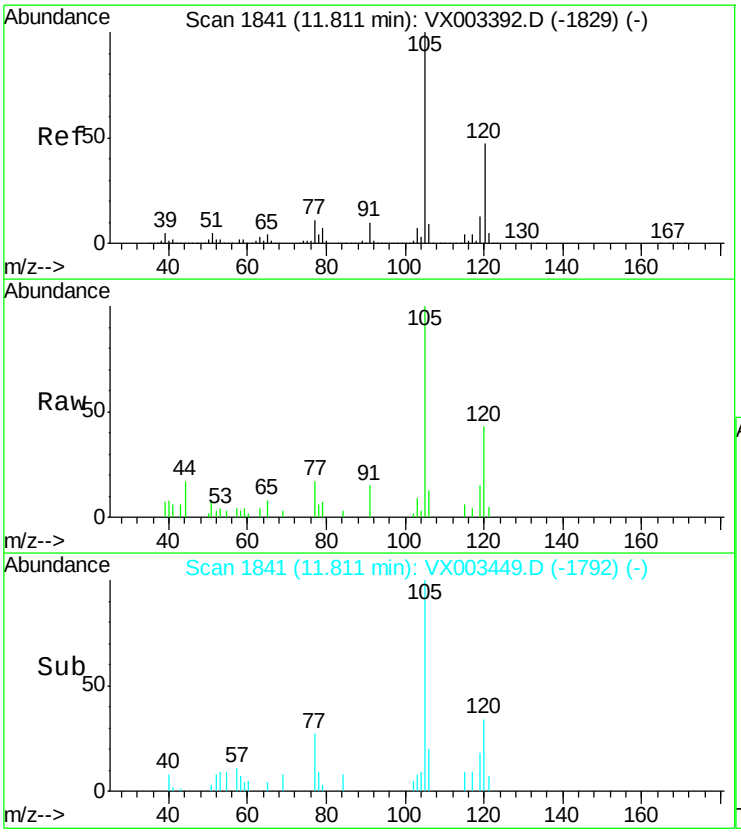
#81
trans-1,4-Dichloro-2-butene
Concen: 81.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 96420

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

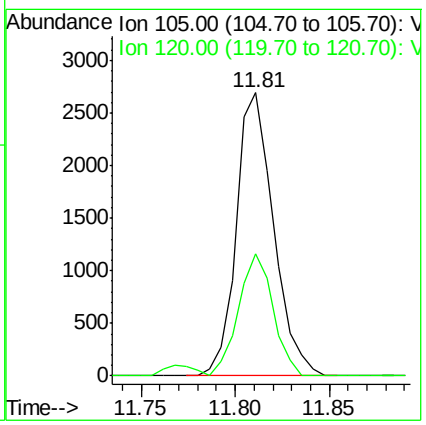


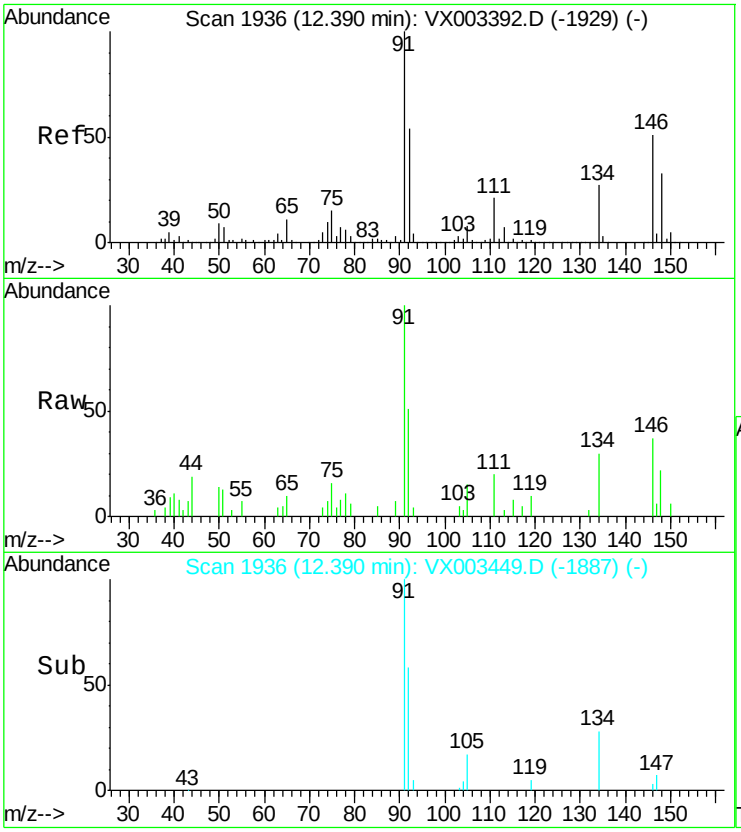


#84
1,2,4-Trimethylbenzene
Concen: 0.32 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion:105 Resp: 3681

Ion	Ratio	Lower	Upper
105	100		
120	40.0	22.3	66.8



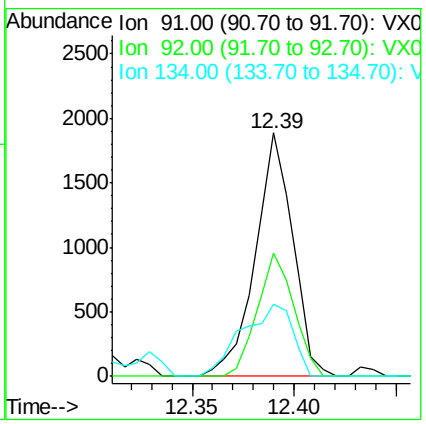


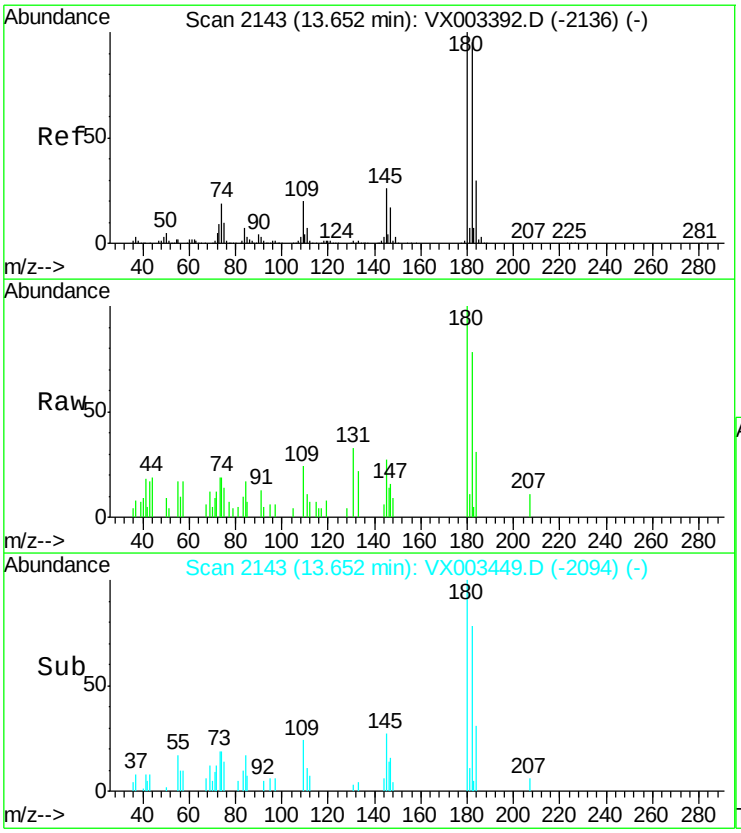
#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 2420

Ion	Ratio	Lower	Upper
91	100		
92	49.4	26.0	78.0
134	39.8	13.5	40.5

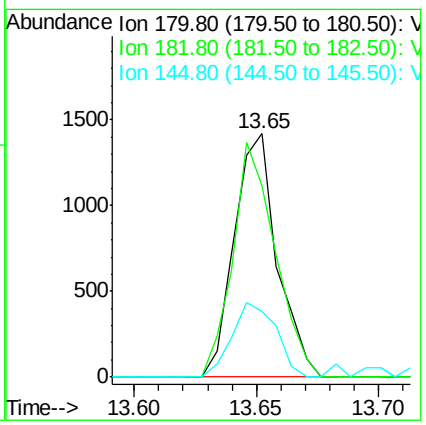


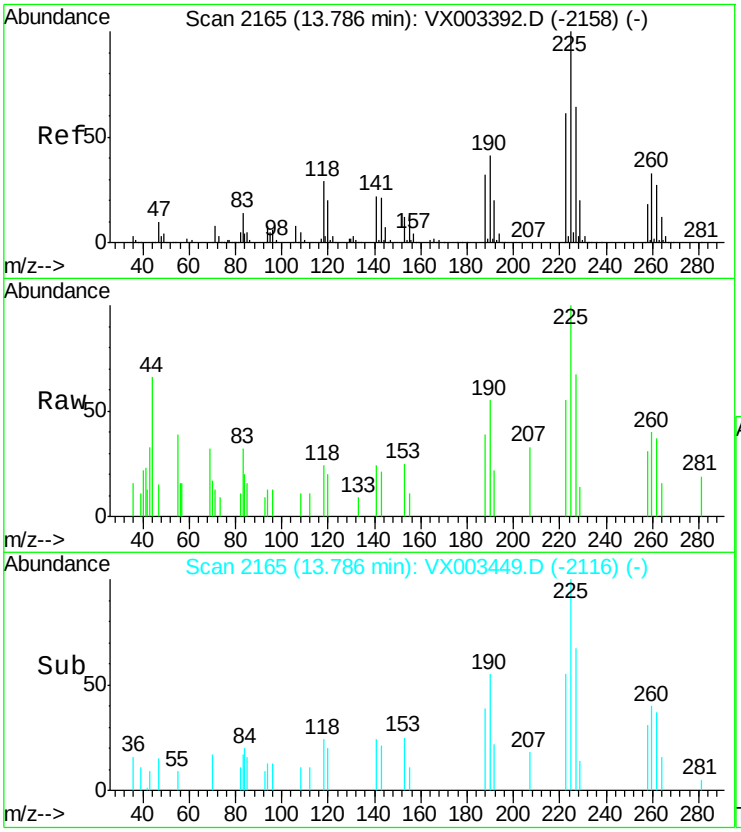


#93
1,2,4-Trichlorobenzene
Concen: 0.35 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion:180 Resp: 1723

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	31.5	14.1	42.4



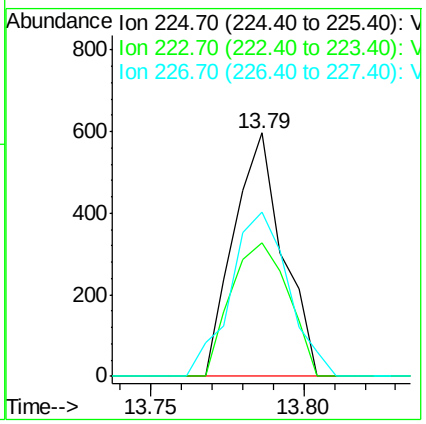


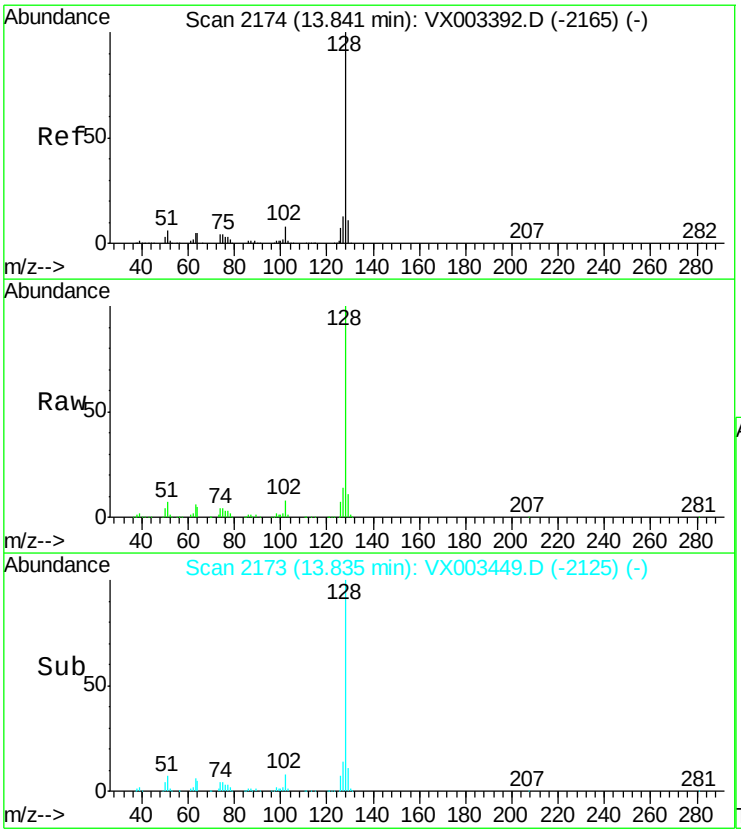
#94
Hexachlorobutadiene
Concen: 0.28 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 660

Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.6	95.0
227	80.5	32.4	97.2

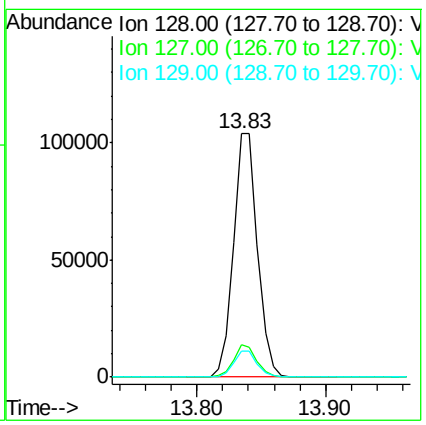


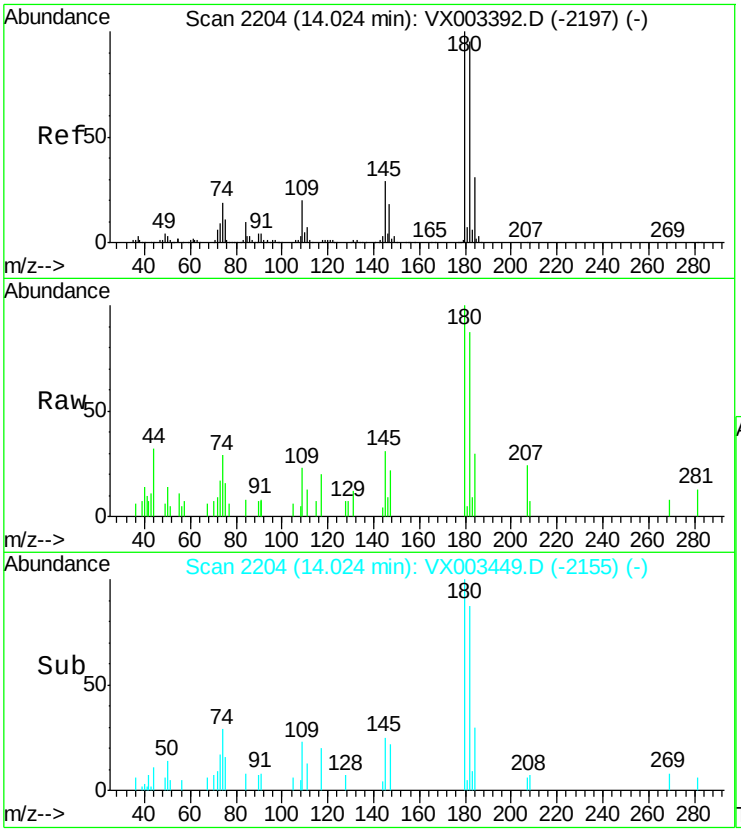


#95
Naphthalene
Concen: 9.65 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Tgt Ion:128 Resp: 135069

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.28 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003449.D
Acq: 18 Jul 2018 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1428

Ion	Ratio	Lower	Upper
180	100		
182	90.1	48.0	144.0
145	42.4	14.8	44.3