Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
Data File : VX003404.D
Acq On : 16 Jul 2018 21:53
Operator : JC/MD
Sample : PB111123ZHE#12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#12

Quant Time: Jul 17 01:59:54 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	269802	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	390631	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	348588	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203829	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	167416	47.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.76%				
35) Dibromofluoromethane	5.51	113	151680	47.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.98%				
50) Toluene-d8	8.72	98	585585	50.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.42%				
62) 4-Bromofluorobenzene	11.14	95	195785	47.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.04%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	989	0.30	ug/l		97
5) Bromomethane	1.65	94	2093	Below Cal			93
6) Chloroethane	1.76	64	2633	Below Cal		#	65
8) Diethyl Ether	2.20	74	482	0.24	ug/l		91
10) Methyl Iodide	2.52	142	2234	0.69	ug/l		94
11) Tert butyl alcohol	3.08	59	986	1.24	ug/l	#	87
13) Acrolein	2.30	56	265	0.70	ug/l	#	78
16) Acetone	2.45	43	26114	17.77	ug/l	#	87
17) Carbon Disulfide	2.57	76	1606	0.21	ug/l	#	76
18) Methyl Acetate	2.78	43	9490	1.98	ug/l	#	90
20) Methylene Chloride	2.86	84	30471	8.85	ug/l		85
25) 2-Butanone	4.73	43	5159	2.24	ug/l		91
29) Tetrahydrofuran	5.18	42	1410	0.97	ug/l		98
36) 1,1-Dichloropropene	5.67	75	17132	4.33	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	23014	5.72	ug/l	#	17
43) Isopropyl Acetate	6.48	43	128438	19.09	ug/l	#	93
48) Methyl methacrylate	7.79	41	909	0.26	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.63	43	2465	0.56	ug/l	#	39
59) 2-Hexanone	9.55	43	11044	3.25	ug/l	#	61
74) N-amyl acetate	6.48	43	128438	20.46	ug/l	#	92
76) 1,2,3-Trichloropropane	11.14	75	99612	27.00	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	99612	87.70	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	252	0.28	ug/l	#	1

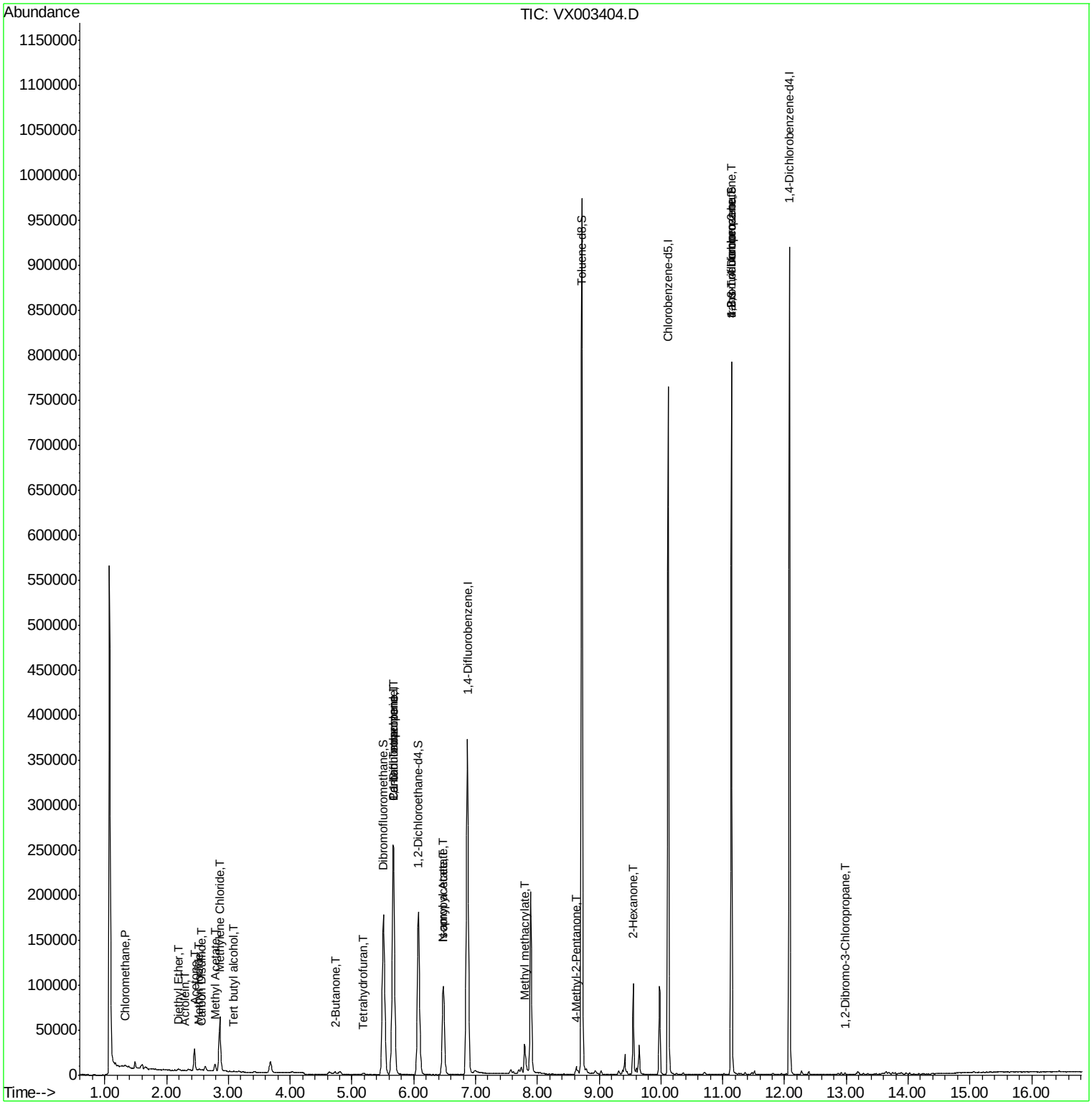
(#) = qualifier out of range (m) = manual integration (+) = signals summed

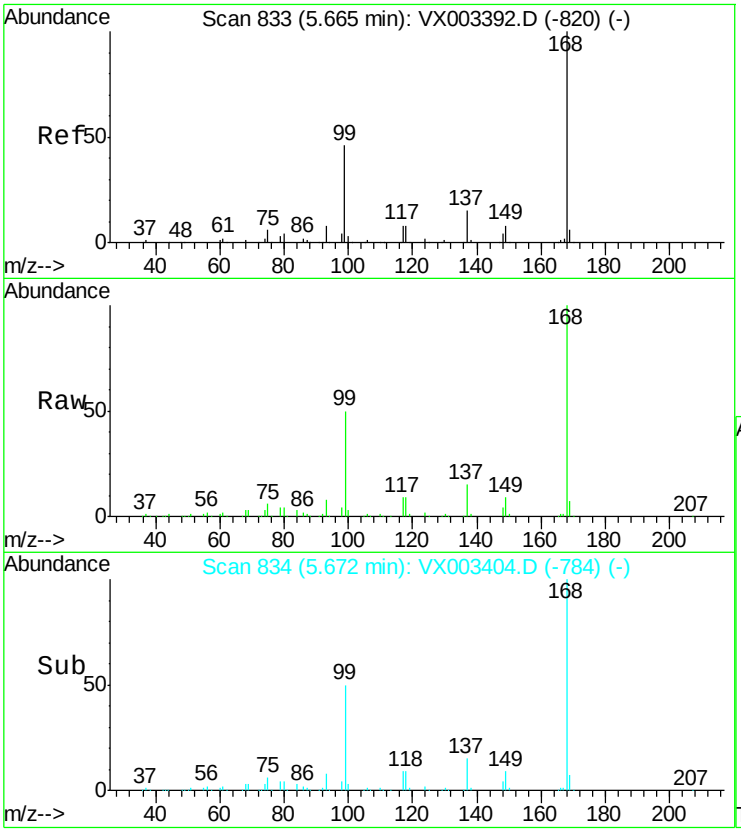
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Data File : VX003404.D
Acq On : 16 Jul 2018 21:53
Operator : JC/MD
Sample : PB111123ZHE#12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Quant Time: Jul 17 01:59:54 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



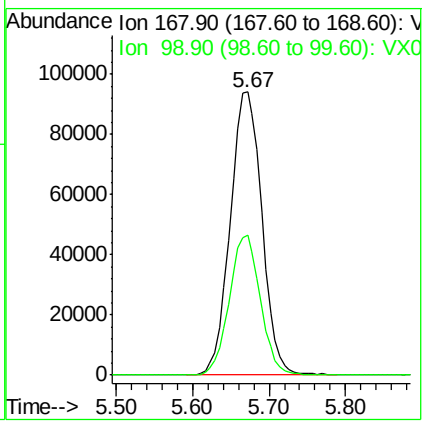


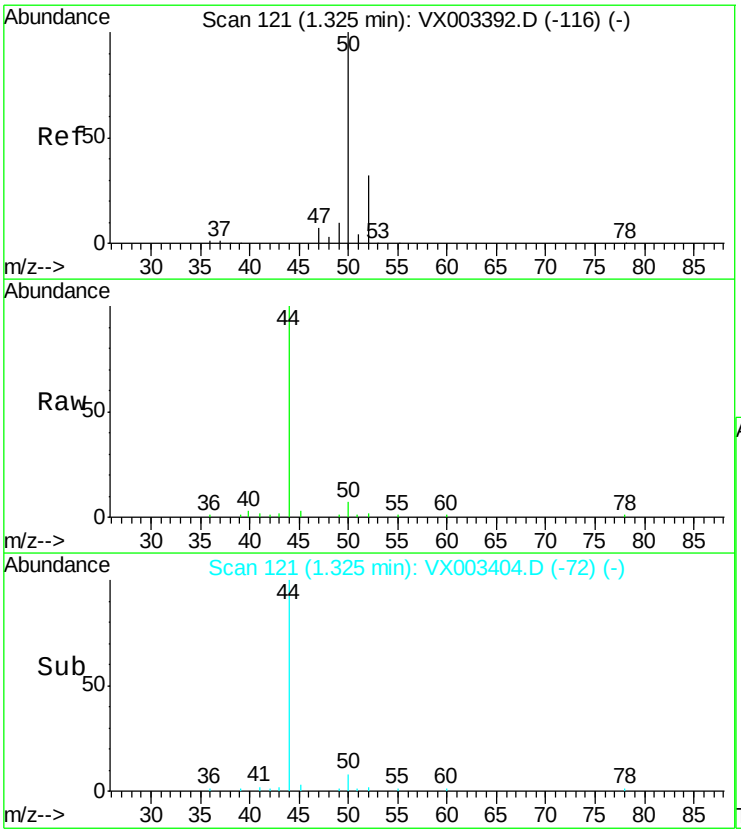
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion:168 Resp: 269802

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.3	58.9

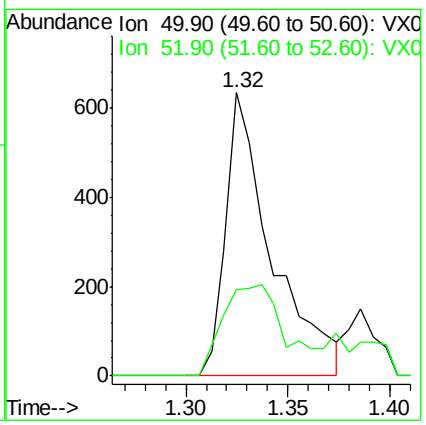


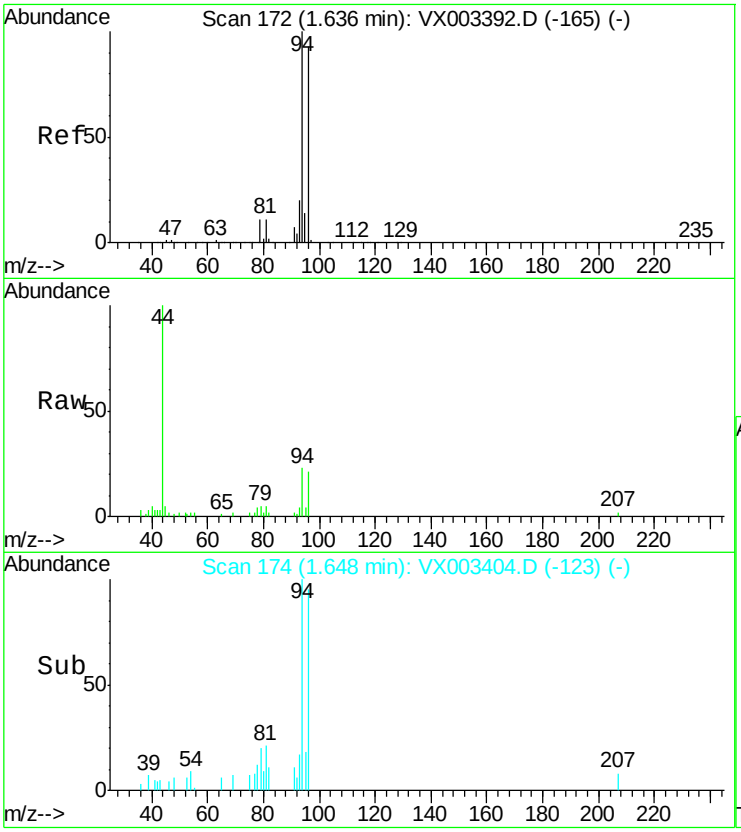


#3
Chloromethane
Concen: 0.30 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 50 Resp: 989

Ion	Ratio	Lower	Upper
50	100		
52	30.3	25.7	38.5



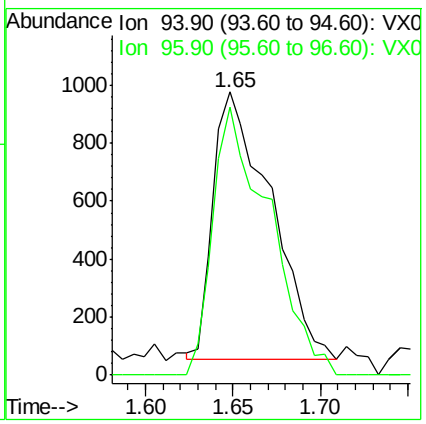


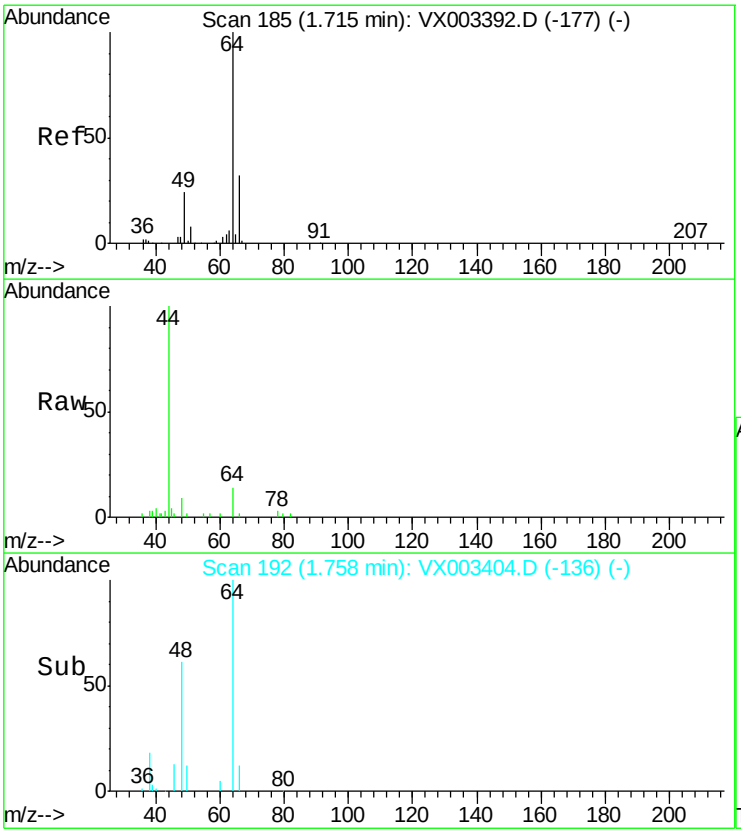
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion: 94 Resp: 2093

Ion	Ratio	Lower	Upper
94	100		
96	100.3	74.9	112.3

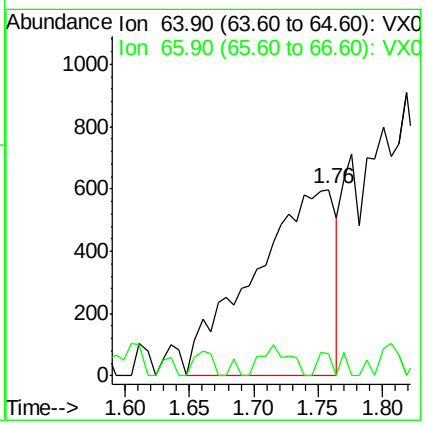


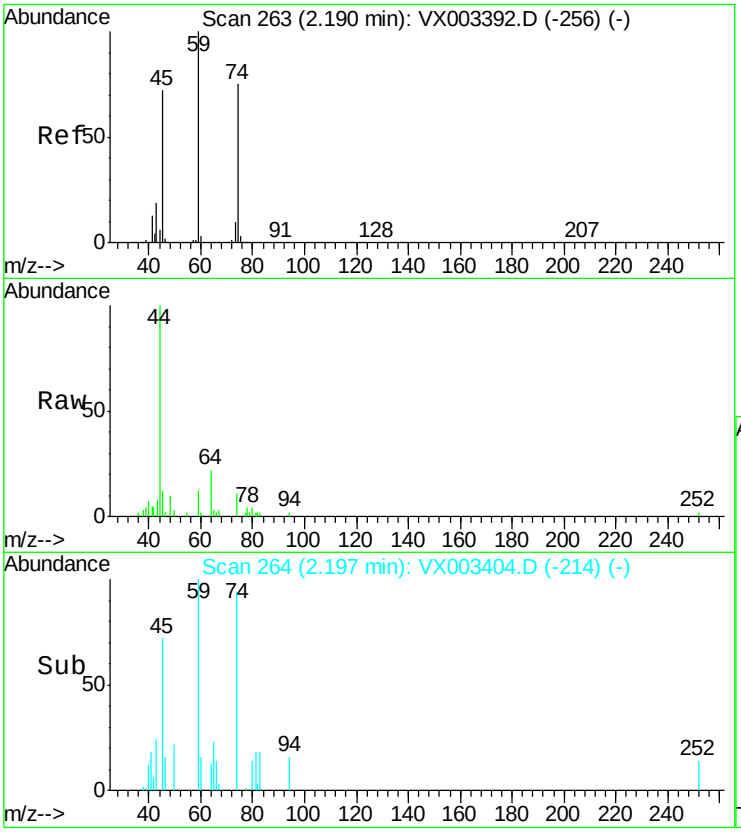


#6
Chloroethane
Concen: Below Cal
RT: 1.76 min Scan# 192
Delta R.T. 0.04 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 64 Resp: 2633

Ion	Ratio	Lower	Upper
64	100		
66	12.2	25.5	38.3#



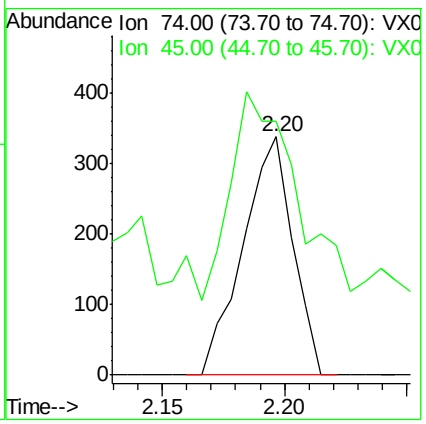


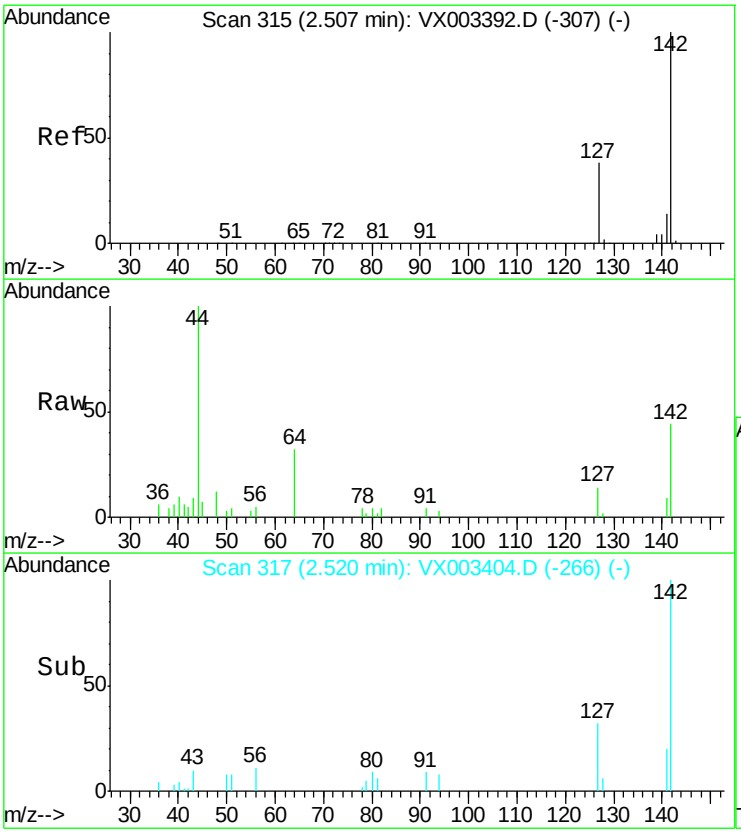
#8
Diethyl Ether
Concen: 0.24 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#12

Tgt Ion: 74 Resp: 482

Ion	Ratio	Lower	Upper
74	100		
45	115.1	53.1	159.4

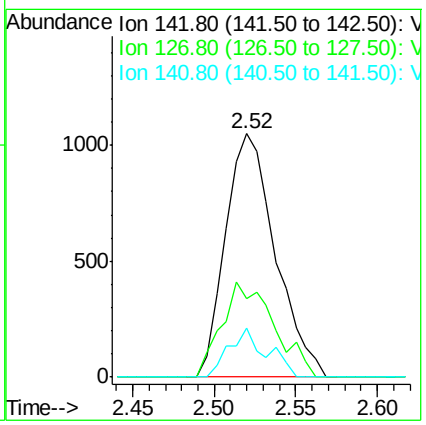


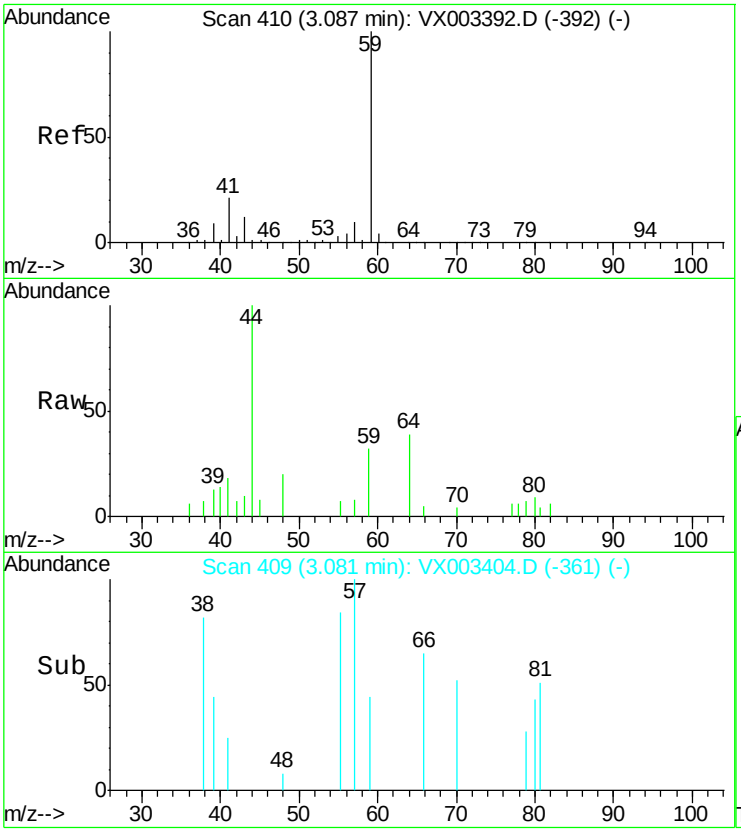


#10
Methyl Iodide
Concen: 0.69 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion:142 Resp: 2234

Ion	Ratio	Lower	Upper
142	100		
127	40.9	36.6	55.0
141	15.0	11.3	16.9



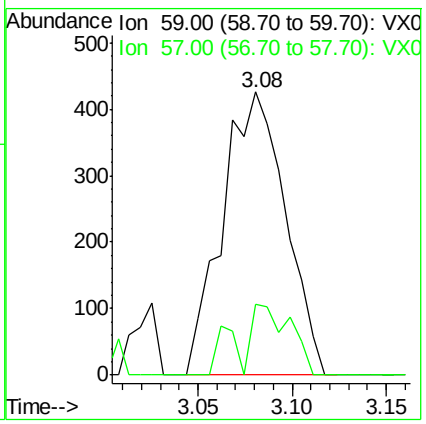


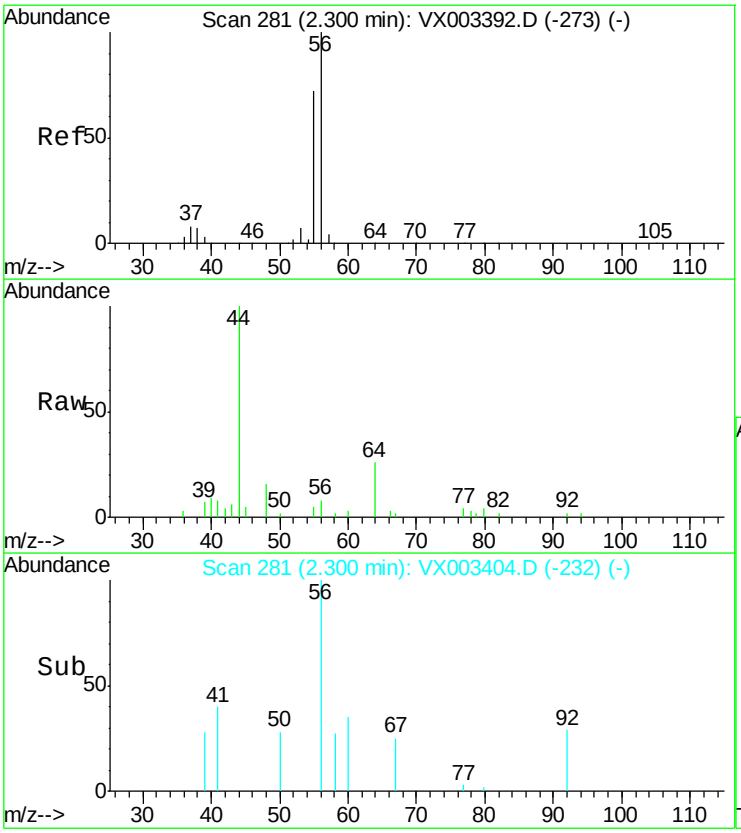
#11
Tert butyl alcohol
Concen: 1.24 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion: 59 Resp: 986

Ion	Ratio	Lower	Upper
59	100		
57	15.2	8.2	12.2#

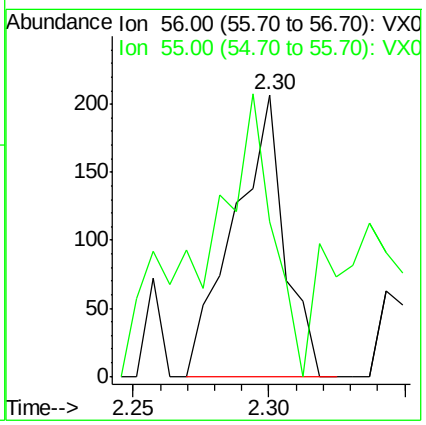


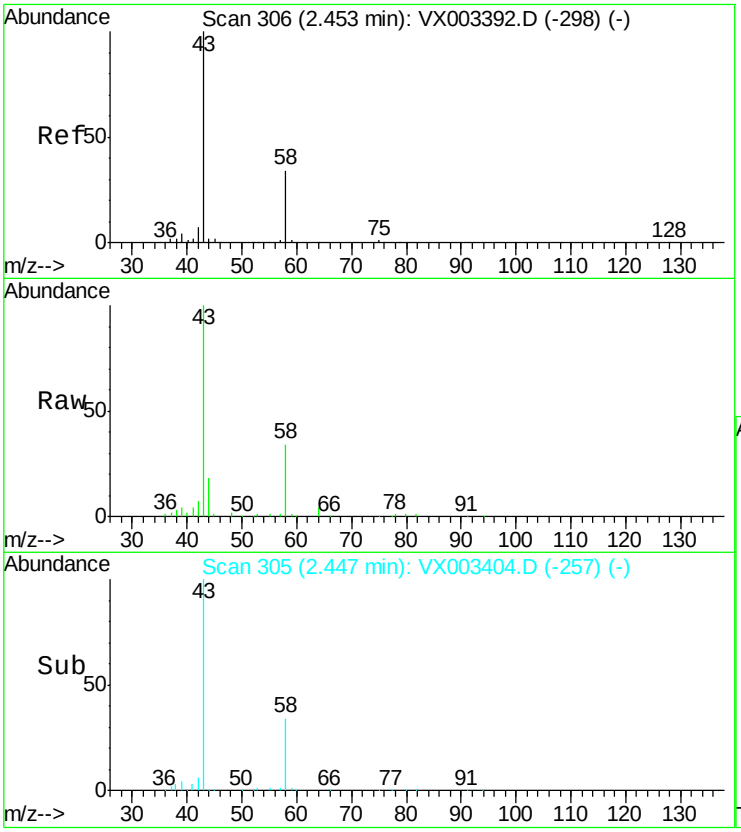


#13
Acrolein
Concen: 0.70 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 56 Resp: 265

Ion	Ratio	Lower	Upper
56	100		
55	89.1	57.0	85.4#



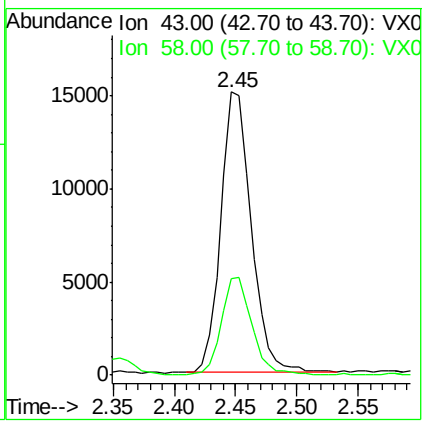


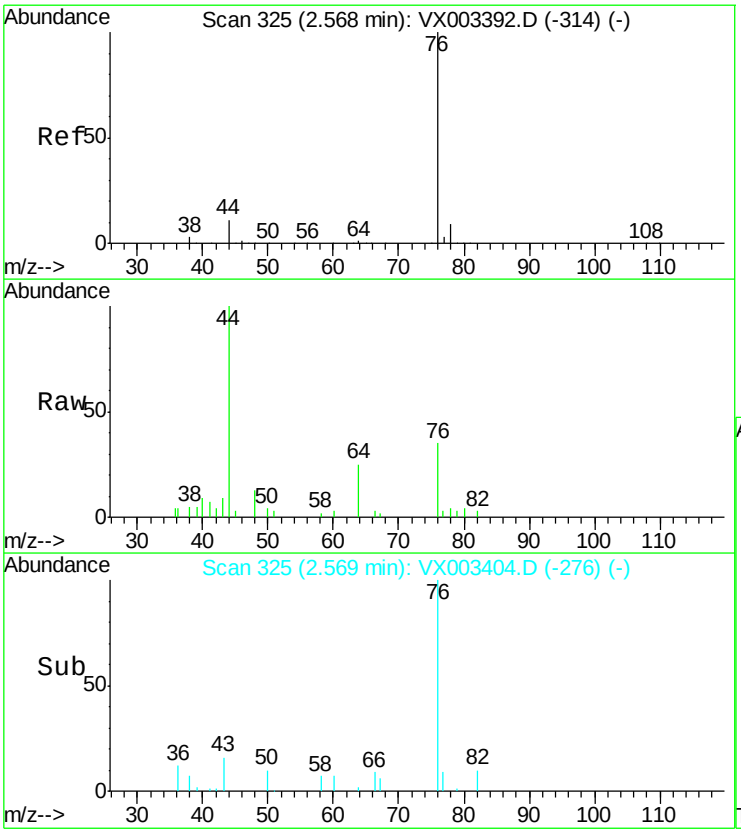
#16
Acetone
Concen: 17.77 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion: 43 Resp: 26114

Ion	Ratio	Lower	Upper
43	100		
58	34.3	22.1	33.1#

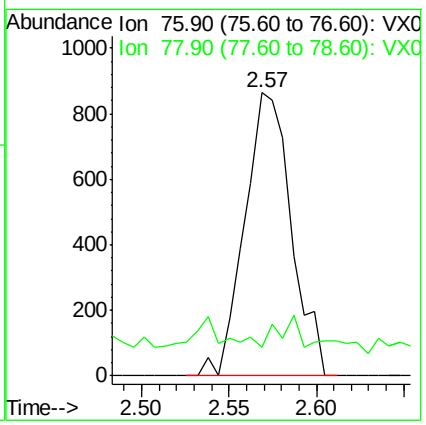


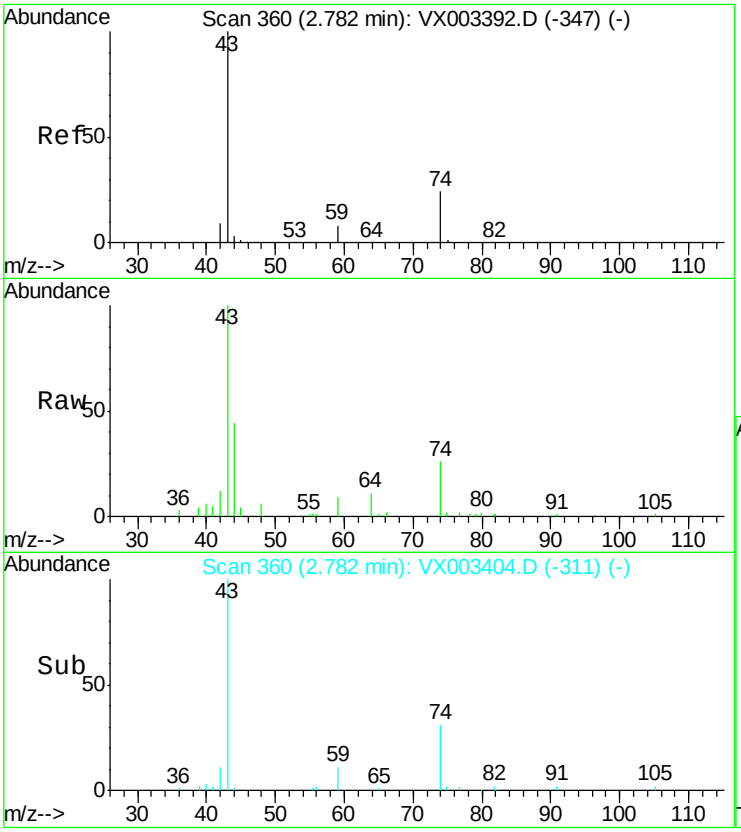


#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 76 Resp: 1606

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.9	10.3#



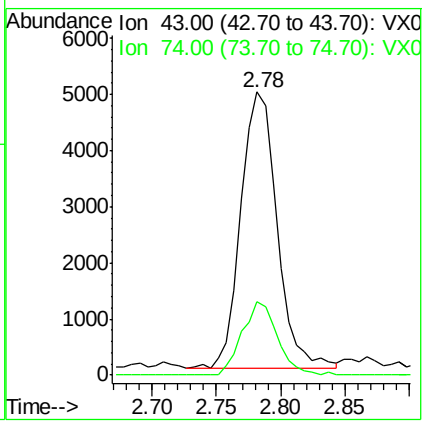


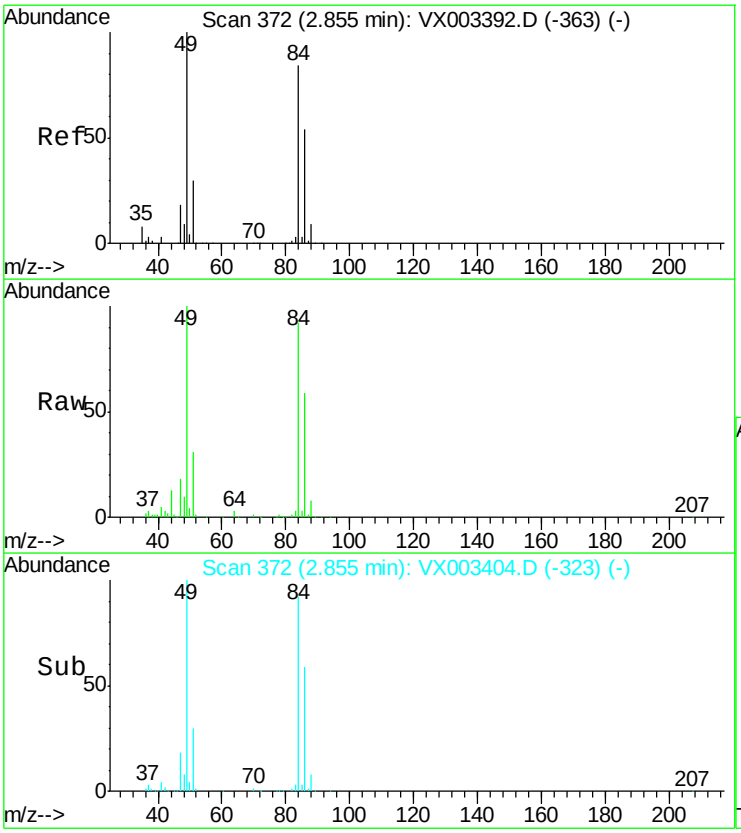
#18
Methyl Acetate
Concen: 1.98 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#12

Tgt Ion: 43 Resp: 9490

Ion	Ratio	Lower	Upper
43	100		
74	25.7	16.7	25.1#

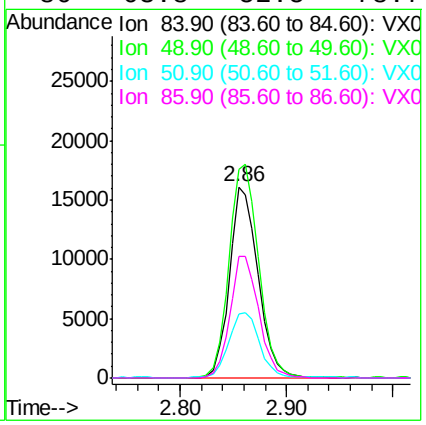


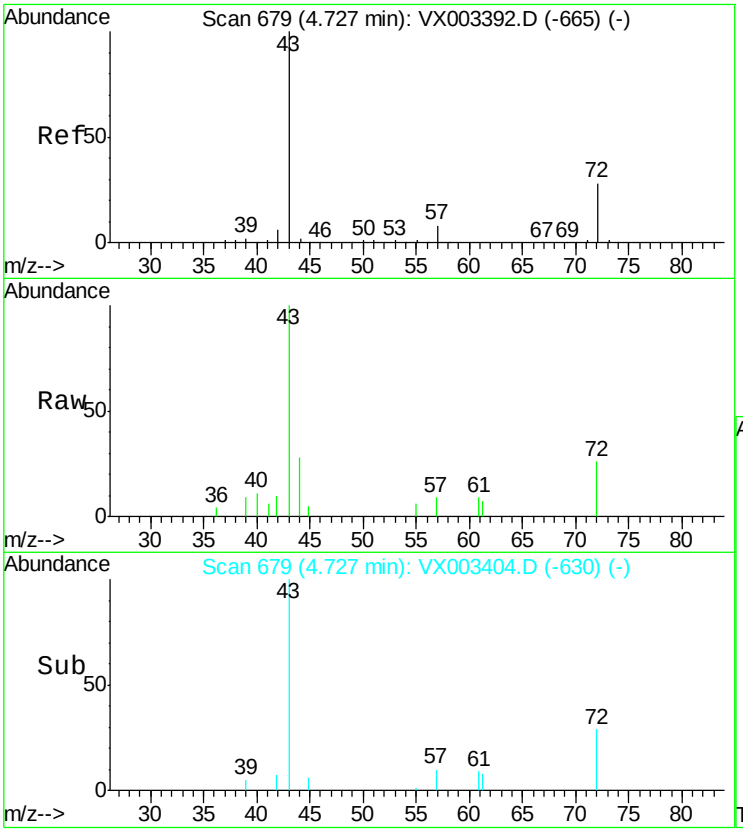


#20
Methylene Chloride
Concen: 8.85 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 84 Resp: 30471

Ion	Ratio	Lower	Upper
84	100		
49	108.8	107.8	161.6
51	33.5	32.8	49.2
86	63.8	52.5	78.7



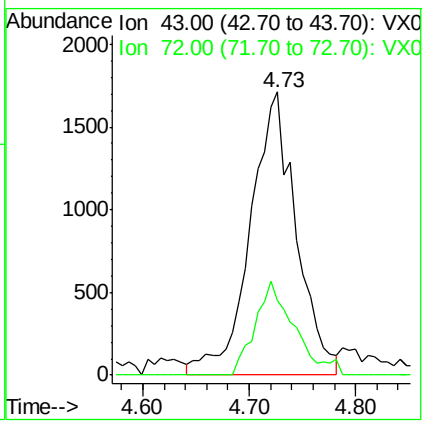


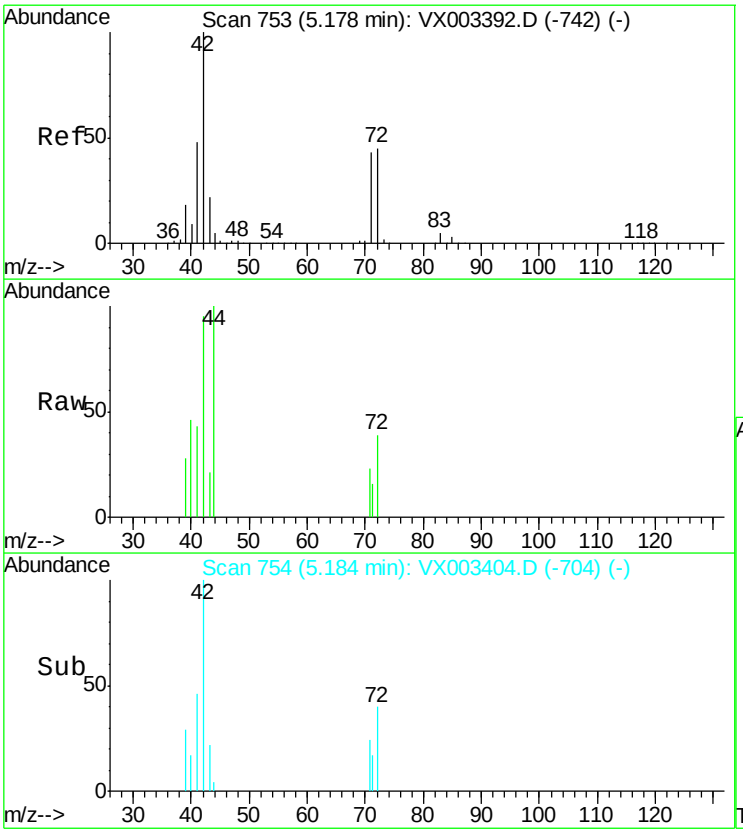
#25
2-Butanone
Concen: 2.24 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion: 43 Resp: 5159

Ion	Ratio	Lower	Upper
43	100		
72	27.5	18.5	27.7

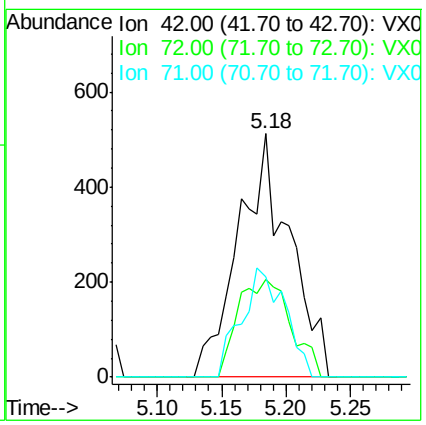


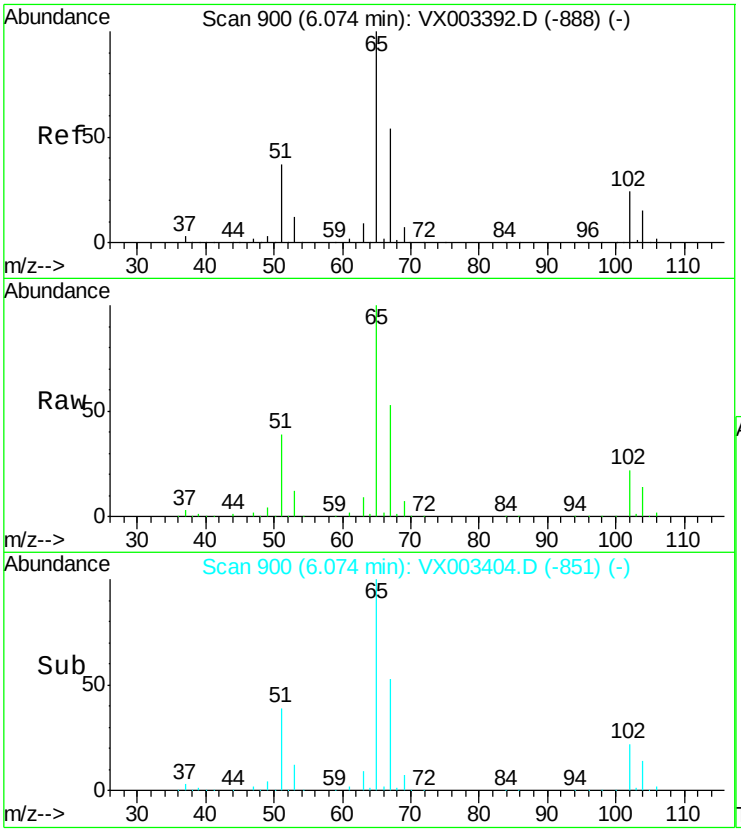


#29
Tetrahydrofuran
Concen: 0.97 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 42 Resp: 1410

Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.0	48.0
71	38.2	30.1	45.1



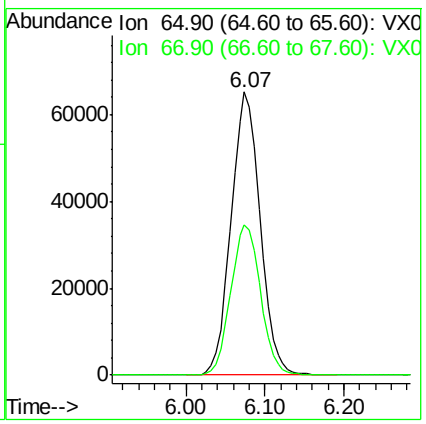


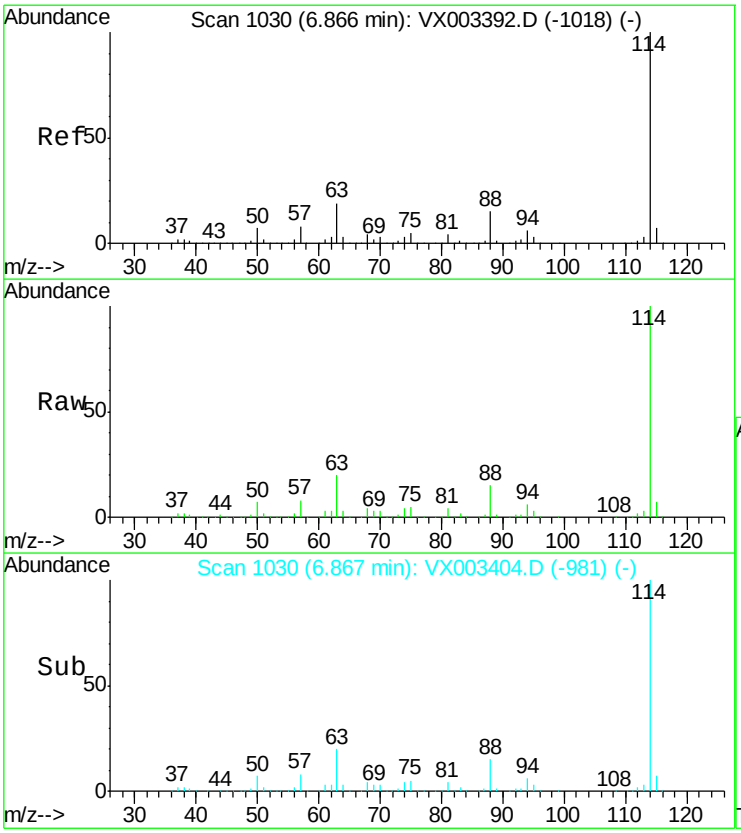
#33
1,2-Dichloroethane-d4
Concen: 47.38 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion: 65 Resp: 167416

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	102.6

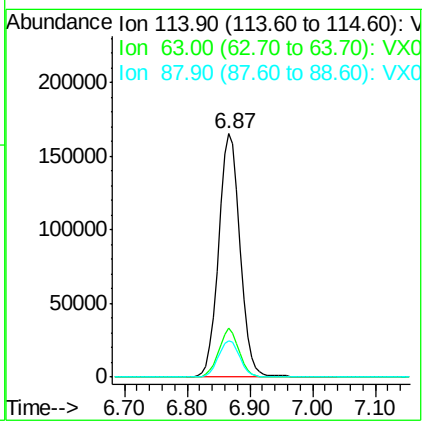


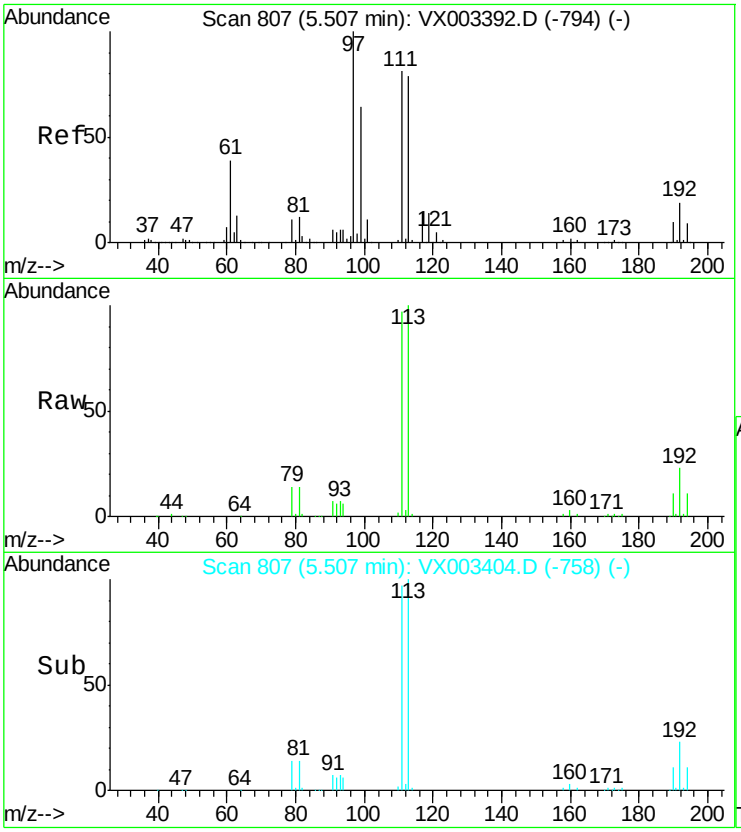


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion:114 Resp: 390631

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	14.9	0.0	30.0



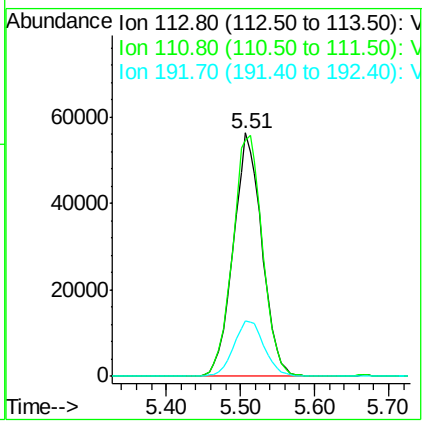


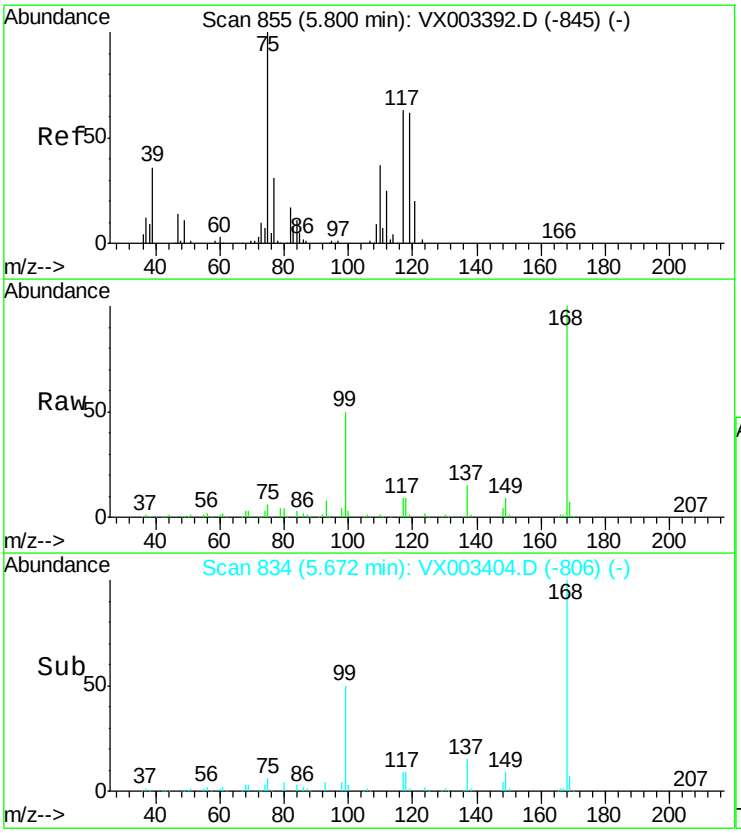
#35
Dibromofluoromethane
Concen: 47.99 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion:113 Resp: 151680

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	24.2	19.1	28.7

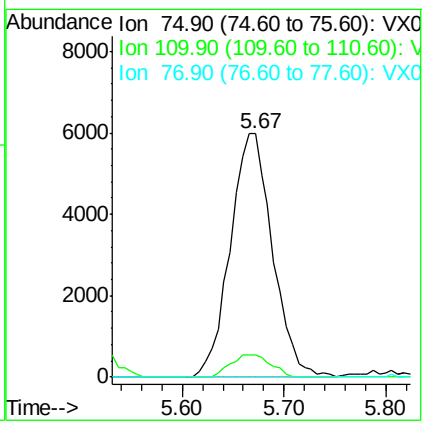


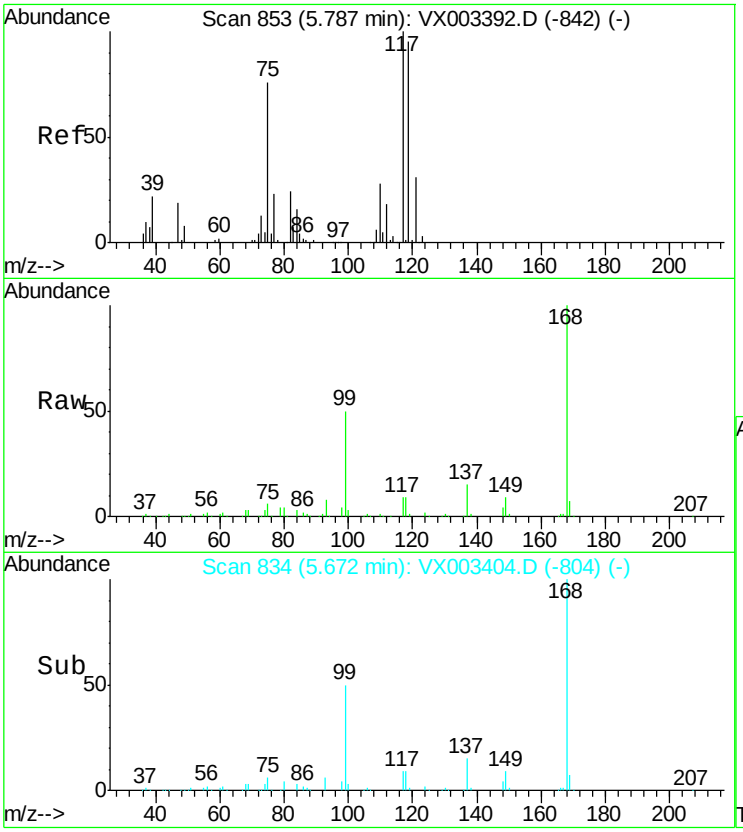


#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 75 Resp: 17132

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



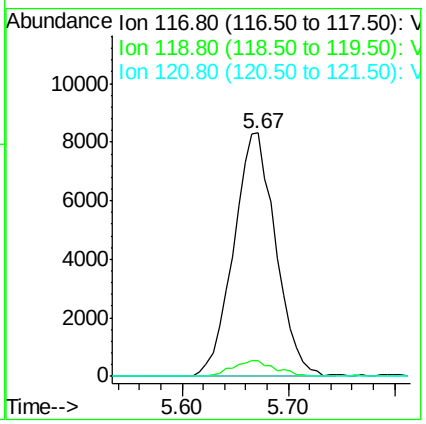


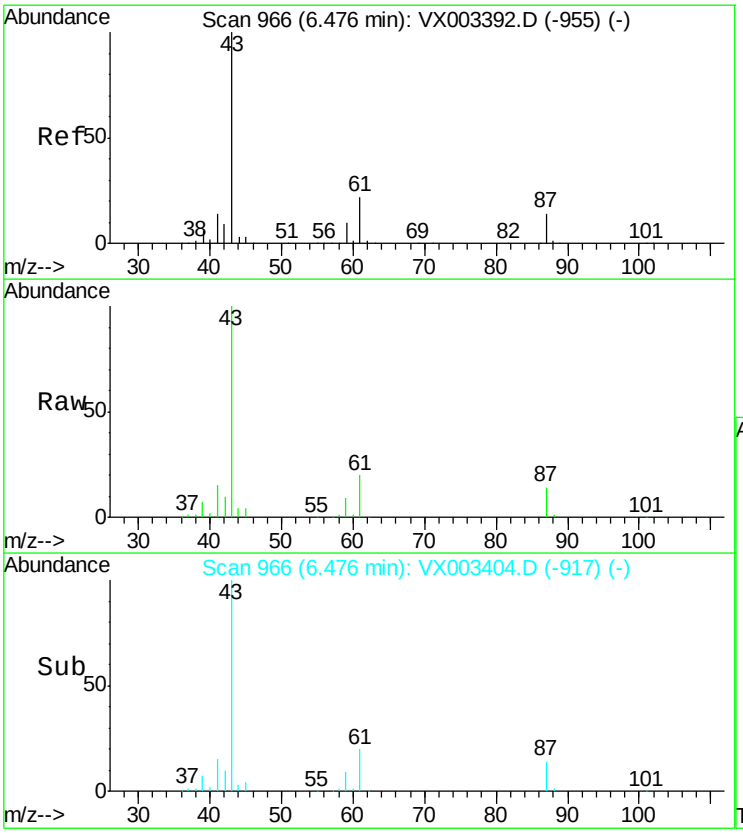
#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion:117 Resp: 23014

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

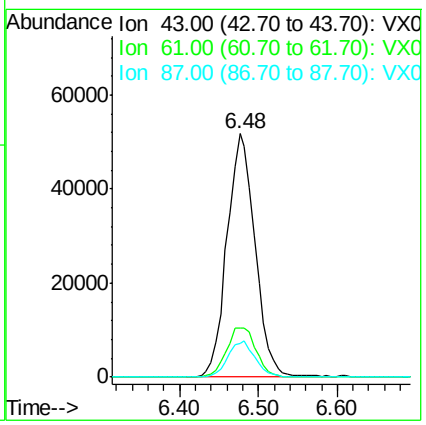


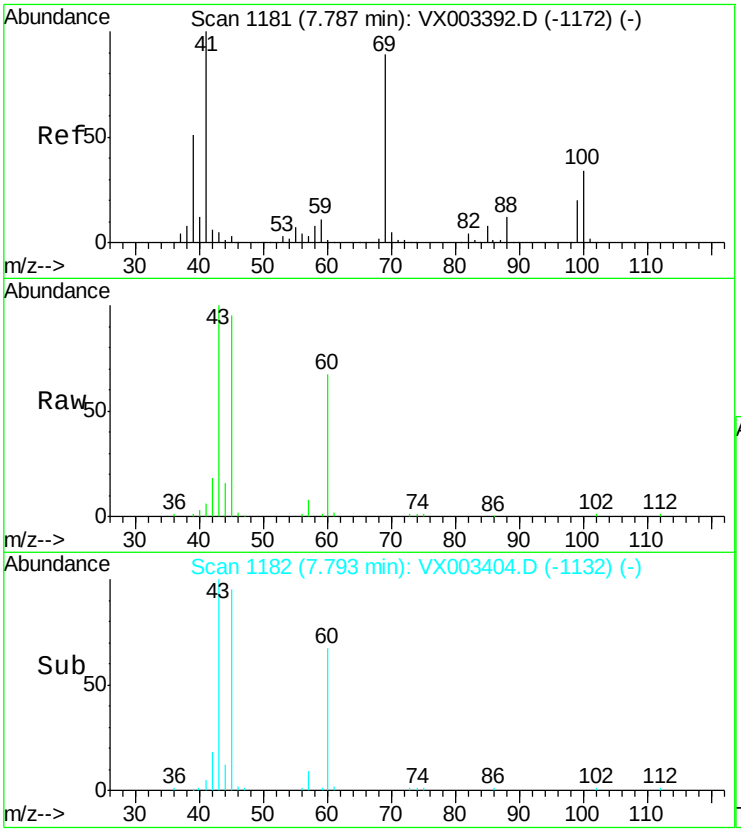


#43
Isopropyl Acetate
Concen: 19.09 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 43 Resp: 128438

Ion	Ratio	Lower	Upper
43	100		
61	21.4	14.4	21.6
87	14.3	9.5	14.3#



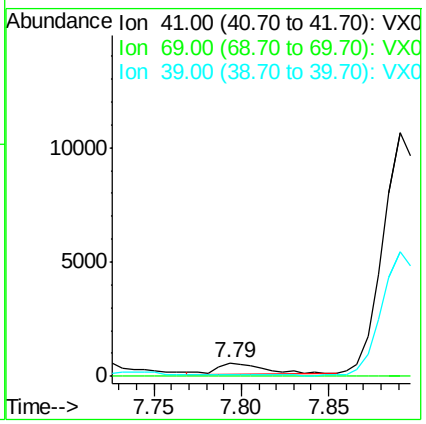


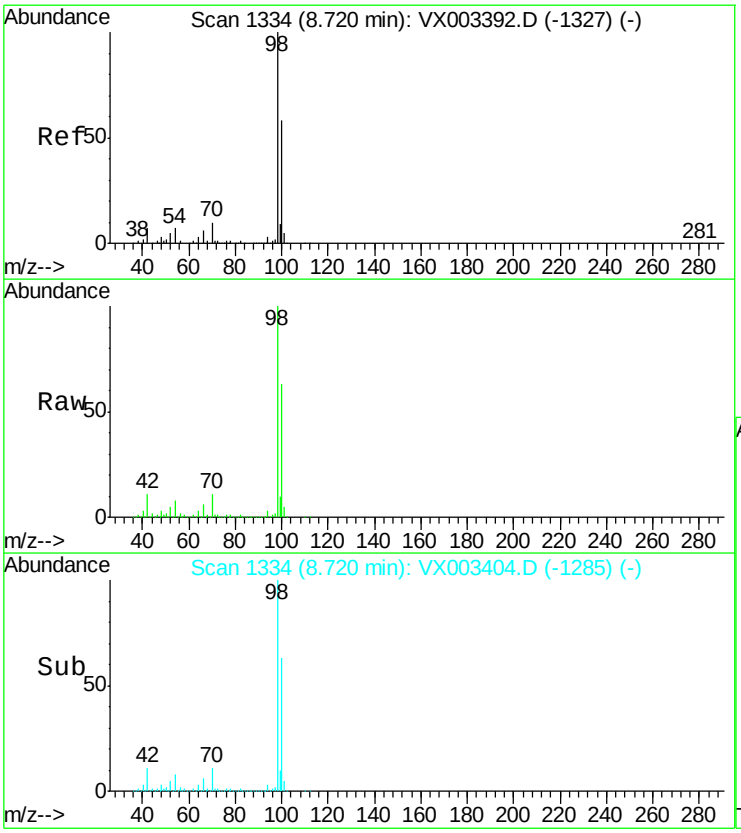
#48
Methyl methacrylate
Concen: 0.26 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#12

Tgt Ion: 41 Resp: 909

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	0.0	48.9	73.3#

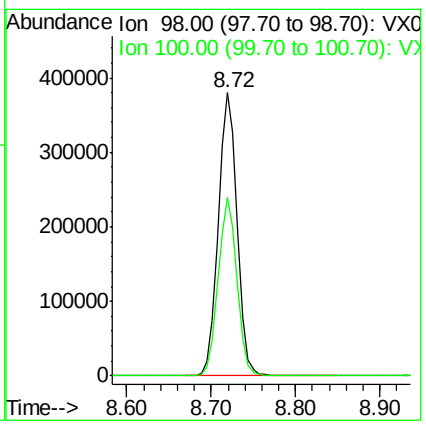


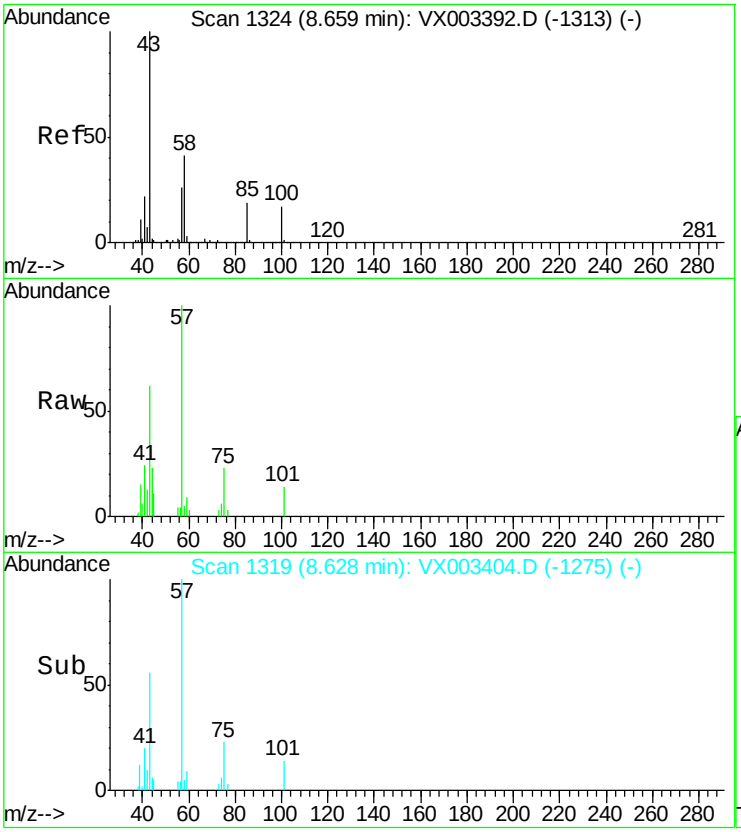


#50
Toluene-d8
Concen: 50.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 98 Resp: 585585

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3



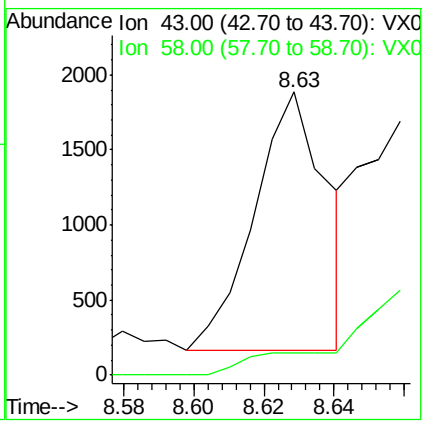


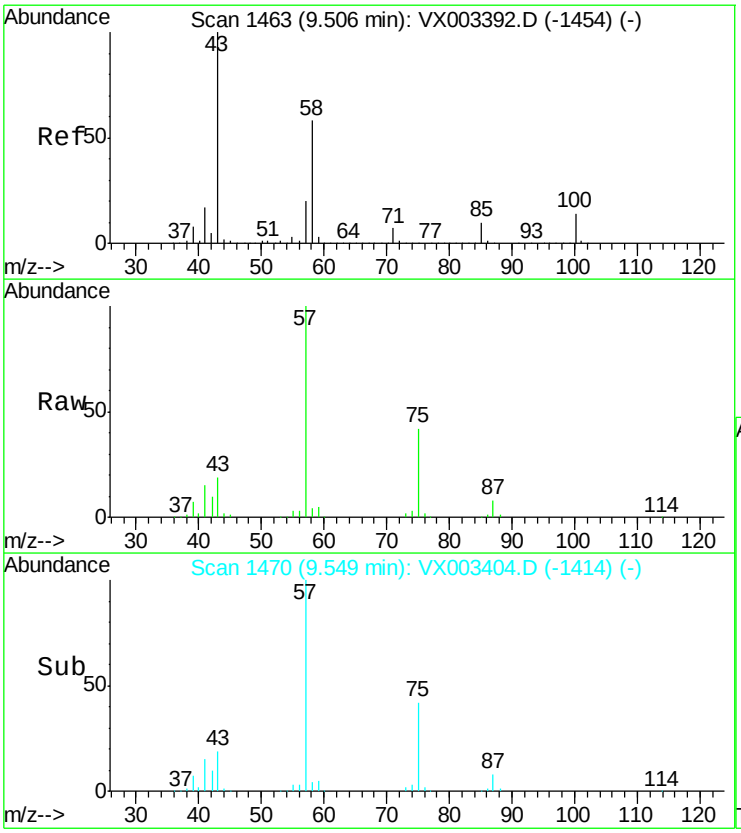
#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. -0.03 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion: 43 Resp: 2465

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	42.8#

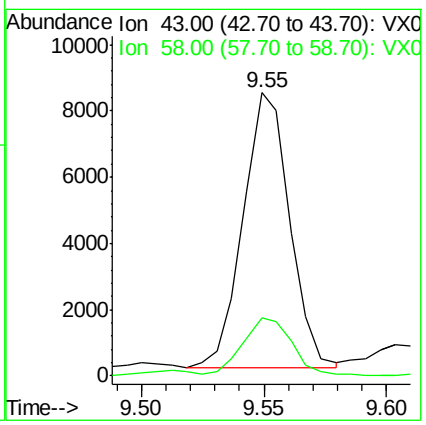


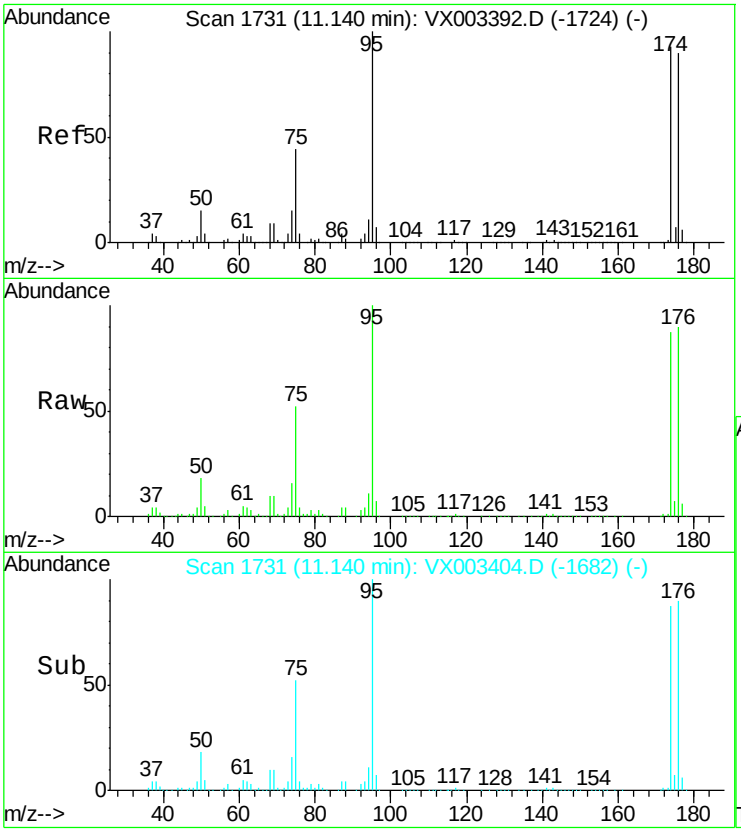


#59
2-Hexanone
Concen: 3.25 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.04 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 43 Resp: 11044

Ion	Ratio	Lower	Upper
43	100		
58	22.6	24.6	73.6#



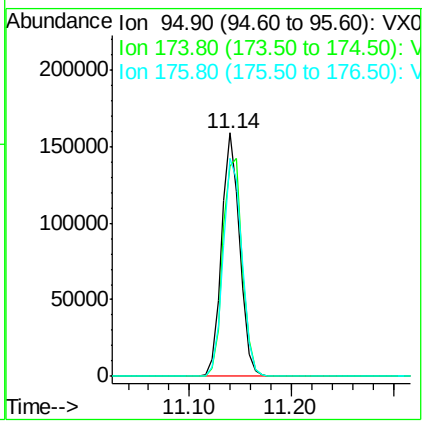


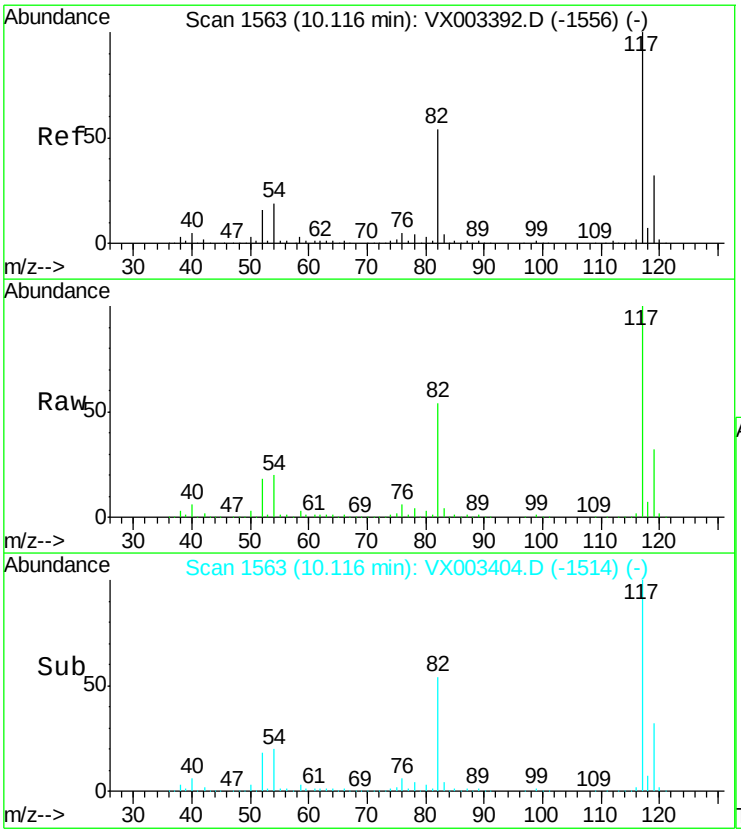
#62
4-Bromofluorobenzene
Concen: 47.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion: 95 Resp: 195785

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	187.4
176	93.2	0.0	181.0

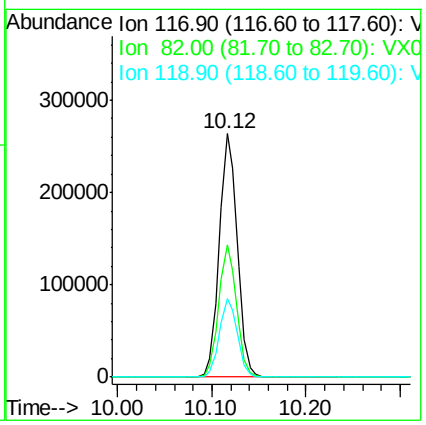


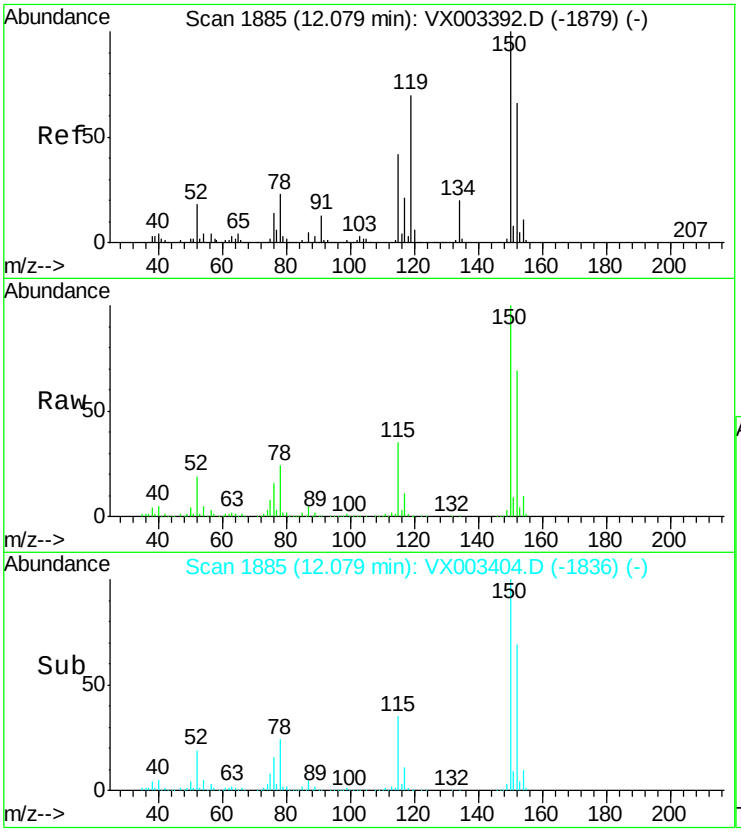


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion:117 Resp: 348588

Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.0	67.4
119	32.2	25.8	38.6



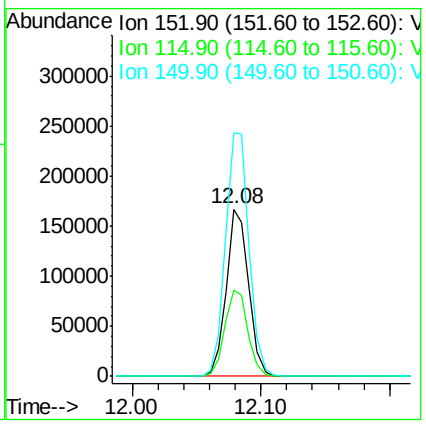


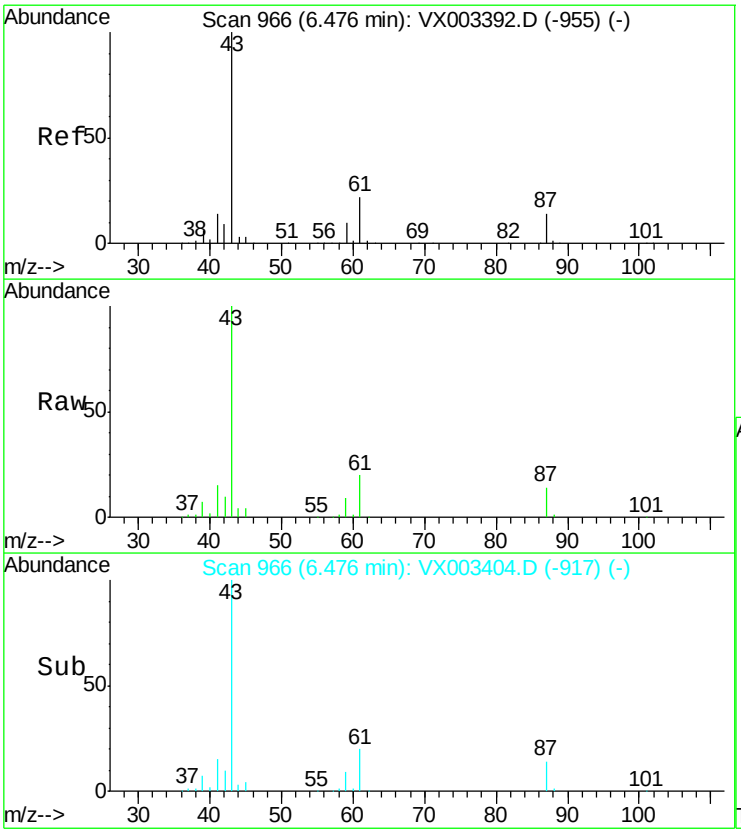
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#12

Tgt Ion:152 Resp: 203829

Ion	Ratio	Lower	Upper
152	100		
115	53.3	40.1	120.2
150	153.7	0.0	347.2

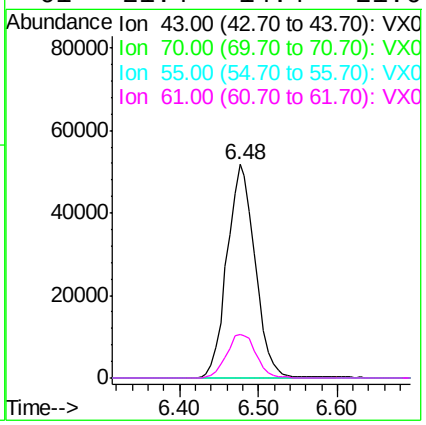


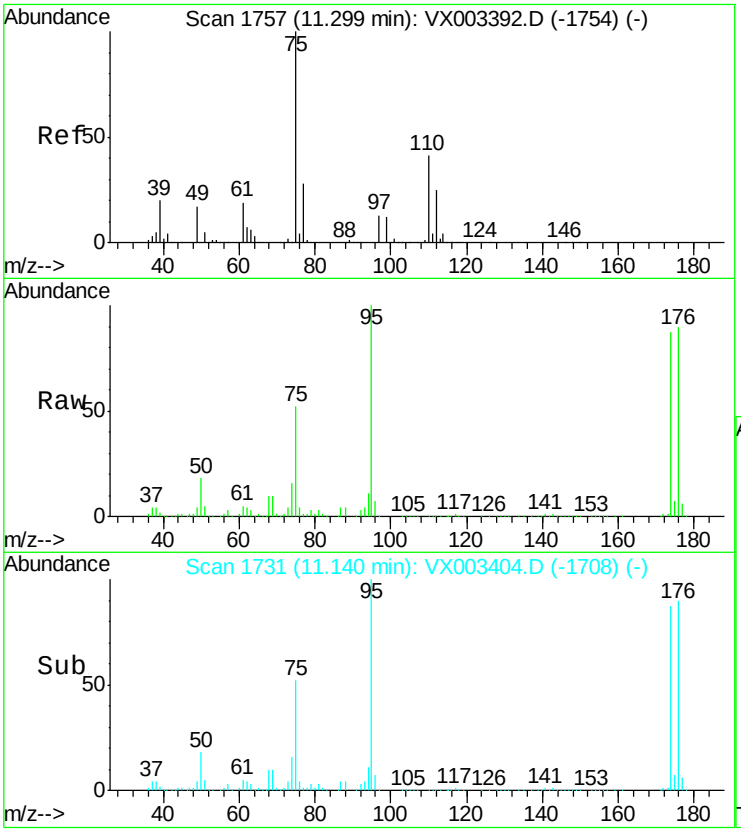


#74
N-amyl acetate
Concen: 20.46 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 43 Resp: 128438

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	21.4	14.4	21.6



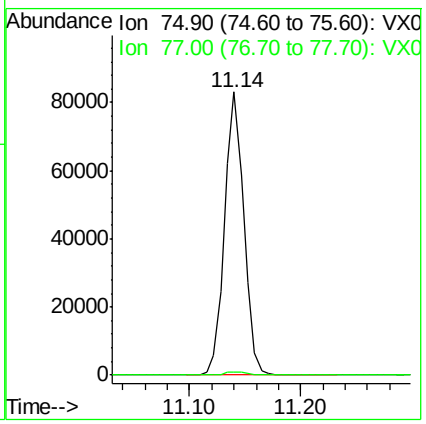


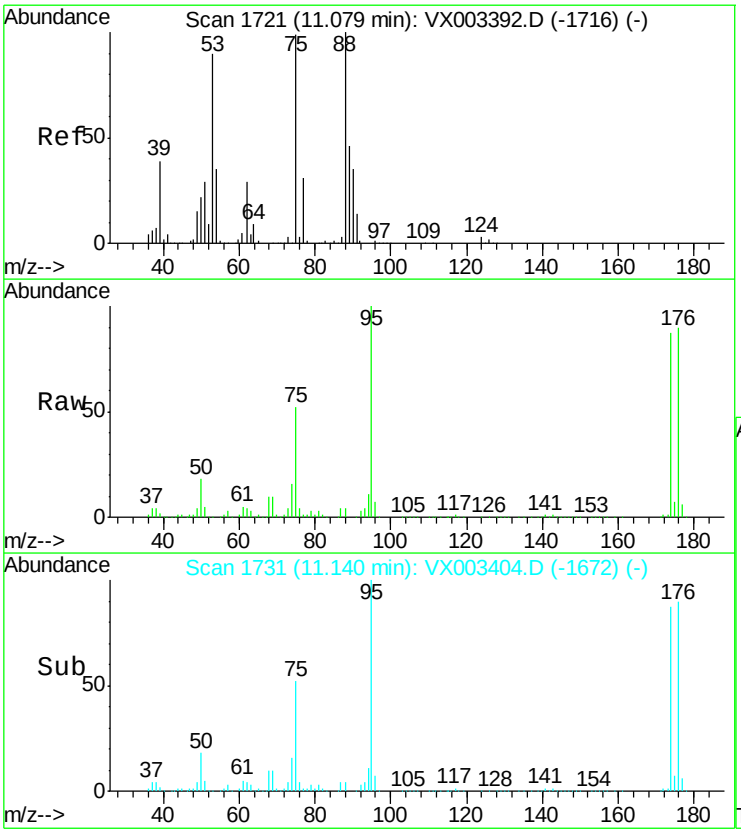
#76
1,2,3-Trichloropropane
Concen: 27.00 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion: 75 Resp: 99612

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#

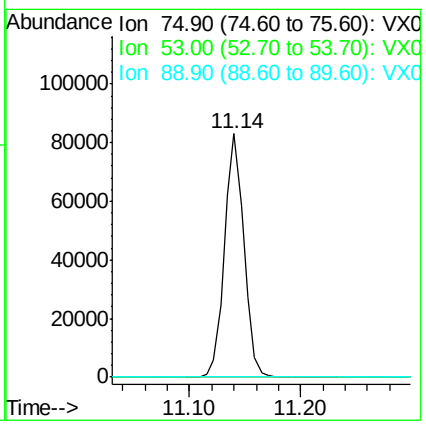


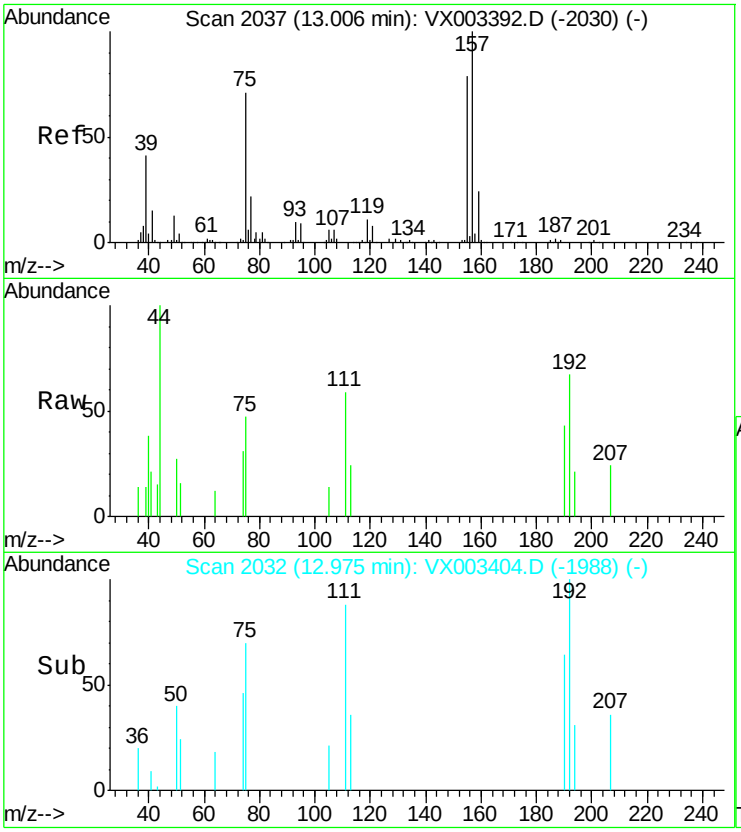


#81
trans-1,4-Dichloro-2-butene
Concen: 87.70 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Tgt Ion: 75 Resp: 99612

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.28 ug/l
RT: 12.98 min Scan# 2032
Delta R.T. -0.03 min
Lab File: VX003404.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#12

Tgt Ion: 75 Resp: 252

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.8	137.4#
157	0.0	60.1	180.3#