Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Data File : VX003402.D
Acq On : 16 Jul 2018 20:59
Operator : JC/MD
Sample : PB111123ZHE#10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#10

Quant Time: Jul 17 01:59:22 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	268029	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	386762	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	362014	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200070	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	165480	47.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.28%				
35) Dibromofluoromethane	5.51	113	147494	47.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.26%				
50) Toluene-d8	8.72	98	647212	56.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.08%				
62) 4-Bromofluorobenzene	11.14	95	199720	48.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.88%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1045	0.32	ug/l		94
5) Bromomethane	1.65	94	2692	Below Cal			83
6) Chloroethane	1.74	64	1550	Below Cal		#	43
8) Diethyl Ether	2.19	74	487	0.24	ug/l		89
10) Methyl Iodide	2.52	142	3314	1.04	ug/l		96
11) Tert butyl alcohol	3.07	59	952	1.21	ug/l		98
13) Acrolein	2.29	56	355	0.94	ug/l	#	28
15) Acrylonitrile	3.16	53	505	0.28	ug/l	#	89
16) Acetone	2.45	43	24322	16.66	ug/l	#	87
17) Carbon Disulfide	2.57	76	2396	0.31	ug/l		97
18) Methyl Acetate	2.78	43	8684	1.83	ug/l	#	91
20) Methylene Chloride	2.86	84	30556	8.98	ug/l		90
25) 2-Butanone	4.72	43	4906	2.15	ug/l		94
29) Tetrahydrofuran	5.17	42	1368	0.94	ug/l		96
36) 1,1-Dichloropropene	5.67	75	16927	4.32	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	22890	5.74	ug/l	#	16
43) Isopropyl Acetate	6.48	43	130215	19.55	ug/l	#	93
48) Methyl methacrylate	7.70	41	7011	2.06	ug/l	#	24
51) 4-Methyl-2-Pentanone	8.62	43	2592	0.59	ug/l	#	39
59) 2-Hexanone	9.55	43	11867	3.52	ug/l	#	62
74) N-amyl acetate	6.48	43	130215	21.14	ug/l	#	93
76) 1,2,3-Trichloropropane	11.14	75	93568	25.83	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	93568	83.93	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	304	0.35	ug/l	#	1
93) 1,2,4-Trichlorobenzene	13.65	180	922	0.20	ug/l		98

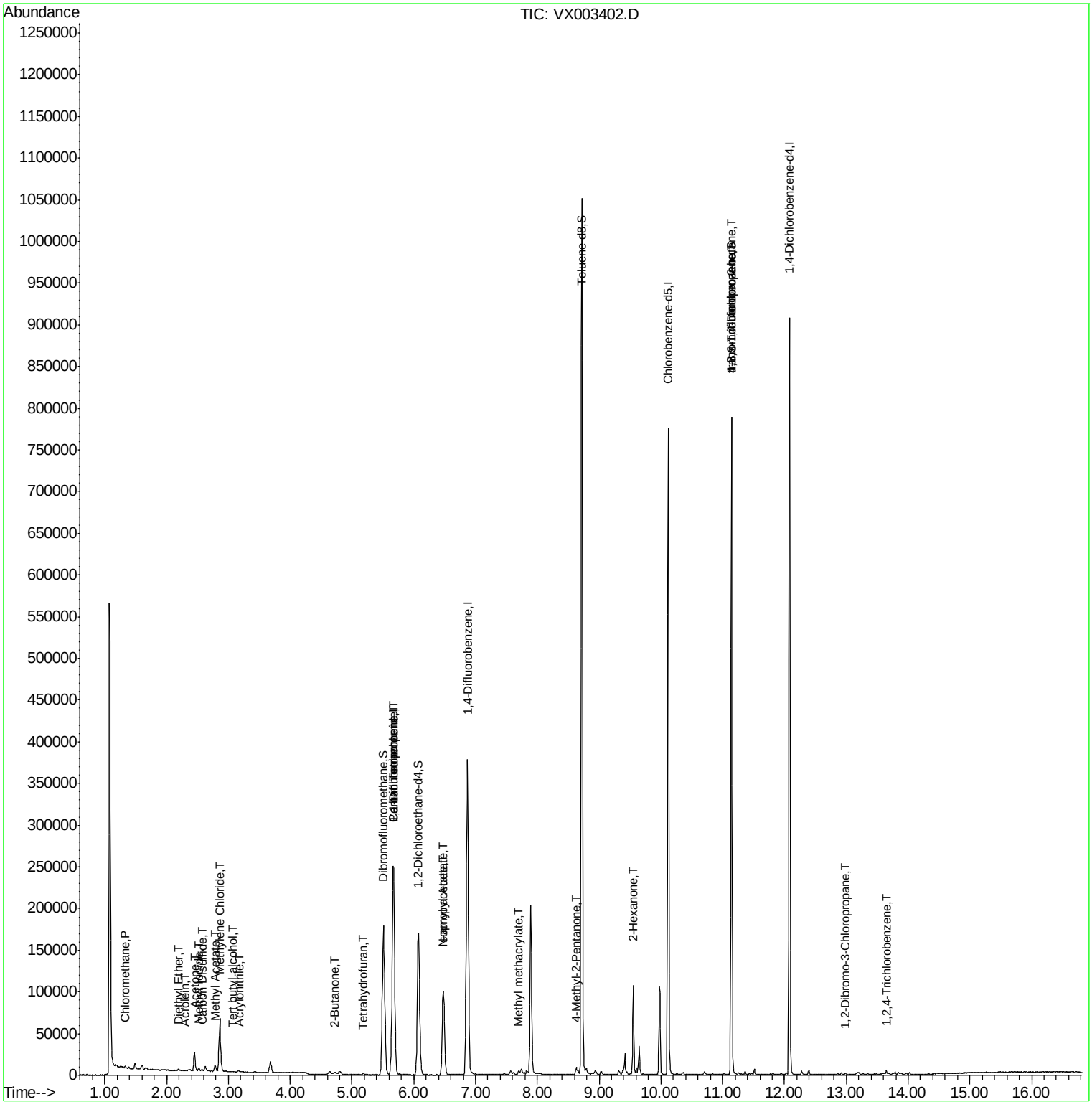
(#) = qualifier out of range (m) = manual integration (+) = signals summed

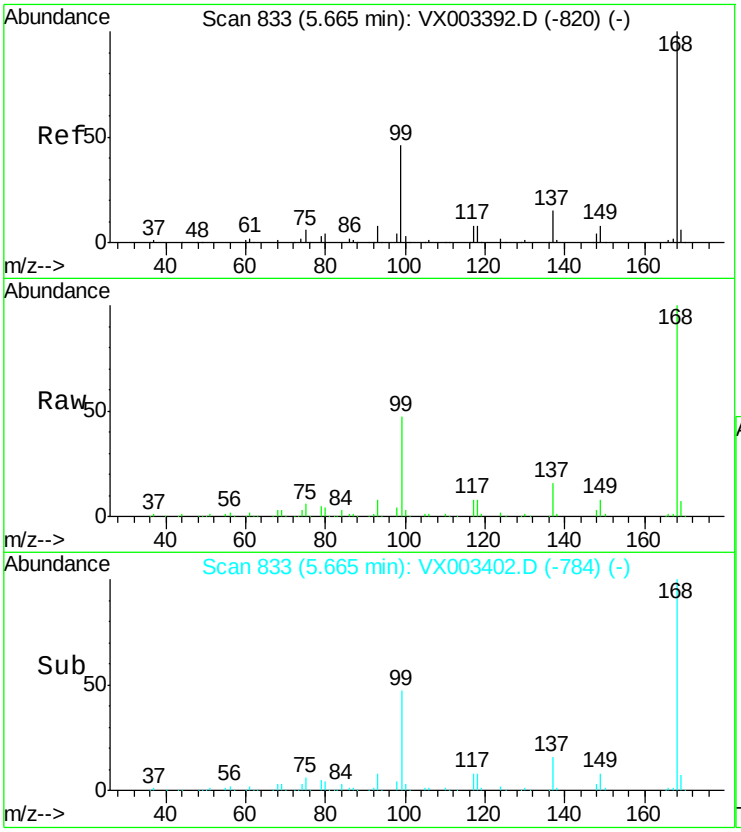
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Data File : VX003402.D
Acq On : 16 Jul 2018 20:59
Operator : JC/MD
Sample : PB111123ZHE#10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#10

Quant Time: Jul 17 01:59:22 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



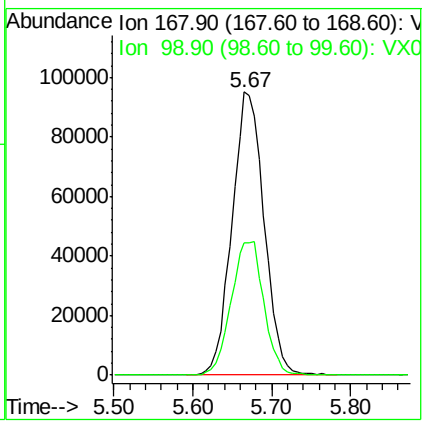


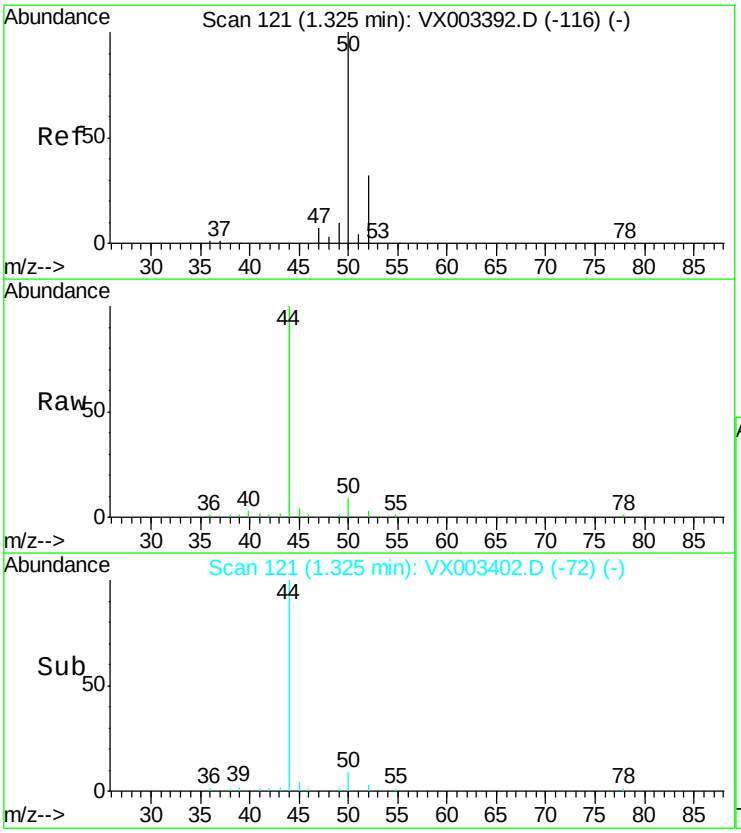
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#10

Tgt Ion:168 Resp: 268029

Ion	Ratio	Lower	Upper
168	100		
99	46.7	39.3	58.9

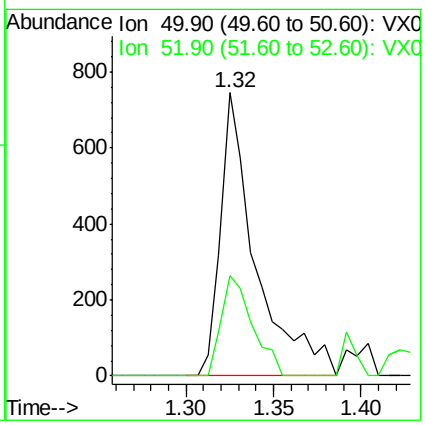


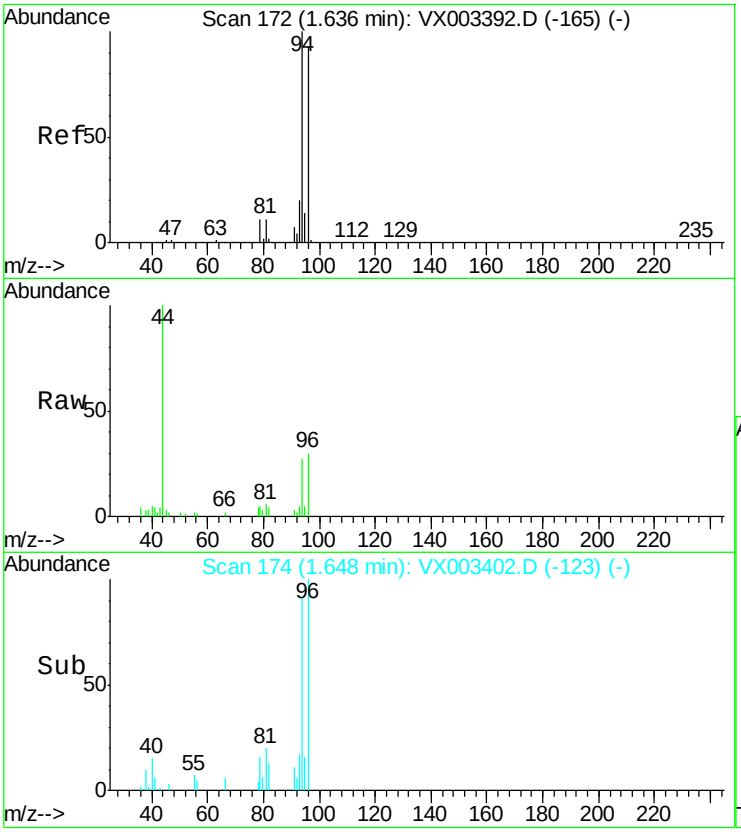


#3
Chloromethane
Concen: 0.32 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 50 Resp: 1045

Ion	Ratio	Lower	Upper
50	100		
52	35.3	25.7	38.5



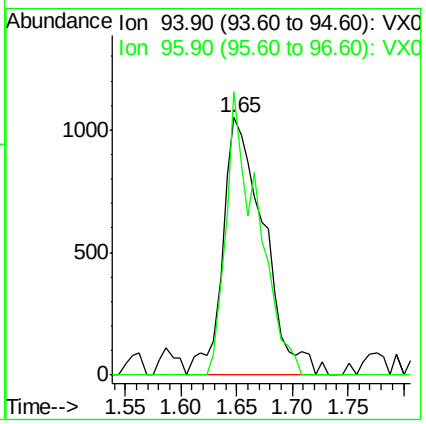


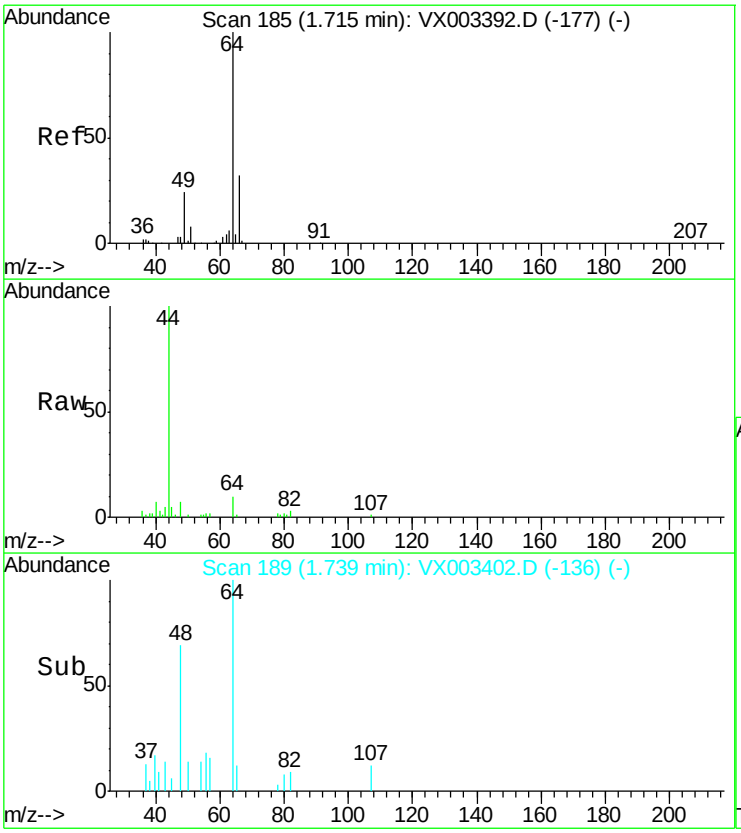
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion: 94 Resp: 2692

Ion	Ratio	Lower	Upper
94	100		
96	110.0	74.9	112.3

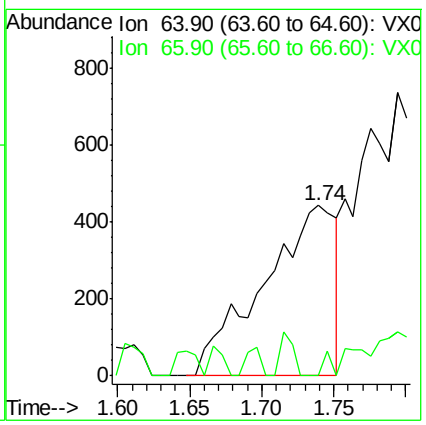


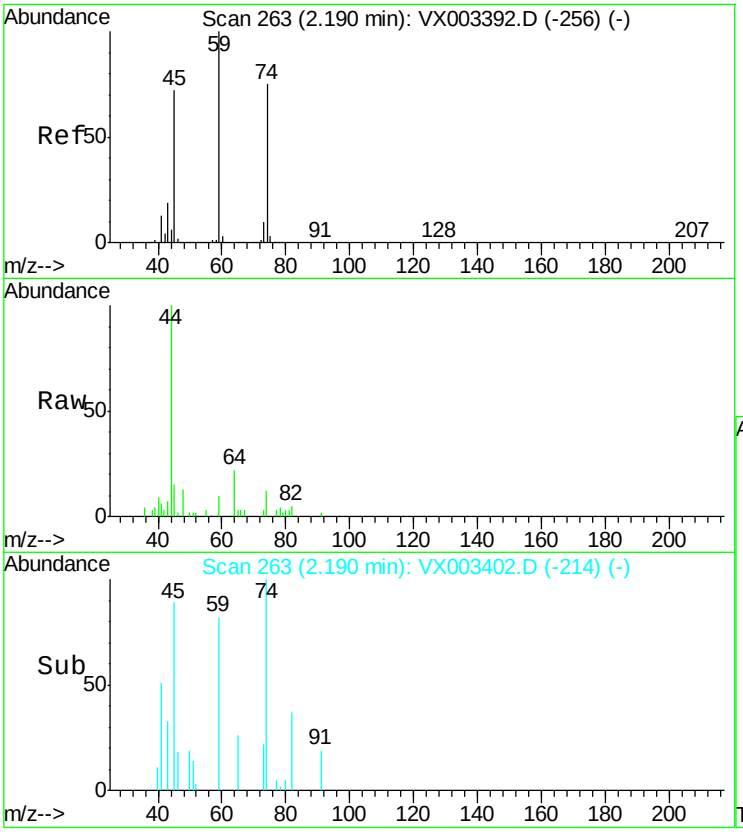


#6
Chloroethane
Concen: Below Cal
RT: 1.74 min Scan# 189
Delta R.T. 0.03 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 64 Resp: 1550

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



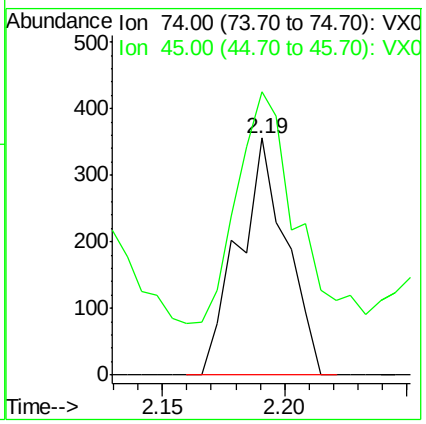


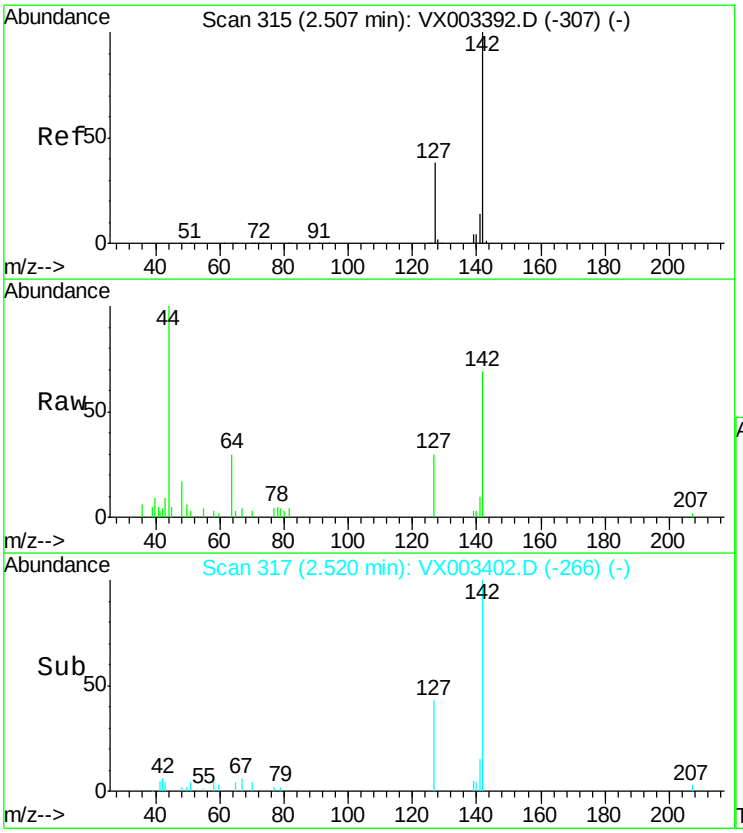
#8
Diethyl Ether
Concen: 0.24 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#10

Tgt Ion: 74 Resp: 487

Ion	Ratio	Lower	Upper
74	100		
45	118.1	53.1	159.4

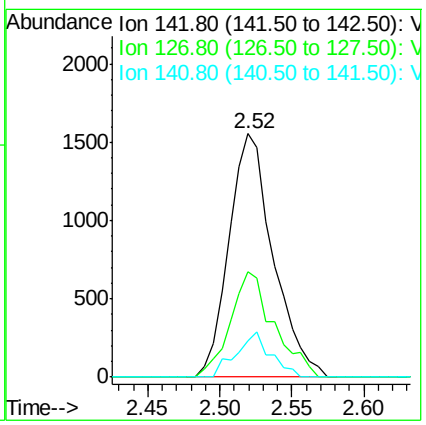


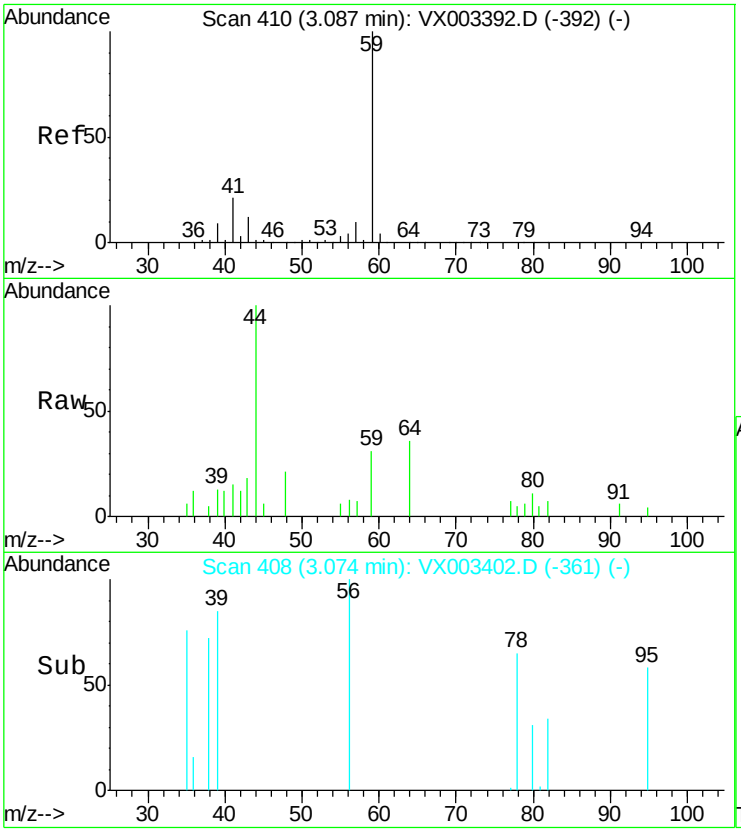


#10
Methyl Iodide
Concen: 1.04 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion:142 Resp: 3314

Ion	Ratio	Lower	Upper
142	100		
127	42.4	36.6	55.0
141	14.3	11.3	16.9



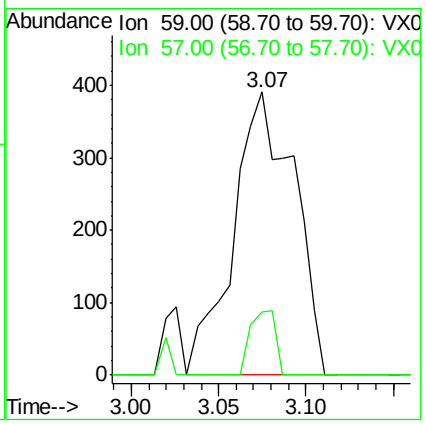


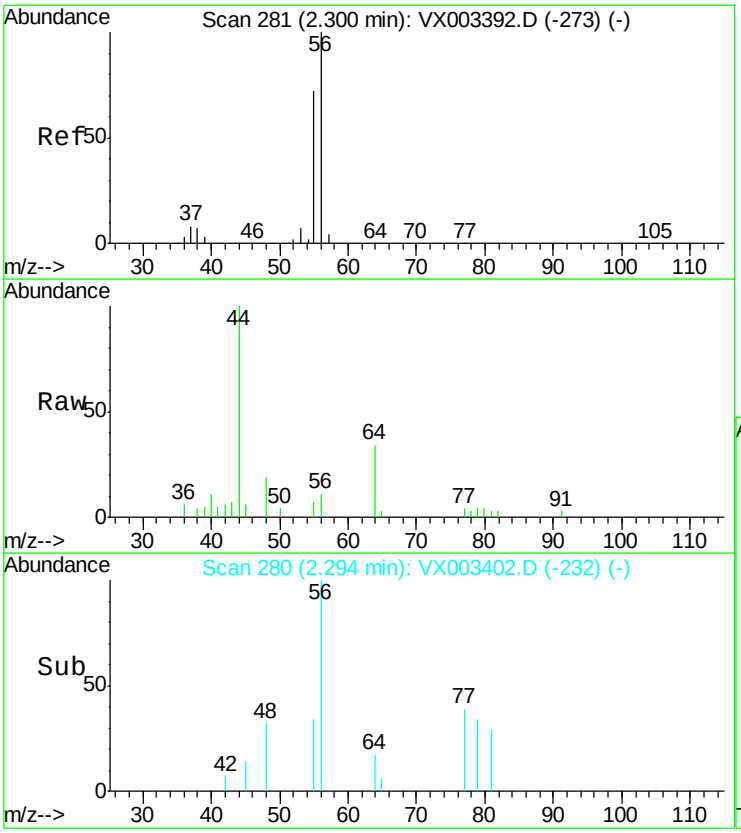
#11
Tert butyl alcohol
Concen: 1.21 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion: 59 Resp: 952

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.2	12.2

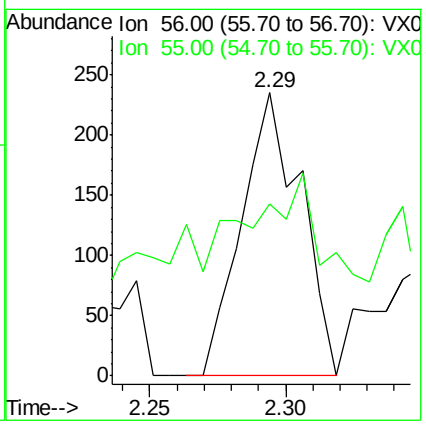


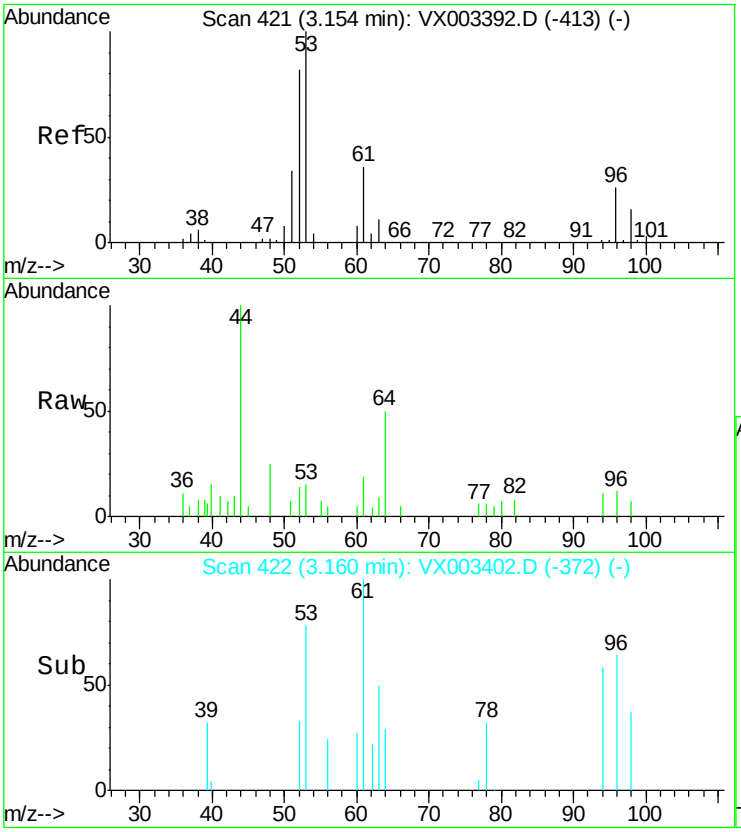


#13
Acrolein
Concen: 0.94 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 56 Resp: 355

Ion	Ratio	Lower	Upper
56	100		
55	130.7	57.0	85.4#



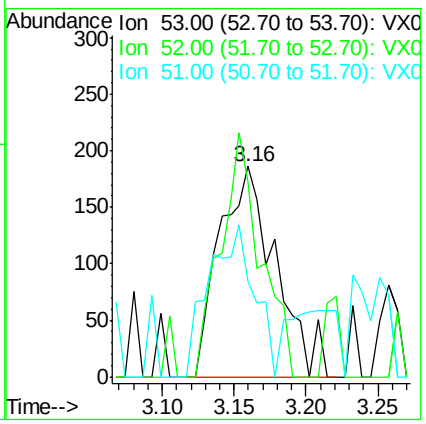


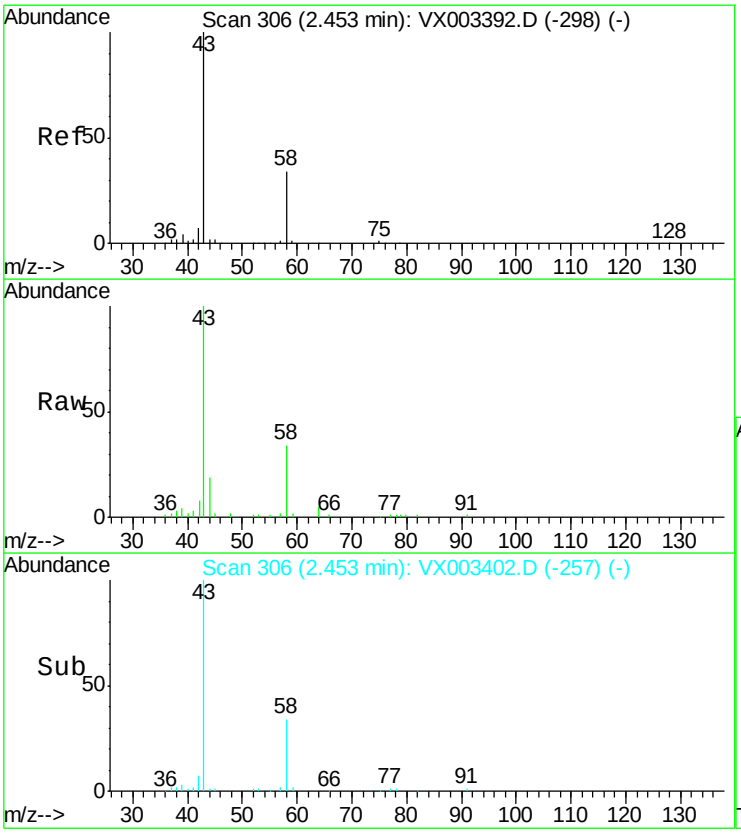
#15
Acrylonitrile
Concen: 0.28 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion: 53 Resp: 505

Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.7	100.1
51	58.2	29.9	44.9#

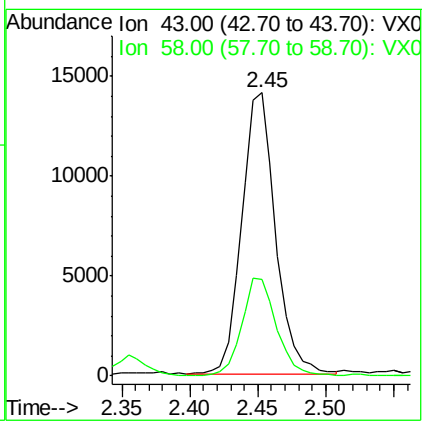


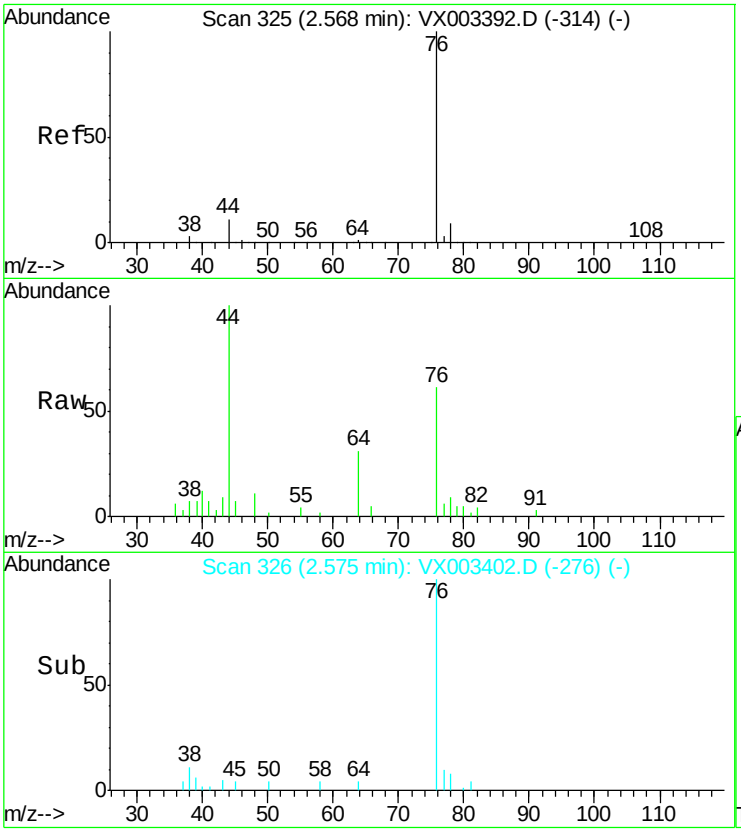


#16
Acetone
Concen: 16.66 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 43 Resp: 24322

Ion	Ratio	Lower	Upper
43	100		
58	34.5	22.1	33.1#



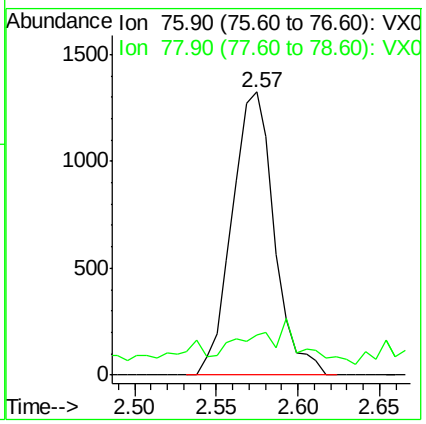


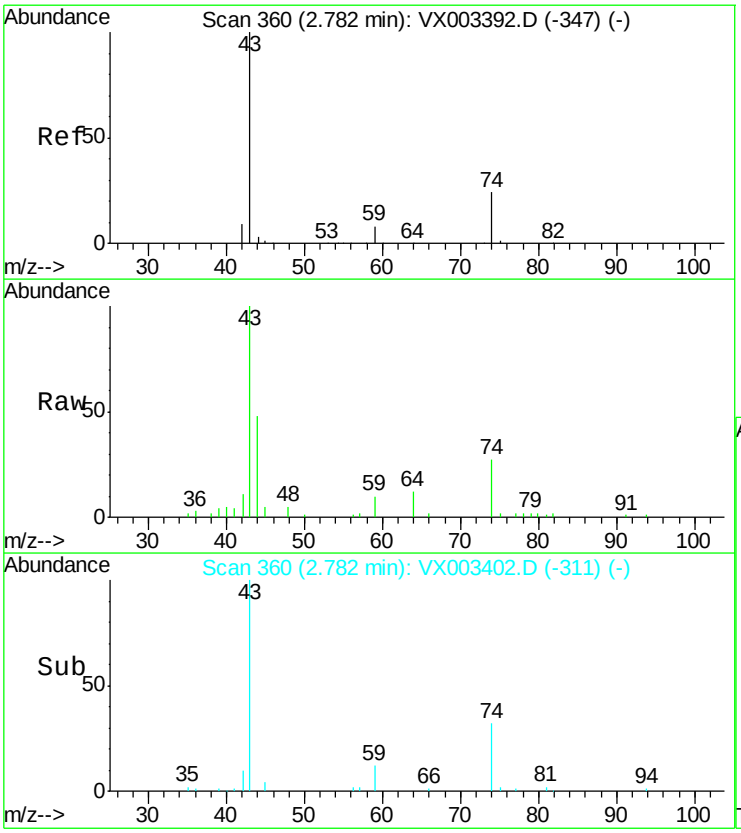
#17
Carbon Disulfide
Concen: 0.31 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#10

Tgt Ion: 76 Resp: 2396

Ion	Ratio	Lower	Upper
76	100		
78	7.7	6.9	10.3

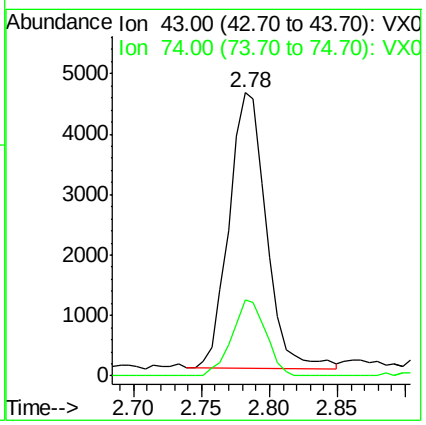


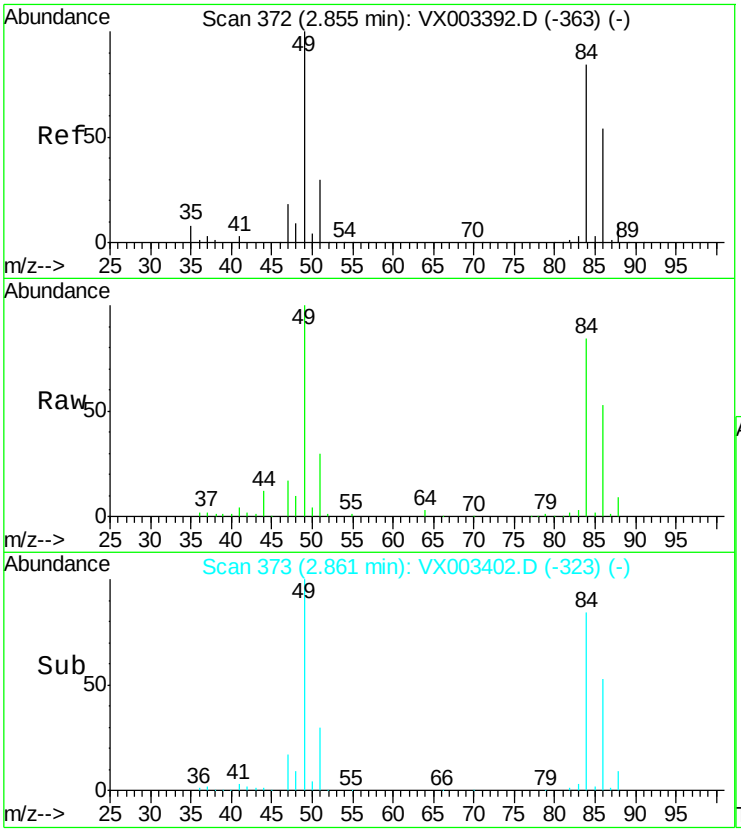


#18
Methyl Acetate
Concen: 1.83 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 43 Resp: 8684

Ion	Ratio	Lower	Upper
43	100		
74	25.2	16.7	25.1#



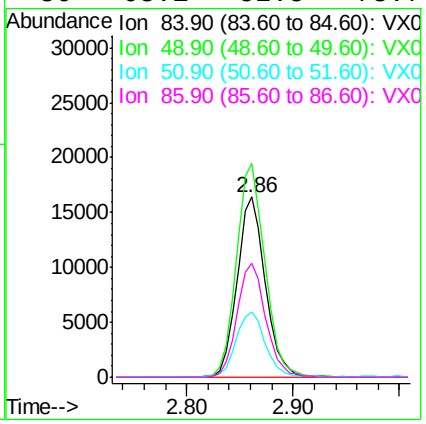


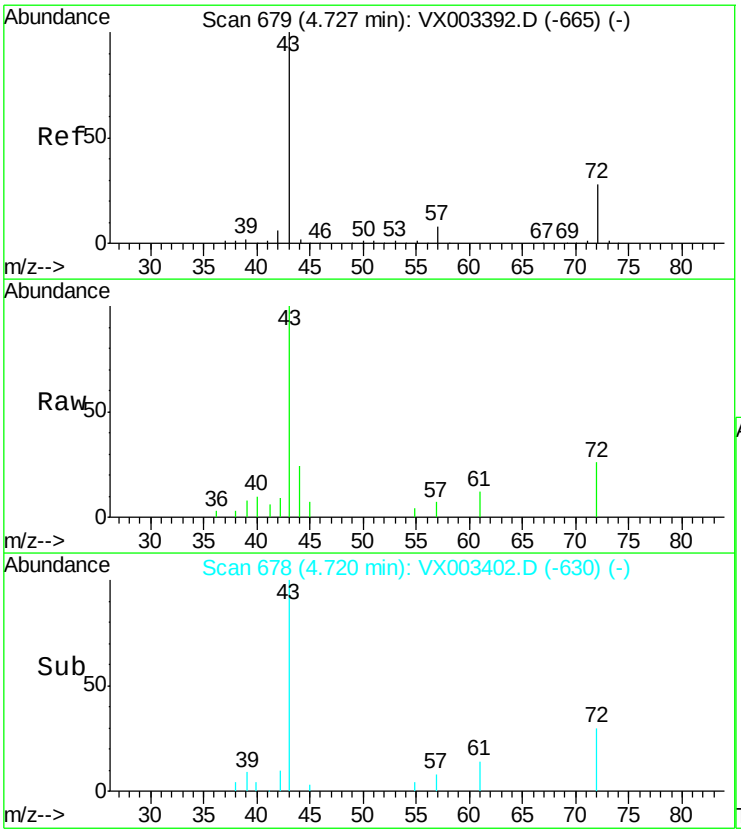
#20
Methylene Chloride
Concen: 8.98 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#10

Tgt Ion: 84 Resp: 30556

Ion	Ratio	Lower	Upper
84	100		
49	118.6	107.8	161.6
51	35.9	32.8	49.2
86	63.1	52.5	78.7

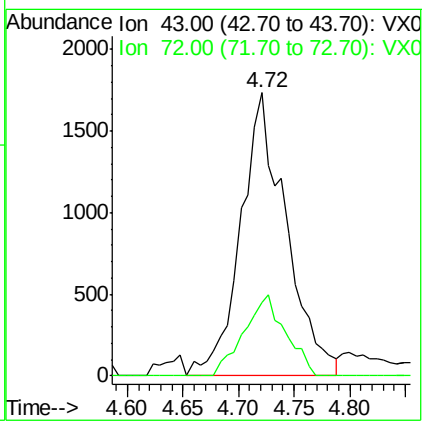


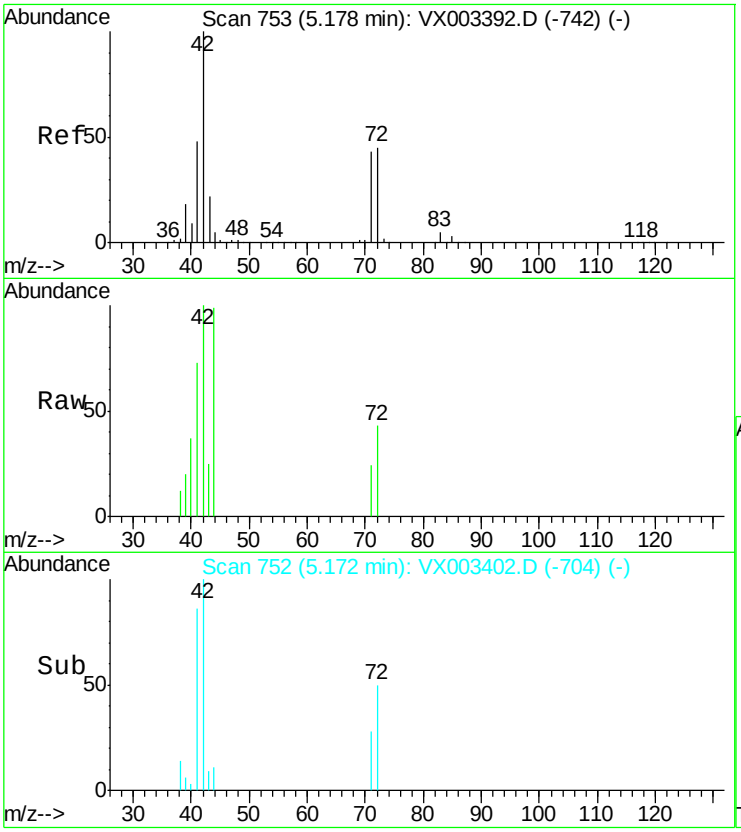


#25
2-Butanone
Concen: 2.15 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 43 Resp: 4906

Ion	Ratio	Lower	Upper
43	100		
72	26.0	18.5	27.7



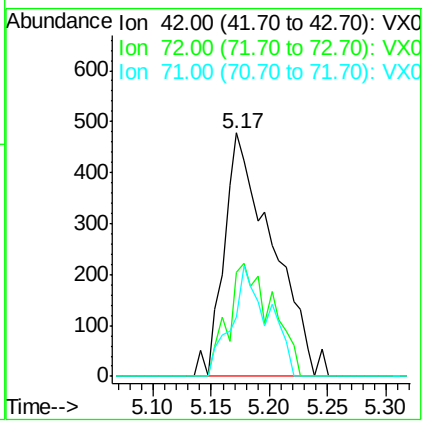


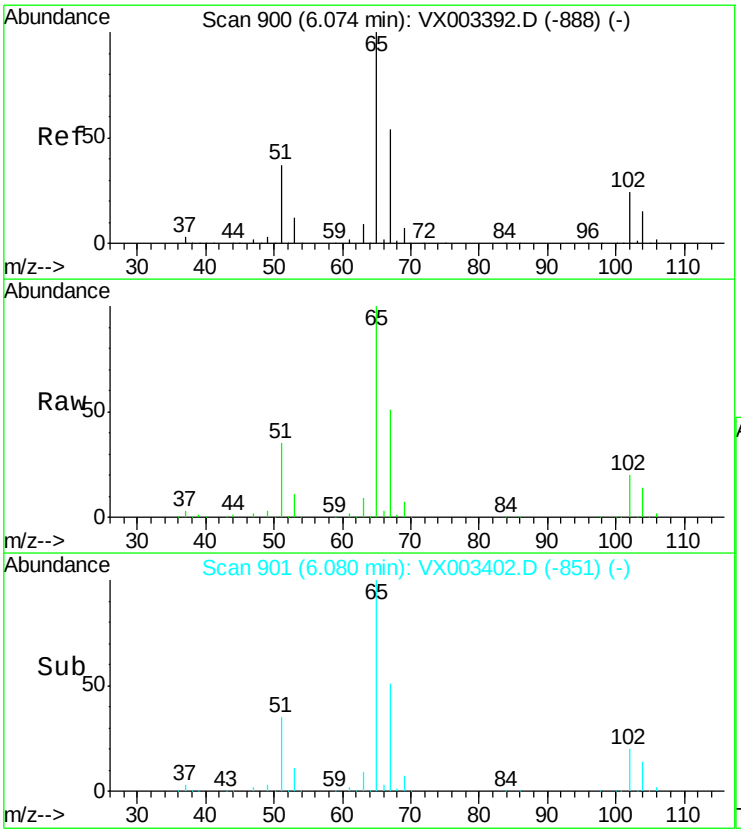
#29
Tetrahydrofuran
Concen: 0.94 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion: 42 Resp: 1368

Ion	Ratio	Lower	Upper
42	100		
72	42.3	32.0	48.0
71	34.7	30.1	45.1

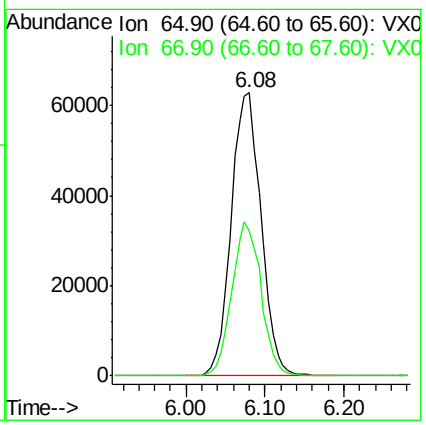


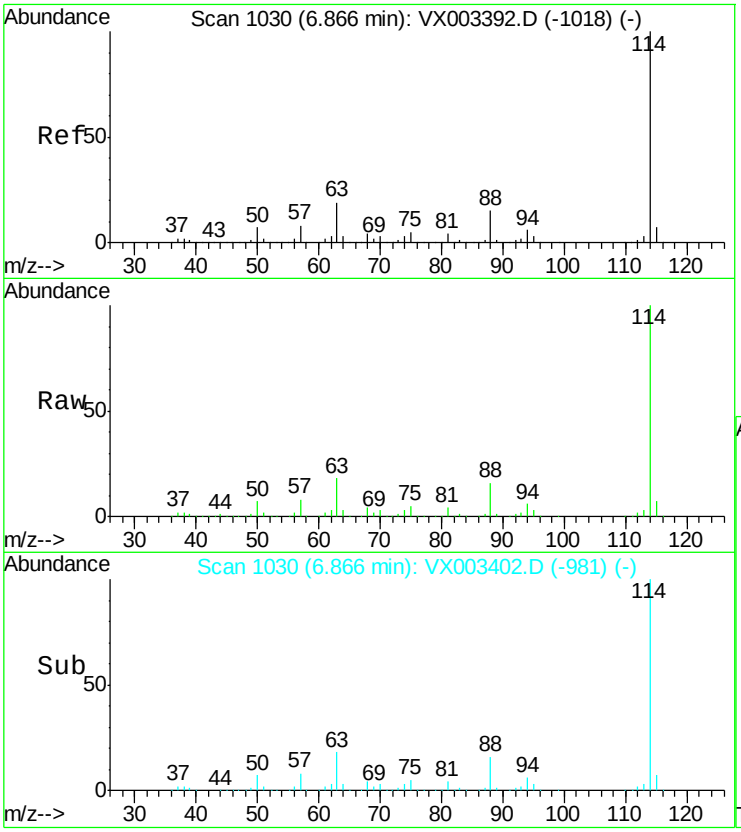


#33
1,2-Dichloroethane-d4
Concen: 47.14 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 65 Resp: 165480

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	102.6



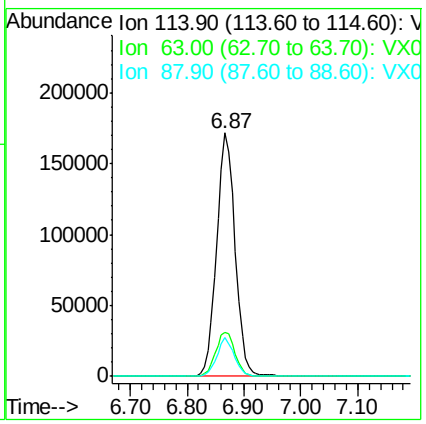


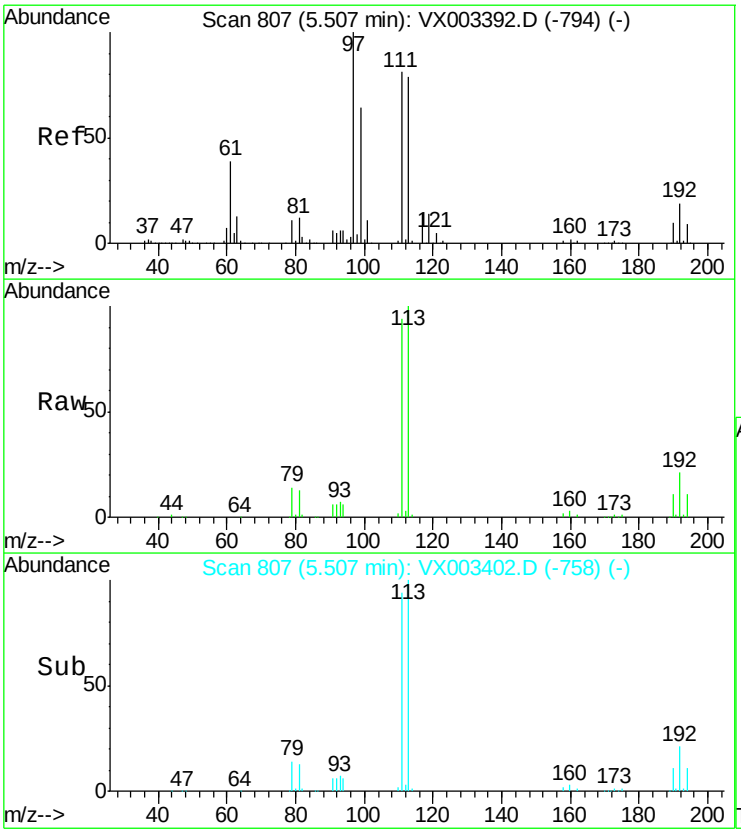
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion:114 Resp: 386762

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	41.4
88	16.1	0.0	30.0

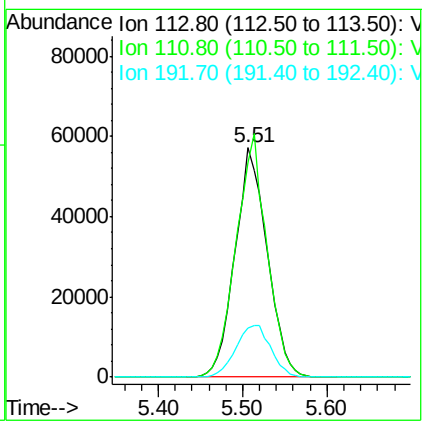


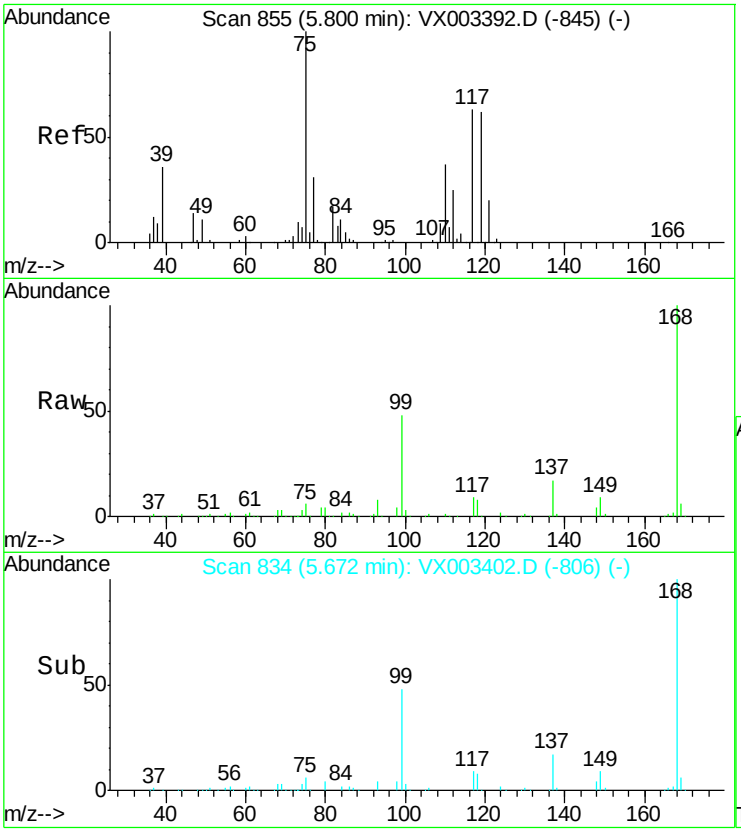


#35
Dibromofluoromethane
Concen: 47.13 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion:113 Resp: 147494

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	24.6	19.1	28.7



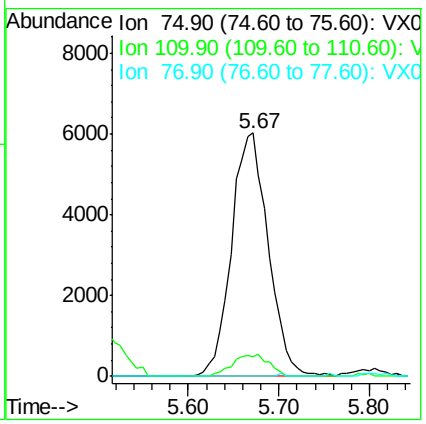


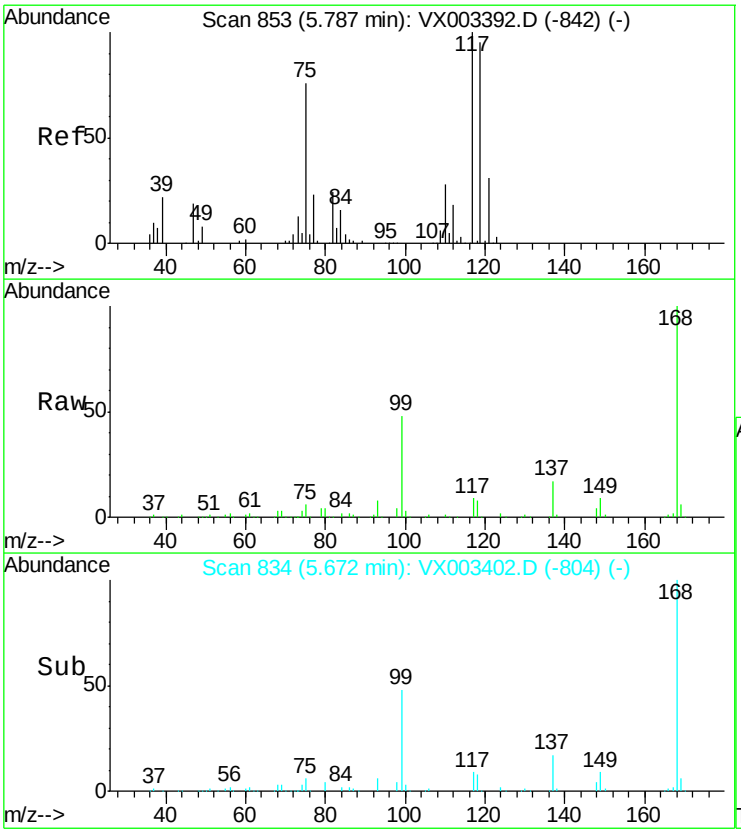
#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion: 75 Resp: 16927

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

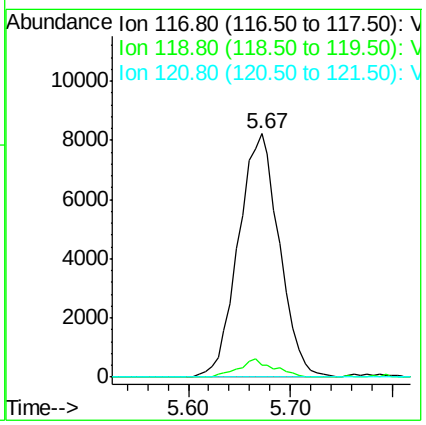


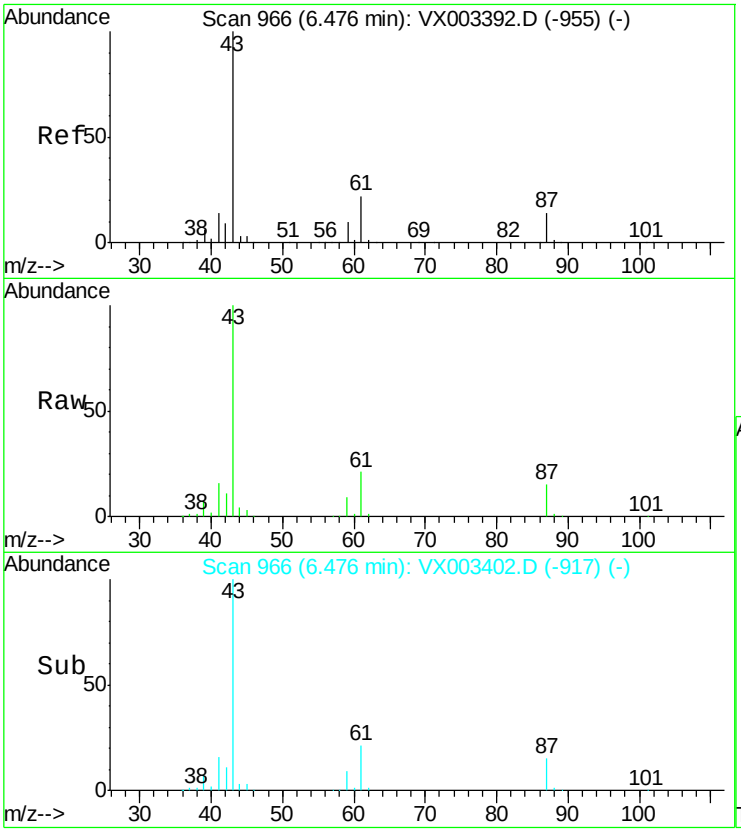


#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion:117 Resp: 22890

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.4	116.0#
121	0.0	24.4	36.6#



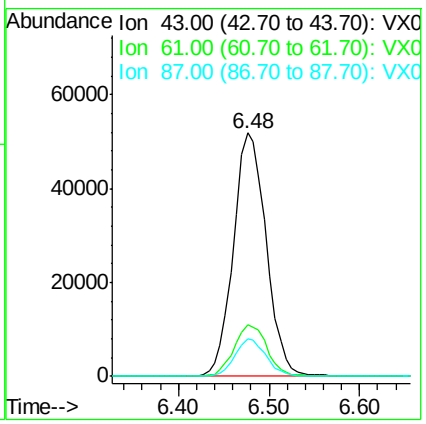


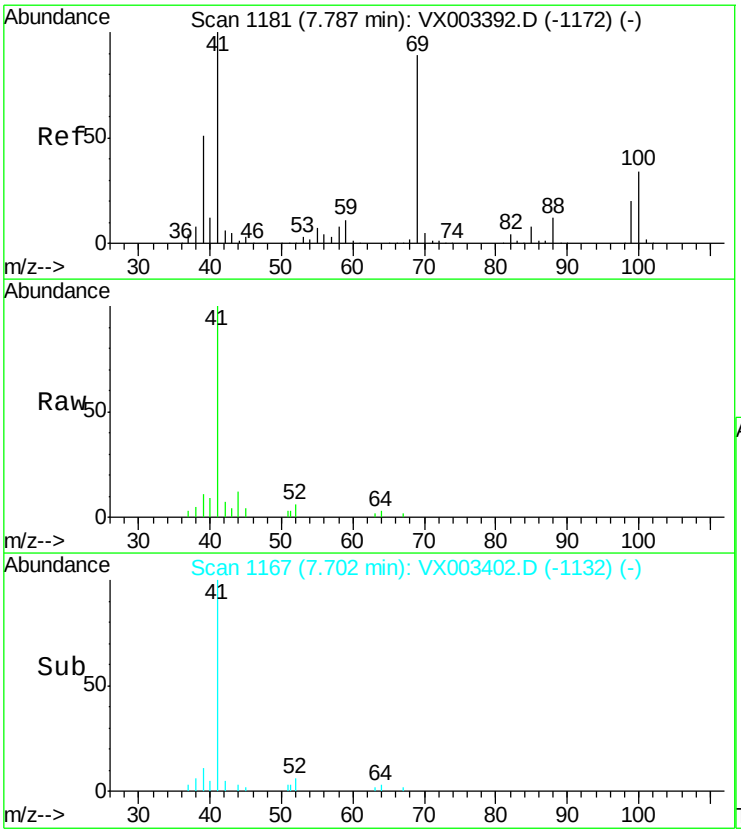
#43
Isopropyl Acetate
Concen: 19.55 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion: 43 Resp: 130215

Ion	Ratio	Lower	Upper
43	100		
61	21.2	14.4	21.6
87	14.5	9.5	14.3#

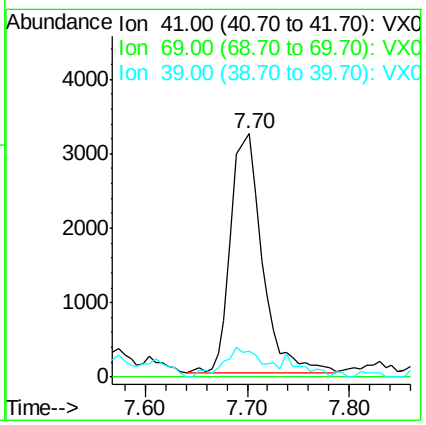


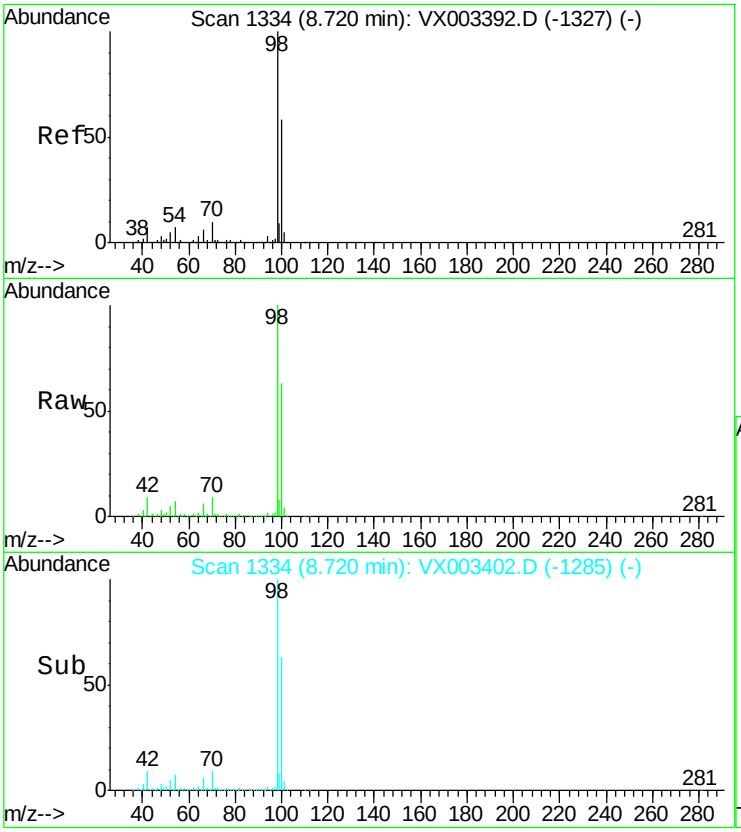


#48
Methyl methacrylate
Concen: 2.06 ug/l
RT: 7.70 min Scan# 1167
Delta R.T. -0.09 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 41 Resp: 7011

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	13.4	48.9	73.3#



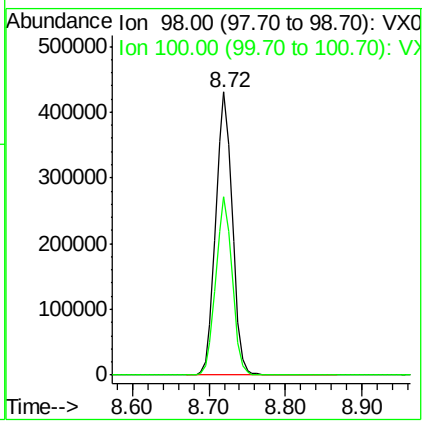


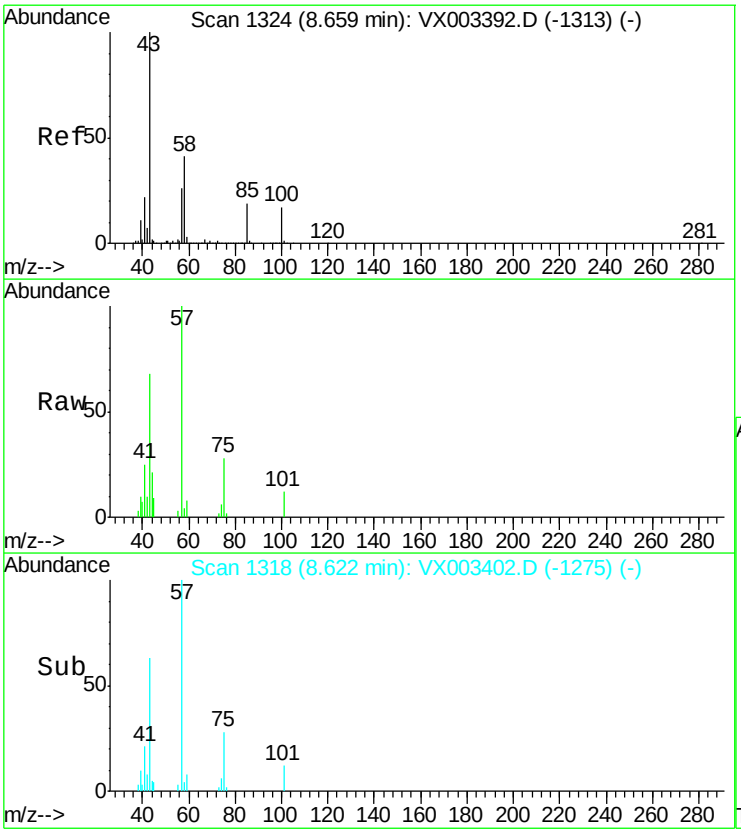
#50
Toluene-d8
Concen: 56.04 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion: 98 Resp: 647212

Ion	Ratio	Lower	Upper
98	100		
100	62.2	50.9	76.3

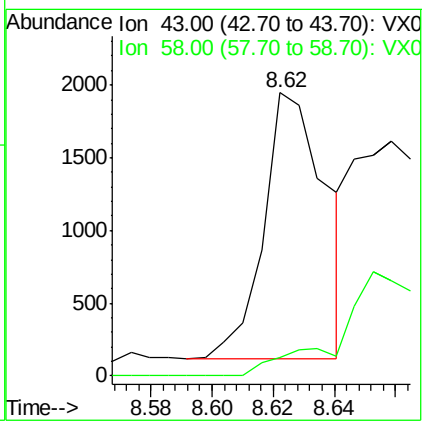


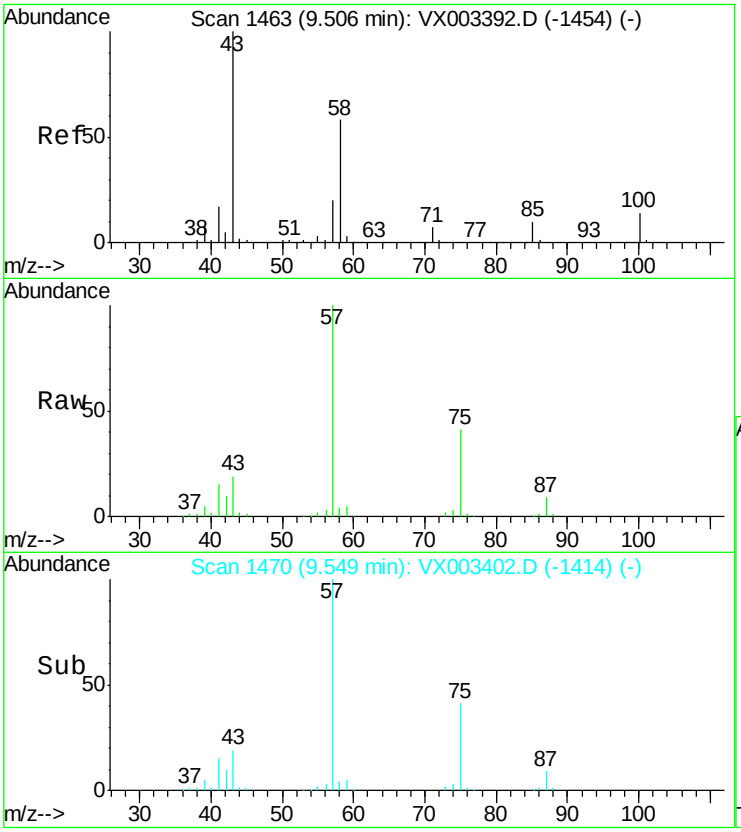


#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. -0.04 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 43 Resp: 2592

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	42.8#



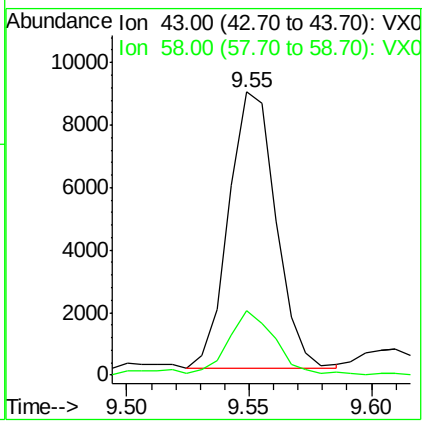


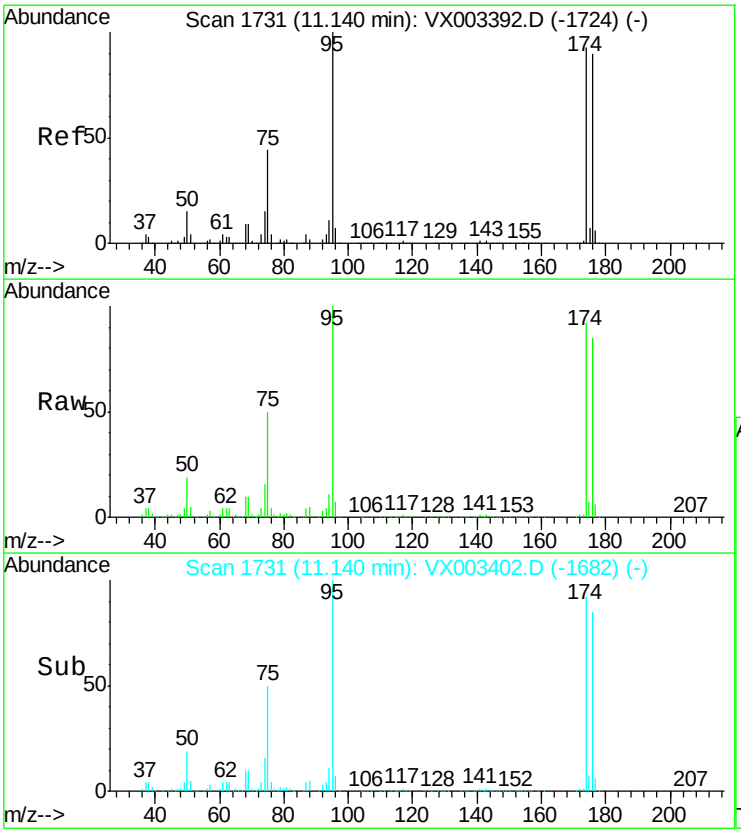
#59
2-Hexanone
Concen: 3.52 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.04 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#10

Tgt Ion: 43 Resp: 11867

Ion	Ratio	Lower	Upper
43	100		
58	23.2	24.6	73.6#

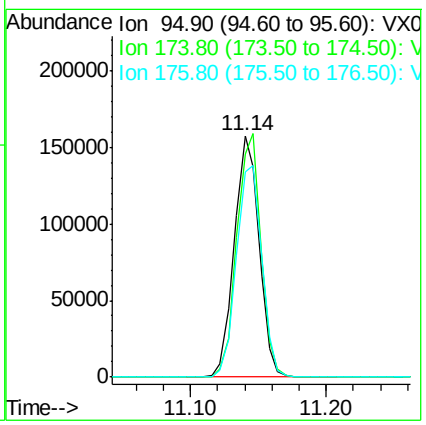


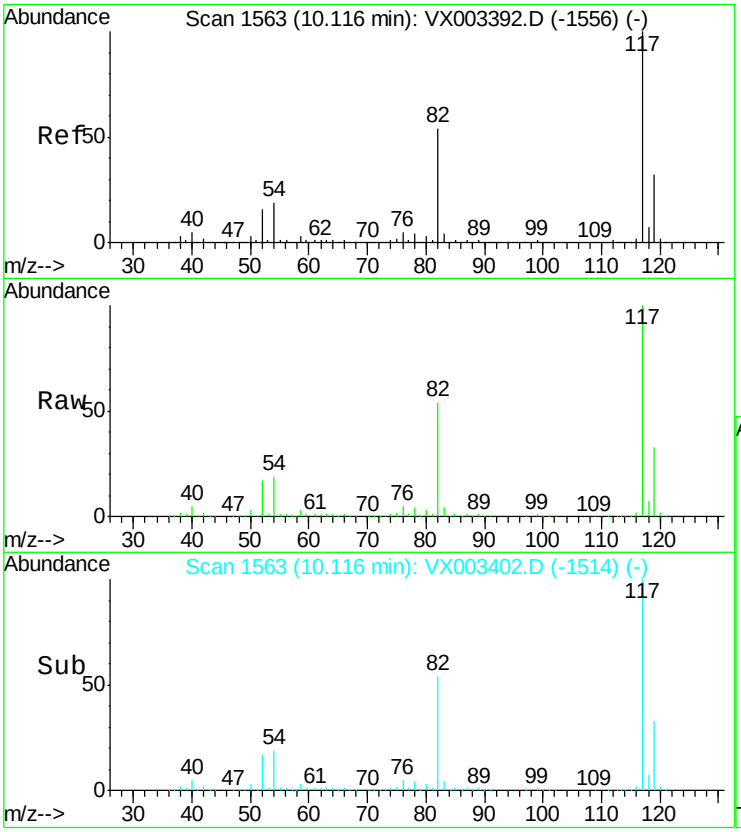


#62
4-Bromofluorobenzene
Concen: 48.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 95 Resp: 199720

Ion	Ratio	Lower	Upper
95	100		
174	98.5	0.0	187.4
176	90.5	0.0	181.0



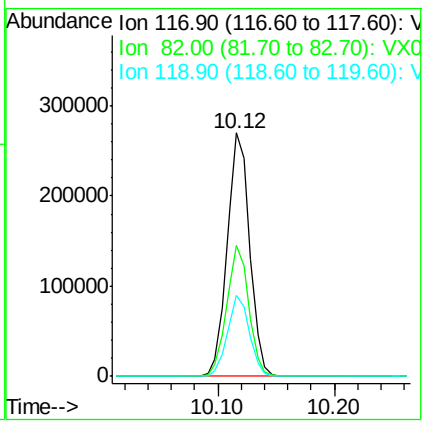


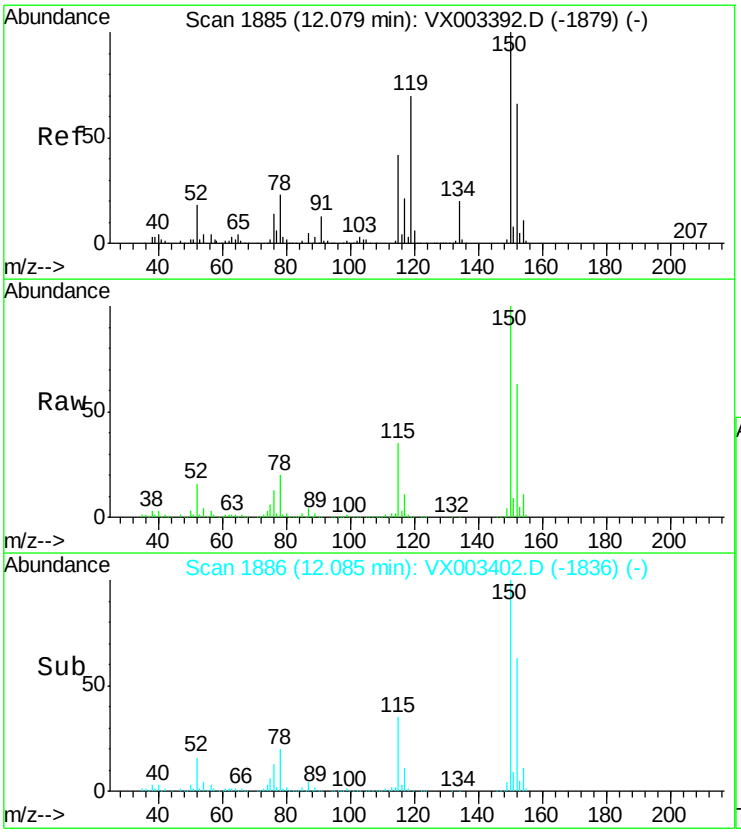
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion:117 Resp: 362014

Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.0	67.4
119	33.0	25.8	38.6

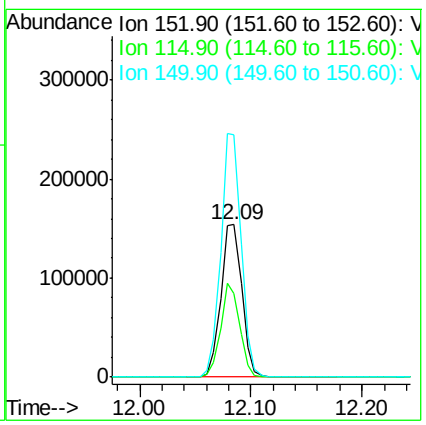


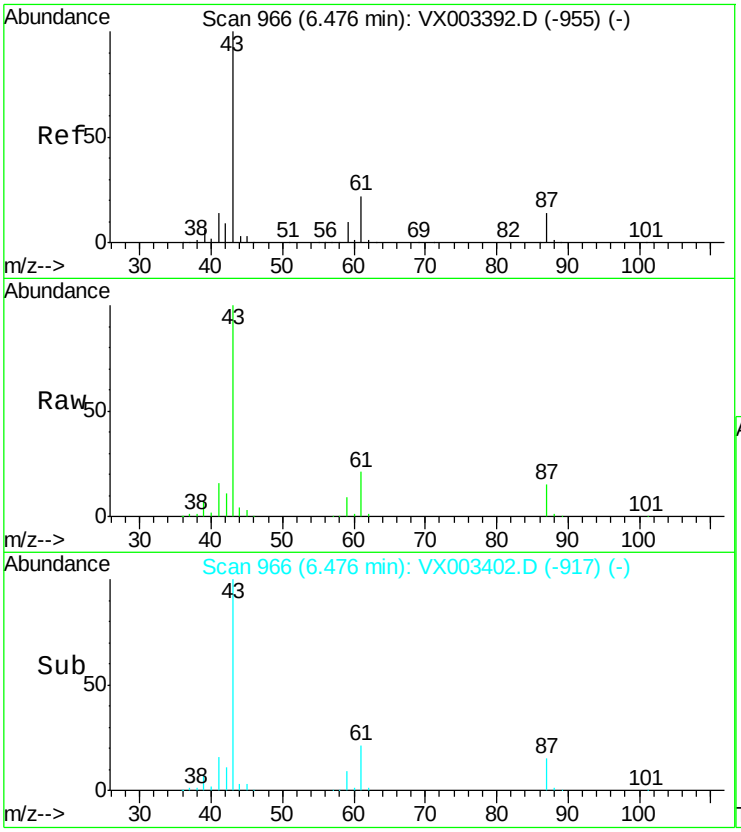


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion:152 Resp: 200070

Ion	Ratio	Lower	Upper
152	100		
115	56.0	40.1	120.2
150	155.5	0.0	347.2



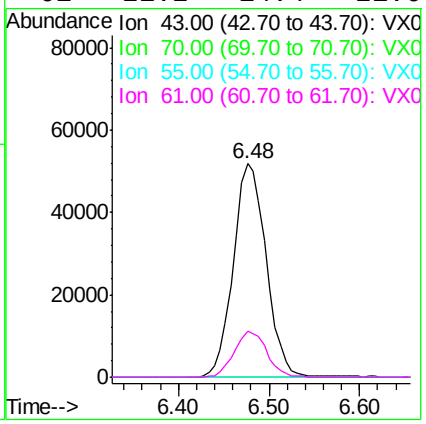


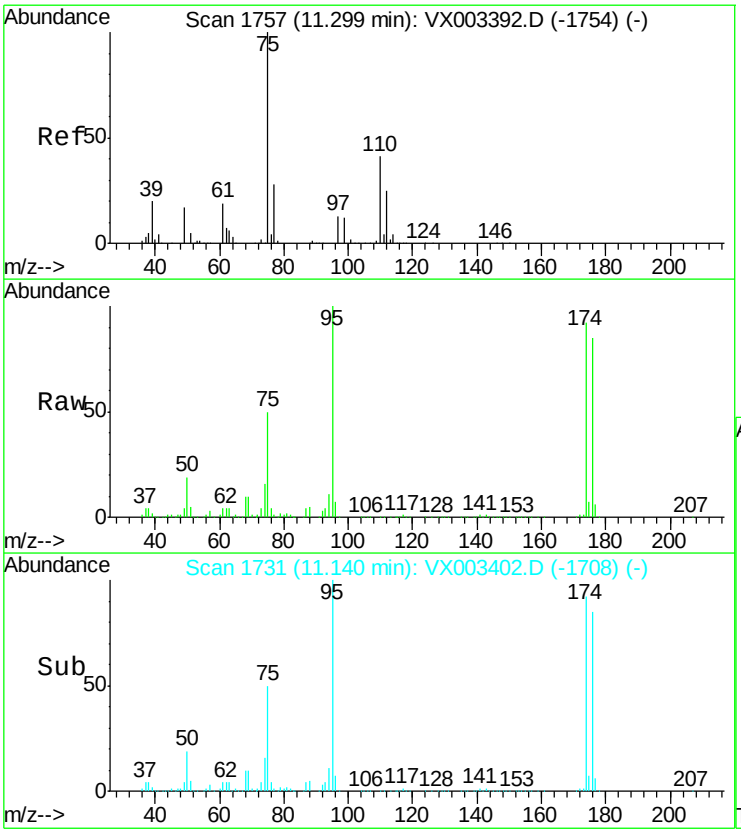
#74
N-amyl acetate
Concen: 21.14 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion: 43 Resp: 130215

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	21.2	14.4	21.6

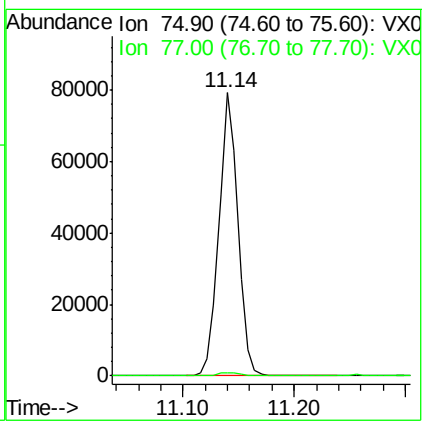


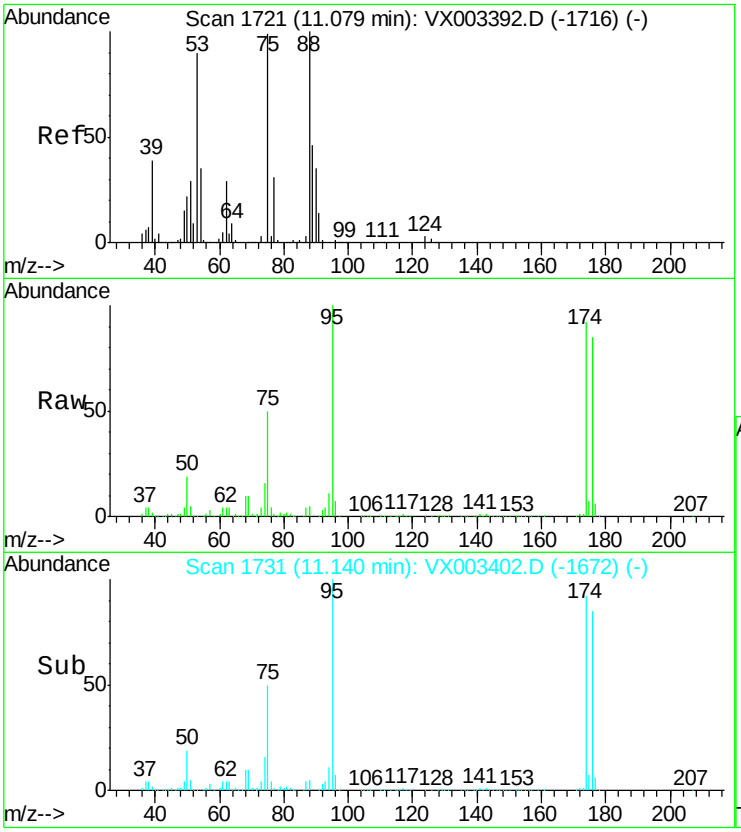


#76
1,2,3-Trichloropropane
Concen: 25.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 75 Resp: 93568

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#



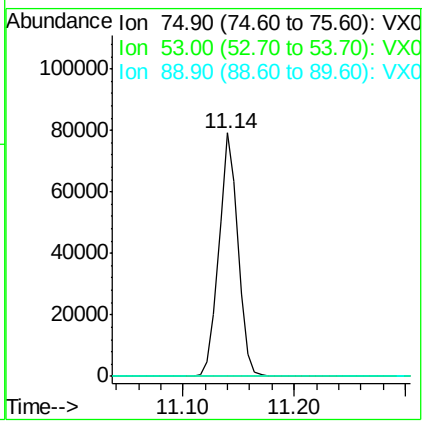


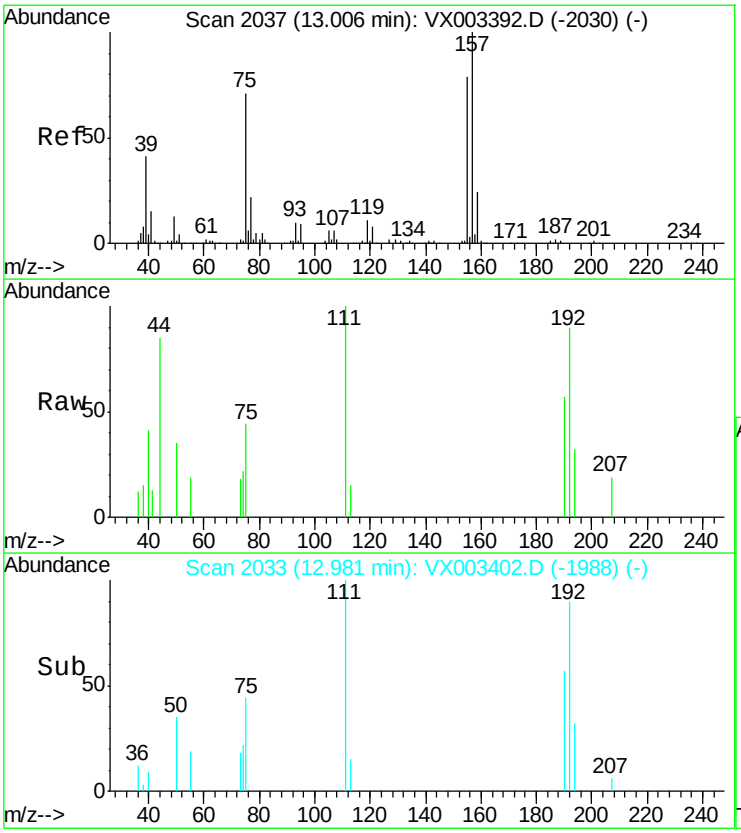
#81
trans-1,4-Dichloro-2-butene
Concen: 83.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion: 75 Resp: 93568

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

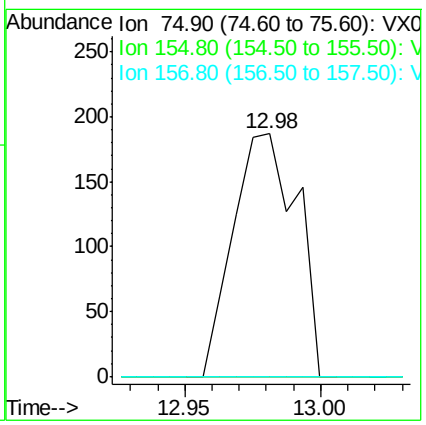


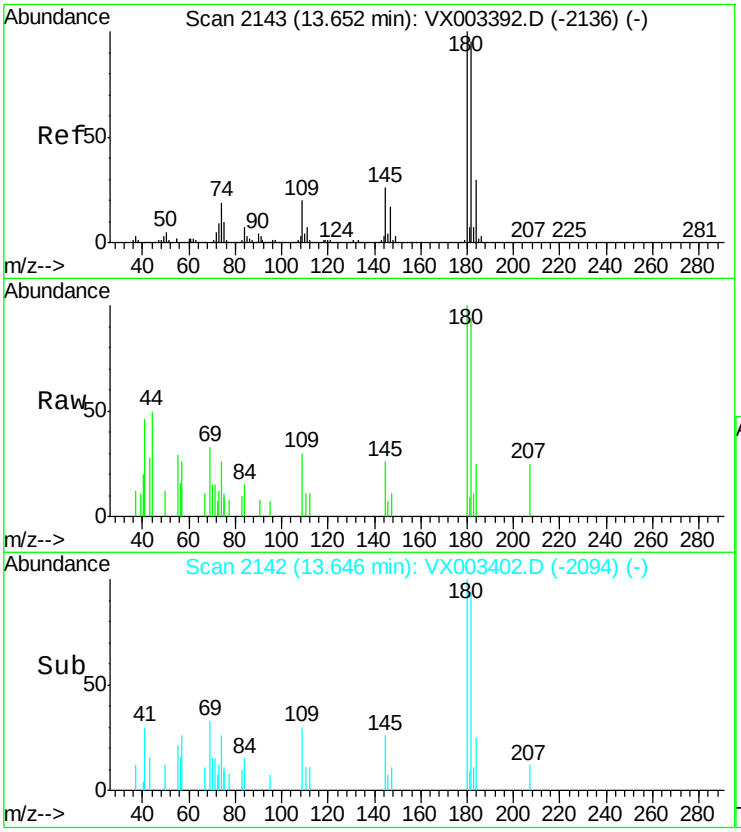


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.35 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Tgt Ion: 75 Resp: 304

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





#93
1,2,4-Trichlorobenzene
Concen: 0.20 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. -0.01 min
Lab File: VX003402.D
Acq: 16 Jul 2018 20:59

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#10

Tgt Ion:180 Resp: 922

Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.7	143.1
145	30.3	14.1	42.4