Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
Data File : VX003407.D
Acq On : 16 Jul 2018 23:14
Operator : JC/MD
Sample : PB111123ZHE#15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#15

Quant Time: Jul 17 02:00:40 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	283768	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	412356	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	386232	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215401	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	181872	48.94	ug/l		0.00
Spiked Amount 50.000			Recovery =	97.88%			
35) Dibromofluoromethane	5.51	113	155010	46.46	ug/l		0.00
Spiked Amount 50.000			Recovery =	92.92%			
50) Toluene-d8	8.72	98	668684	54.31	ug/l		0.00
Spiked Amount 50.000			Recovery =	108.62%			
62) 4-Bromofluorobenzene	11.14	95	209760	47.72	ug/l		0.00
Spiked Amount 50.000			Recovery =	95.44%			
Target Compounds							Qvalue
3) Chloromethane	1.32	50	963	0.28	ug/l	#	79
5) Bromomethane	1.65	94	2262	Below Cal			90
6) Chloroethane	1.73	64	79	Below Cal		#	43
8) Diethyl Ether	2.19	74	463	0.22	ug/l		87
10) Methyl Iodide	2.52	142	1846	0.55	ug/l	#	90
11) Tert butyl alcohol	3.07	59	892	1.07	ug/l	#	86
13) Acrolein	2.28	56	141	0.35	ug/l	#	14
16) Acetone	2.45	43	27589	17.85	ug/l	#	87
18) Methyl Acetate	2.78	43	10701	2.13	ug/l	#	87
20) Methylene Chloride	2.85	84	30941	8.36	ug/l		86
25) 2-Butanone	4.72	43	5364	2.22	ug/l		99
29) Tetrahydrofuran	5.17	42	1327	0.86	ug/l		94
36) 1,1-Dichloropropene	5.67	75	17566	4.21	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	23544	5.54	ug/l	#	17
43) Isopropyl Acetate	6.48	43	128853	18.14	ug/l	#	92
48) Methyl methacrylate	7.77	41	2232	0.62	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.63	43	3137	0.67	ug/l	#	39
53) t-1,3-Dichloropropene	8.62	75	1427	0.30	ug/l	#	43
59) 2-Hexanone	9.55	43	11624	3.24	ug/l		64
74) N-amyl acetate	6.48	43	128853	19.43	ug/l	#	91
76) 1,2,3-Trichloropropane	11.14	75	101617	26.06	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	101617	84.66	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	270	0.29	ug/l	#	1

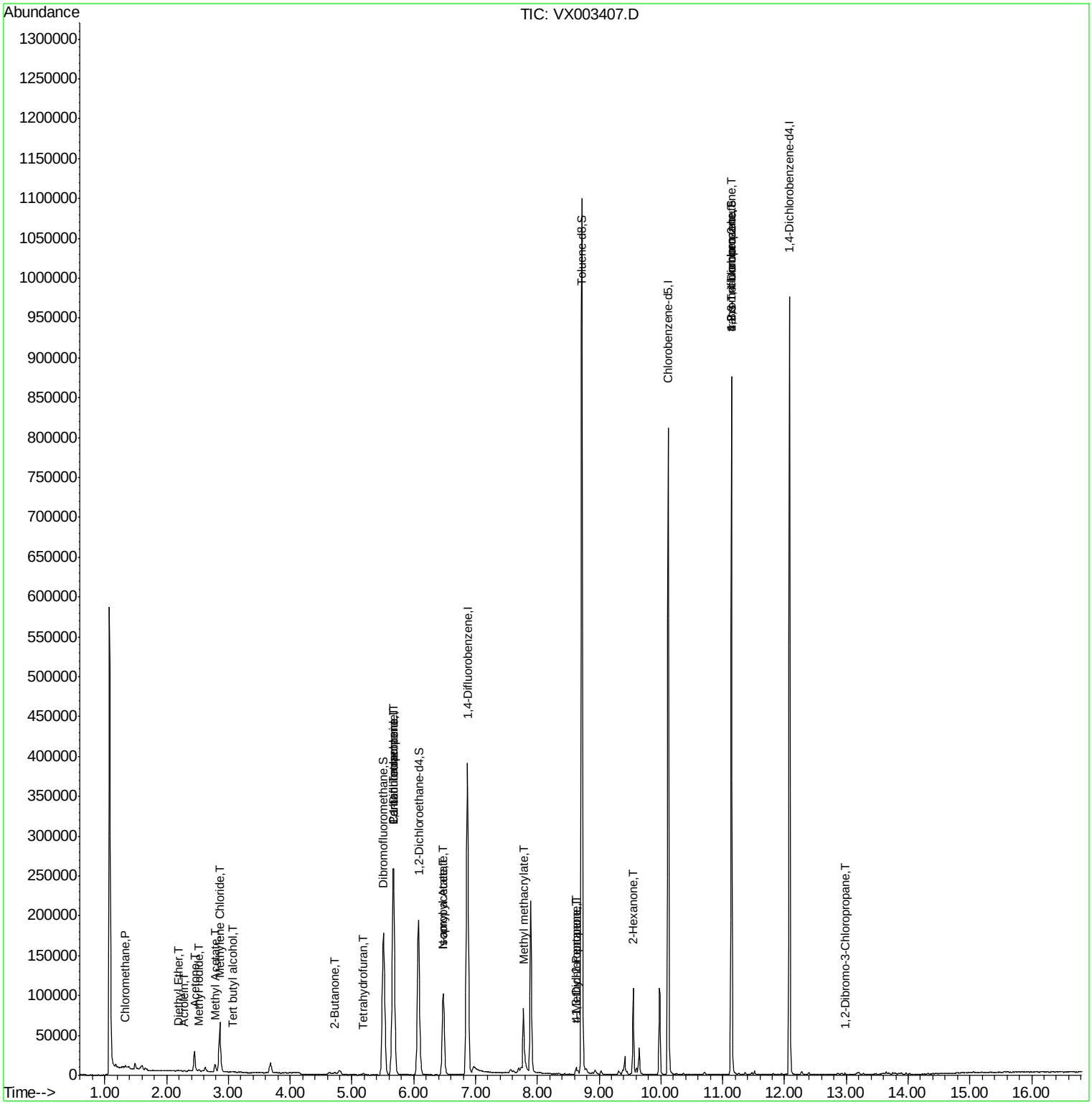
(#) = qualifier out of range (m) = manual integration (+) = signals summed

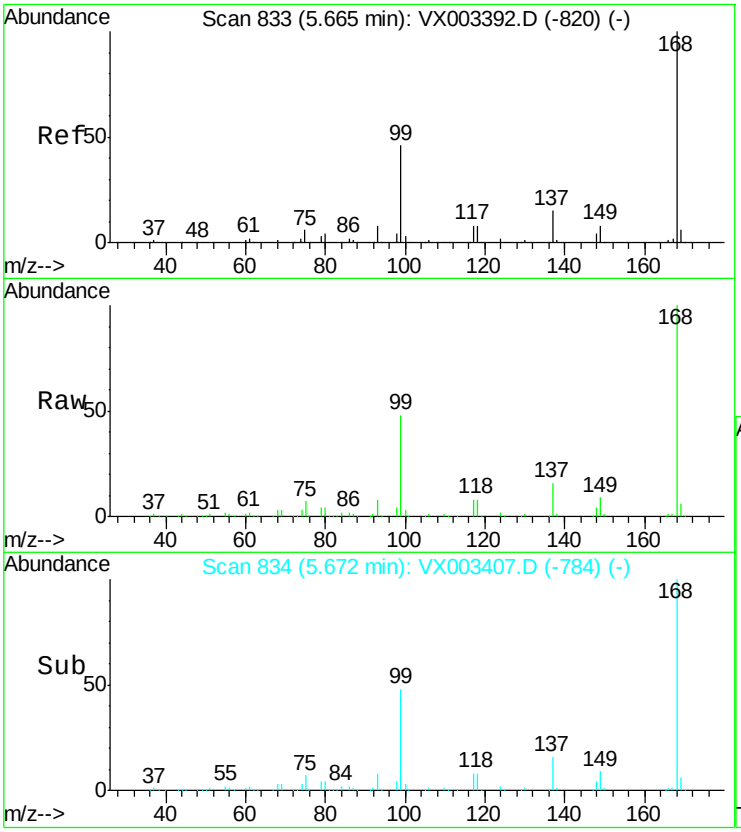
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Data File : VX003407.D
Acq On : 16 Jul 2018 23:14
Operator : JC/MD
Sample : PB111123ZHE#15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#15

Quant Time: Jul 17 02:00:40 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



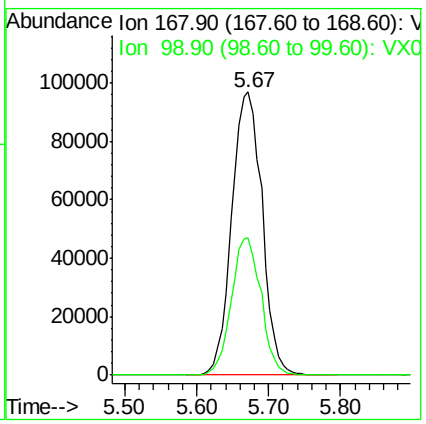


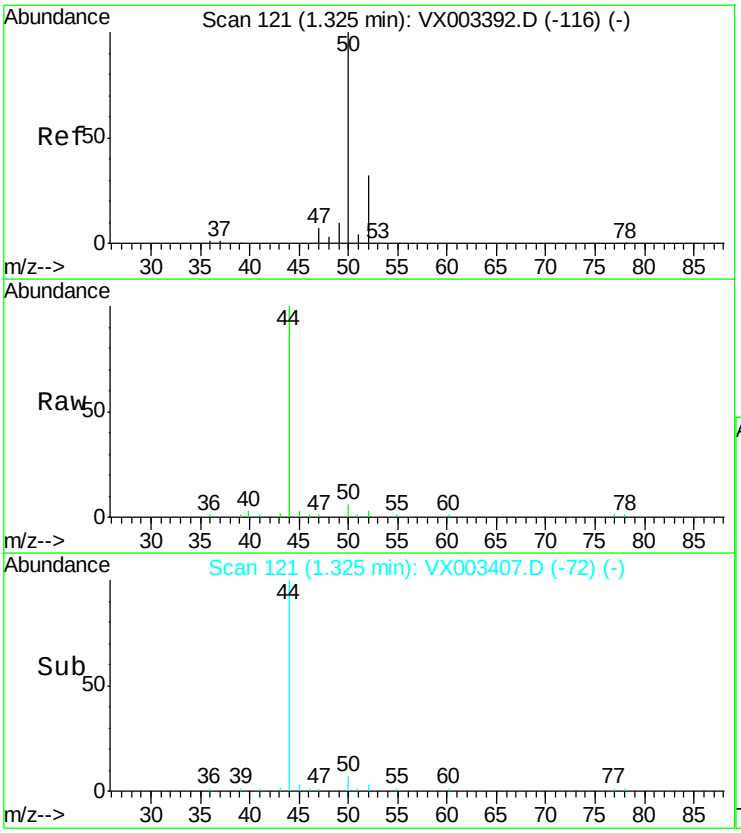
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion:168 Resp: 283768

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.3	58.9

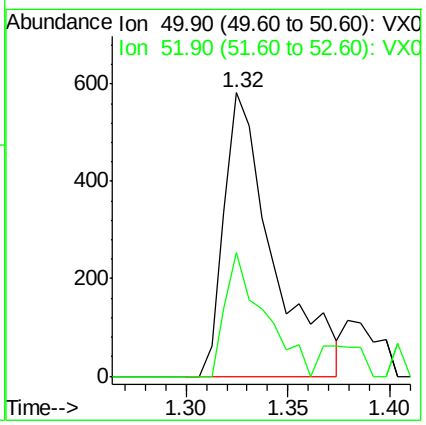


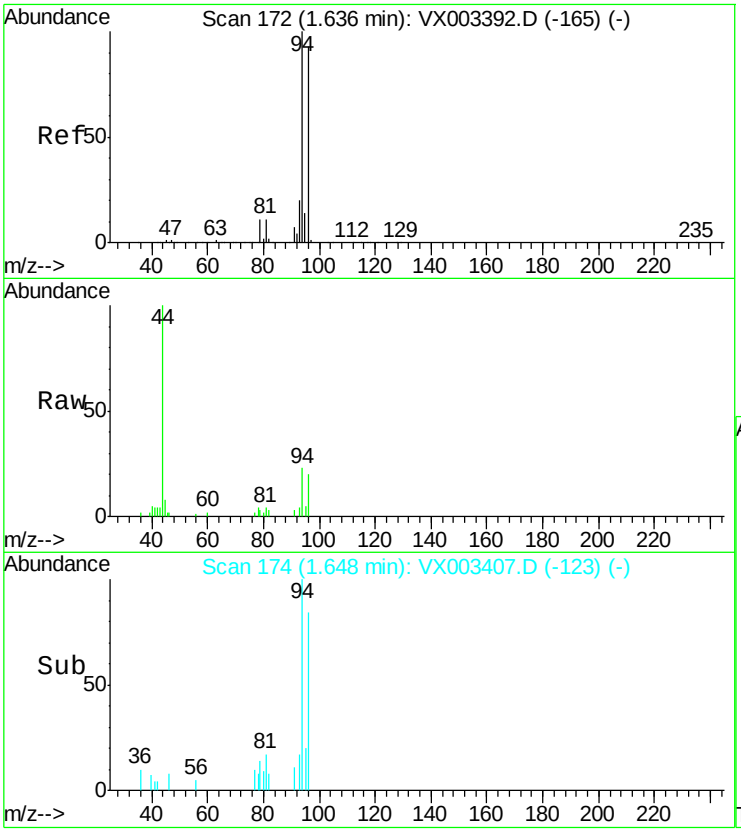


#3
Chloromethane
Concen: 0.28 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 50 Resp: 963

Ion	Ratio	Lower	Upper
50	100		
52	43.8	25.7	38.5#



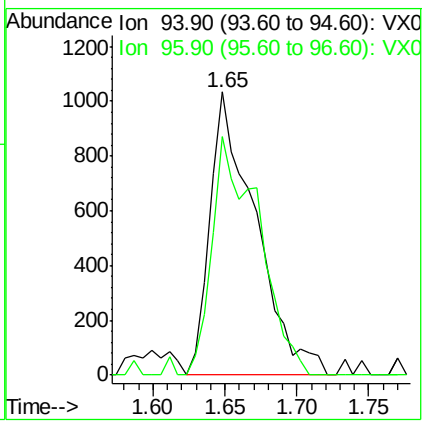


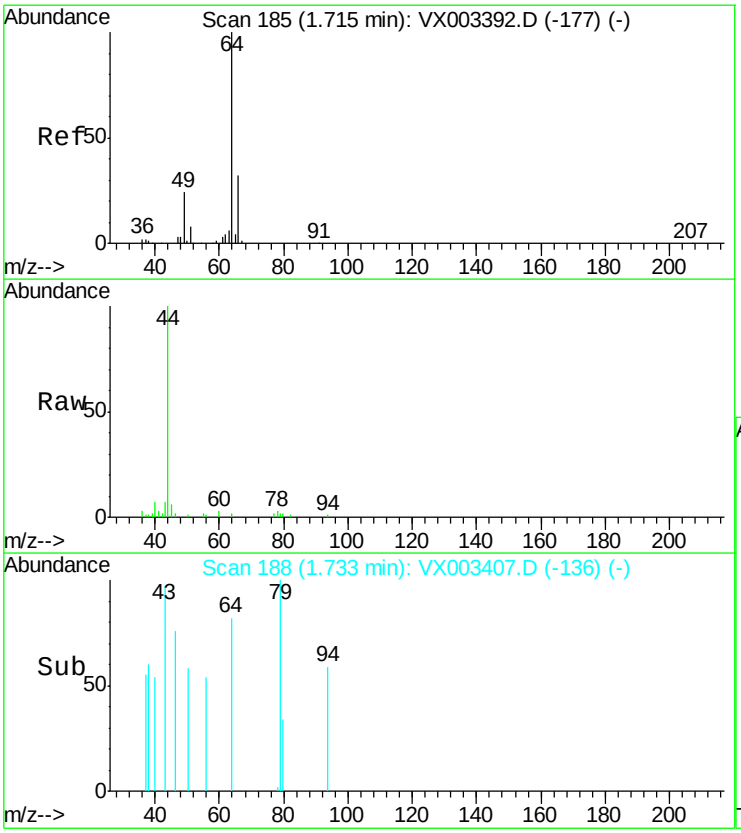
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion: 94 Resp: 2262

Ion	Ratio	Lower	Upper
94	100		
96	84.2	74.9	112.3

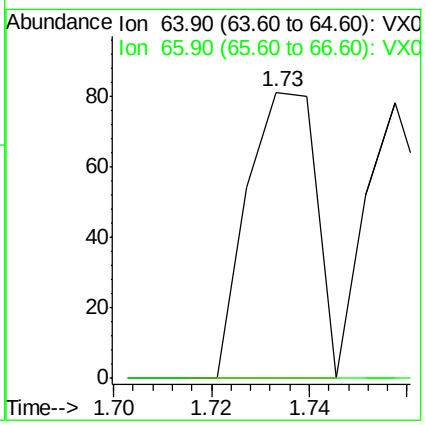


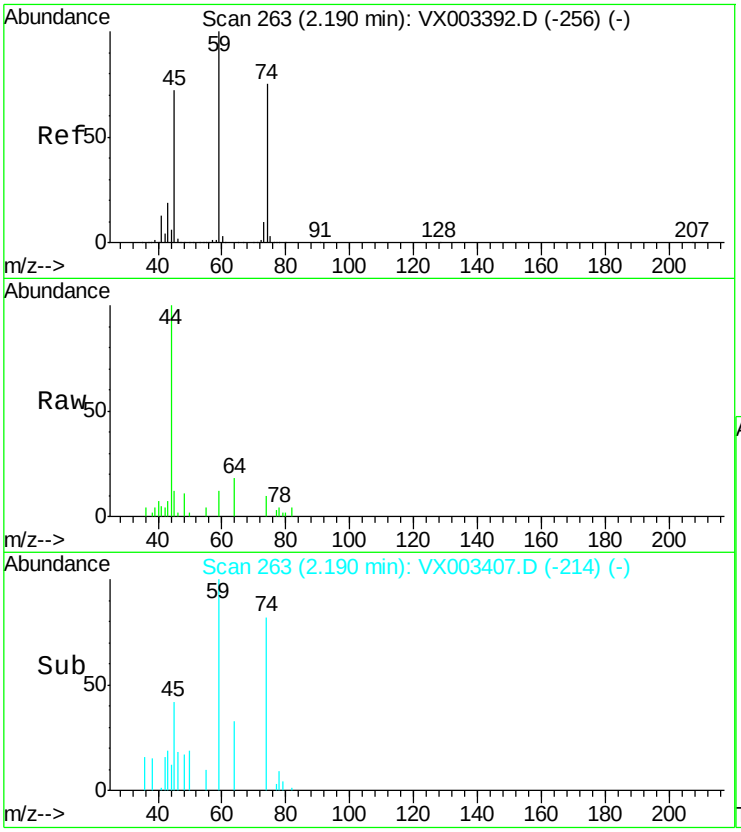


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 188
Delta R.T. 0.02 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 64 Resp: 79

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



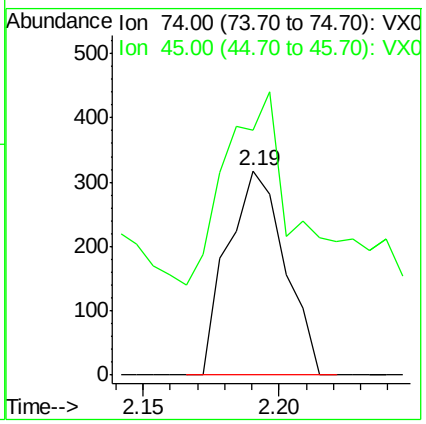


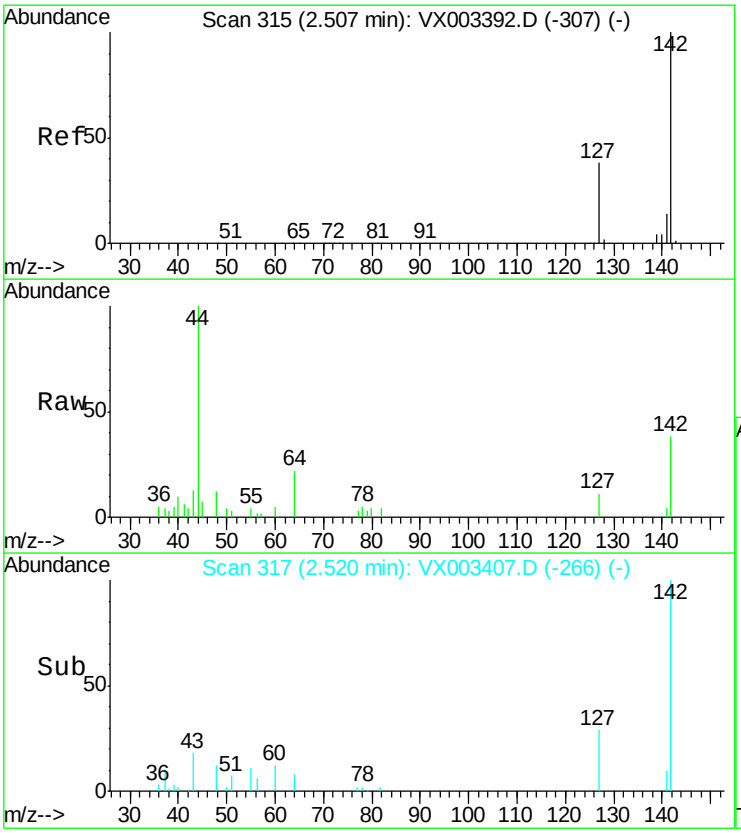
#8
Diethyl Ether
Concen: 0.22 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#15

Tgt Ion: 74 Resp: 463

Ion	Ratio	Lower	Upper
74	100		
45	120.1	53.1	159.4

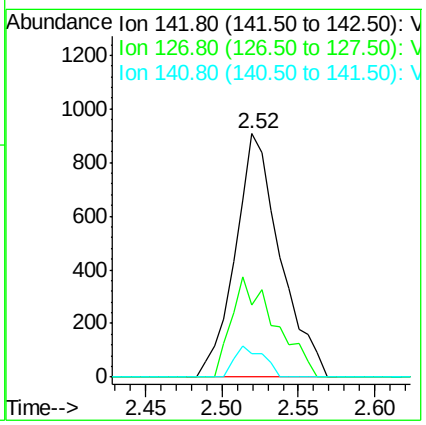


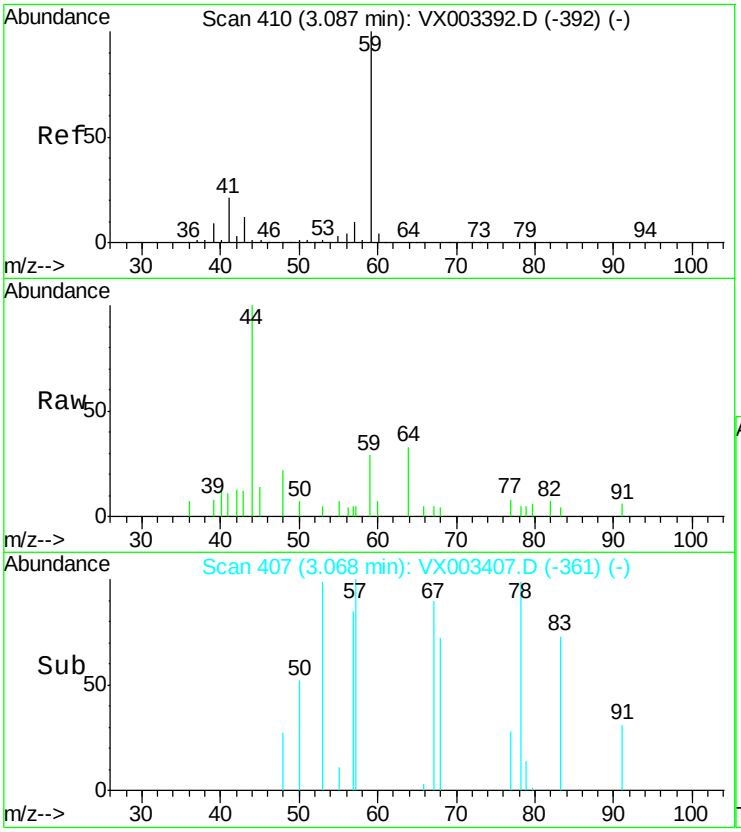


#10
Methyl Iodide
Concen: 0.55 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion:142 Resp: 1846

Ion	Ratio	Lower	Upper
142	100		
127	40.1	36.6	55.0
141	8.1	11.3	16.9#



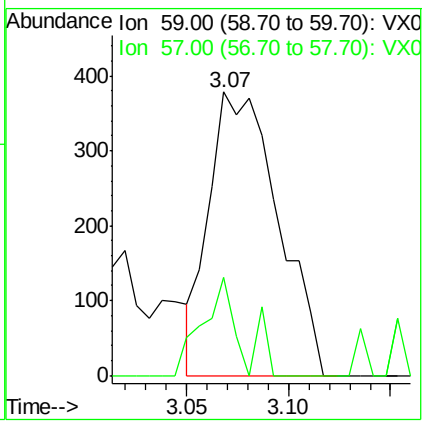


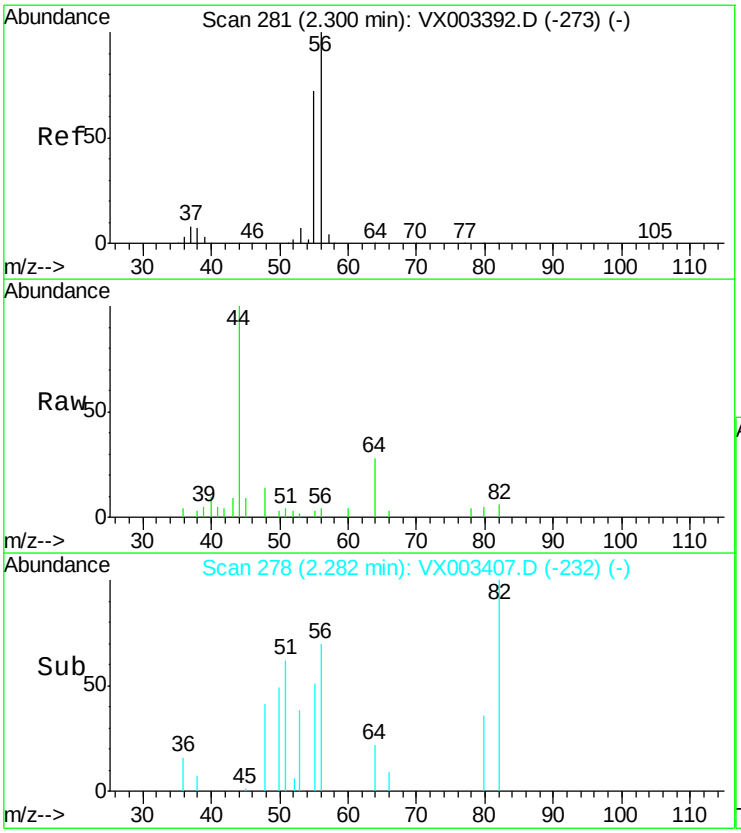
#11
Tert butyl alcohol
Concen: 1.07 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#15

Tgt Ion: 59 Resp: 892

Ion	Ratio	Lower	Upper
59	100		
57	15.5	8.2	12.2#

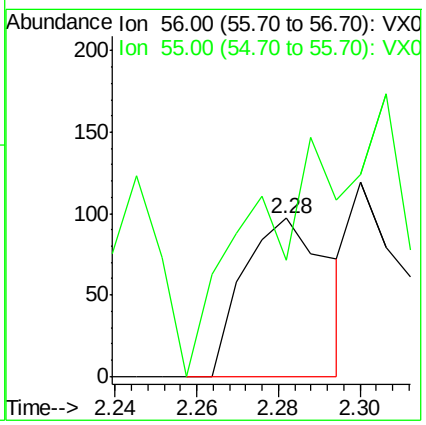


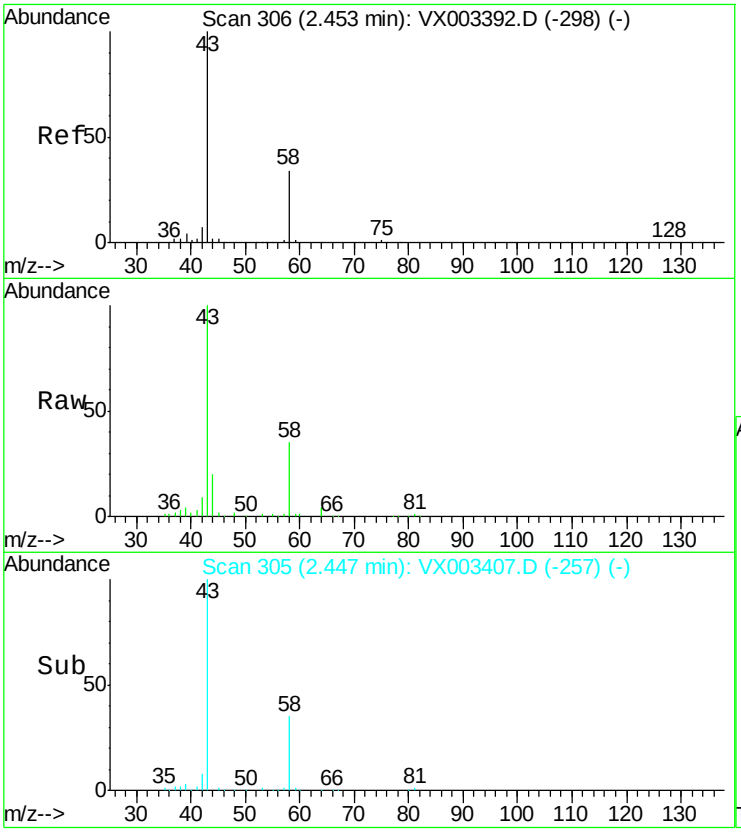


#13
Acrolein
Concen: 0.35 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 56 Resp: 141

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



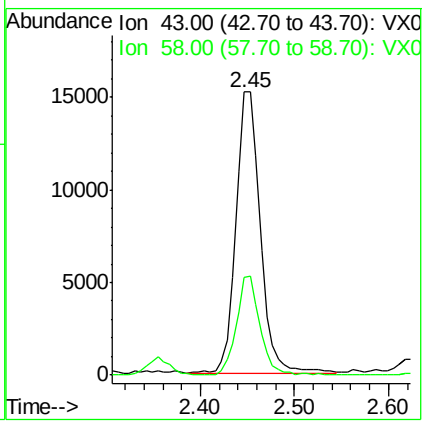


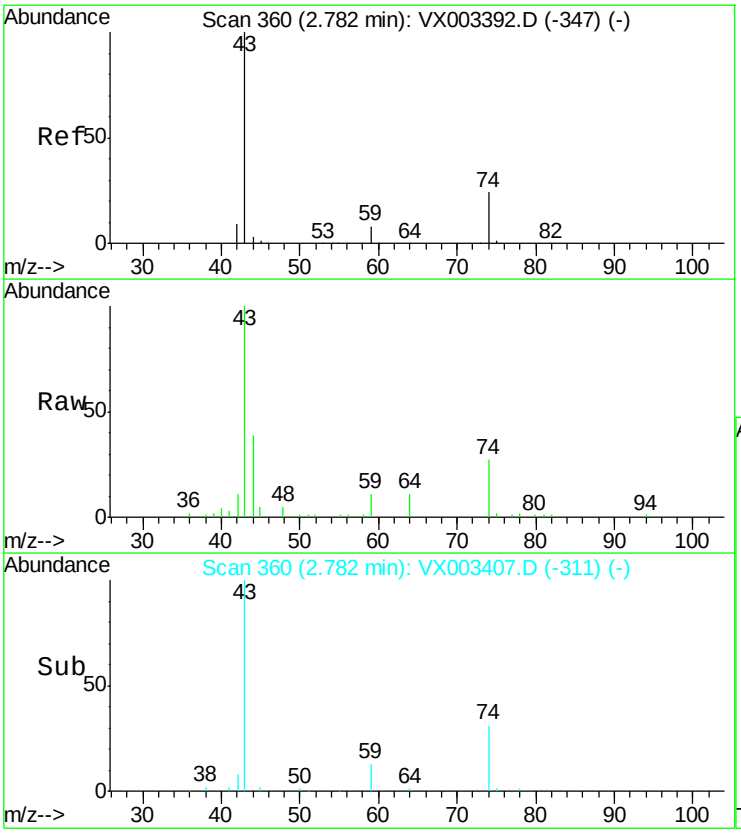
#16
Acetone
Concen: 17.85 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion: 43 Resp: 27589

Ion	Ratio	Lower	Upper
43	100		
58	34.4	22.1	33.1#

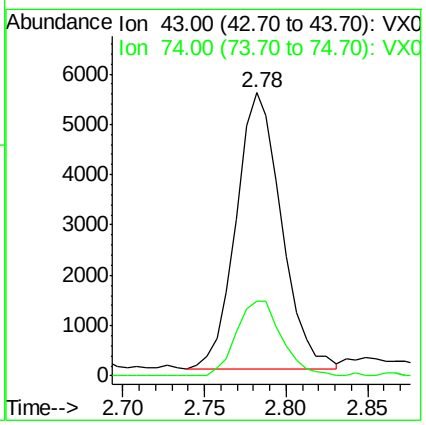


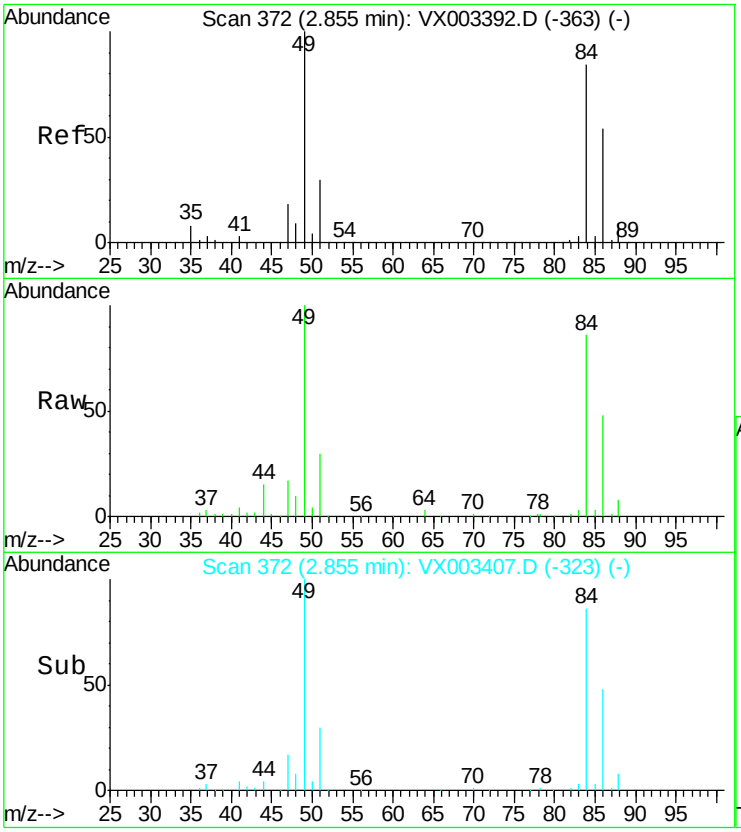


#18
Methyl Acetate
Concen: 2.13 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 43 Resp: 10701

Ion	Ratio	Lower	Upper
43	100		
74	27.0	16.7	25.1#



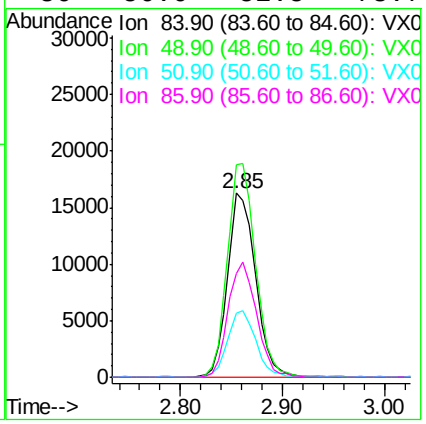


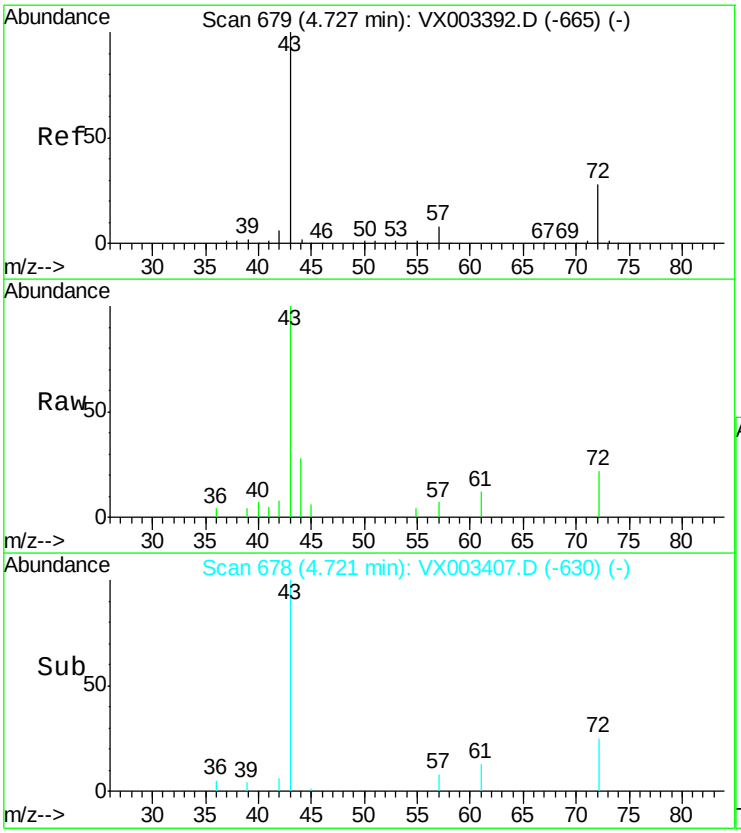
#20
Methylene Chloride
Concen: 8.36 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#15

Tgt Ion: 84 Resp: 30941

Ion	Ratio	Lower	Upper
84	100		
49	115.7	107.8	161.6
51	34.9	32.8	49.2
86	56.0	52.5	78.7

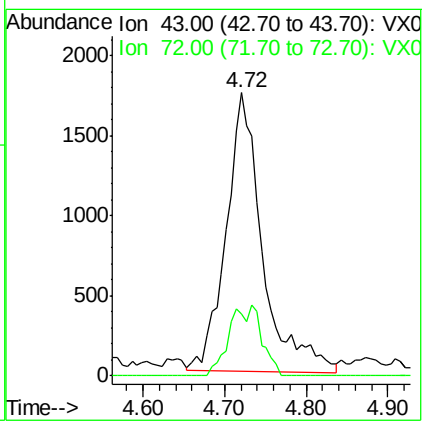


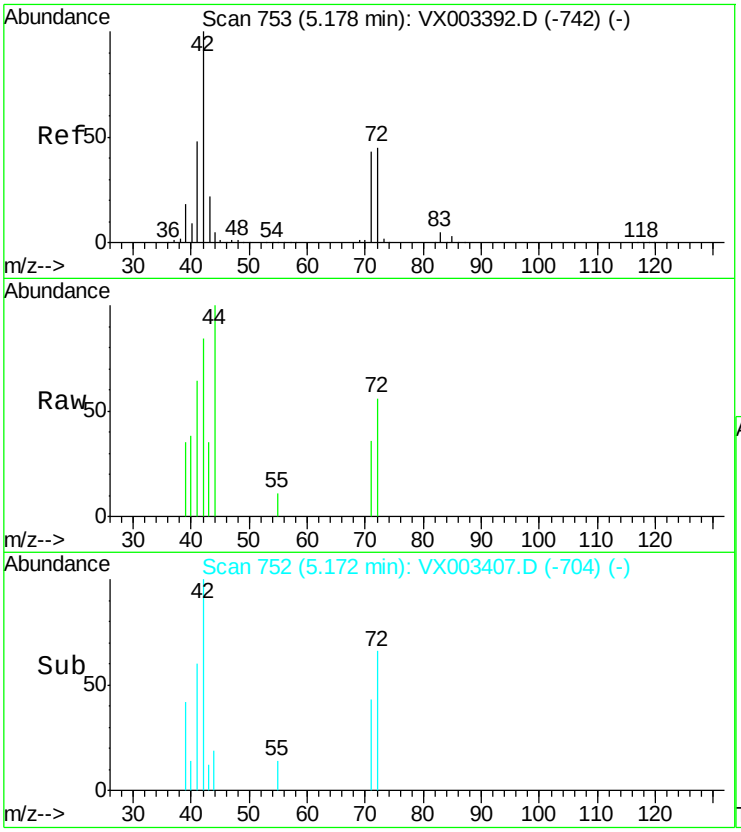


#25
2-Butanone
Concen: 2.22 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 43 Resp: 5364

Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.5	27.7



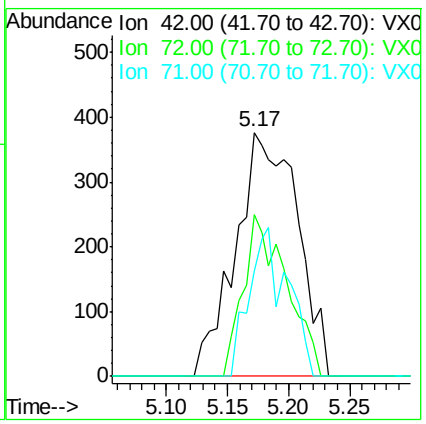


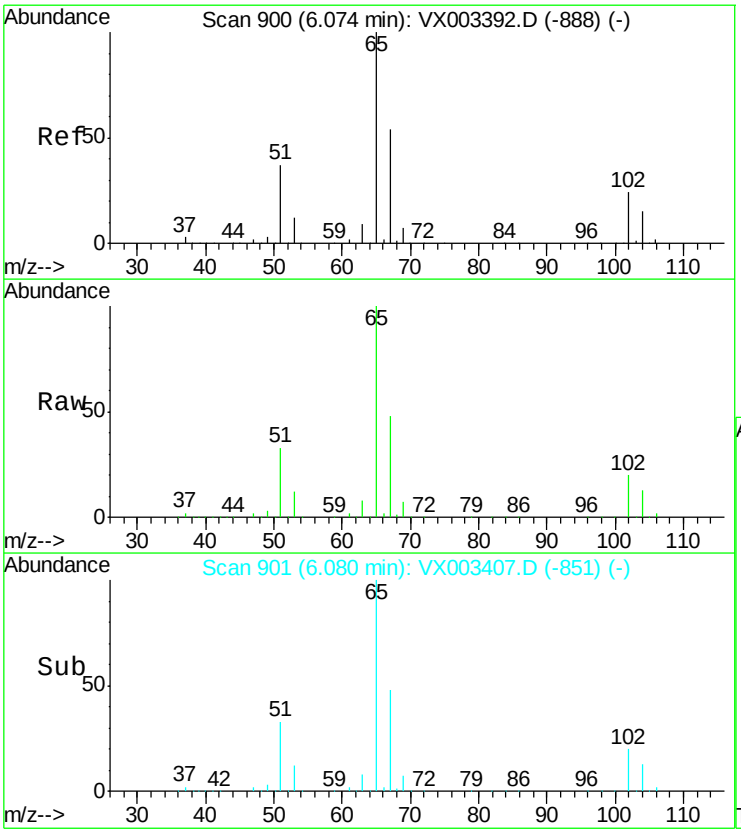
#29
Tetrahydrofuran
Concen: 0.86 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion: 42 Resp: 1327

Ion	Ratio	Lower	Upper
42	100		
72	46.3	32.0	48.0
71	37.9	30.1	45.1

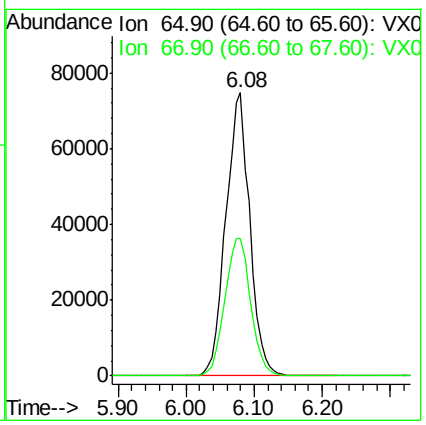


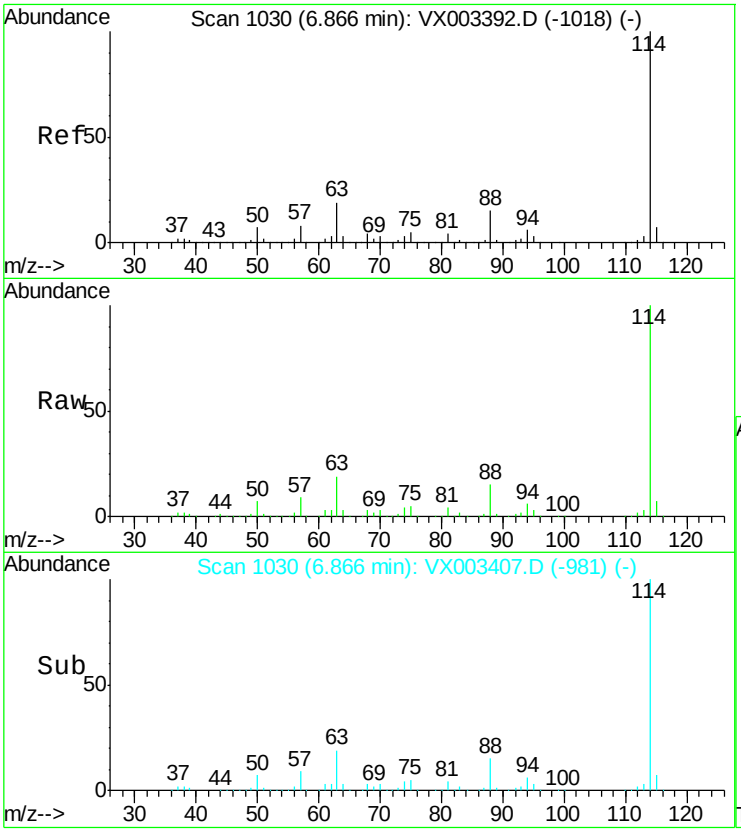


#33
1,2-Dichloroethane-d4
Concen: 48.94 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 65 Resp: 181872

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.6



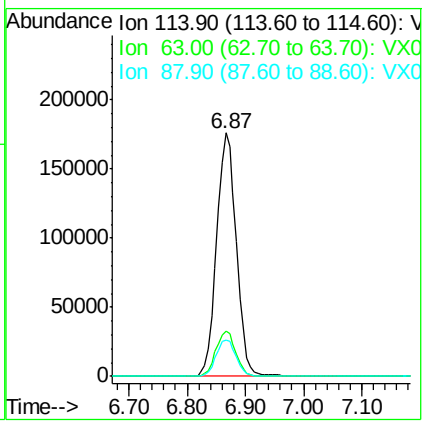


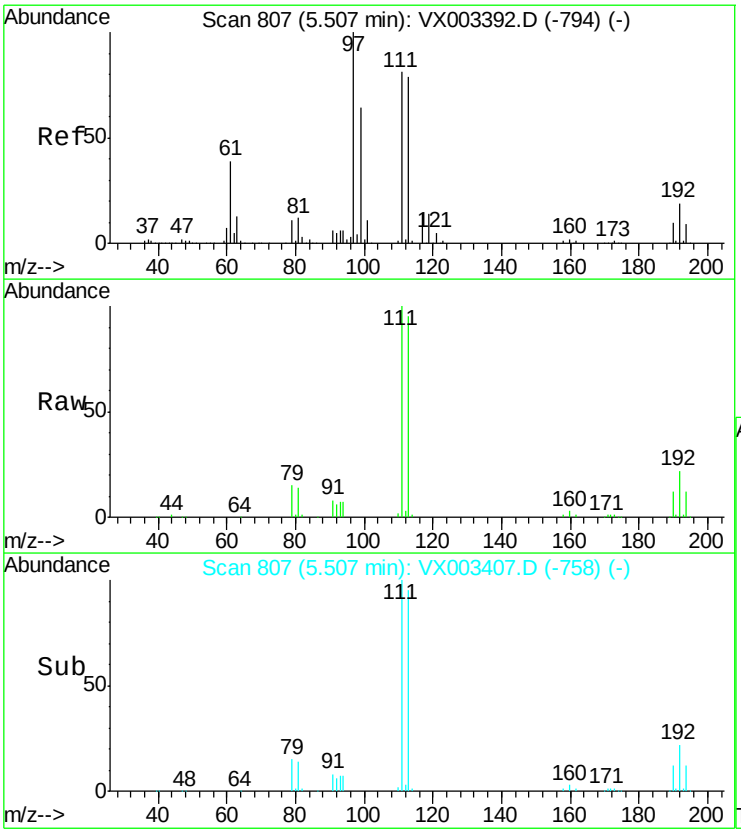
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion:114 Resp: 412356

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	41.4
88	14.9	0.0	30.0

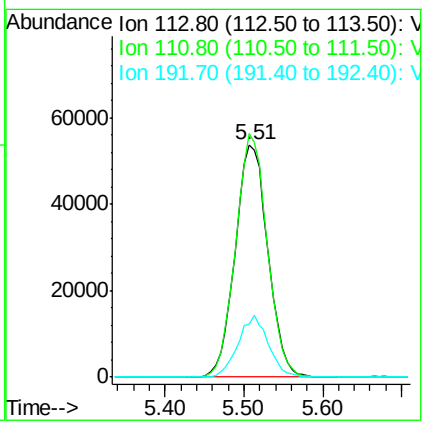


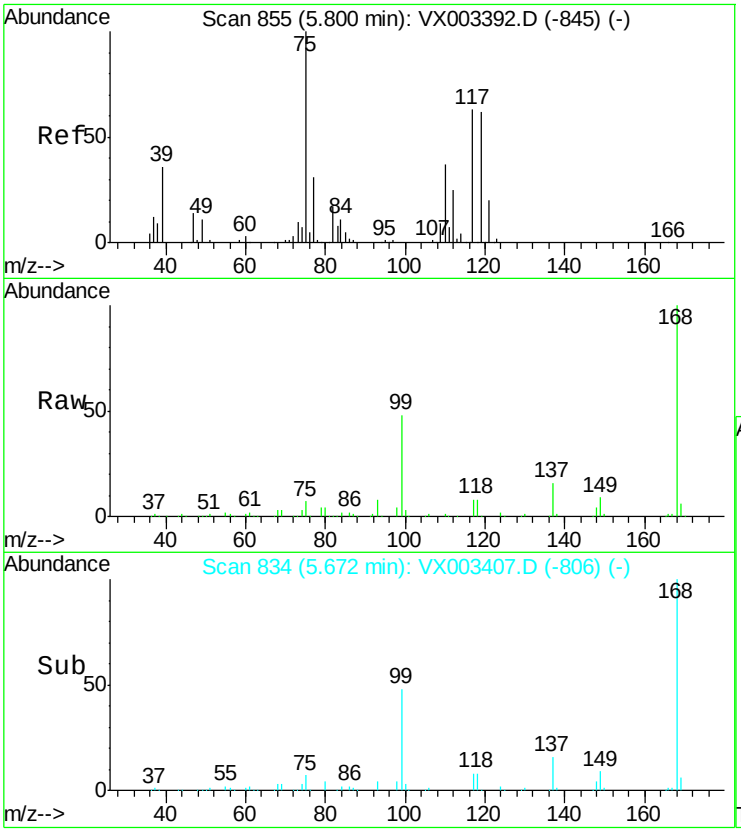


#35
Dibromofluoromethane
Concen: 46.46 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion:113 Resp: 155010

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	24.6	19.1	28.7



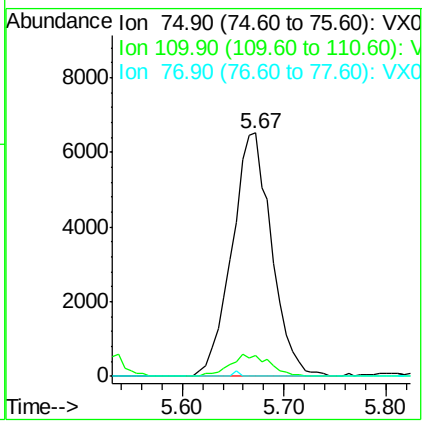


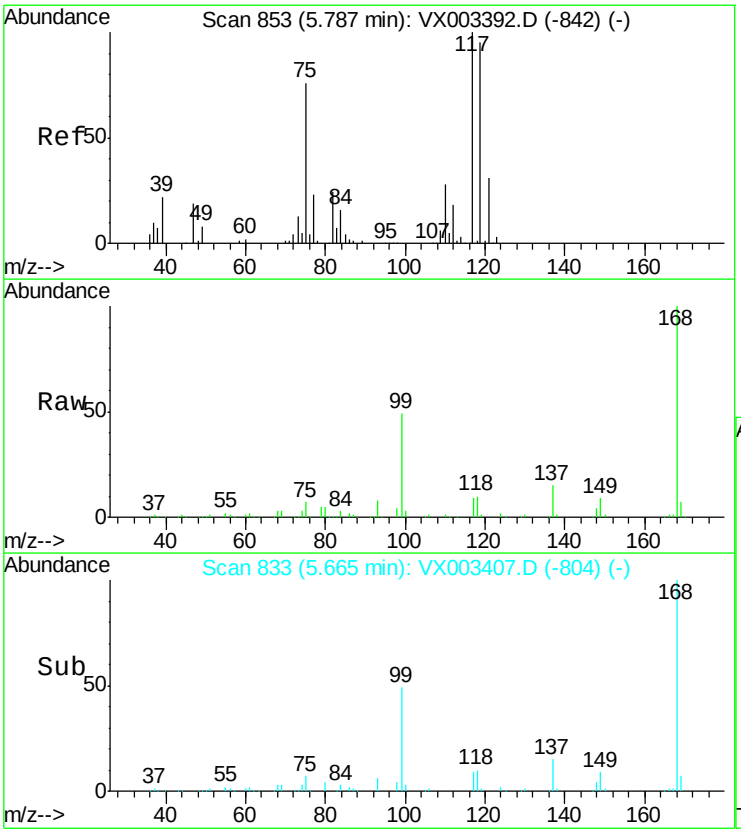
#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion: 75 Resp: 17566

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.3	24.3	36.5#

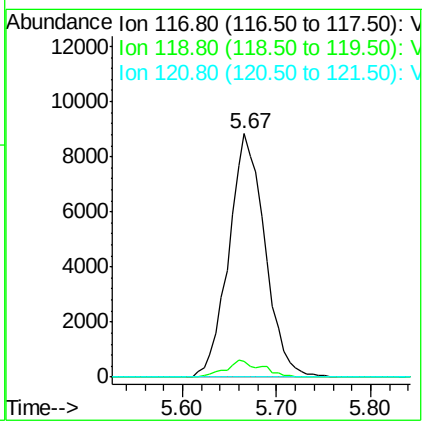


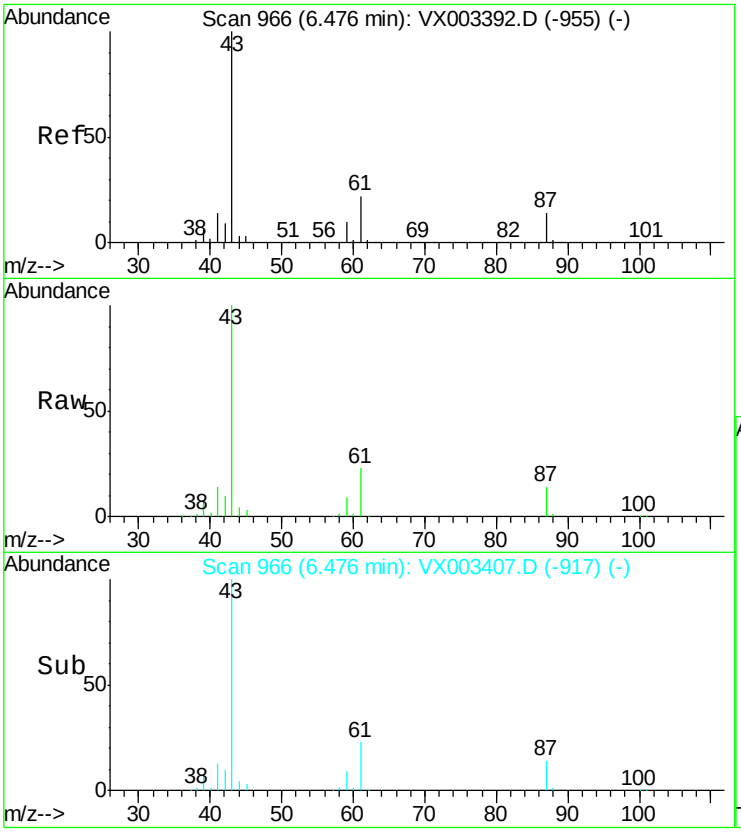


#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion:117 Resp: 23544

Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.4	116.0#
121	0.0	24.4	36.6#



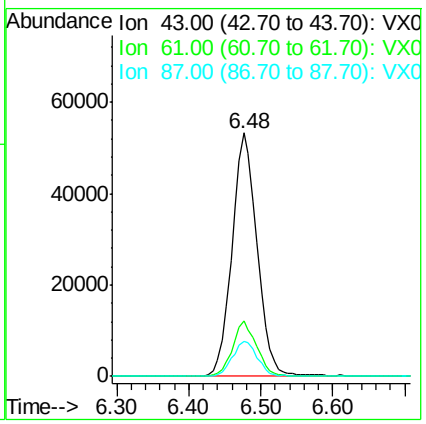


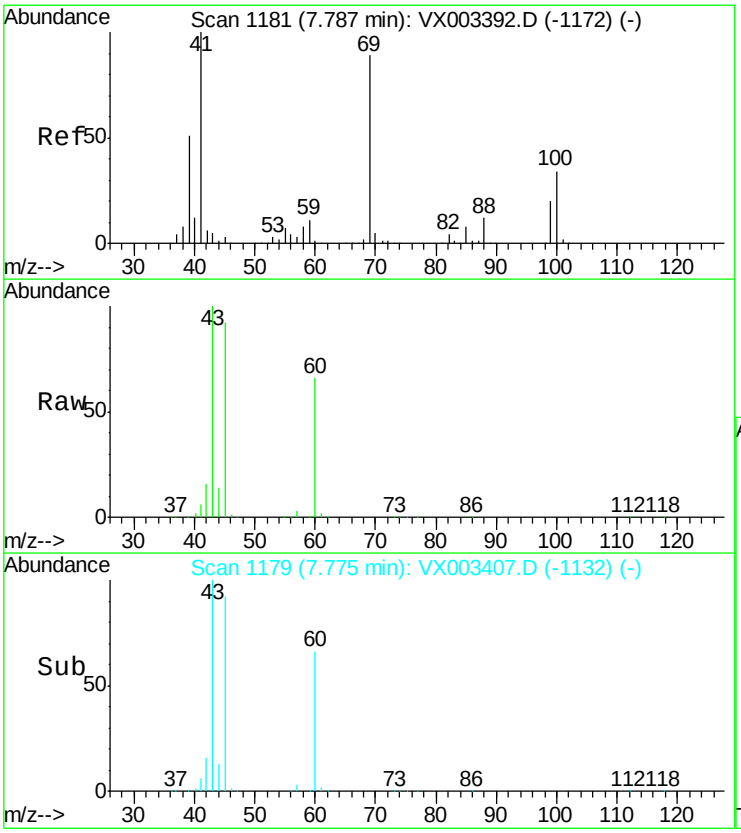
#43
Isopropyl Acetate
Concen: 18.14 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#15

Tgt Ion: 43 Resp: 128853

Ion	Ratio	Lower	Upper
43	100		
61	21.8	14.4	21.6#
87	14.3	9.5	14.3#

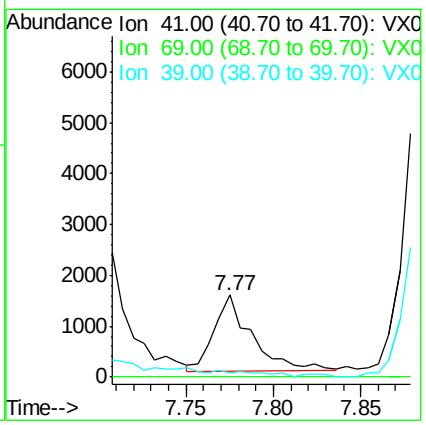


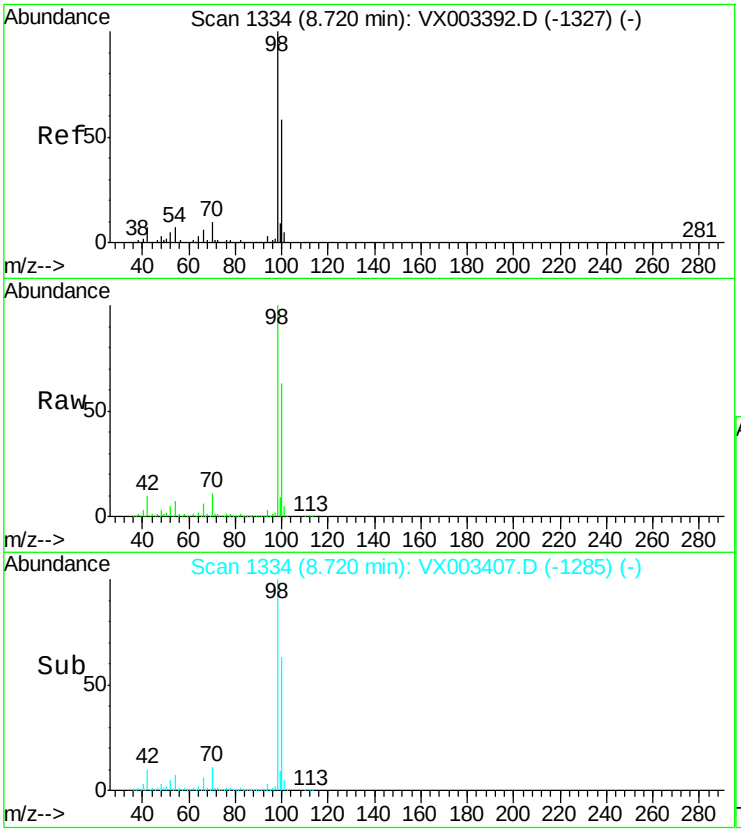


#48
Methyl methacrylate
Concen: 0.62 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 41 Resp: 2232

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



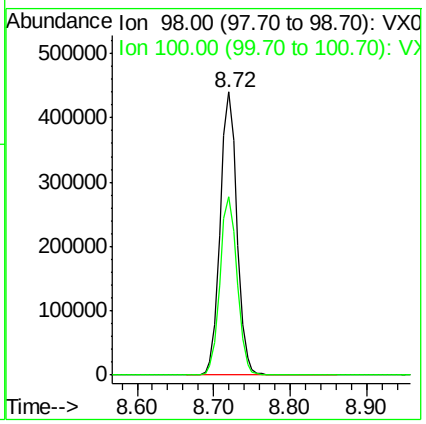


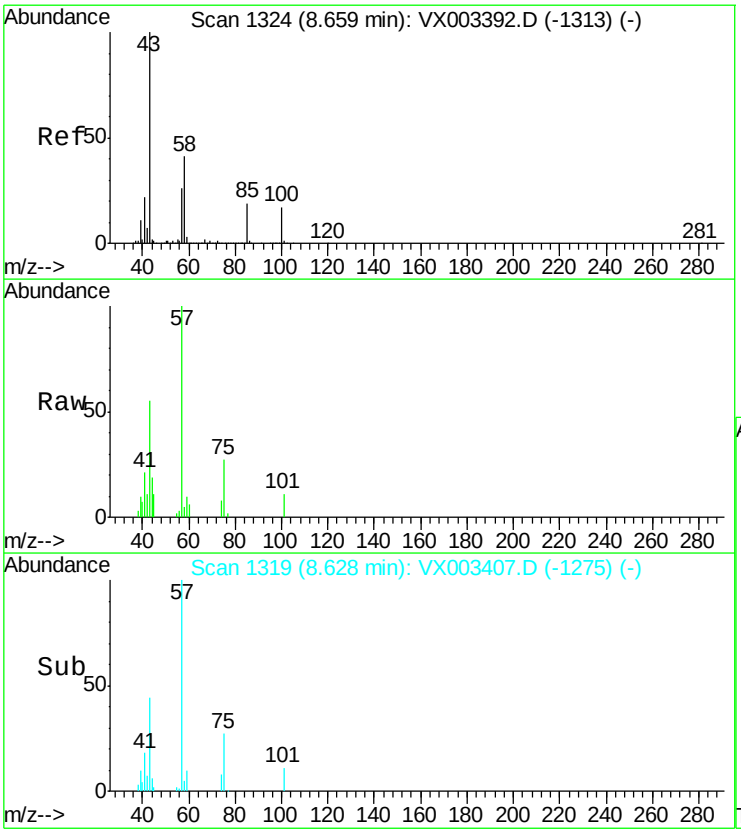
#50
Toluene-d8
Concen: 54.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion: 98 Resp: 668684

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3

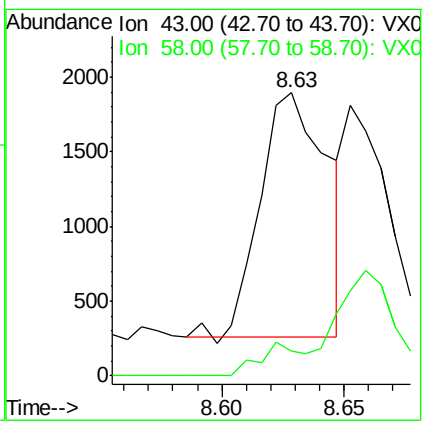


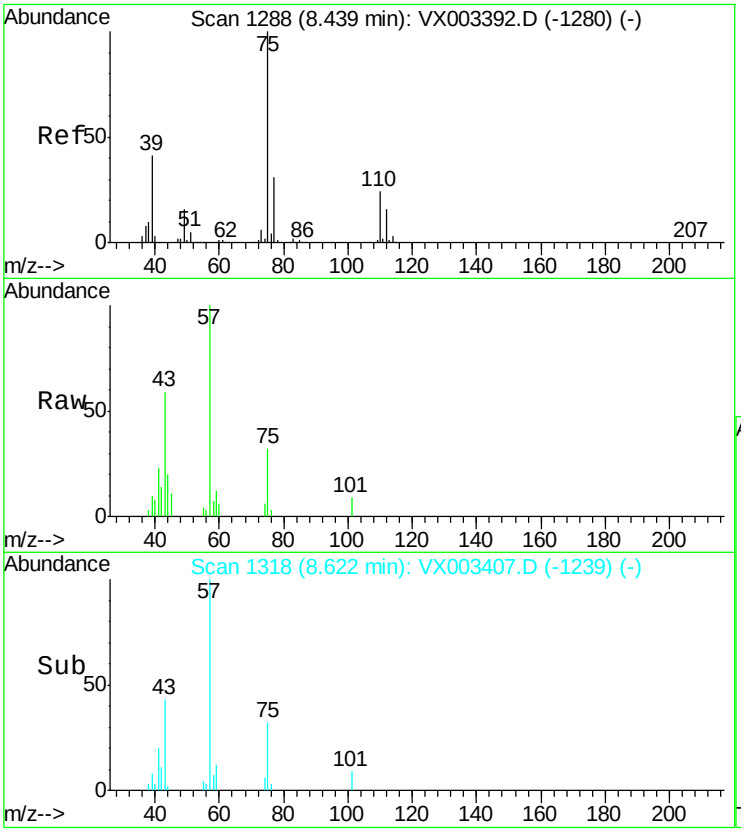


#51
4-Methyl-2-Pentanone
Concen: 0.67 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. -0.03 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 43 Resp: 3137

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	42.8#



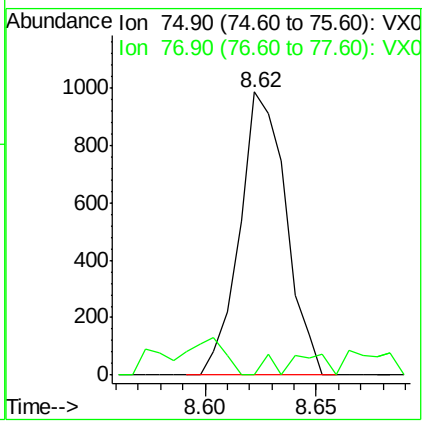


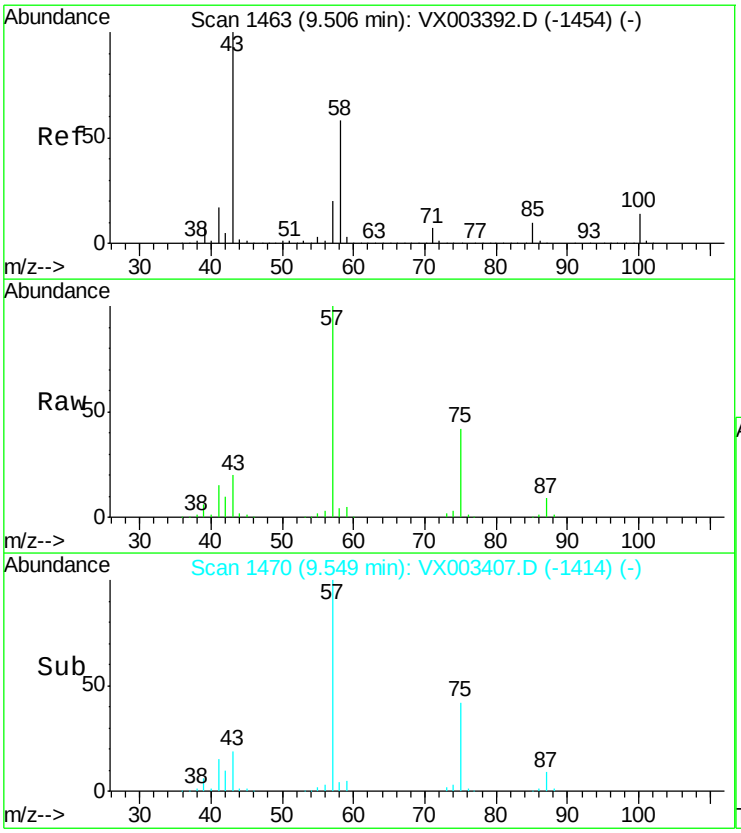
#53
t-1,3-Dichloropropene
Concen: 0.30 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. 0.18 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion: 75 Resp: 1427

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#

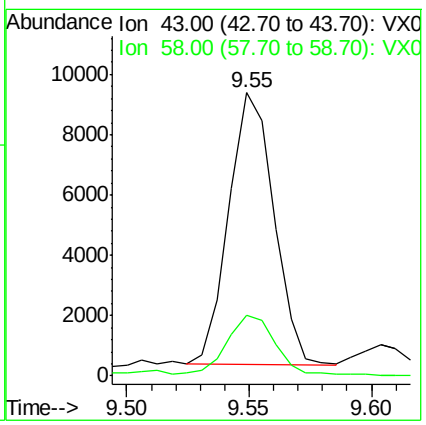


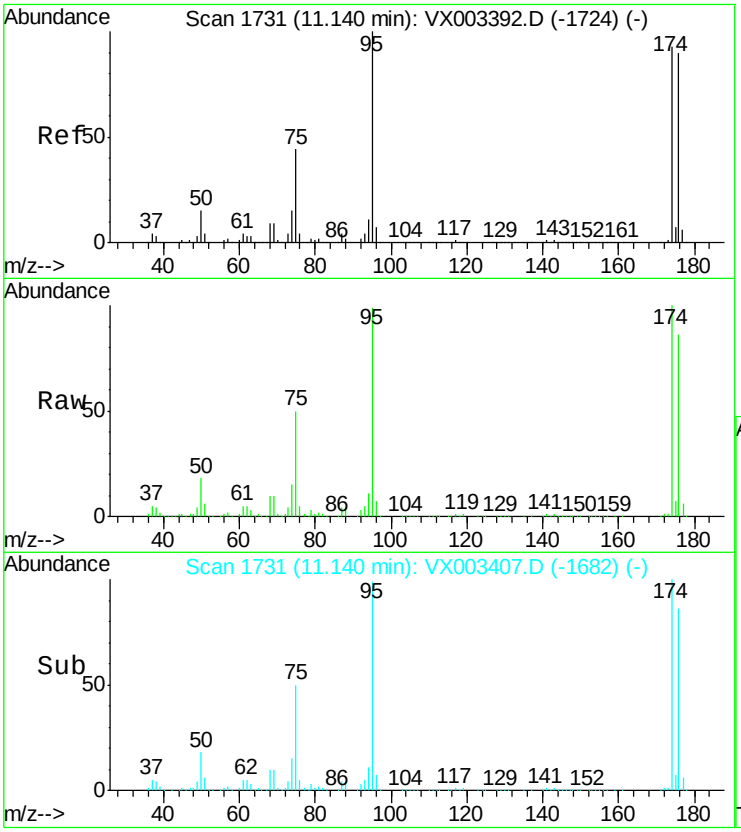


#59
2-Hexanone
Concen: 3.24 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.04 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 43 Resp: 11624

Ion	Ratio	Lower	Upper
43	100		
58	24.6	24.6	73.6



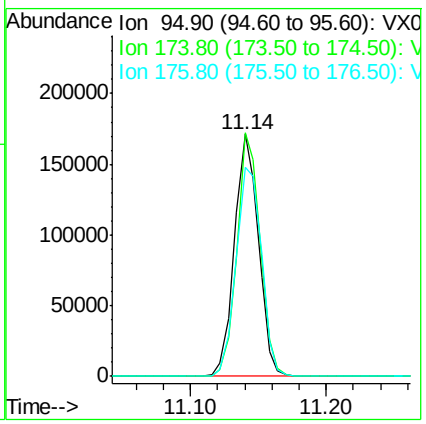


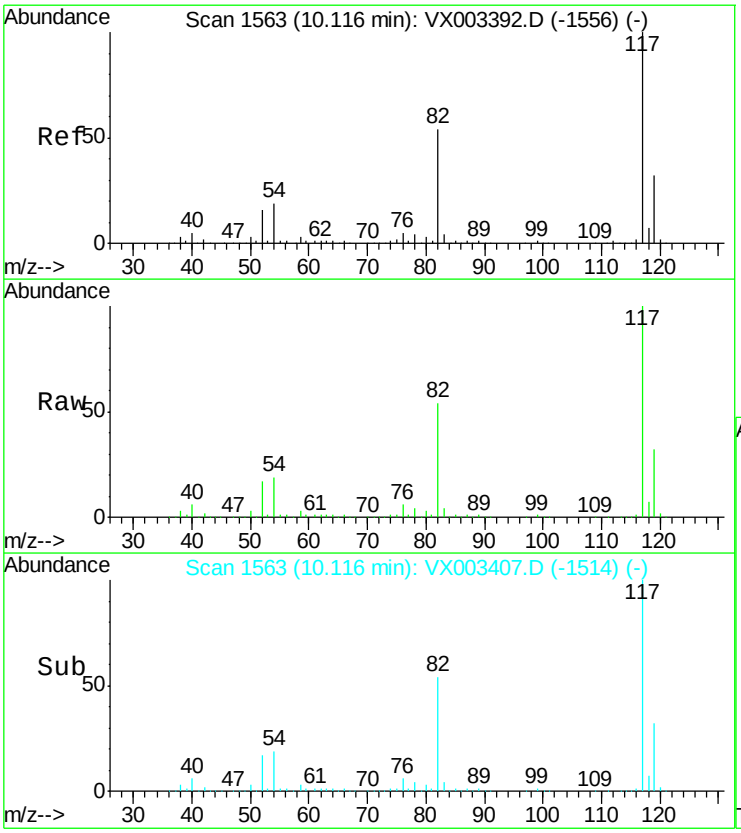
#62
4-Bromofluorobenzene
Concen: 47.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion: 95 Resp: 209760

Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	187.4
176	92.1	0.0	181.0

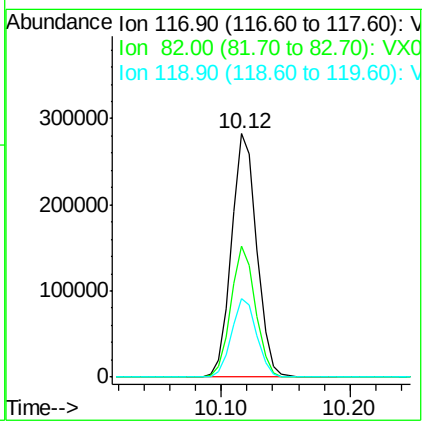


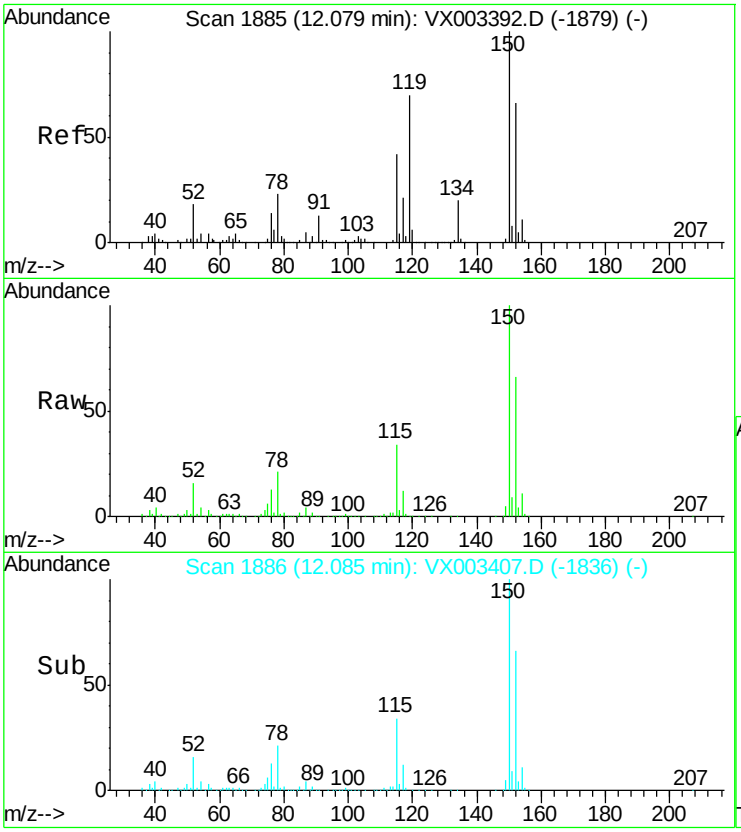


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion:117 Resp: 386232

Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.4
119	32.4	25.8	38.6



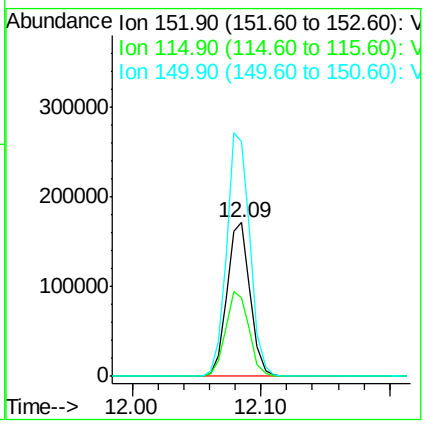


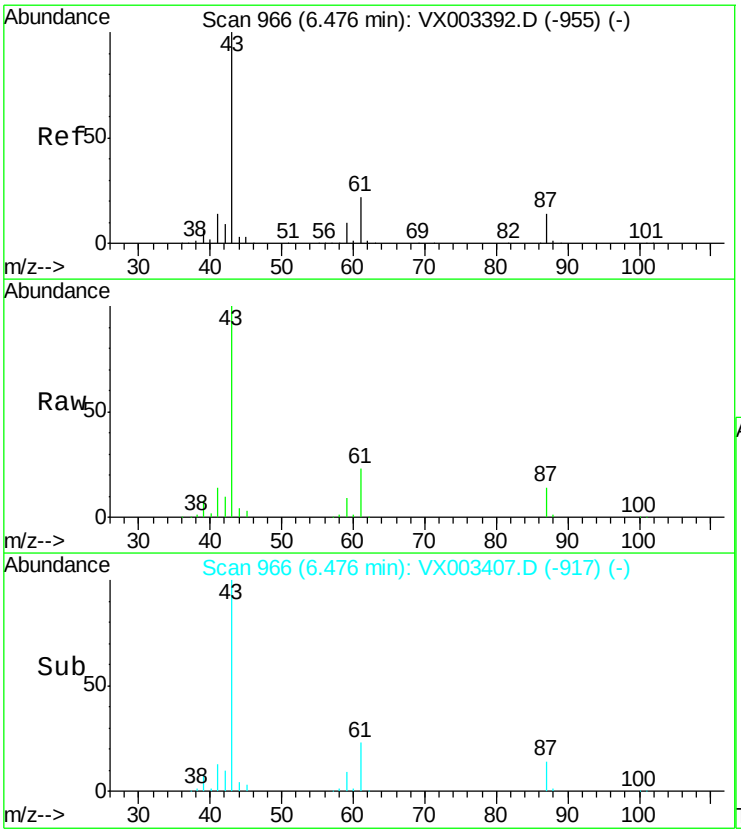
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#15

Tgt Ion:152 Resp: 215401

Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.1	120.2
150	160.1	0.0	347.2

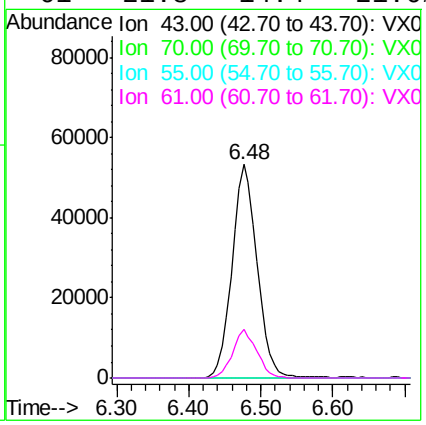


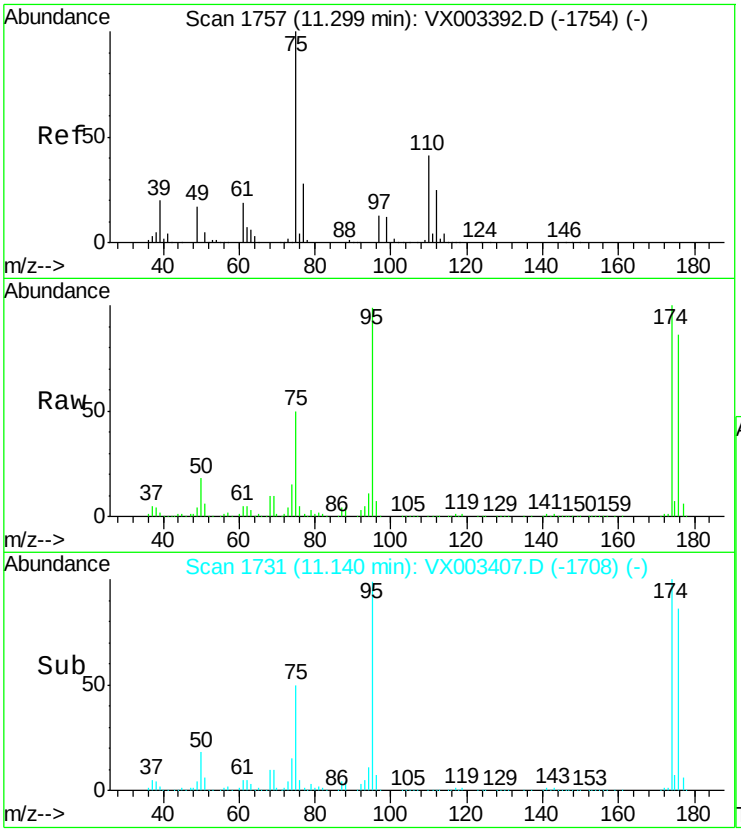


#74
N-amyl acetate
Concen: 19.43 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 43 Resp: 128853

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	21.8	14.4	21.6#



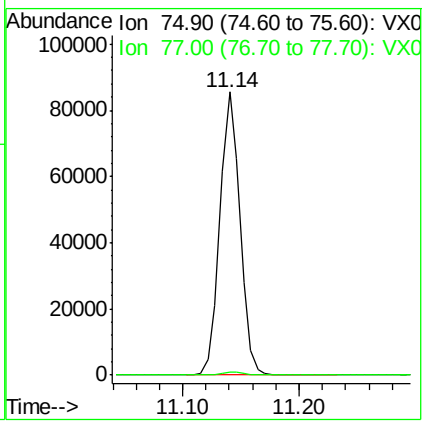


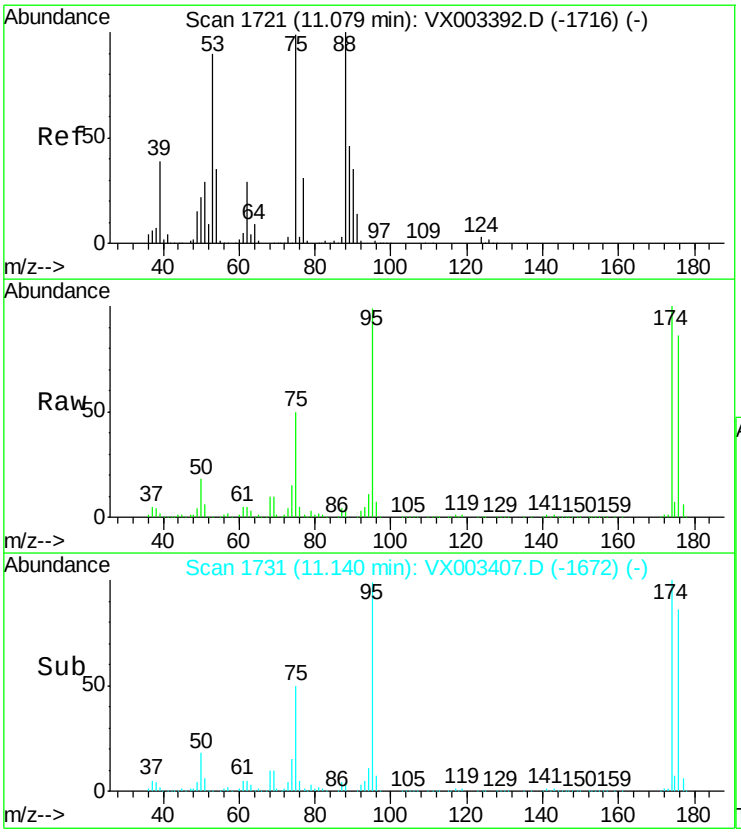
#76
1,2,3-Trichloropropane
Concen: 26.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion: 75 Resp: 101617

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

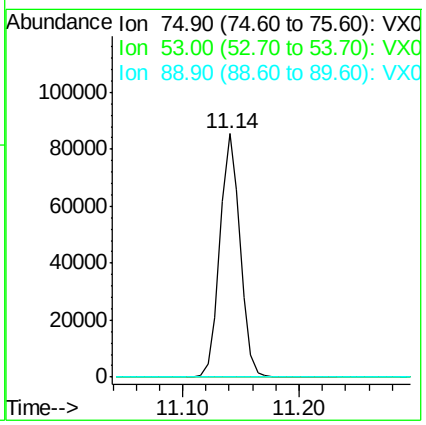


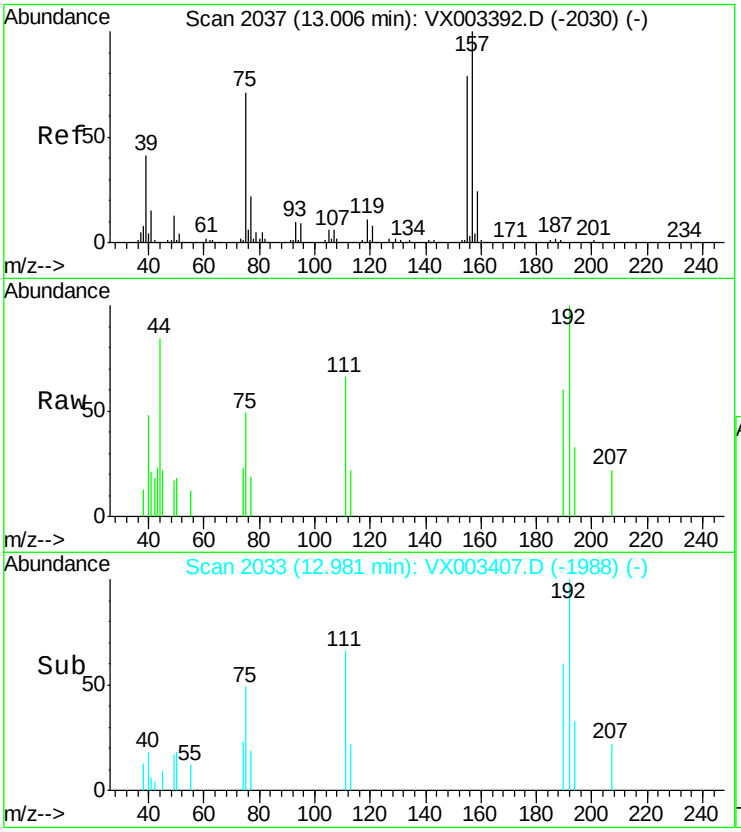


#81
trans-1,4-Dichloro-2-butene
Concen: 84.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Tgt Ion: 75 Resp: 101617

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: 0.29 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX003407.D
Acq: 16 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#15

Tgt Ion: 75 Resp: 270

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