Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Data File : VX003411.D
Acq On : 17 Jul 2018 01:02
Operator : JC/MD
Sample : PB111123ZHE#19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#19

Quant Time: Jul 17 02:01:43 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	272196	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	395192	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	373001	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230911	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	165560	46.45	ug/l		0.00
Spiked Amount 50.000			Recovery =	92.90%			
35) Dibromofluoromethane	5.51	113	154627	48.36	ug/l		0.00
Spiked Amount 50.000			Recovery =	96.72%			
50) Toluene-d8	8.72	98	671988	56.95	ug/l		0.00
Spiked Amount 50.000			Recovery =	113.90%			
62) 4-Bromofluorobenzene	11.14	95	207900	49.35	ug/l		0.00
Spiked Amount 50.000			Recovery =	98.70%			
Target Compounds							Qvalue
3) Chloromethane	1.32	50	802	0.24	ug/l	#	73
5) Bromomethane	1.65	94	2089	Below Cal			94
6) Chloroethane	1.72	64	110	Below Cal		#	43
8) Diethyl Ether	2.19	74	451	0.22	ug/l		92
10) Methyl Iodide	2.52	142	1329	0.41	ug/l		89
11) Tert butyl alcohol	3.07	59	759	0.95	ug/l		98
13) Acrolein	2.29	56	310	0.81	ug/l	#	45
16) Acetone	2.45	43	27598	18.61	ug/l	#	84
18) Methyl Acetate	2.78	43	11544	2.39	ug/l		93
20) Methylene Chloride	2.86	84	28690	7.90	ug/l		89
25) 2-Butanone	4.73	43	4791	2.06	ug/l	#	75
29) Tetrahydrofuran	5.17	42	1311	0.89	ug/l		91
36) 1,1-Dichloropropene	5.67	75	16279	4.07	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	23250	5.71	ug/l	#	17
43) Isopropyl Acetate	6.48	43	133038	19.55	ug/l	#	94
48) Methyl methacrylate	7.76	41	2706	0.78	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.63	43	3616	0.81	ug/l	#	39
53) t-1,3-Dichloropropene	8.63	75	1456	0.32	ug/l	#	56
59) 2-Hexanone	9.55	43	12233	3.55	ug/l	#	64
74) N-amyl acetate	6.48	43	133038	18.71	ug/l	#	94
76) 1,2,3-Trichloropropane	11.14	75	100674	24.08	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	100674	78.24	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	305	0.30	ug/l	#	1

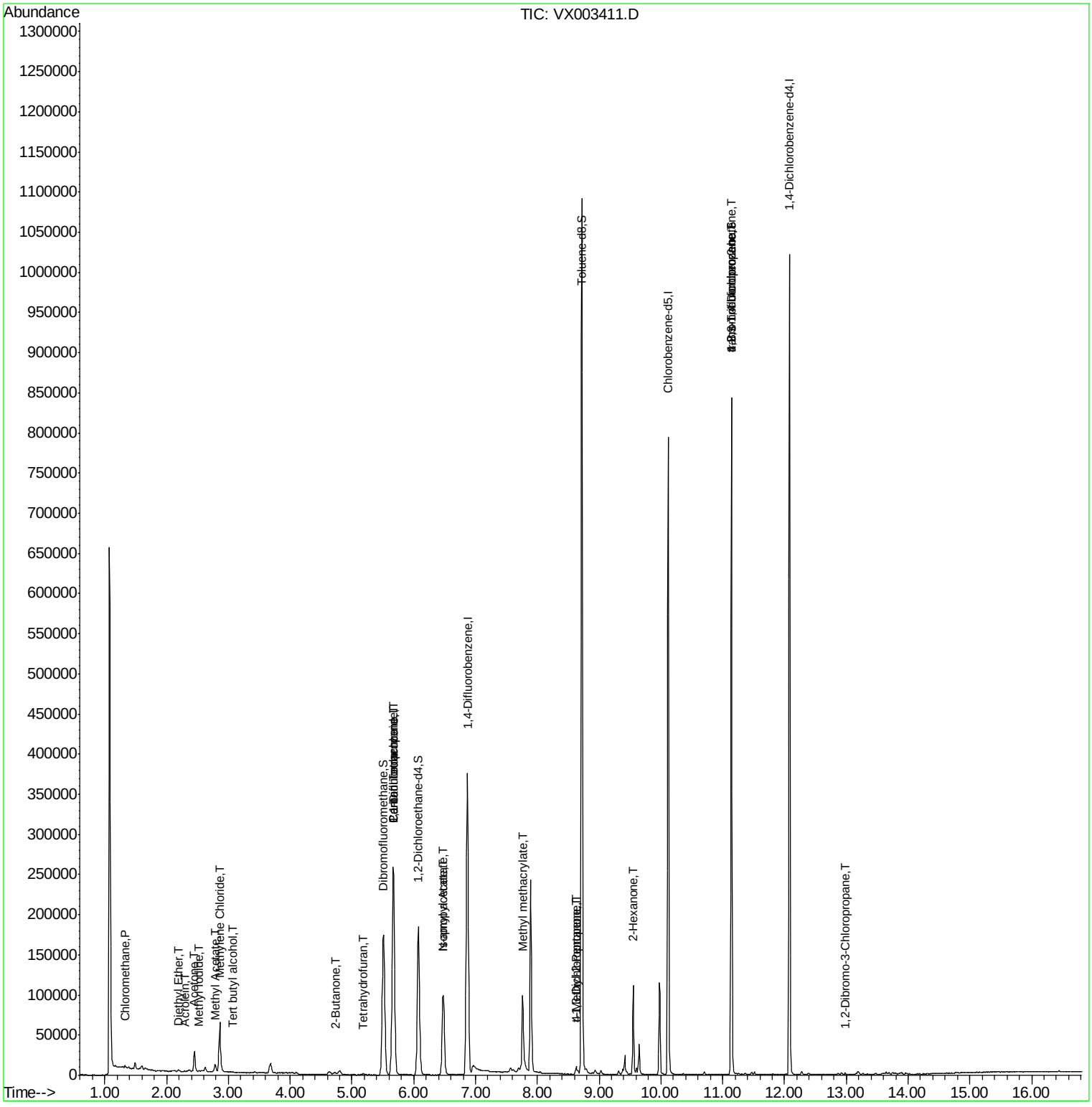
(#) = qualifier out of range (m) = manual integration (+) = signals summed

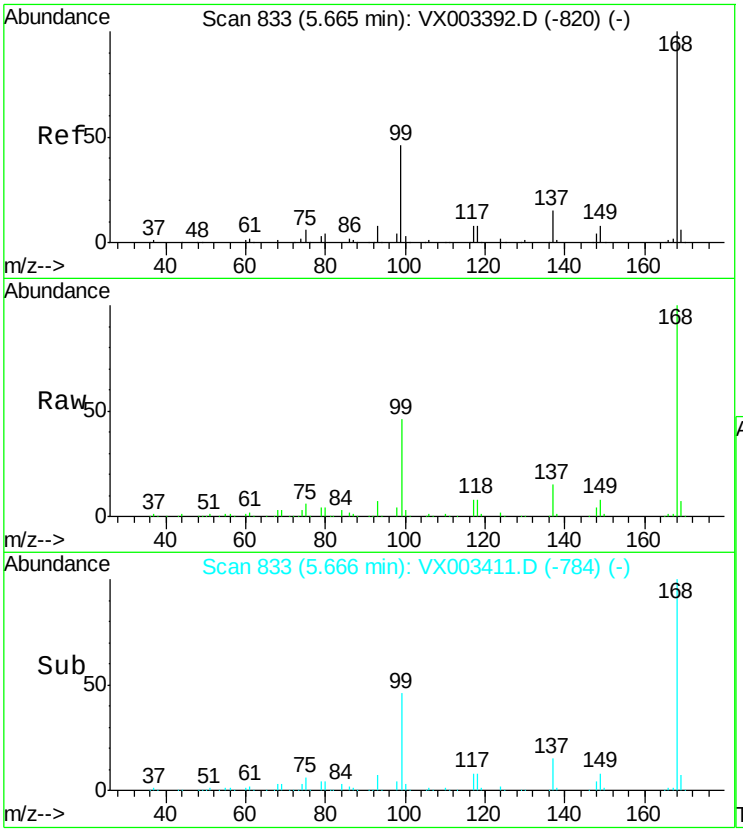
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Data File : VX003411.D
Acq On : 17 Jul 2018 01:02
Operator : JC/MD
Sample : PB111123ZHE#19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Quant Time: Jul 17 02:01:43 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



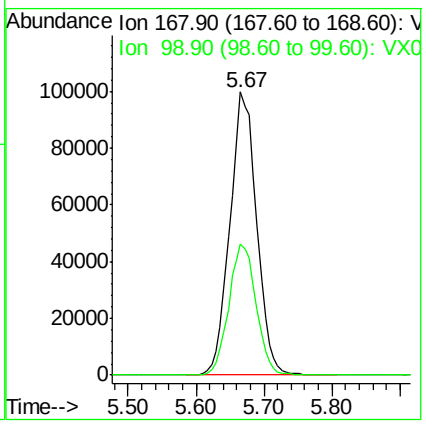


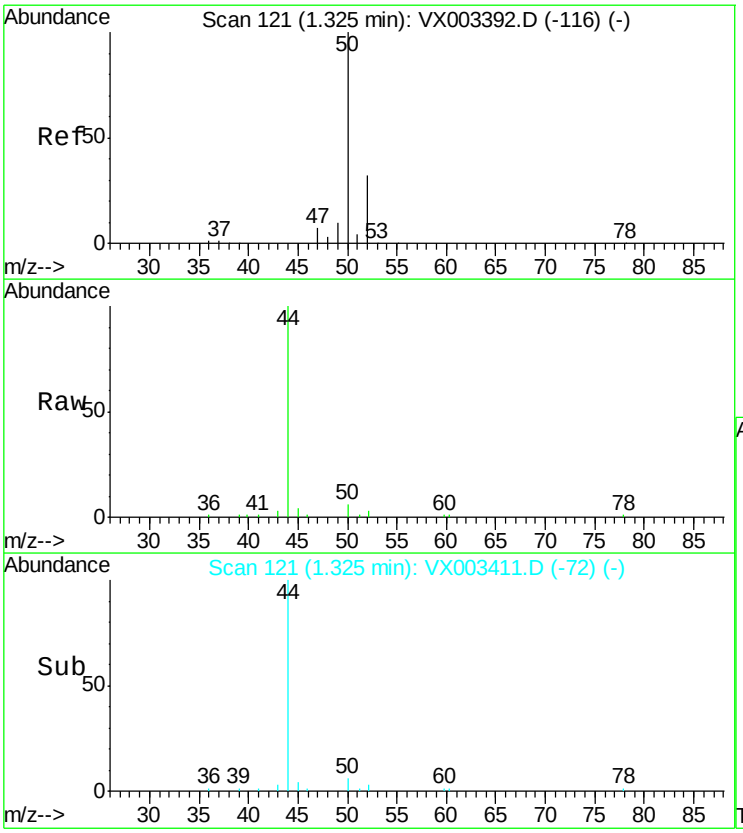
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion:168 Resp: 272196

Ion	Ratio	Lower	Upper
168	100		
99	46.3	39.3	58.9

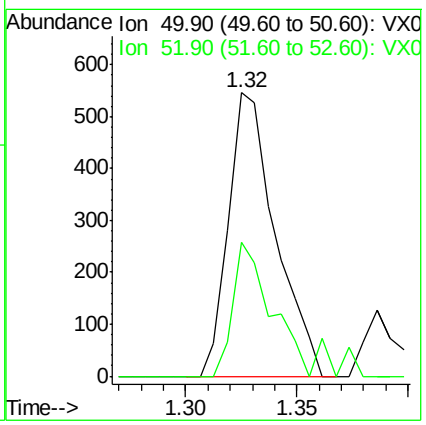


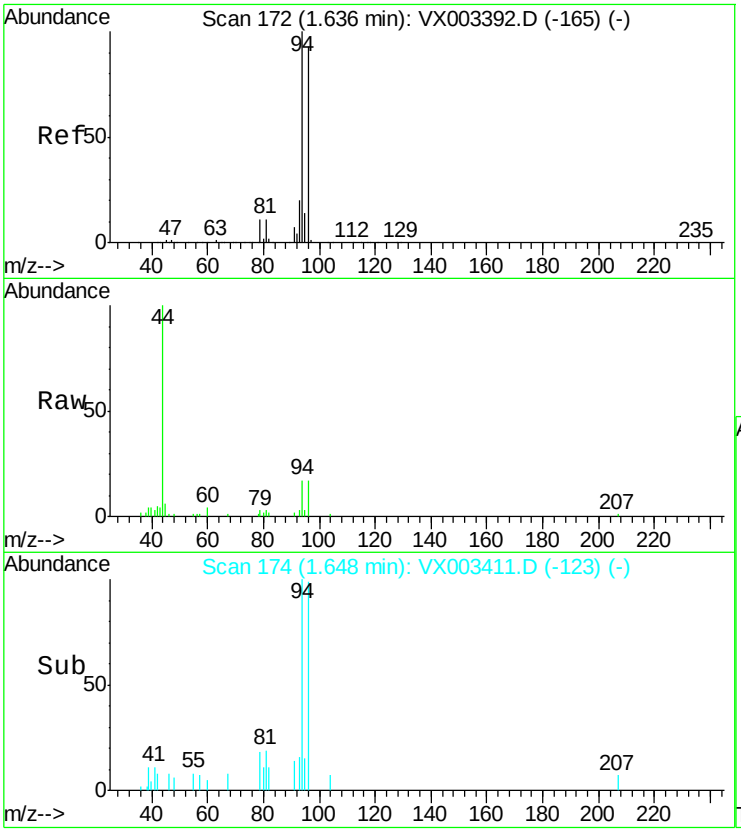


#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 50 Resp: 802

Ion	Ratio	Lower	Upper
50	100		
52	47.1	25.7	38.5#



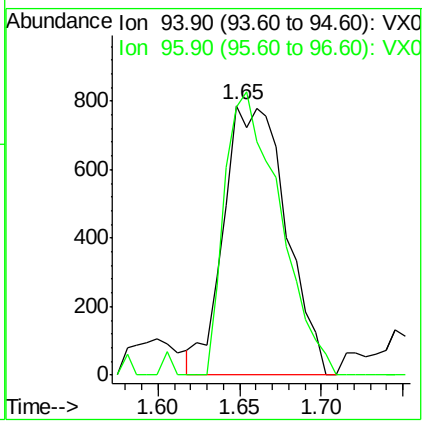


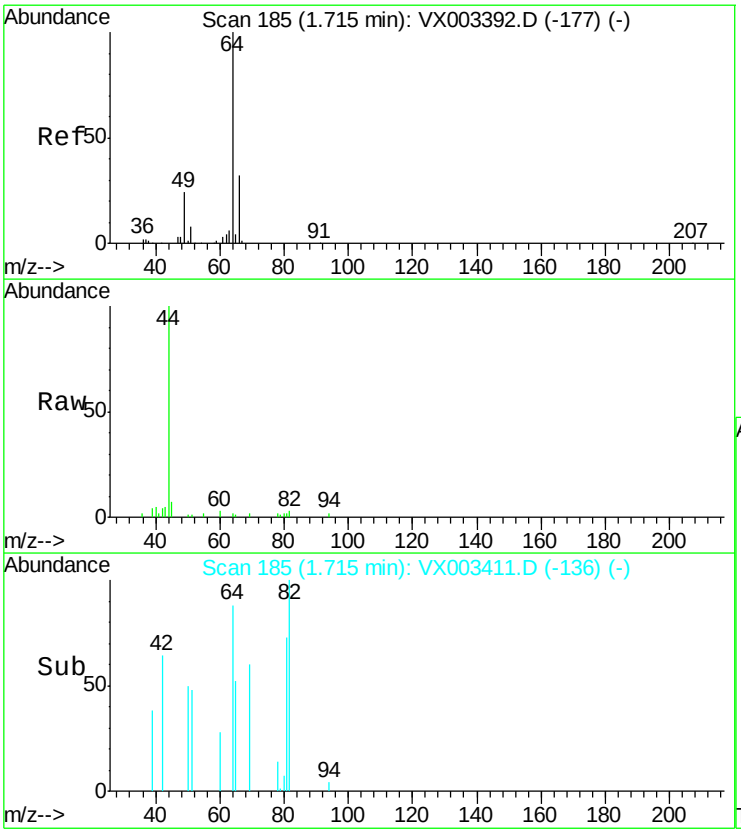
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion: 94 Resp: 2089

Ion	Ratio	Lower	Upper
94	100		
96	99.5	74.9	112.3

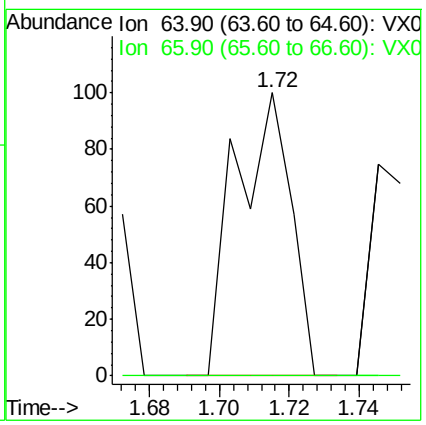


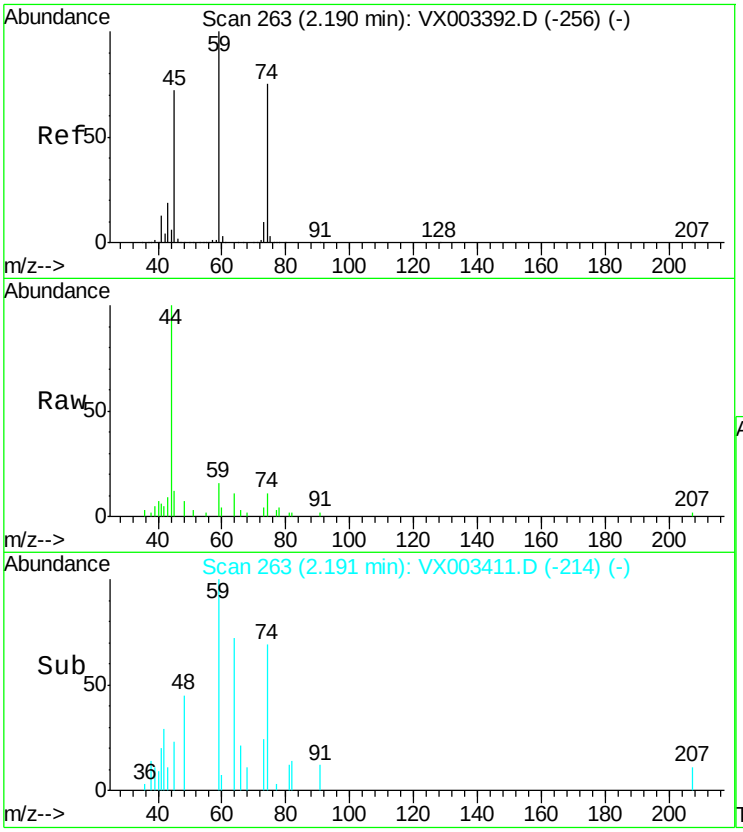


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 185
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 64 Resp: 110

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



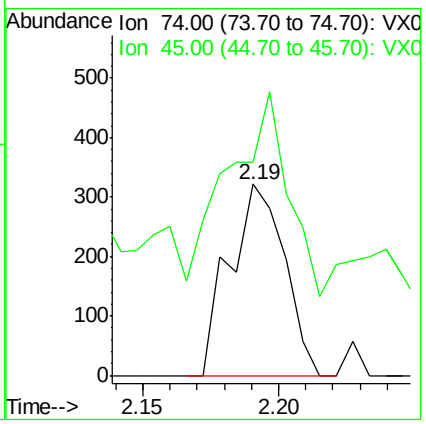


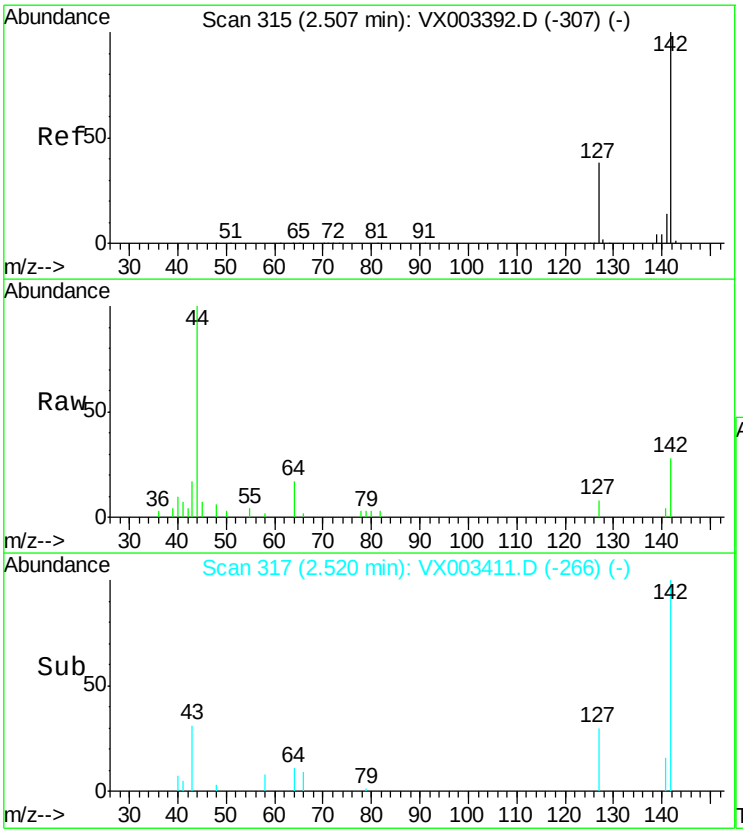
#8
Diethyl Ether
Concen: 0.22 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#19

Tgt Ion: 74 Resp: 451

Ion	Ratio	Lower	Upper
74	100		
45	115.1	53.1	159.4

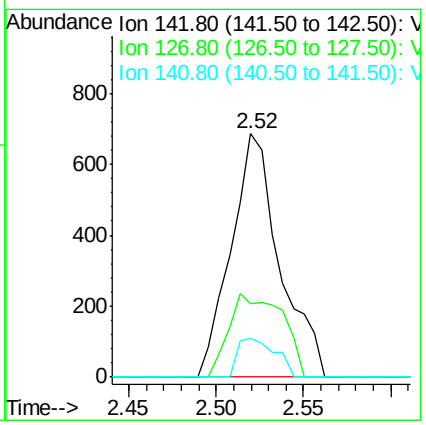


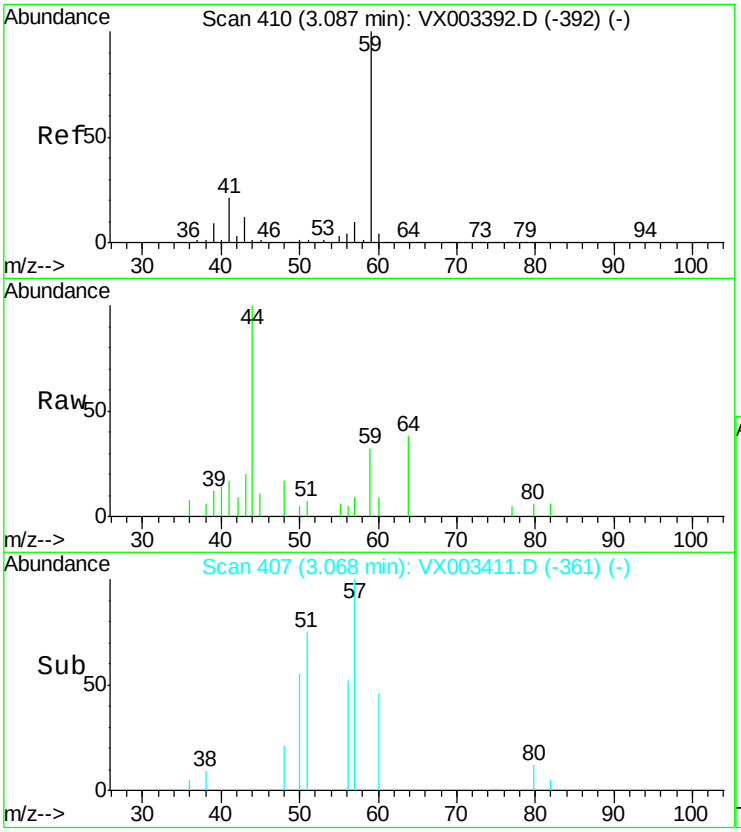


#10
Methyl Iodide
Concen: 0.41 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion:142 Resp: 1329

Ion	Ratio	Lower	Upper
142	100		
127	37.4	36.6	55.0
141	12.3	11.3	16.9



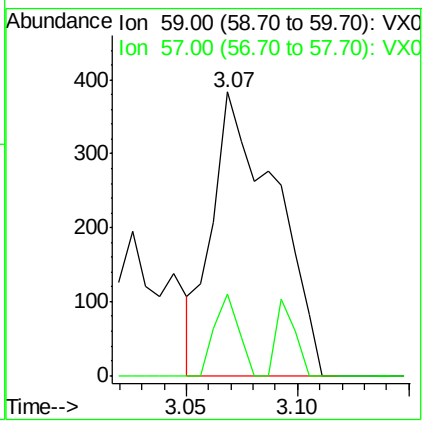


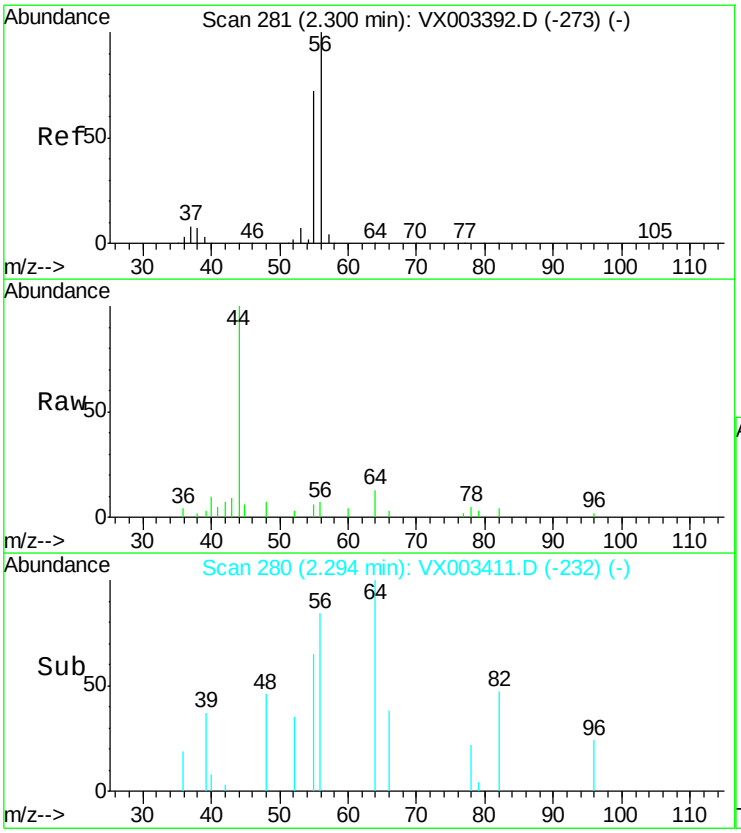
#11
Tert butyl alcohol
Concen: 0.95 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion: 59 Resp: 759

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

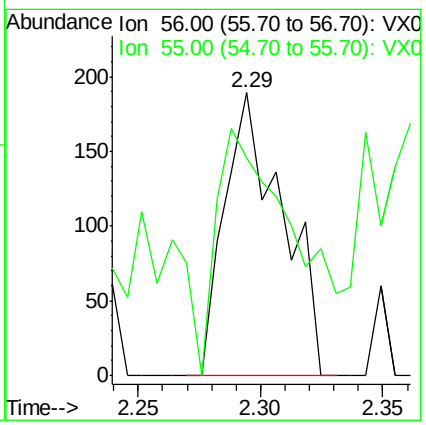


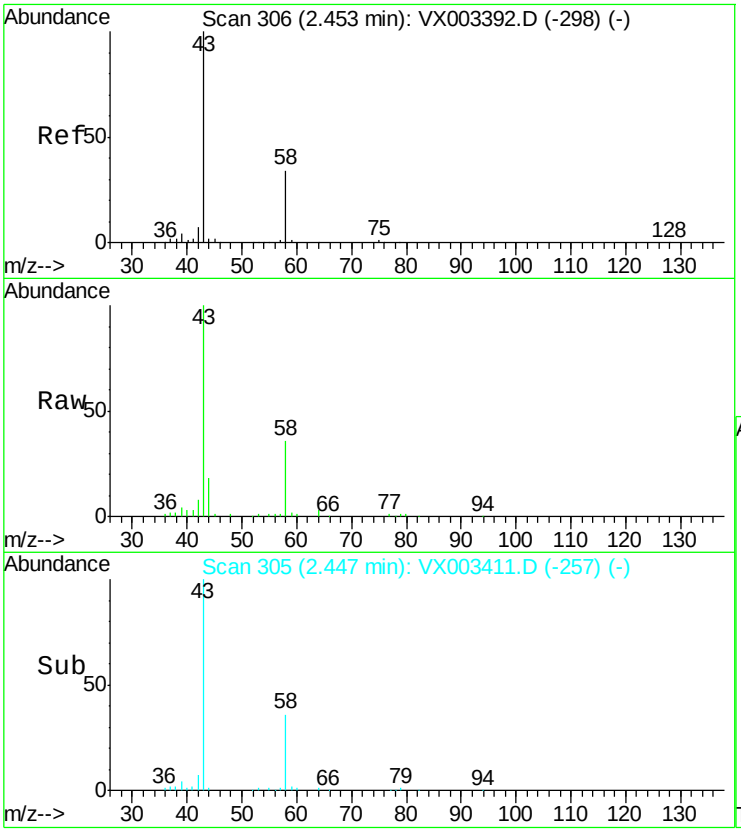


#13
Acrolein
Concen: 0.81 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 56 Resp: 310

Ion	Ratio	Lower	Upper
56	100		
55	116.8	57.0	85.4#



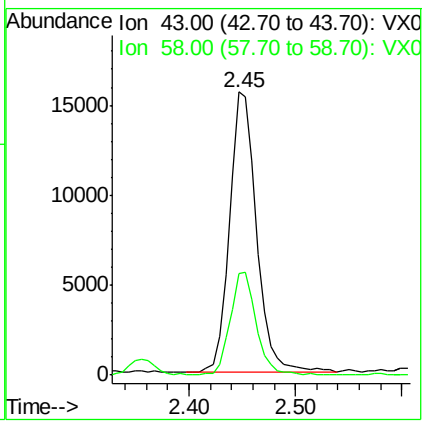


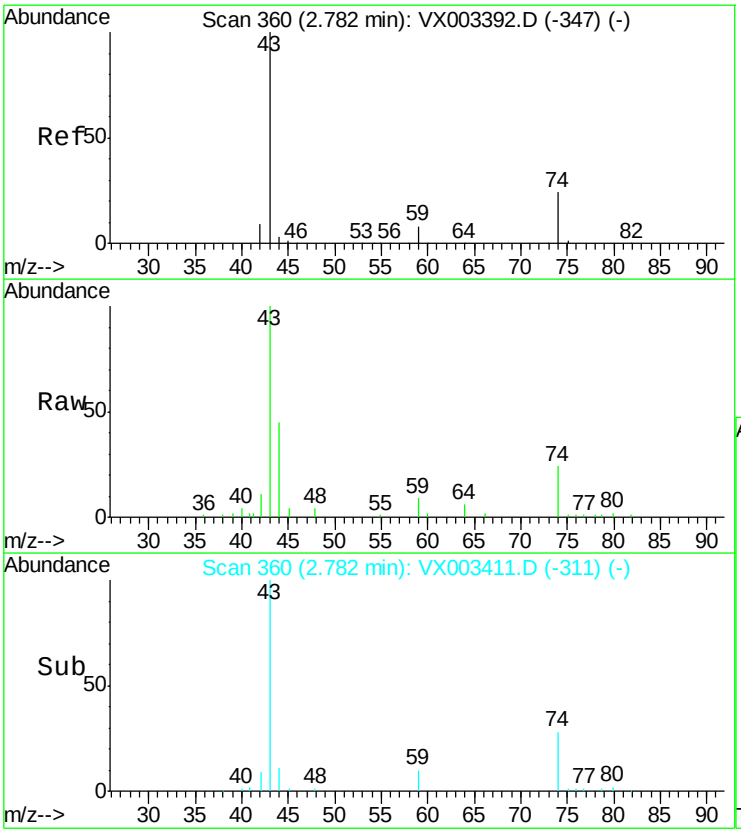
#16
Acetone
Concen: 18.61 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#19

Tgt Ion: 43 Resp: 27598

Ion	Ratio	Lower	Upper
43	100		
58	36.2	22.1	33.1#

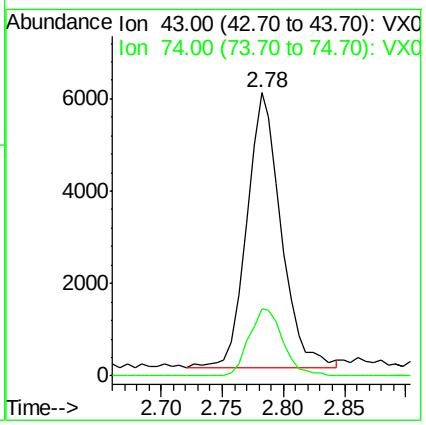


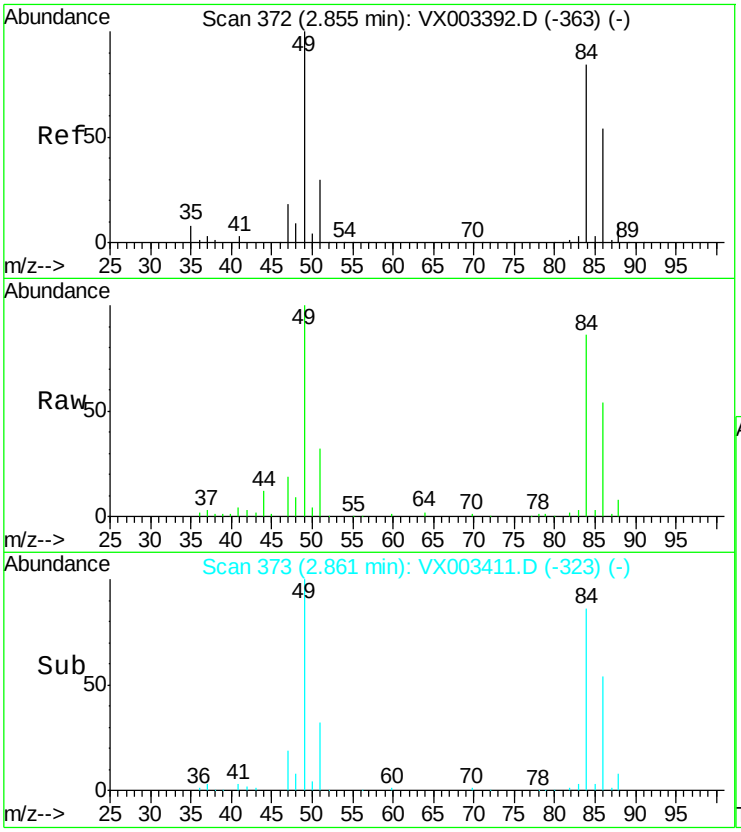


#18
Methyl Acetate
Concen: 2.39 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 43 Resp: 11544

Ion	Ratio	Lower	Upper
43	100		
74	24.3	16.7	25.1



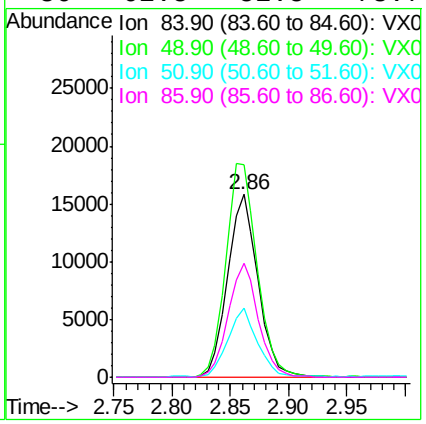


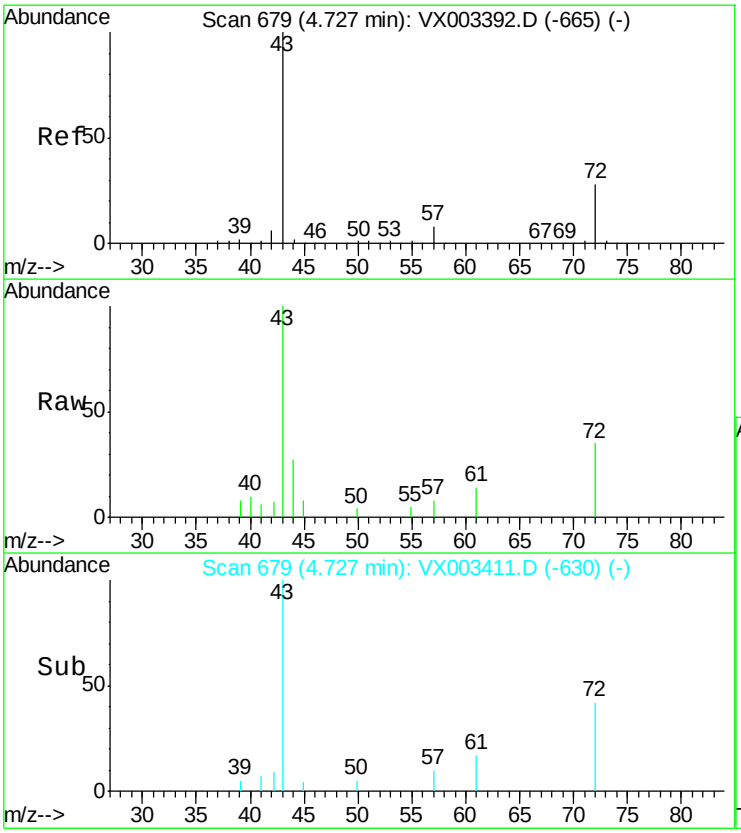
#20
Methylene Chloride
Concen: 7.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion: 84 Resp: 28690

Ion	Ratio	Lower	Upper
84	100		
49	116.4	107.8	161.6
51	37.4	32.8	49.2
86	62.5	52.5	78.7

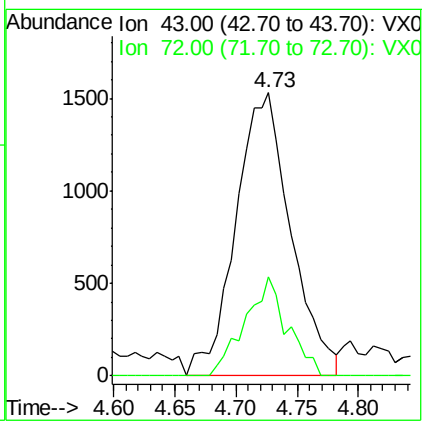


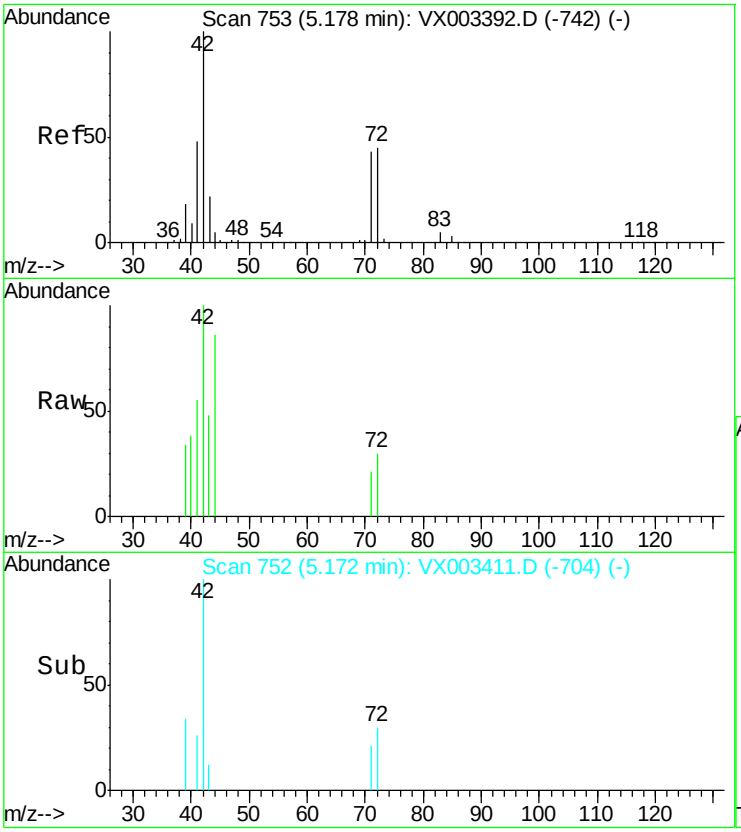


#25
2-Butanone
Concen: 2.06 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 43 Resp: 4791

Ion	Ratio	Lower	Upper
43	100		
72	35.1	18.5	27.7#



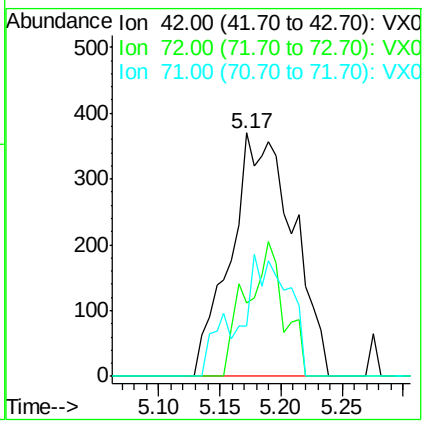


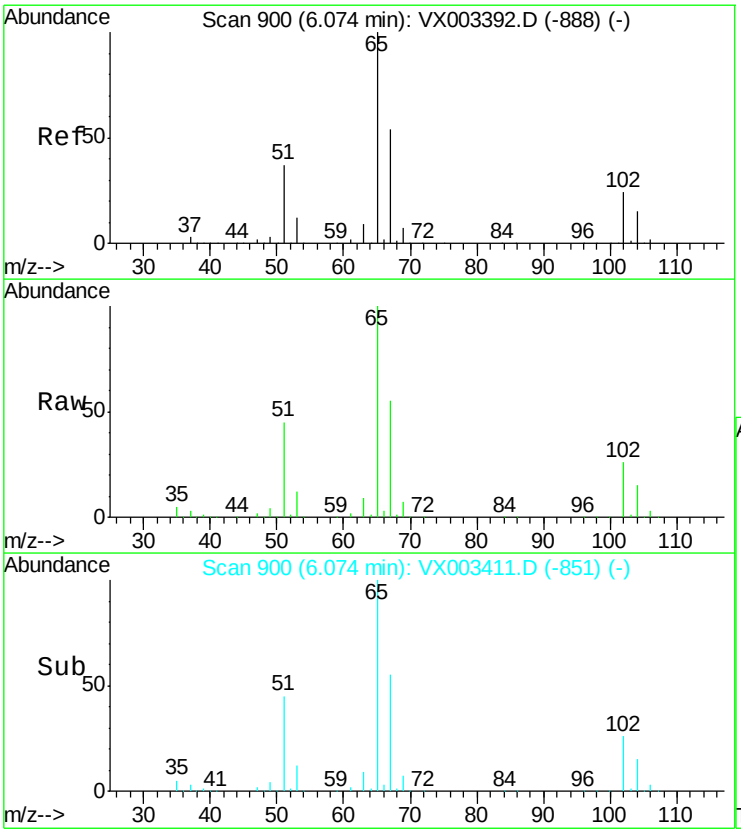
#29
Tetrahydrofuran
Concen: 0.89 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion: 42 Resp: 1311

Ion	Ratio	Lower	Upper
42	100		
72	33.8	32.0	48.0
71	32.9	30.1	45.1

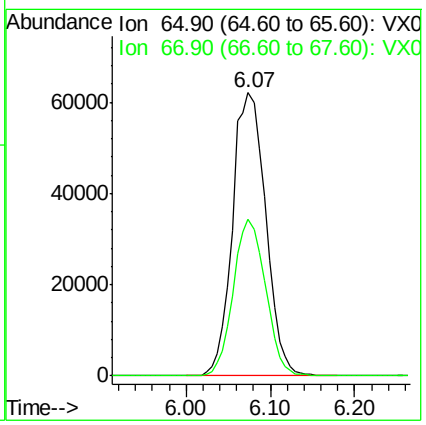


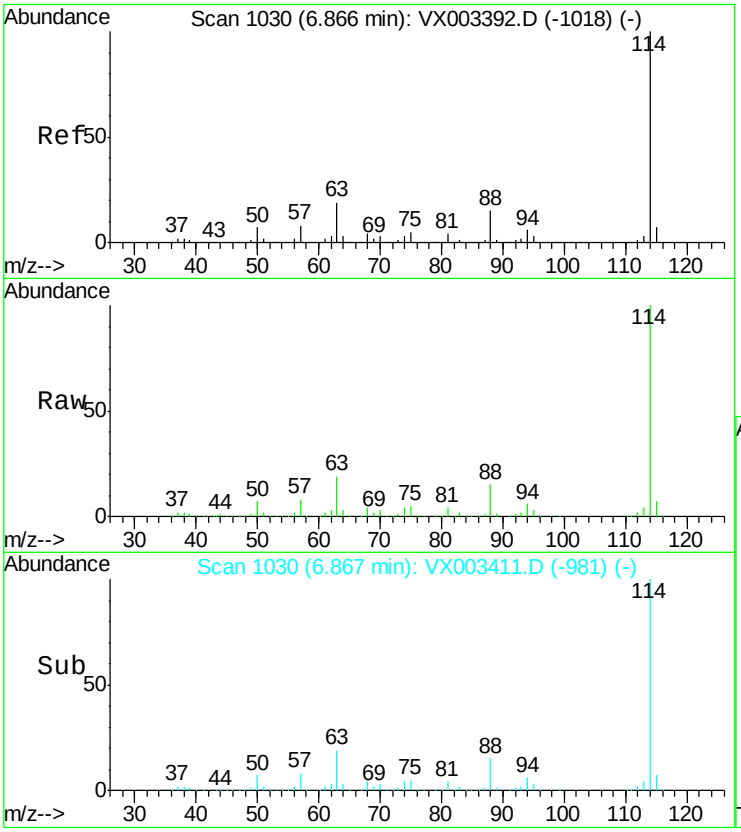


#33
1,2-Dichloroethane-d4
Concen: 46.45 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 65 Resp: 165560

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	102.6



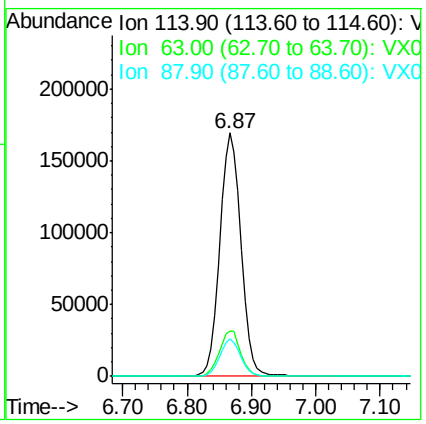


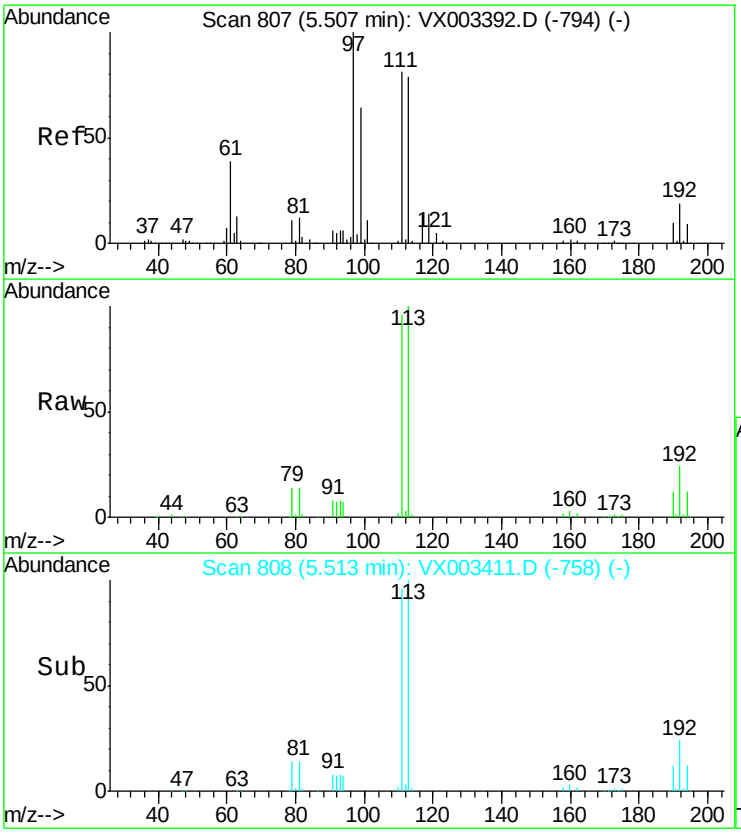
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion:114 Resp: 395192

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	41.4
88	15.2	0.0	30.0

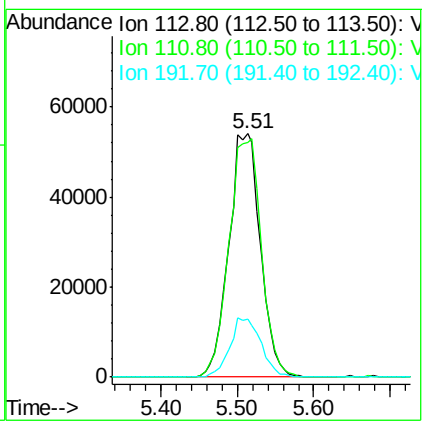


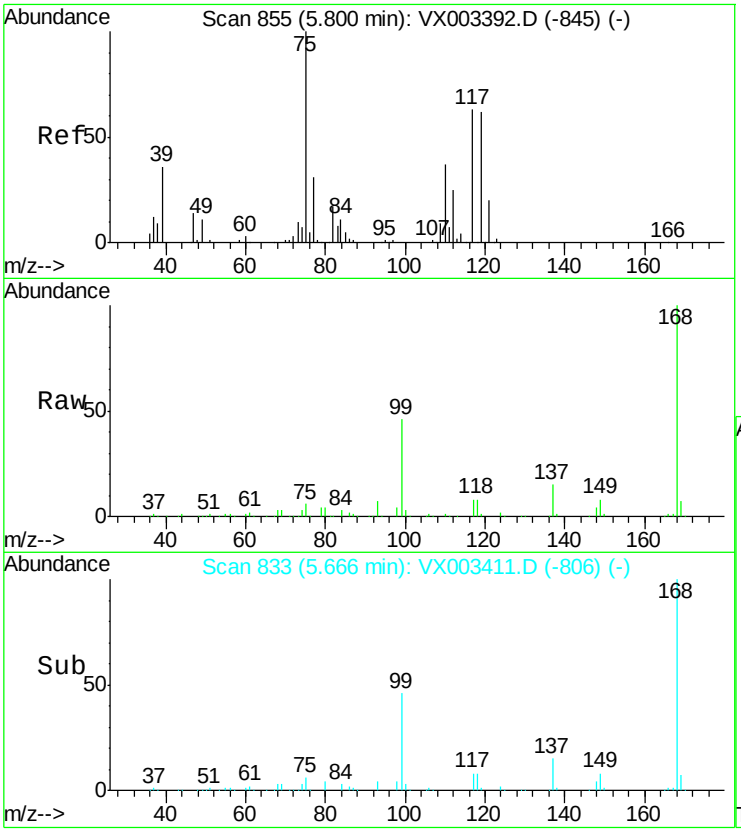


#35
Dibromofluoromethane
Concen: 48.36 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion:113 Resp: 154627

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.4	122.0
192	23.8	19.1	28.7



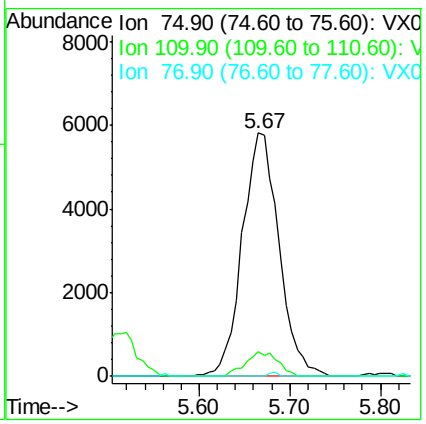


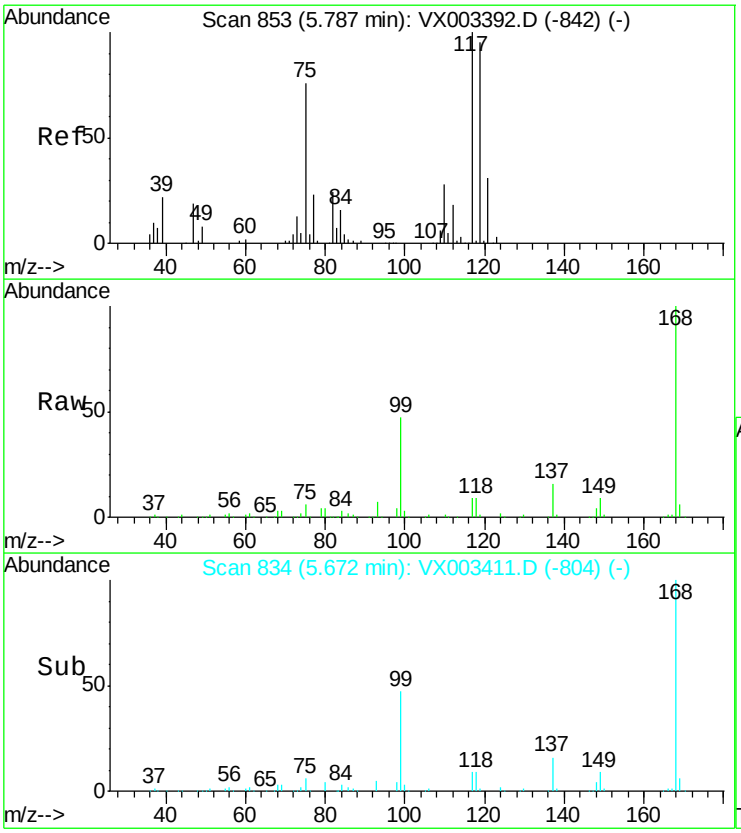
#36
1,1-Dichloropropene
Concen: 4.07 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion: 75 Resp: 16279

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.4	24.3	36.5#

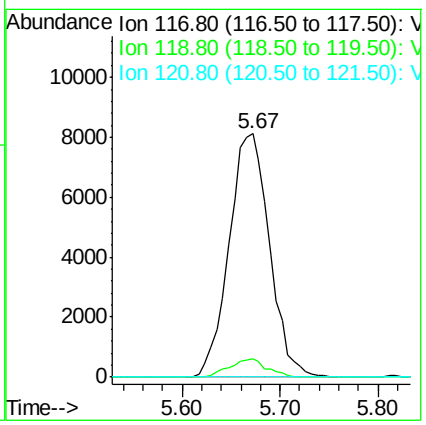


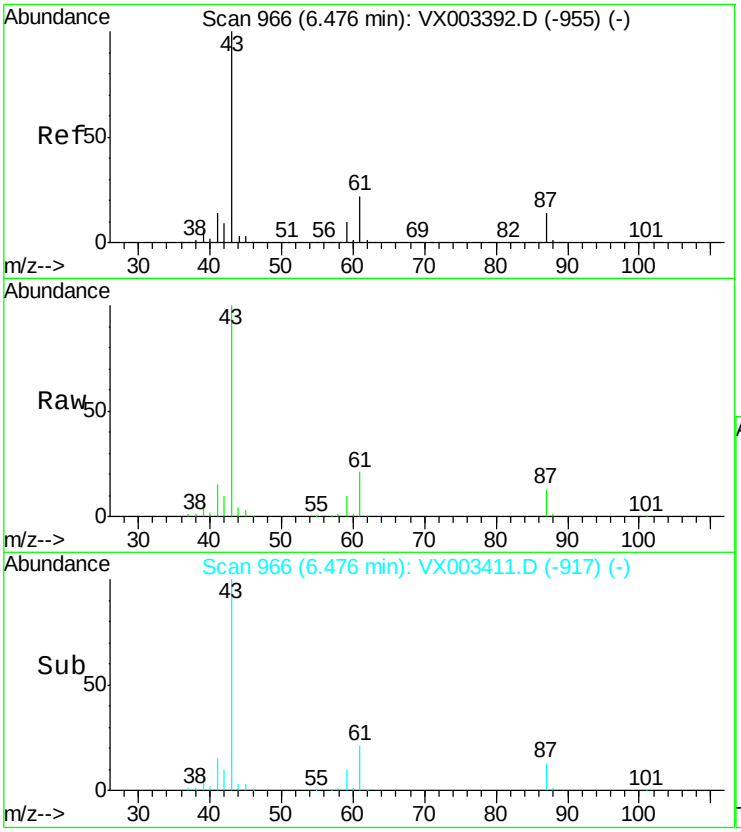


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion:117 Resp: 23250

Ion	Ratio	Lower	Upper
117	100		
119	7.4	77.4	116.0#
121	0.0	24.4	36.6#



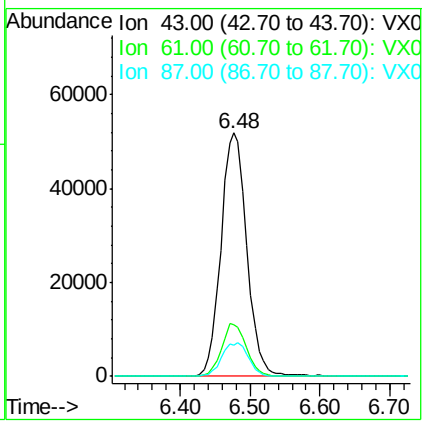


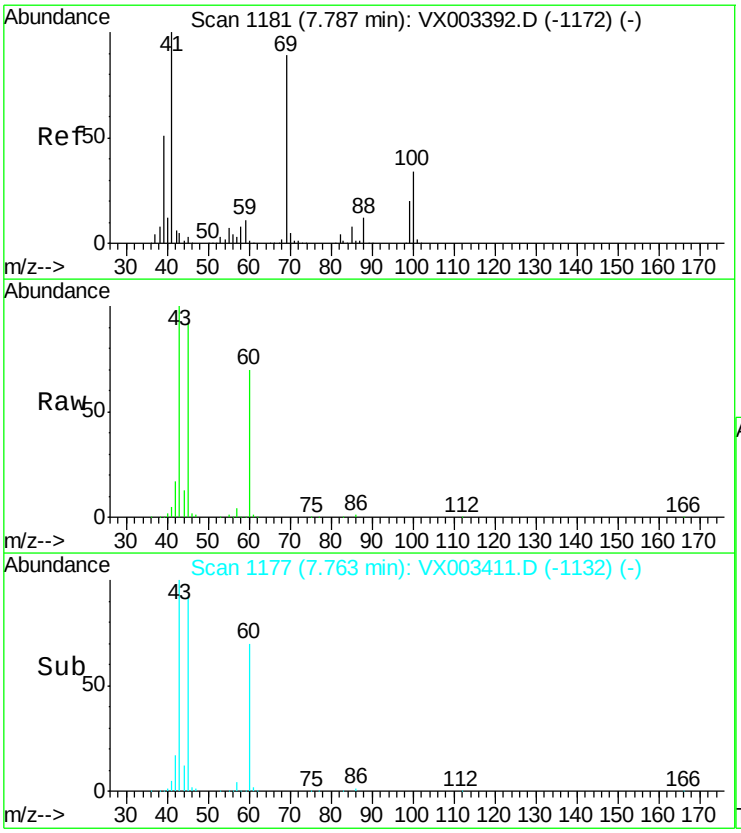
#43
Isopropyl Acetate
Concen: 19.55 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#19

Tgt Ion: 43 Resp: 133038

Ion	Ratio	Lower	Upper
43	100		
61	20.8	14.4	21.6
87	14.4	9.5	14.3#

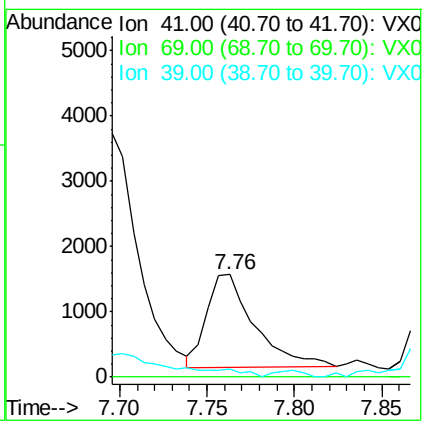


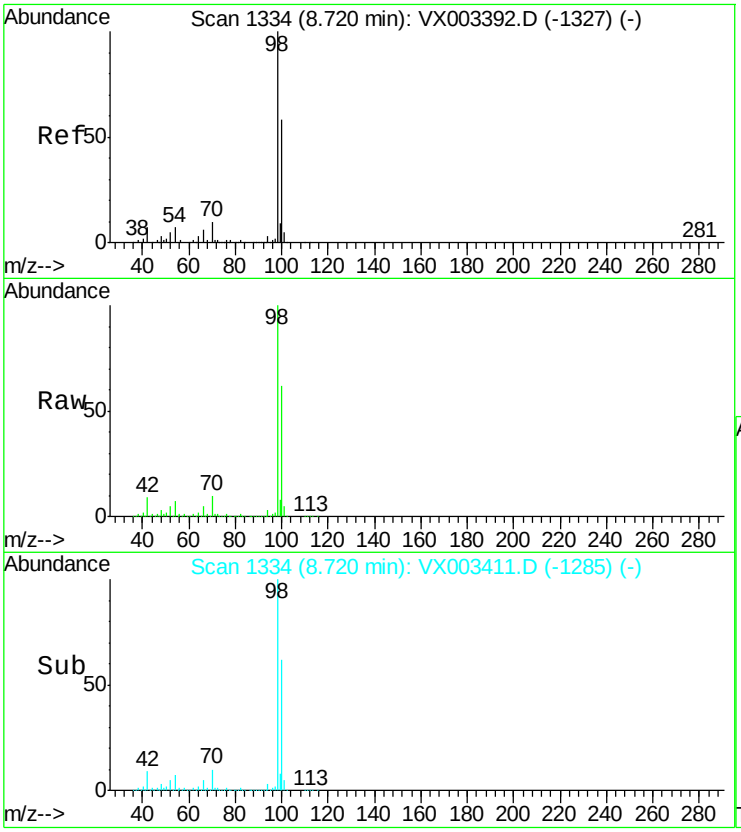


#48
Methyl methacrylate
Concen: 0.78 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.02 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 41 Resp: 2706

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



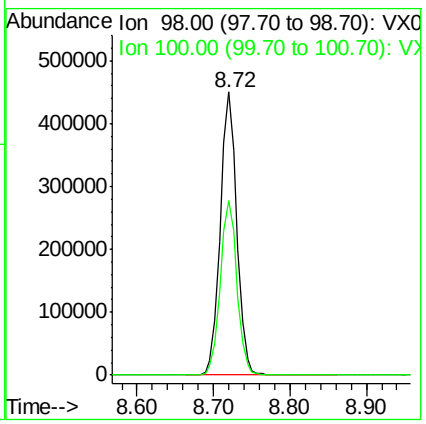


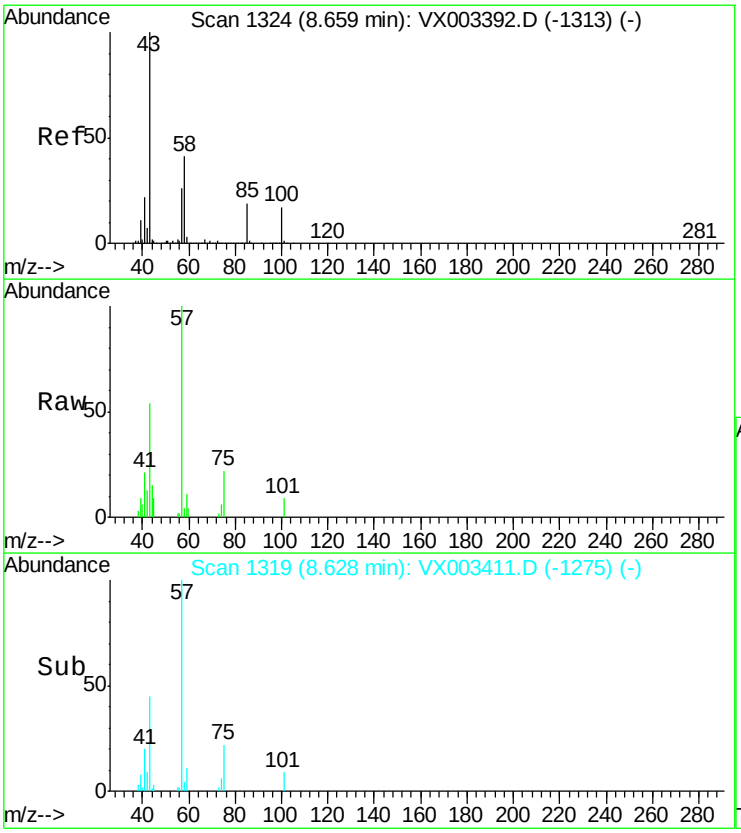
#50
Toluene-d8
Concen: 56.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion: 98 Resp: 671988

Ion	Ratio	Lower	Upper
98	100		
100	62.0	50.9	76.3

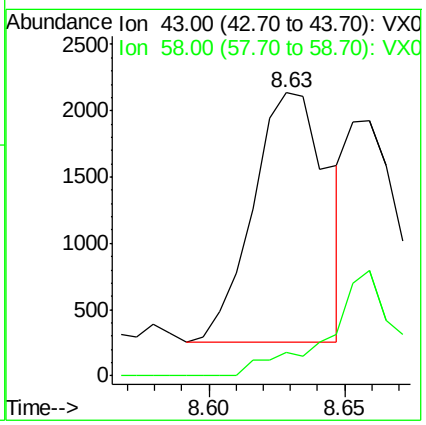


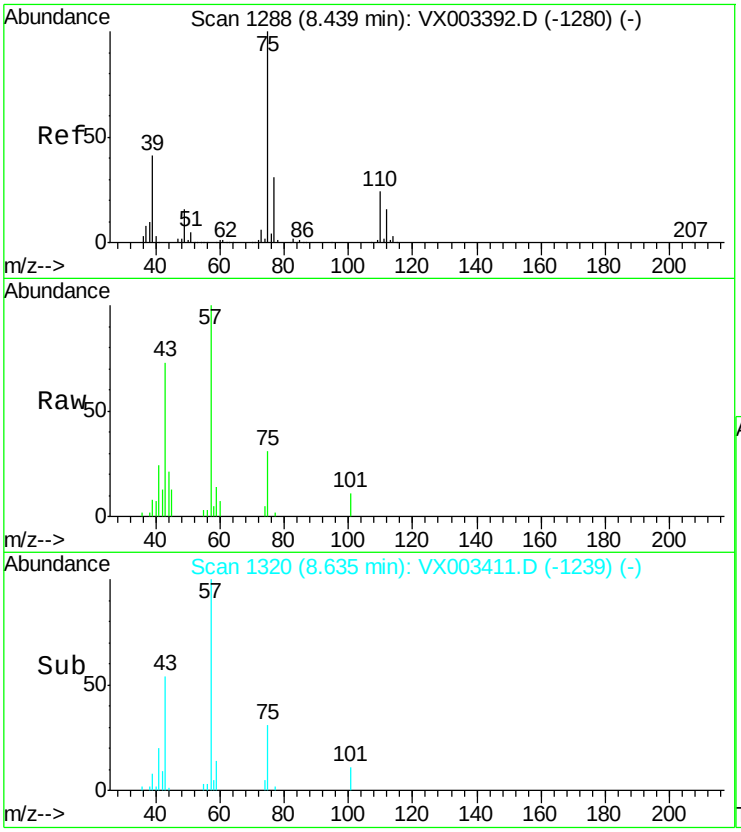


#51
4-Methyl-2-Pentanone
Concen: 0.81 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. -0.03 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 43 Resp: 3616

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	42.8#



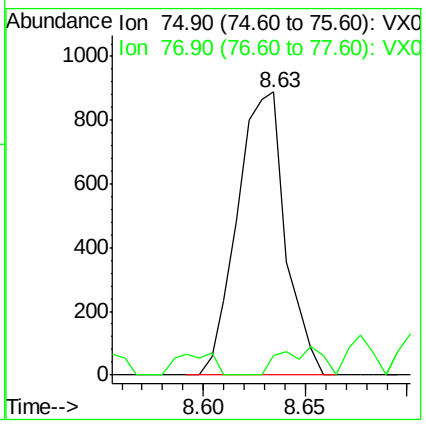


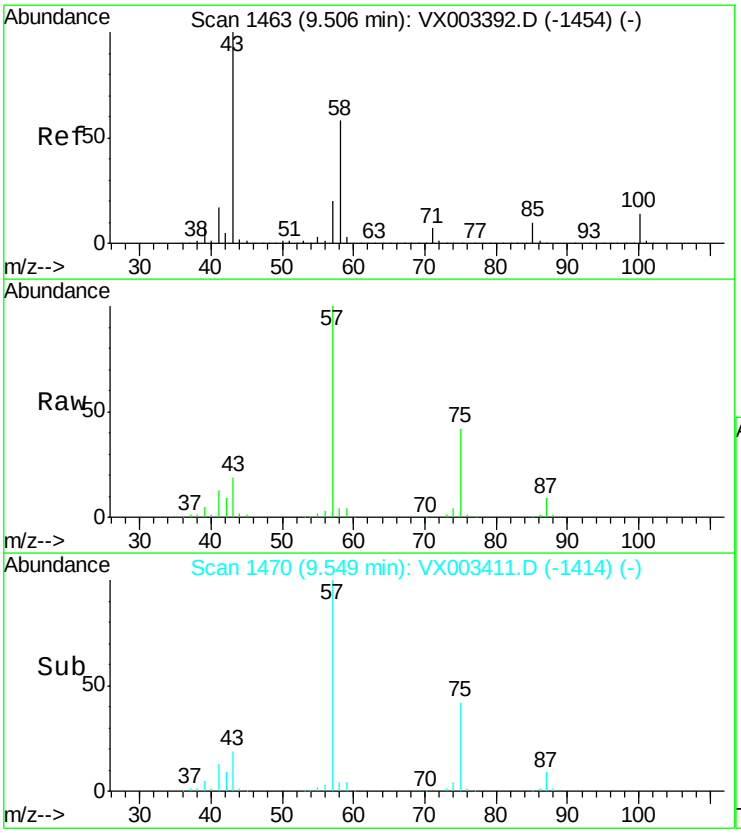
#53
t-1,3-Dichloropropene
Concen: 0.32 ug/l
RT: 8.63 min Scan# 1320
Delta R.T. 0.20 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#19

Tgt Ion: 75 Resp: 1456

Ion	Ratio	Lower	Upper
75	100		
77	7.1	25.4	38.2#

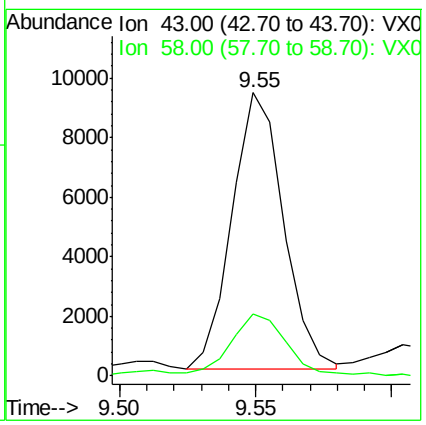


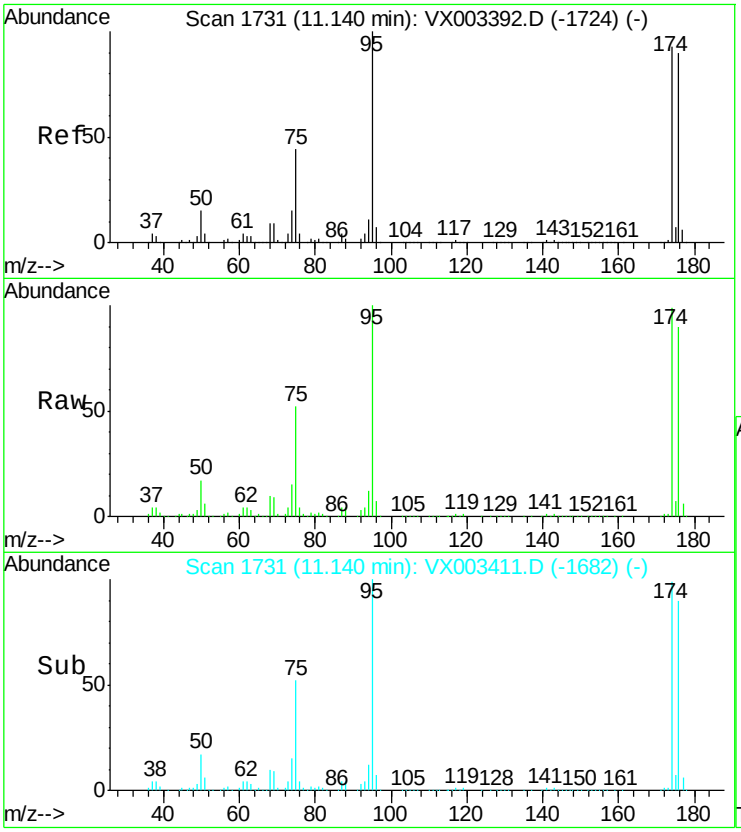


#59
2-Hexanone
Concen: 3.55 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.04 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 43 Resp: 12233

Ion	Ratio	Lower	Upper
43	100		
58	24.4	24.6	73.6#



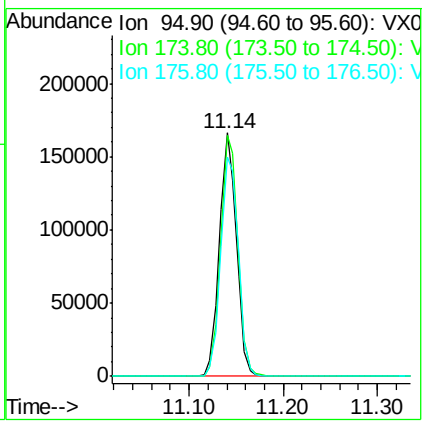


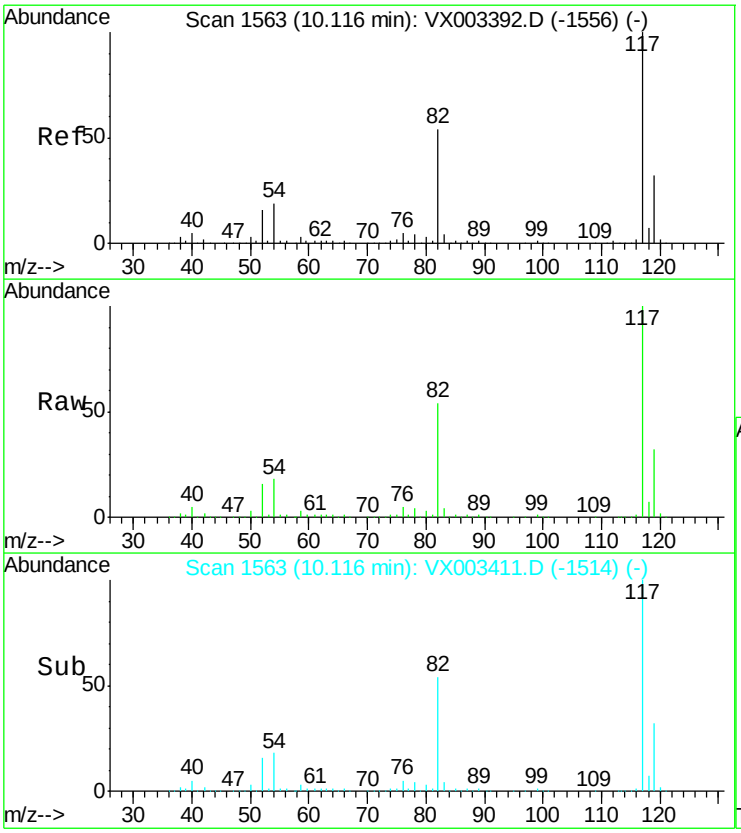
#62
4-Bromofluorobenzene
Concen: 49.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion: 95 Resp: 207900

Ion	Ratio	Lower	Upper
95	100		
174	100.4	0.0	187.4
176	93.5	0.0	181.0

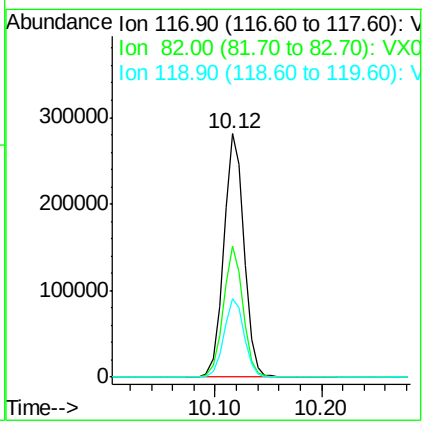


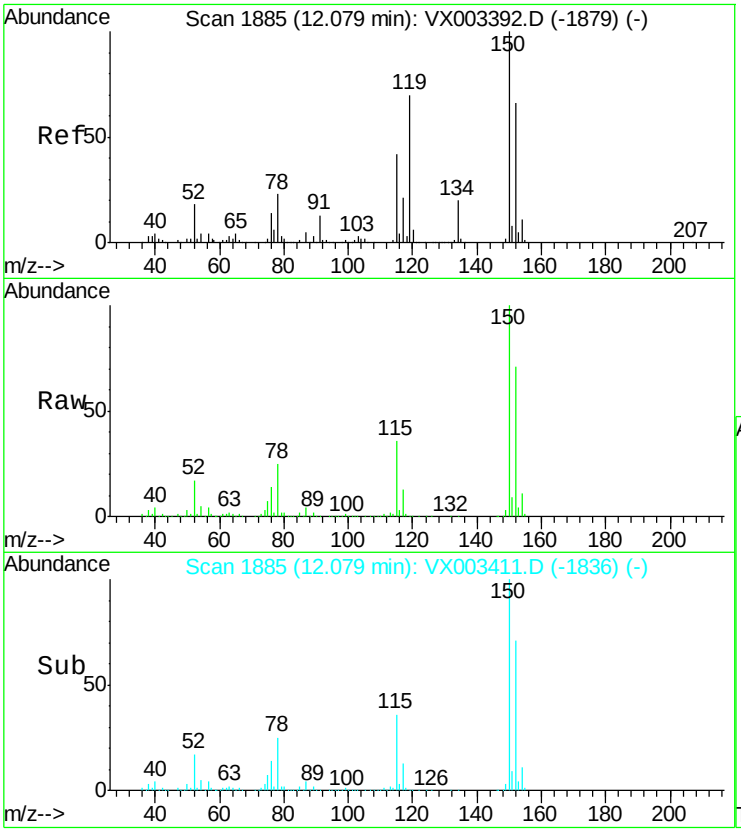


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion:117 Resp: 373001

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.2	25.8	38.6



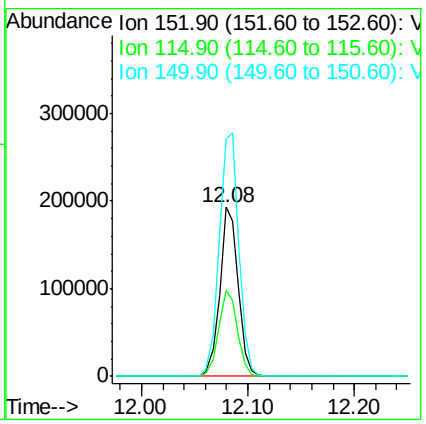


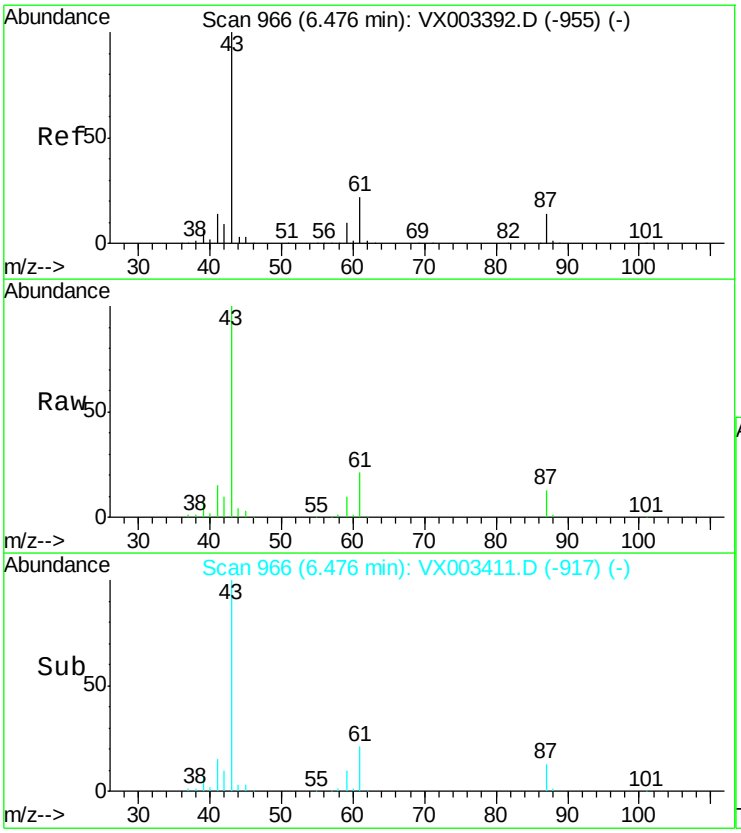
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument : MSVOA_X
ClientSampleId : PB111123ZHE#19

Tgt Ion:152 Resp: 230911

Ion	Ratio	Lower	Upper
152	100		
115	52.4	40.1	120.2
150	154.4	0.0	347.2

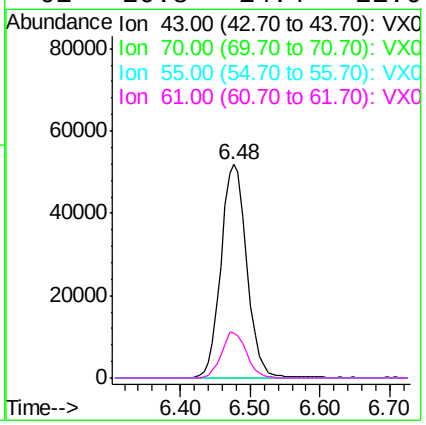


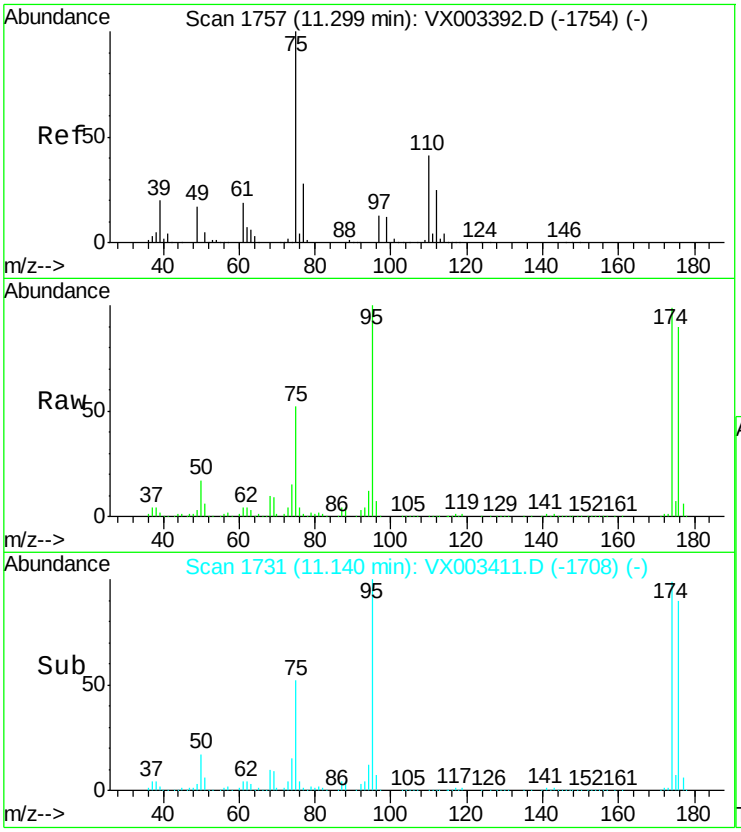


#74
N-amyl acetate
Concen: 18.71 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 43 Resp: 133038

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	20.8	14.4	21.6



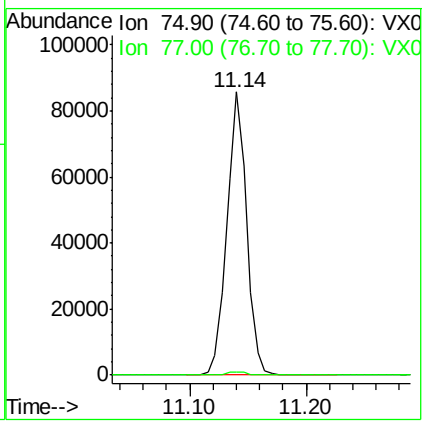


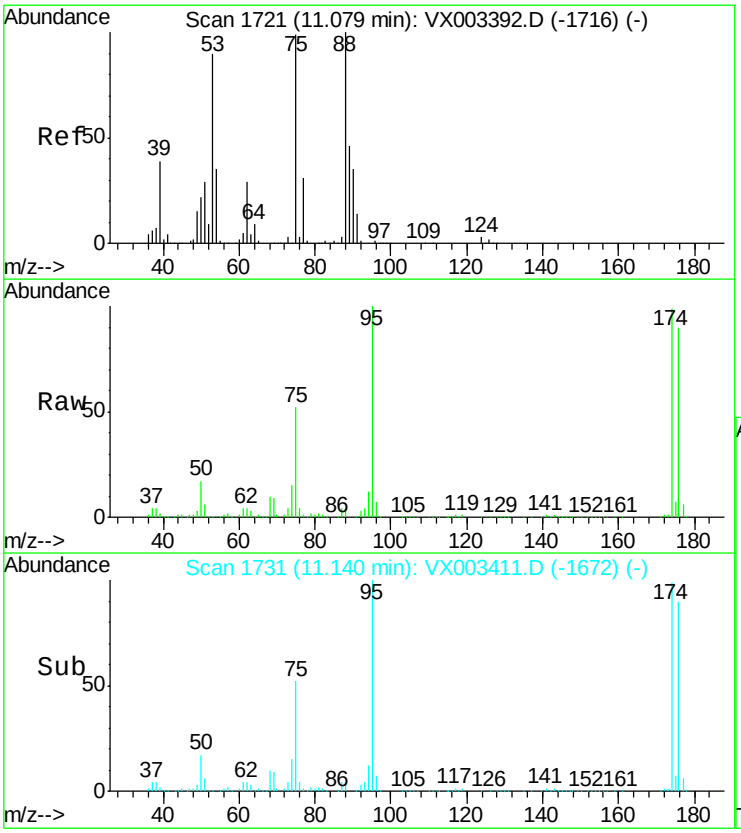
#76
1,2,3-Trichloropropane
Concen: 24.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion: 75 Resp: 100674

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

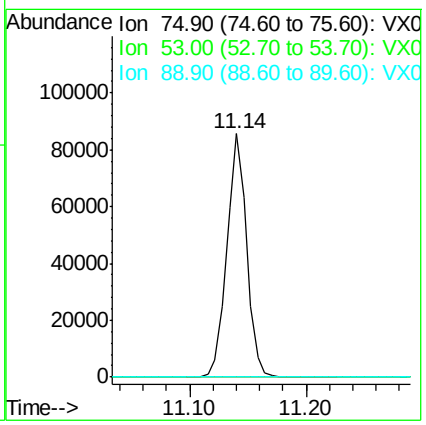


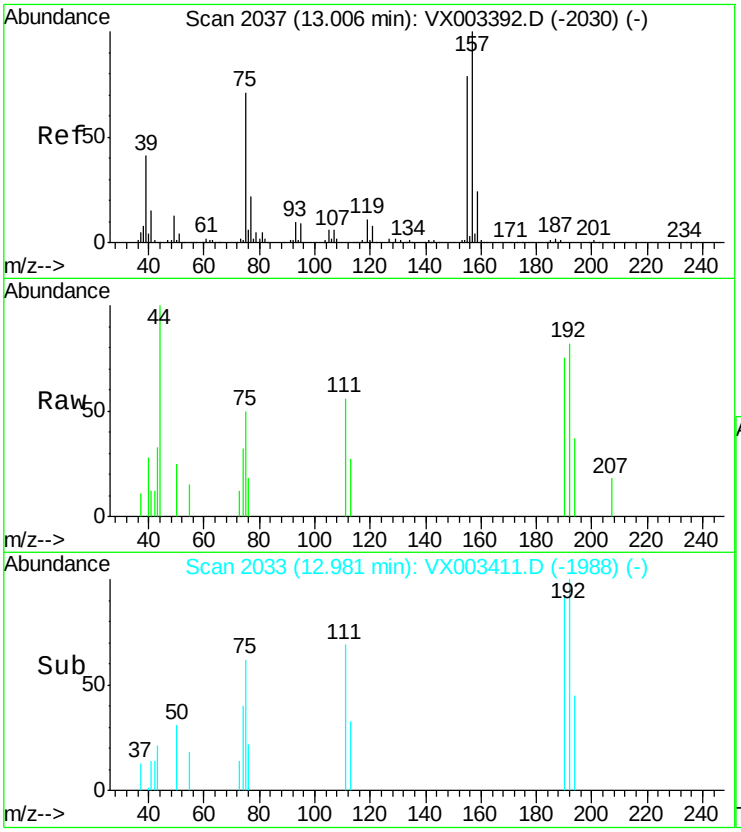


#81
trans-1,4-Dichloro-2-butene
Concen: 78.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Tgt Ion: 75 Resp: 100674

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: 0.30 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX003411.D
Acq: 17 Jul 2018 01:02

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#19

Tgt Ion: 75 Resp: 305

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