Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012819\
Data File : VX007273.D
Acq On : 28 Jan 2019 20:45
Operator : JC/SP
Sample : K1255-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RBR200036

Quant Time: Jan 29 00:21:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	550284	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	843759	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	819190	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386681	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	291336	50.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.32%				
35) Dibromofluoromethane	5.51	113	262251	48.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.06%				
50) Toluene-d8	8.71	98	1037167	52.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.88%				
62) 4-Bromofluorobenzene	11.13	95	361662	52.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.90%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	4207	0.800	ug/l		93
11) Tert butyl alcohol	3.02	59	1514	1.116	ug/l		100
12) 1,1-Dichloroethene	2.38	96	2474	0.489	ug/l	#	73
13) Acrolein	2.32	56	277	3.552	ug/l	#	13
14) Allyl chloride	2.83	41	1487603	171.626	ug/l	#	27
16) Acetone	2.45	43	29335	10.318	ug/l		91
18) Methyl Acetate	2.83	43	138305	16.798	ug/l	#	84
21) trans-1,2-Dichloroethene	3.17	96	4724	0.838	ug/l		84
25) 2-Butanone	4.70	43	8508	2.091	ug/l		96
28) Bromochloromethane	5.03	49	5961	1.493	ug/l		94
29) Tetrahydrofuran	5.16	42	3076	1.164	ug/l	#	65
36) 1,1-Dichloropropene	5.66	75	35490	4.838	ug/l	#	49
37) Ethyl Acetate	4.70	43	8064	1.025	ug/l	#	66
38) Carbon Tetrachloride	5.67	117	49208	6.667	ug/l	#	14
43) Isopropyl Acetate	6.46	43	25049	2.019	ug/l	#	95
48) Methyl methacrylate	7.68	41	12855	2.018	ug/l	#	12
49) 1,4-Dioxane	7.74	88	27	Below Cal		#	27
51) 4-Methyl-2-Pentanone	8.62	43	136006	17.060	ug/l	#	49
54) cis-1,3-Dichloropropene	8.62	75	67997	8.248	ug/l	#	65
57) 1,3-Dichloropropane	9.54	76	15133	1.604	ug/l	#	46
59) 2-Hexanone	9.54	43	196025	32.265	ug/l	#	52
74) N-amyl acetate	10.69	43	18642	1.698	ug/l	#	53
76) 1,2,3-Trichloropropane	11.13	75	174643	22.287	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.13	75	174643	65.955	ug/l	#	10
88) 1,4-Dichlorobenzene	12.02	146	734	0.202	ug/l		89
90) Hexachloroethane	12.58	117	227	2.963	ug/l	#	6
95) Naphthalene	13.83	128	48668	1.747	ug/l		97

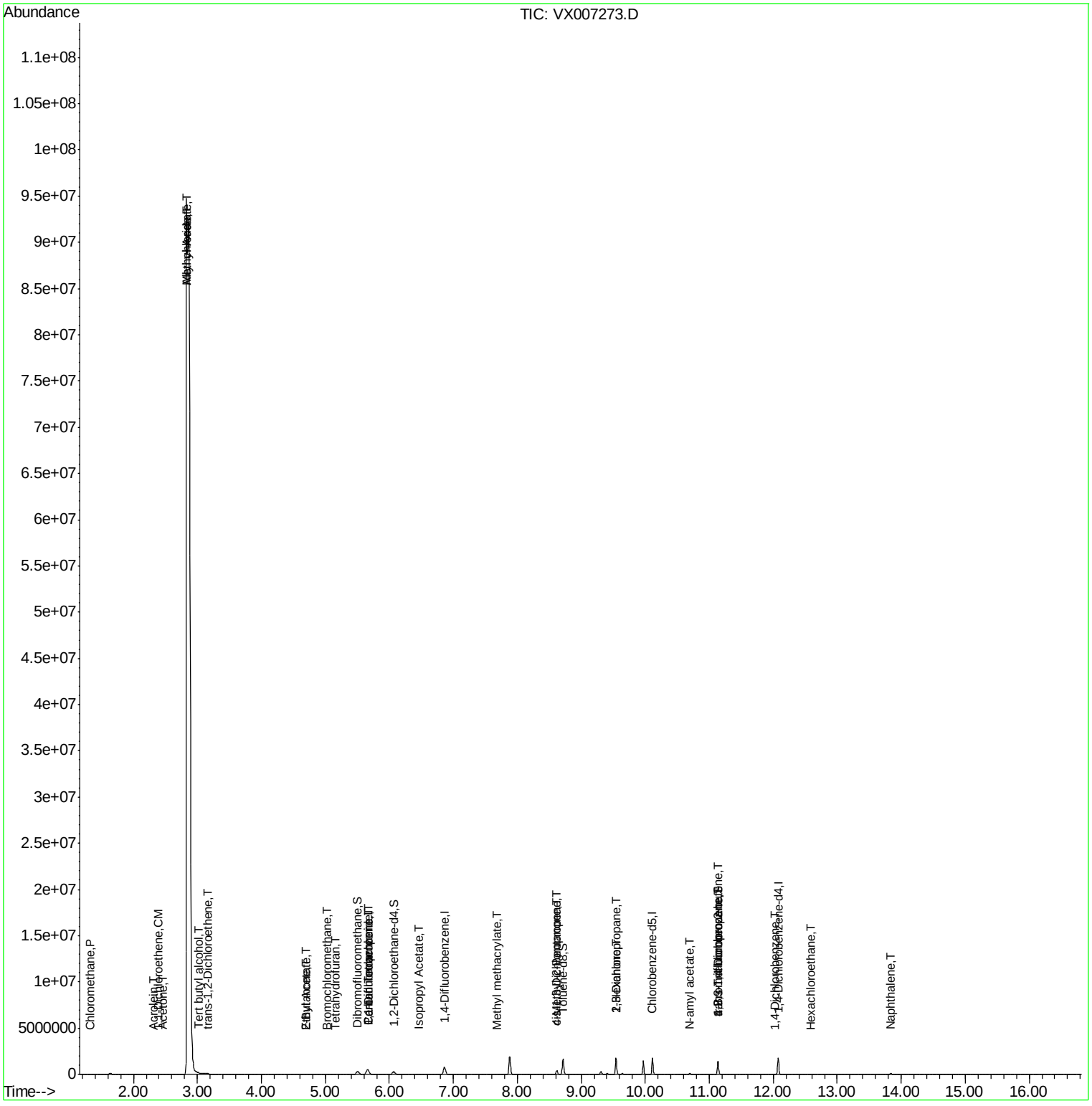
(#) = qualifier out of range (m) = manual integration (+) = signals summed

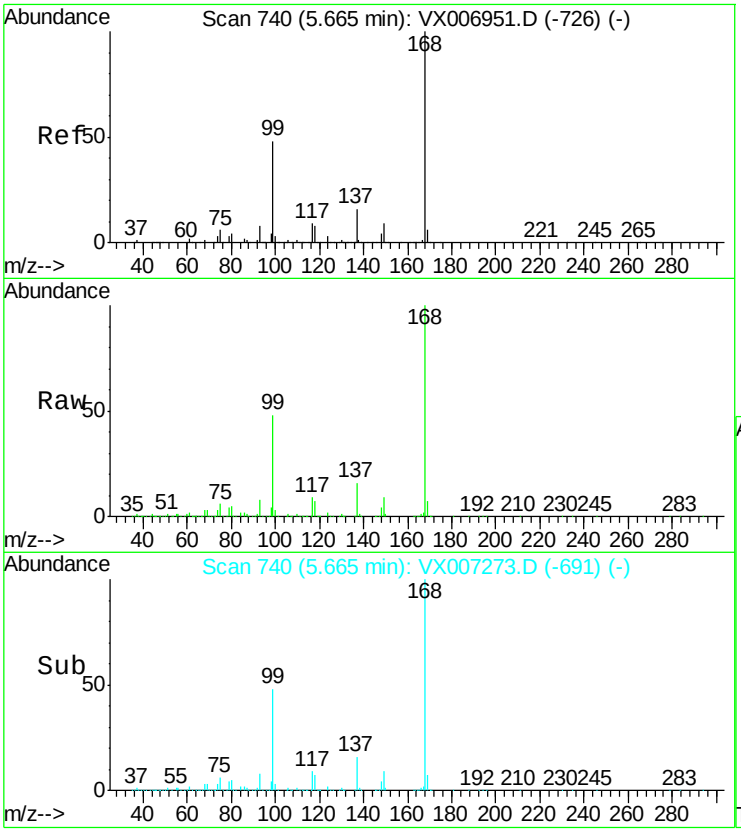
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012819\
Data File : VX007273.D
Acq On : 28 Jan 2019 20:45
Operator : JC/SP
Sample : K1255-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RBR200036

Quant Time: Jan 29 00:21:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration



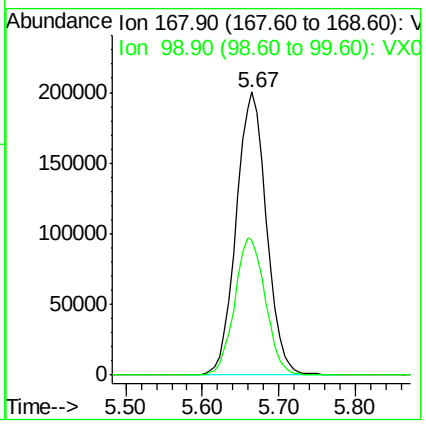


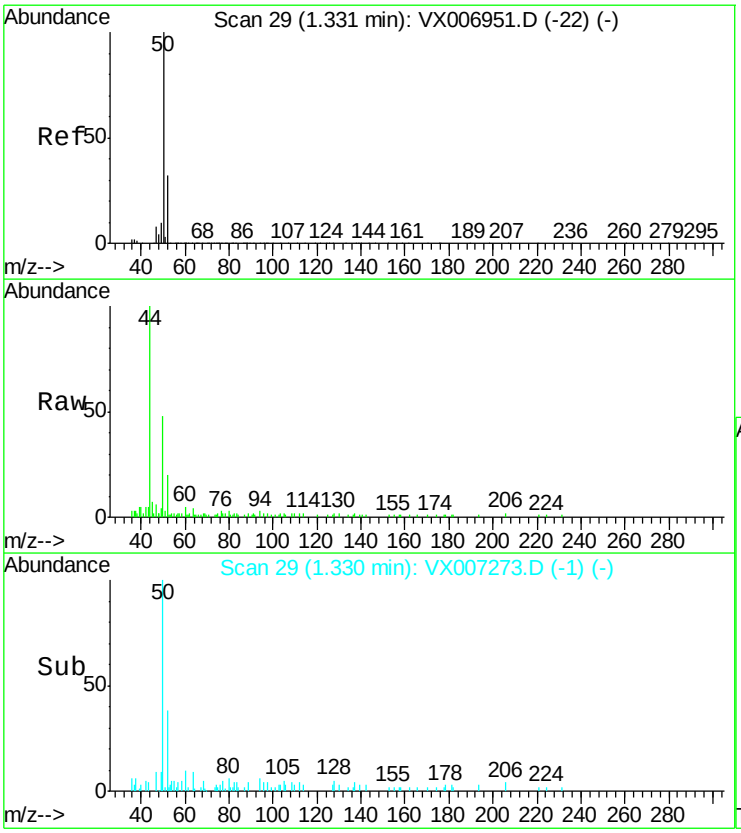
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion:168 Resp: 550284

Ion	Ratio	Lower	Upper
168	100		
99	47.7	41.8	62.8

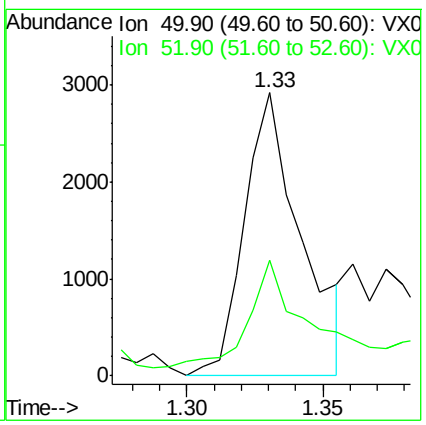


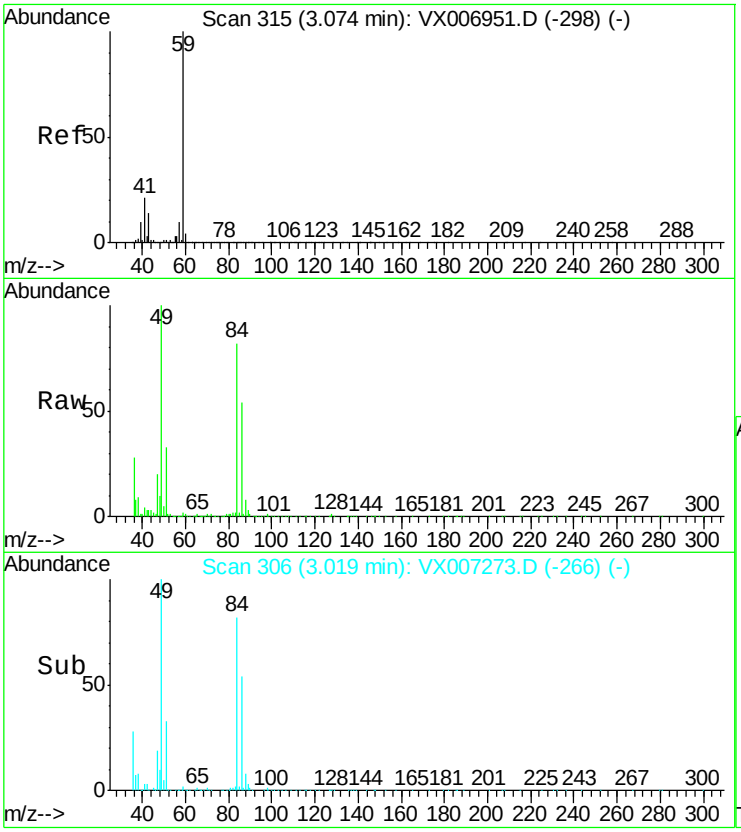


#3
Chloromethane
Concen: 0.800 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 50 Resp: 4207

Ion	Ratio	Lower	Upper
50	100		
52	35.9	25.4	38.2



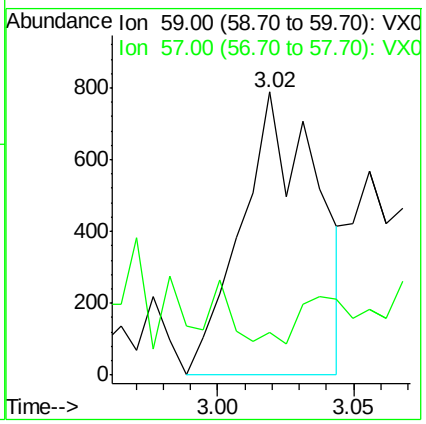


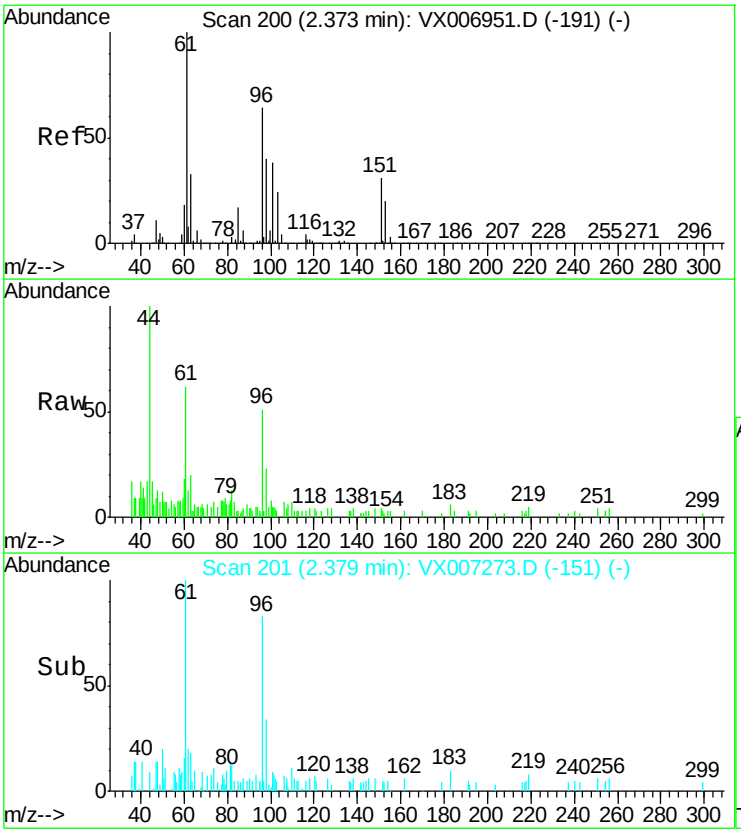
#11
Tert butyl alcohol
Concen: 1.116 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion: 59 Resp: 1514

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

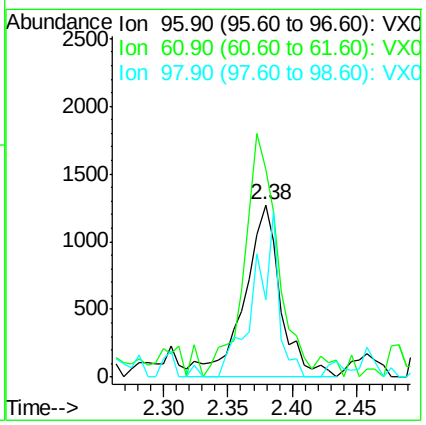


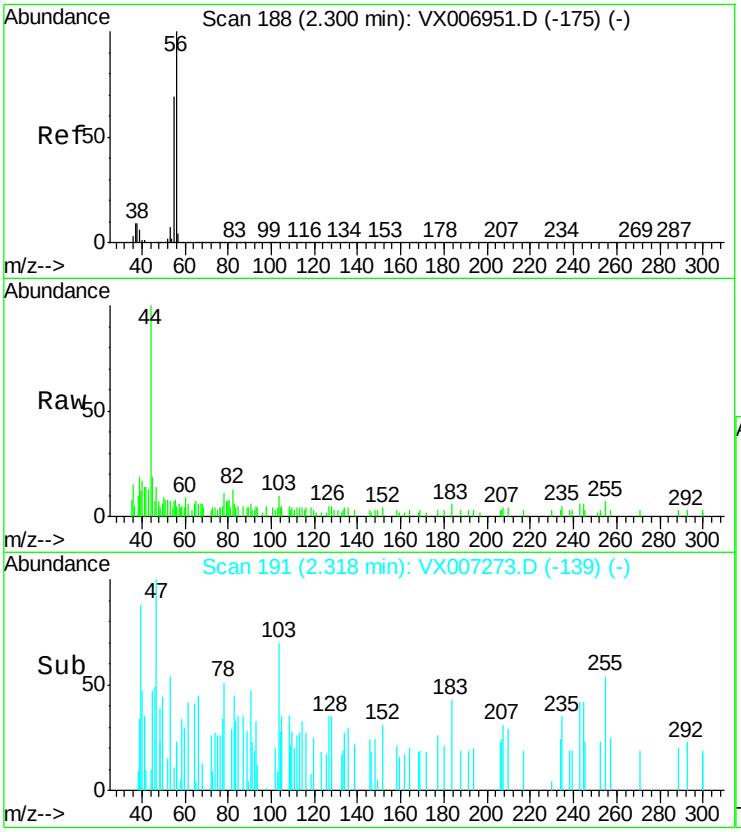


#12
1,1-Dichloroethene
Concen: 0.489 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 96 Resp: 2474

Ion	Ratio	Lower	Upper
96	100		
61	115.9	121.4	182.2#
98	46.7	51.9	77.9#



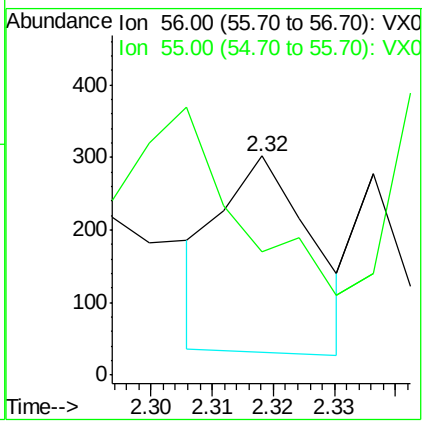


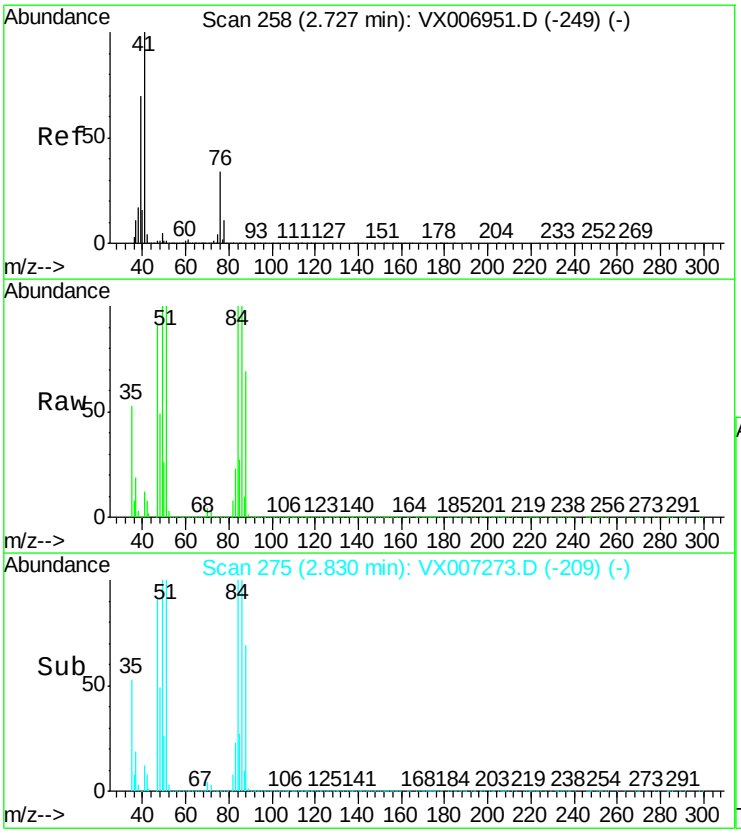
#13
Acrolein
Concen: 3.552 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument : MSVOA_X
ClientSampleId : RBR200036

Tgt Ion: 56 Resp: 277

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.4#

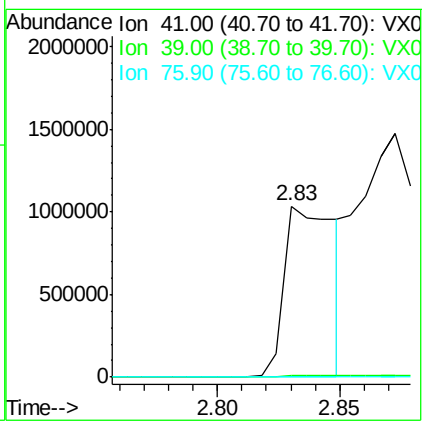


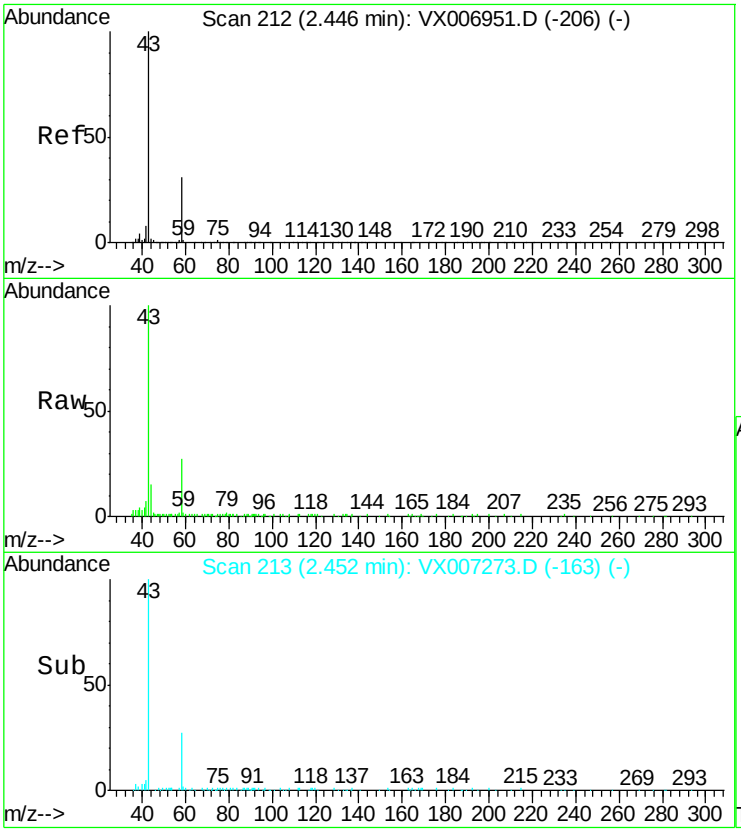


#14
Allyl chloride
Concen: 171.626 ug/l
RT: 2.83 min Scan# 275
Delta R.T. 0.10 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 41 Resp: 1487603

Ion	Ratio	Lower	Upper
41	100		
39	3.0	53.6	80.4#
76	0.2	27.4	41.2#



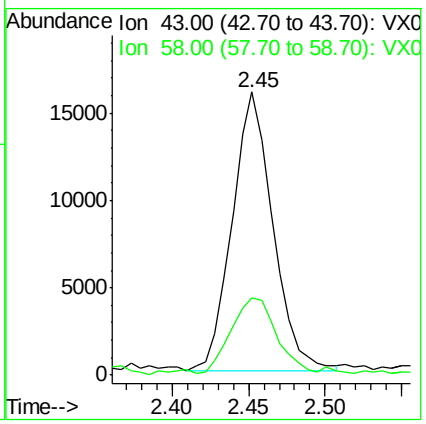


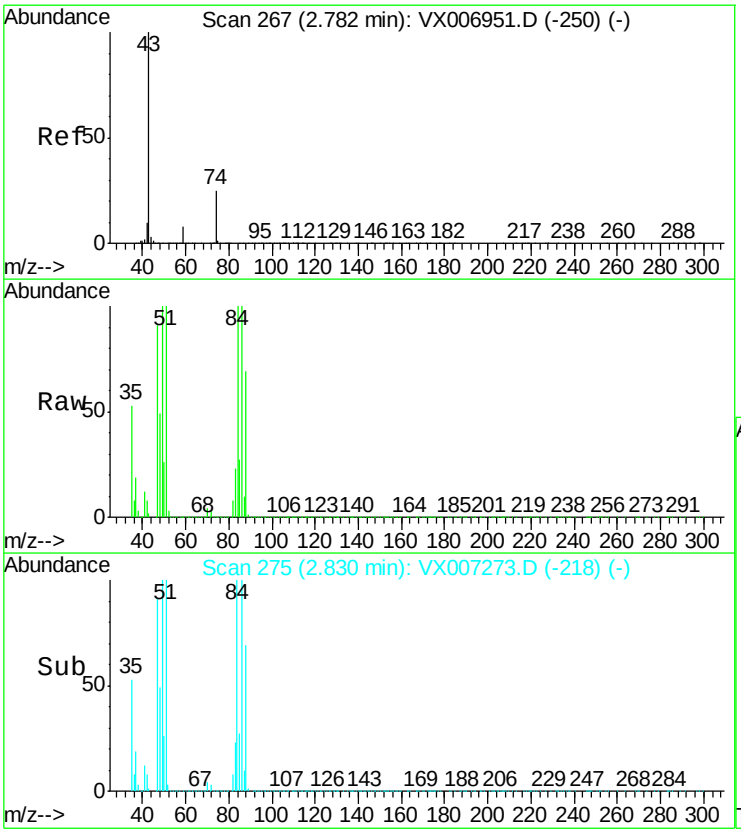
#16
Acetone
Concen: 10.318 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion: 43 Resp: 29335

Ion	Ratio	Lower	Upper
43	100		
58	26.2	25.0	37.6

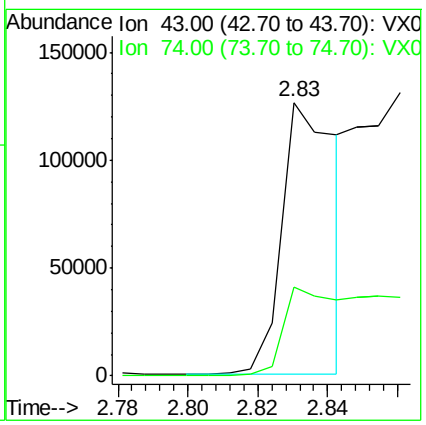


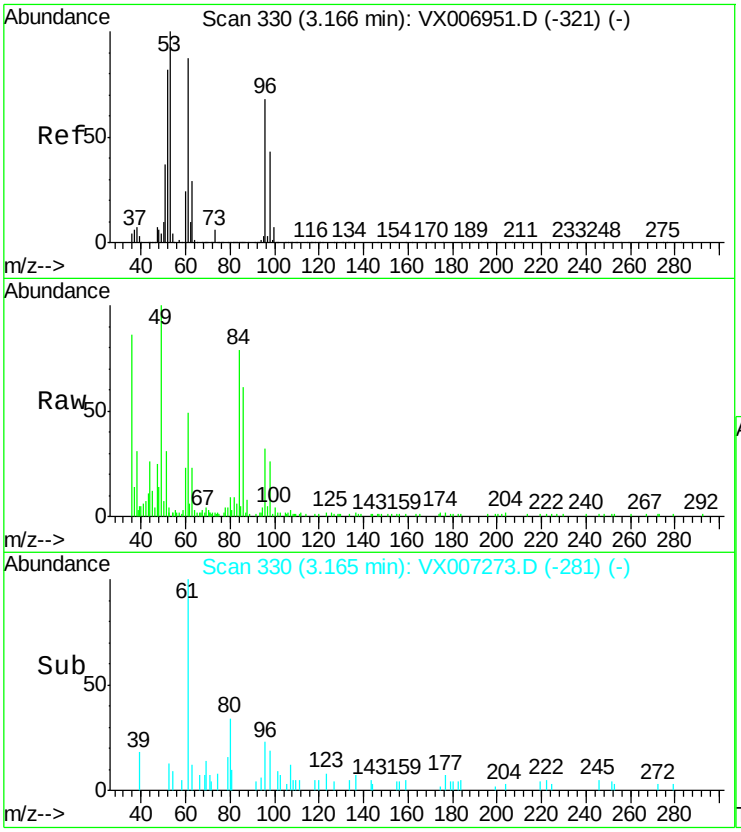


#18
Methyl Acetate
Concen: 16.798 ug/l
RT: 2.83 min Scan# 275
Delta R.T. 0.05 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 43 Resp: 138305

Ion	Ratio	Lower	Upper
43	100		
74	31.1	18.6	28.0#



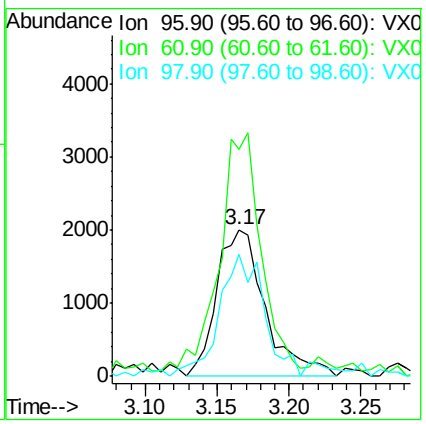


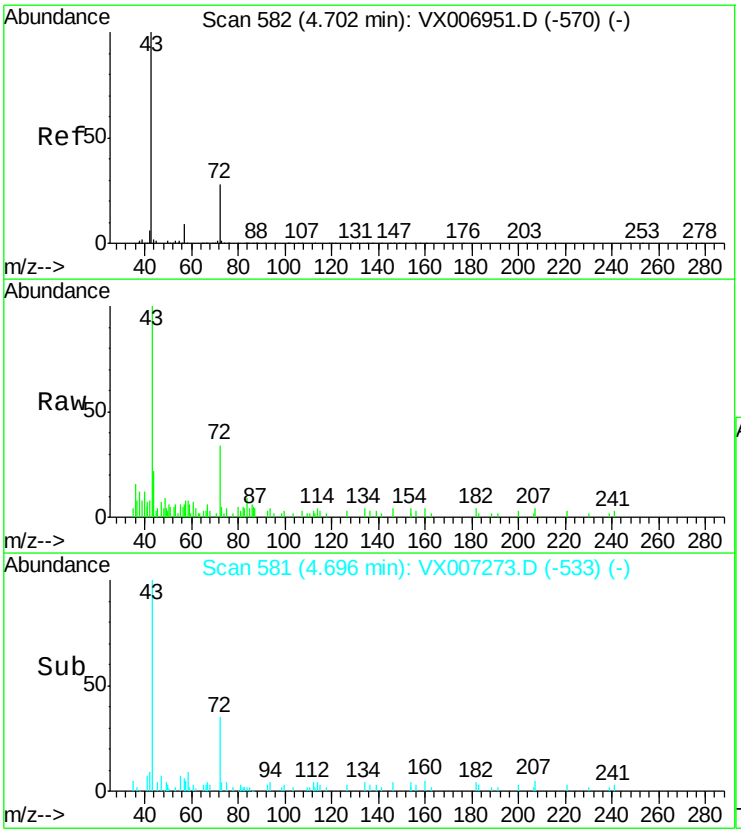
#21
trans-1,2-Dichloroethene
Concen: 0.838 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion: 96 Resp: 4724

Ion	Ratio	Lower	Upper
96	100		
61	149.3	103.7	155.5
98	75.6	51.0	76.6

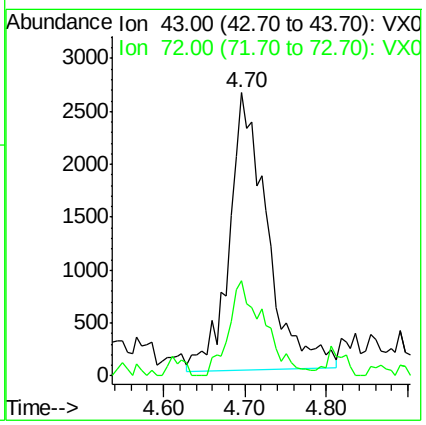


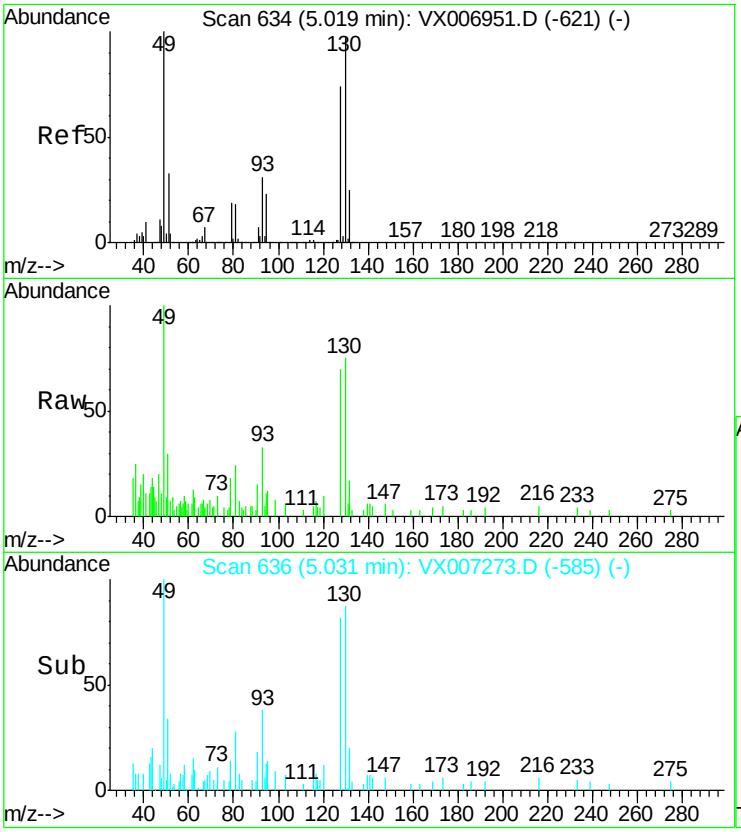


#25
2-Butanone
Concen: 2.091 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 43 Resp: 8508

Ion	Ratio	Lower	Upper
43	100		
72	30.0	22.4	33.6



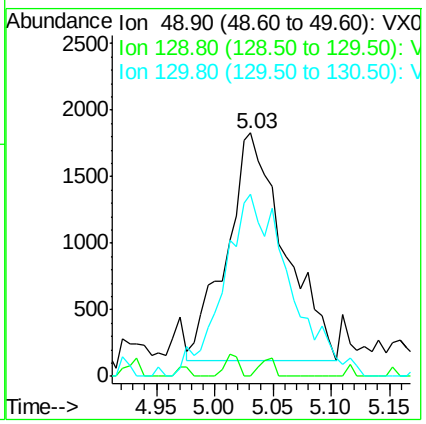


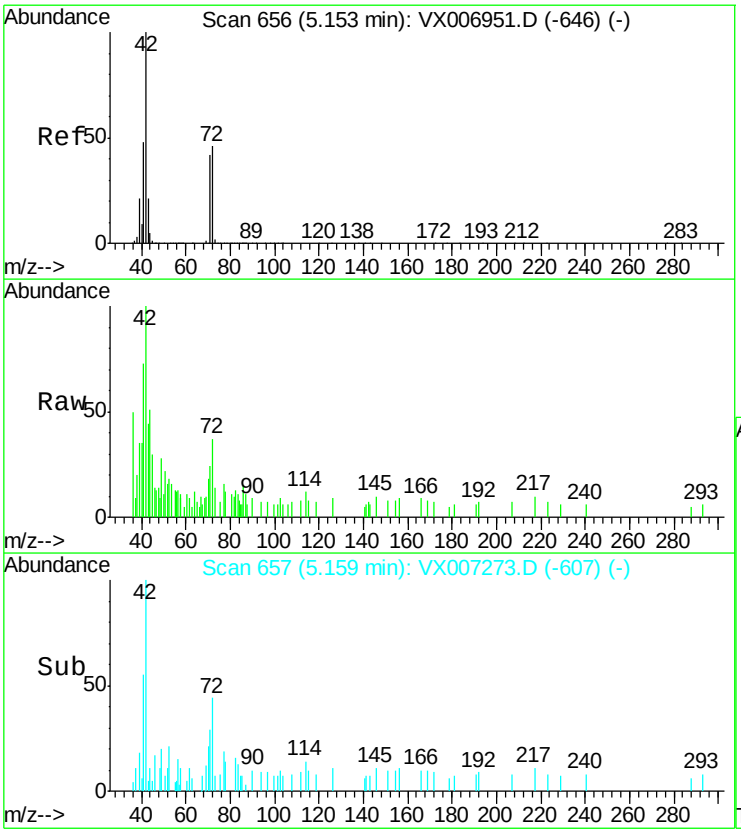
#28
Bromochloromethane
Concen: 1.493 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion: 49 Resp: 5961

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.4
130	90.9	77.7	116.5

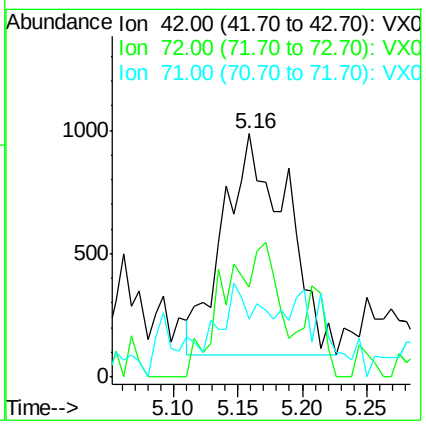


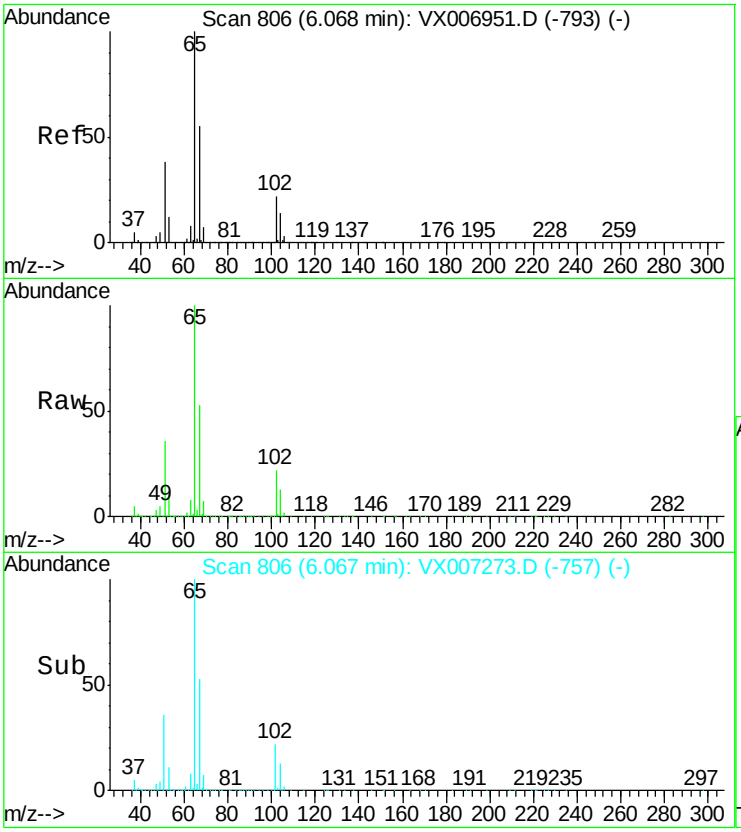


#29
Tetrahydrofuran
Concen: 1.164 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 42 Resp: 3076

Ion	Ratio	Lower	Upper
42	100		
72	50.5	38.9	58.3
71	0.0	36.2	54.4#



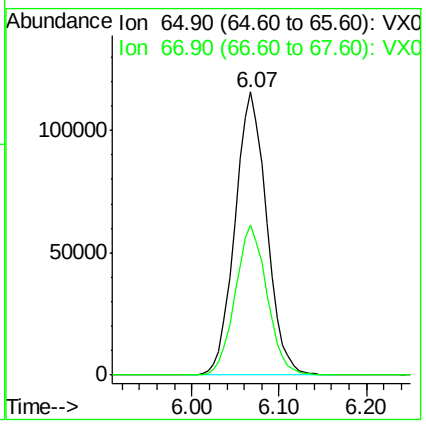


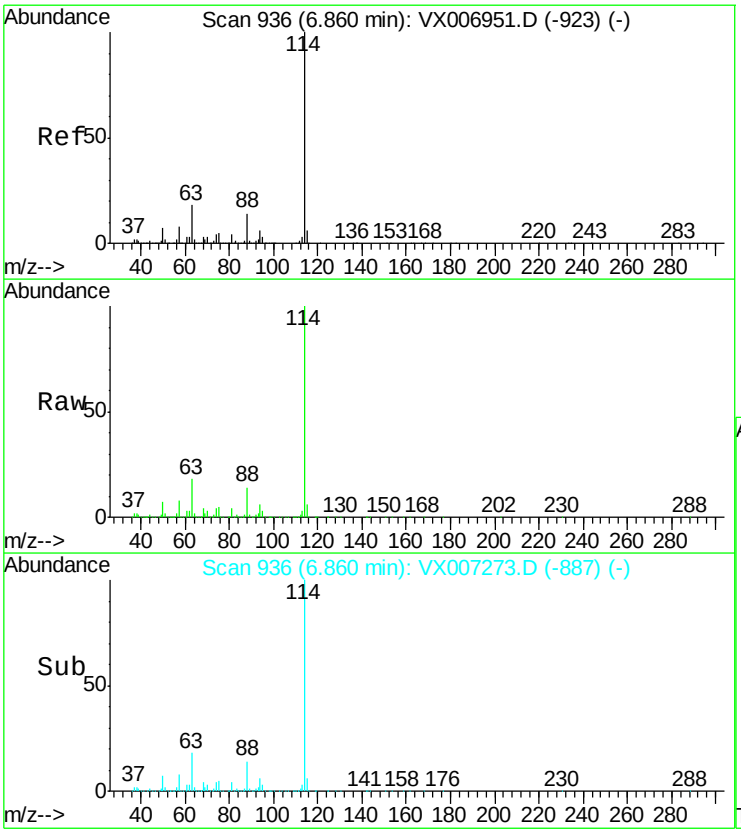
#33
1,2-Dichloroethane-d4
Concen: 50.659 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument : MSVOA_X
ClientSampleId : RBR200036

Tgt Ion: 65 Resp: 291336

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.0

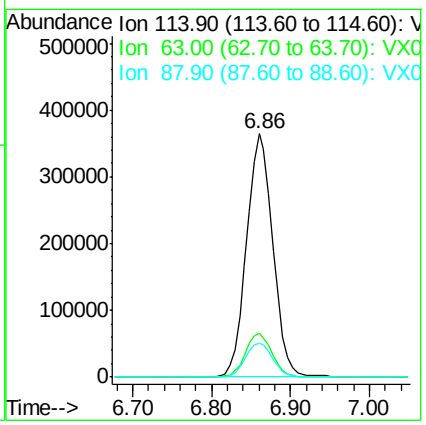


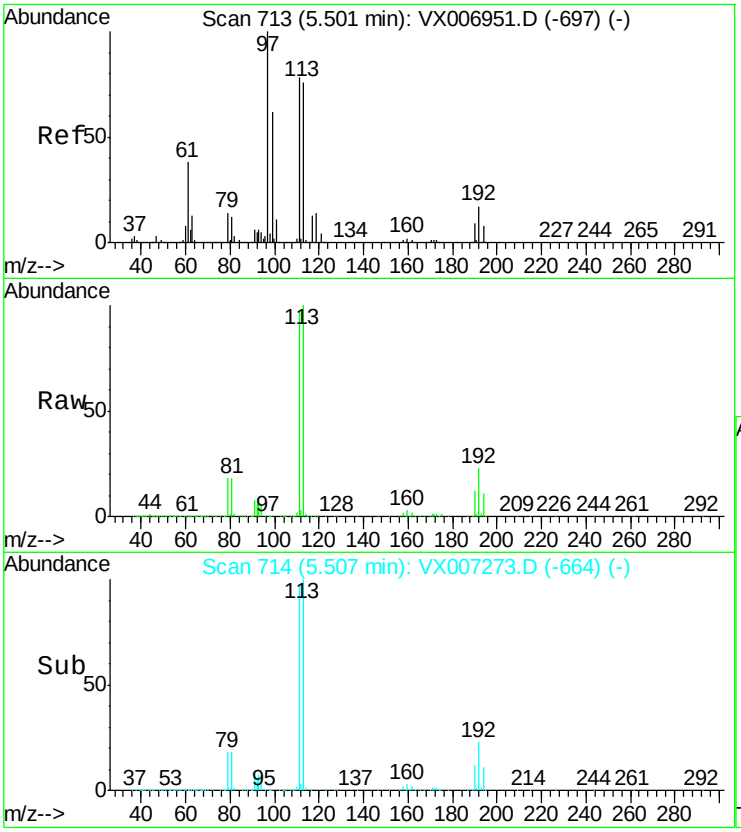


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion:114 Resp: 843759

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	34.8
88	14.0	0.0	28.8



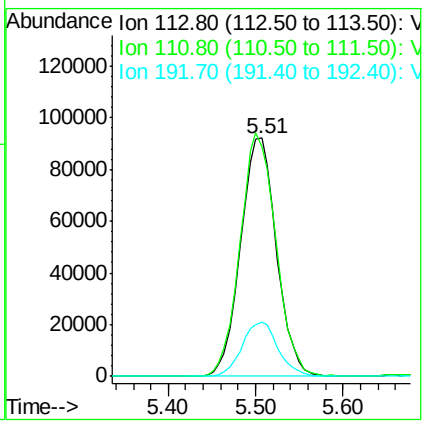


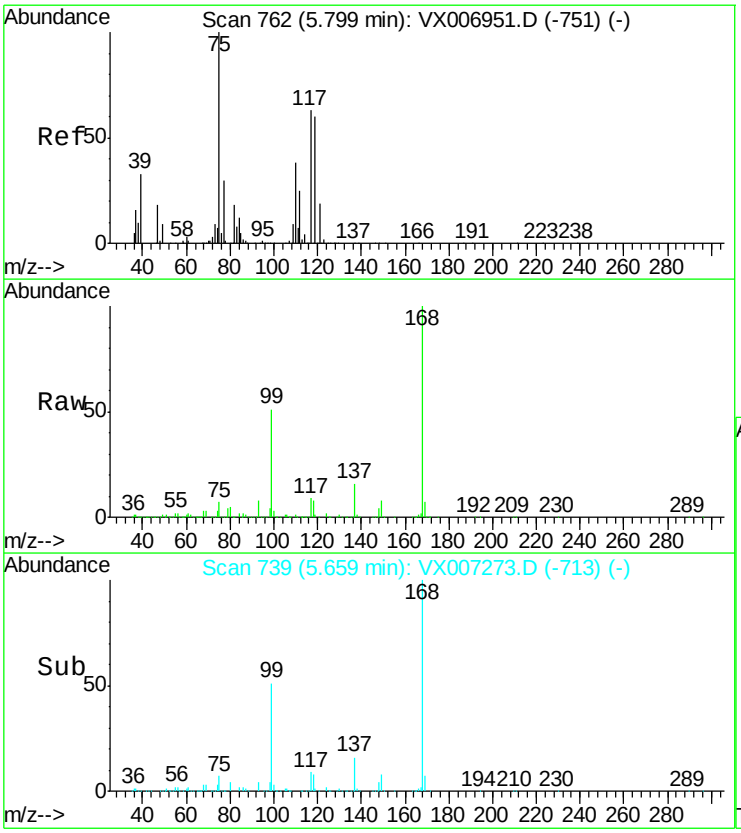
#35
Dibromofluoromethane
Concen: 48.535 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion:113 Resp: 262251

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.6	122.4
192	23.1	16.7	25.1

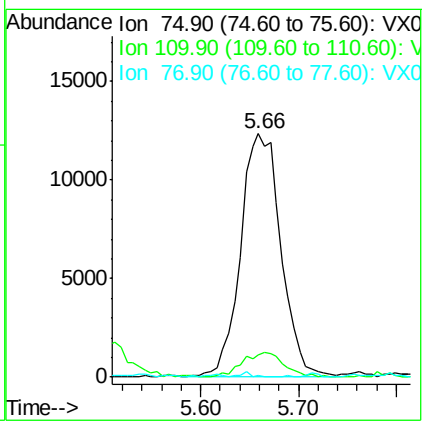


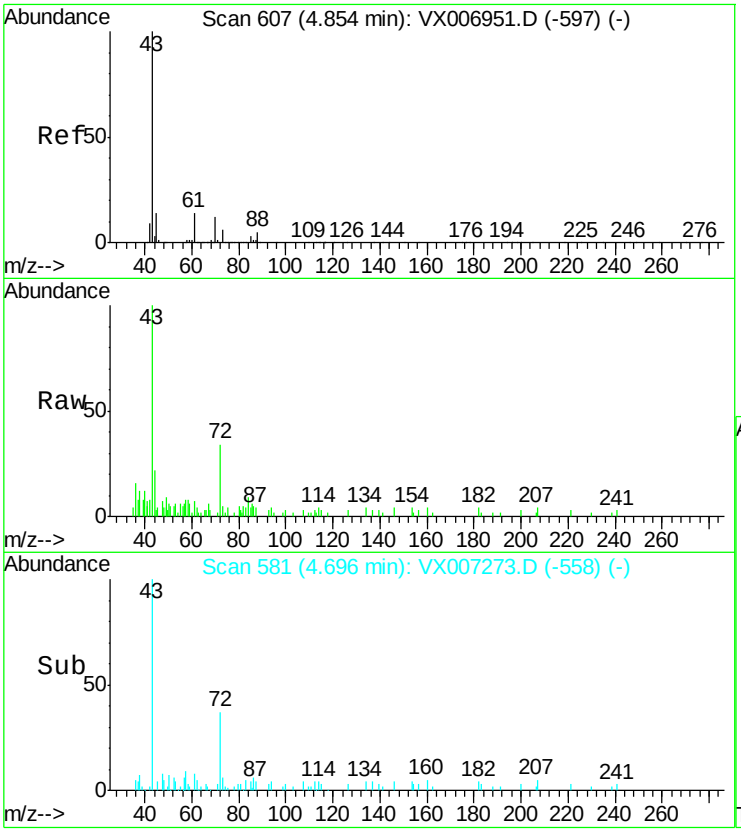


#36
1,1-Dichloropropene
Concen: 4.838 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 75 Resp: 35490

Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.2	60.5#
77	0.5	24.8	37.2#



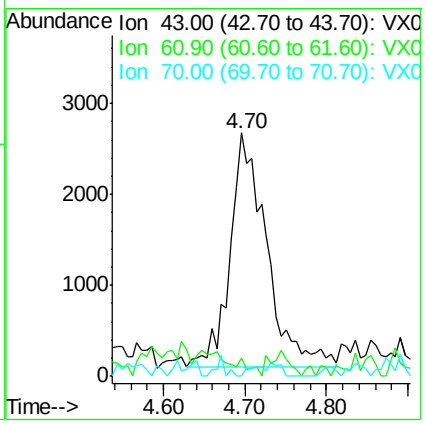


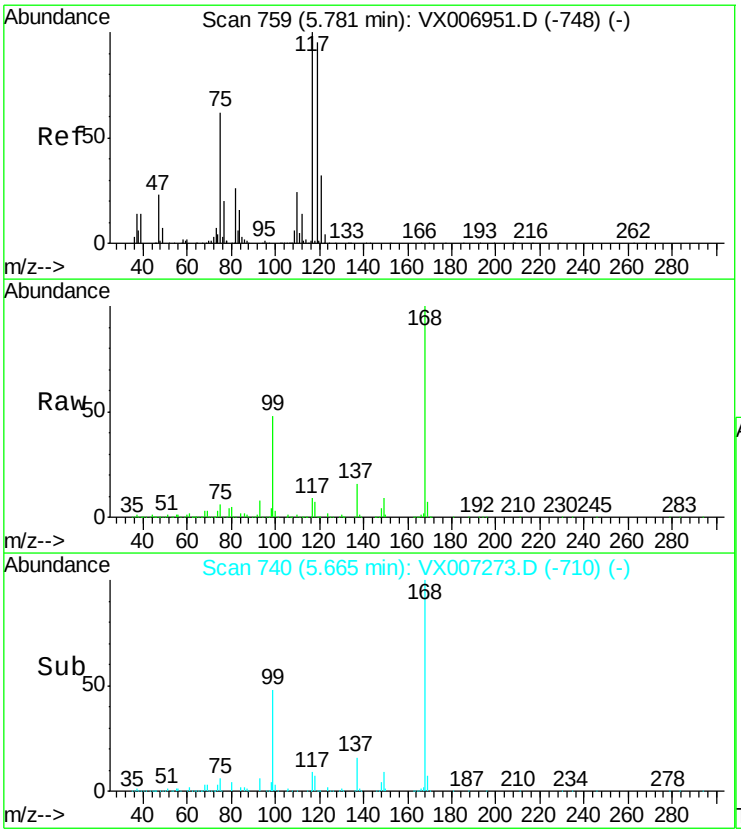
#37
Ethyl Acetate
Concen: 1.025 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.16 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument : MSVOA_X
ClientSampleId : RBR200036

Tgt Ion: 43 Resp: 8064

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9#
70	0.0	9.7	14.5#

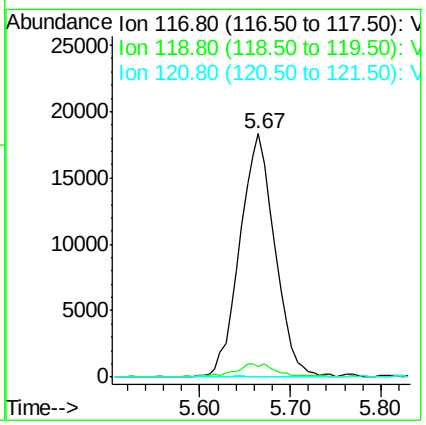


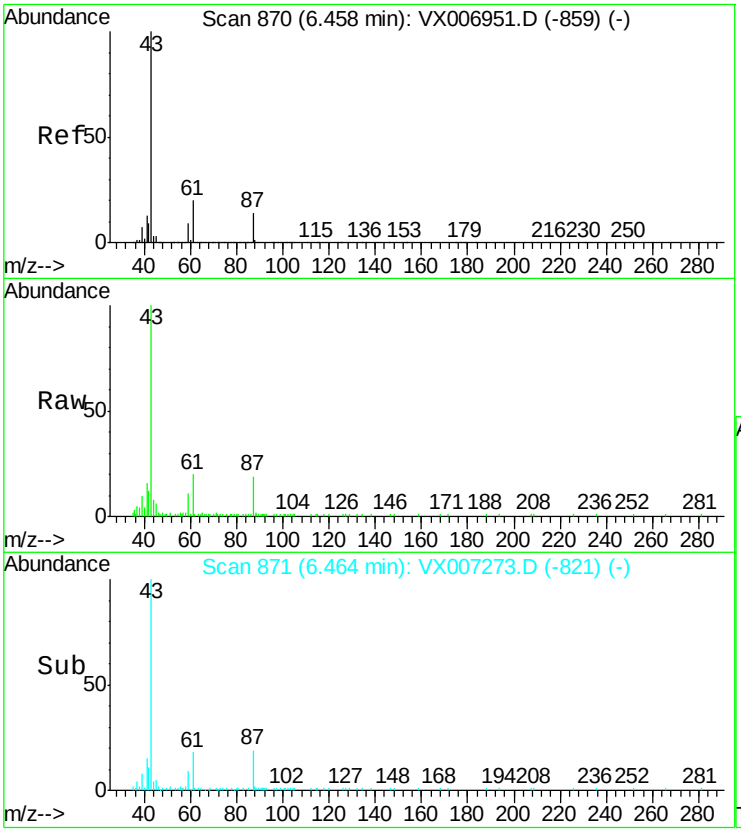


#38
Carbon Tetrachloride
Concen: 6.667 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion:117 Resp: 49208

Ion	Ratio	Lower	Upper
117	100		
119	4.4	79.4	119.2#
121	0.0	24.0	36.0#



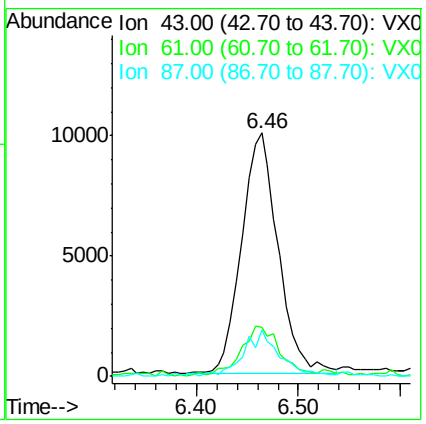


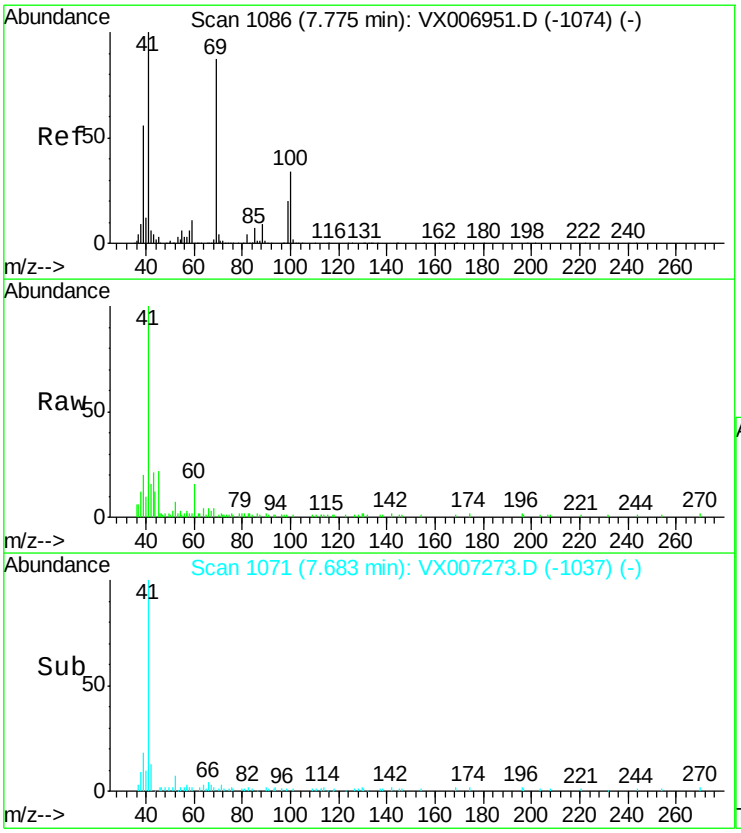
#43
Isopropyl Acetate
Concen: 2.019 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion: 43 Resp: 25049

Ion	Ratio	Lower	Upper
43	100		
61	22.5	16.8	25.2
87	18.9	12.4	18.6#

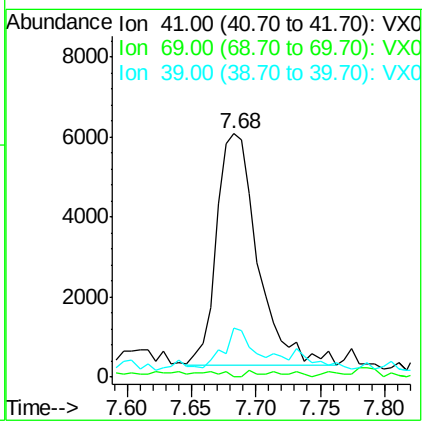


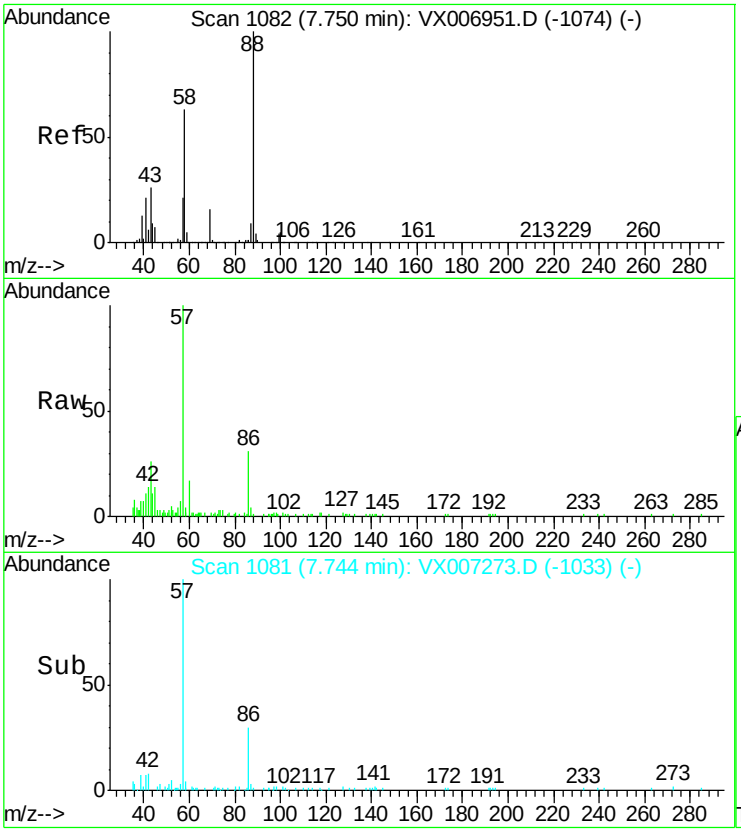


#48
Methyl methacrylate
Concen: 2.018 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 41 Resp: 12855

Ion	Ratio	Lower	Upper
41	100		
69	1.4	72.4	108.6#
39	0.0	45.8	68.8#



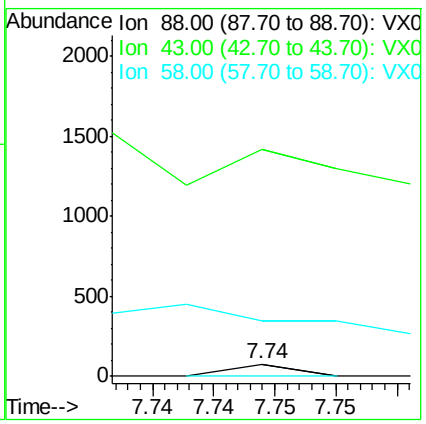


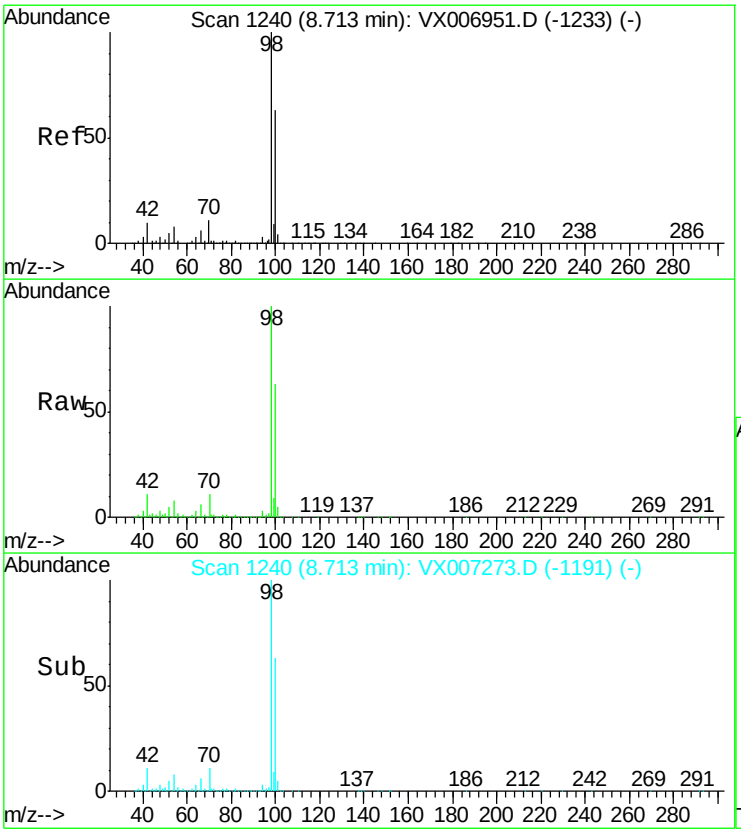
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	0.0	51.0	76.4#

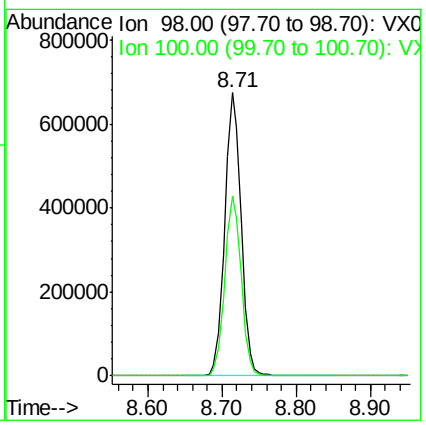


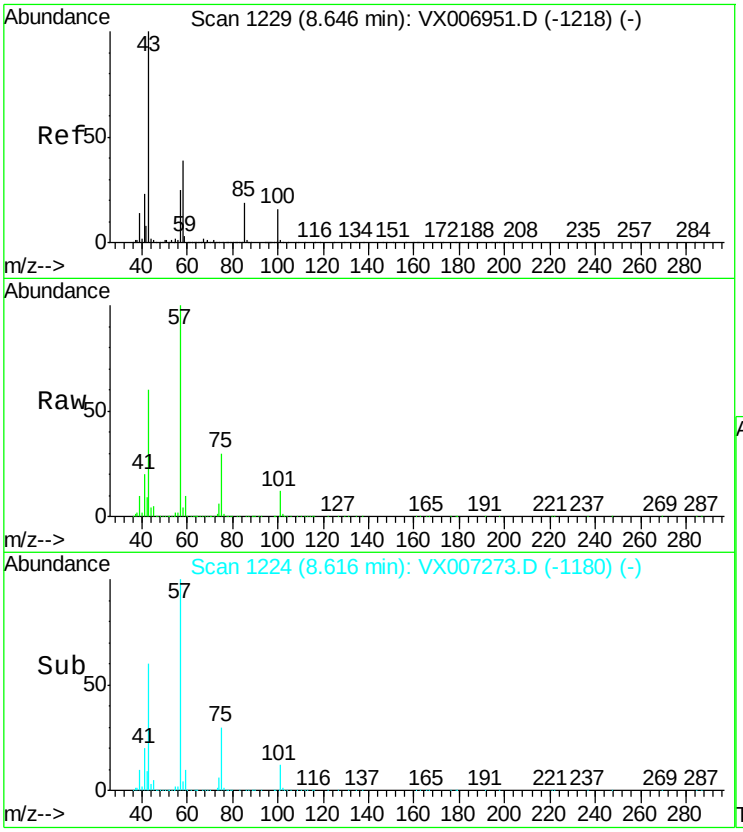


#50
Toluene-d8
Concen: 52.440 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 98 Resp: 1037167

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.0	78.0



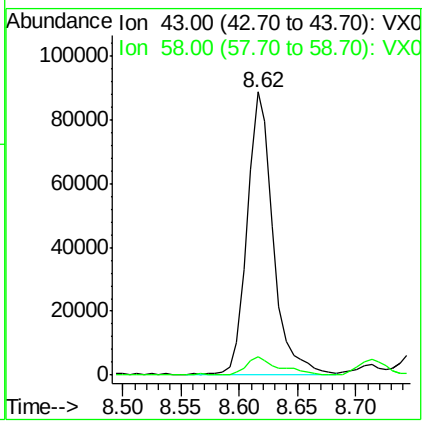


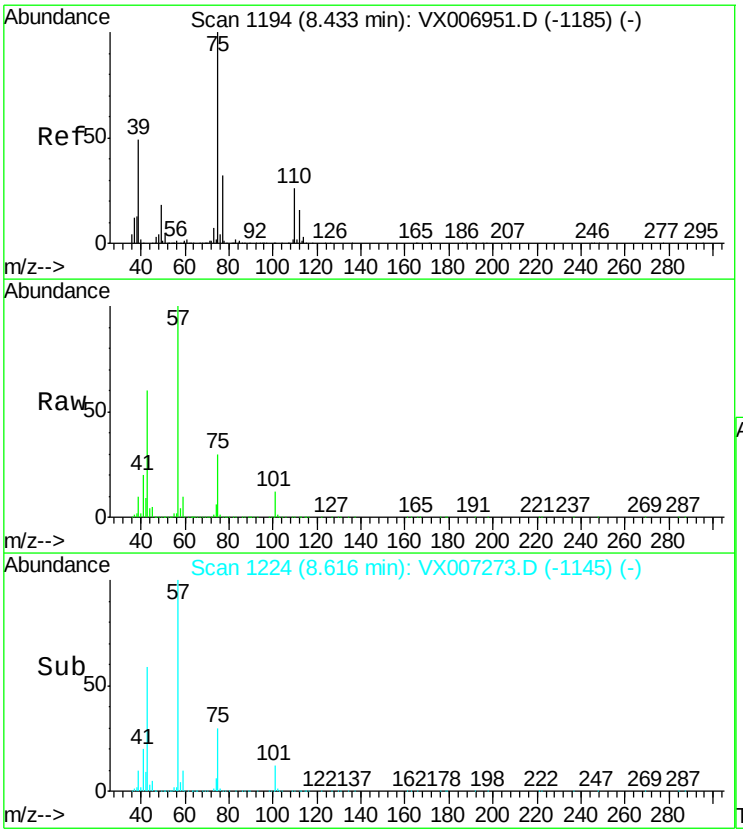
#51
4-Methyl-2-Pentanone
Concen: 17.060 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion: 43 Resp: 136006

Ion	Ratio	Lower	Upper
43	100		
58	8.3	31.8	47.6#

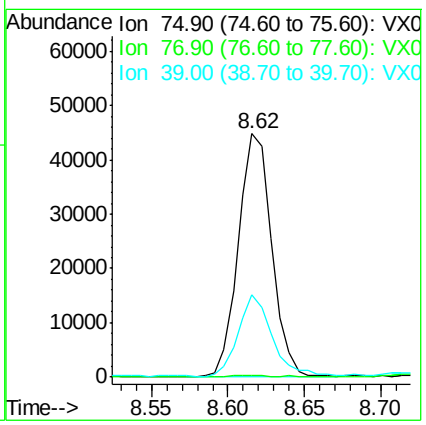


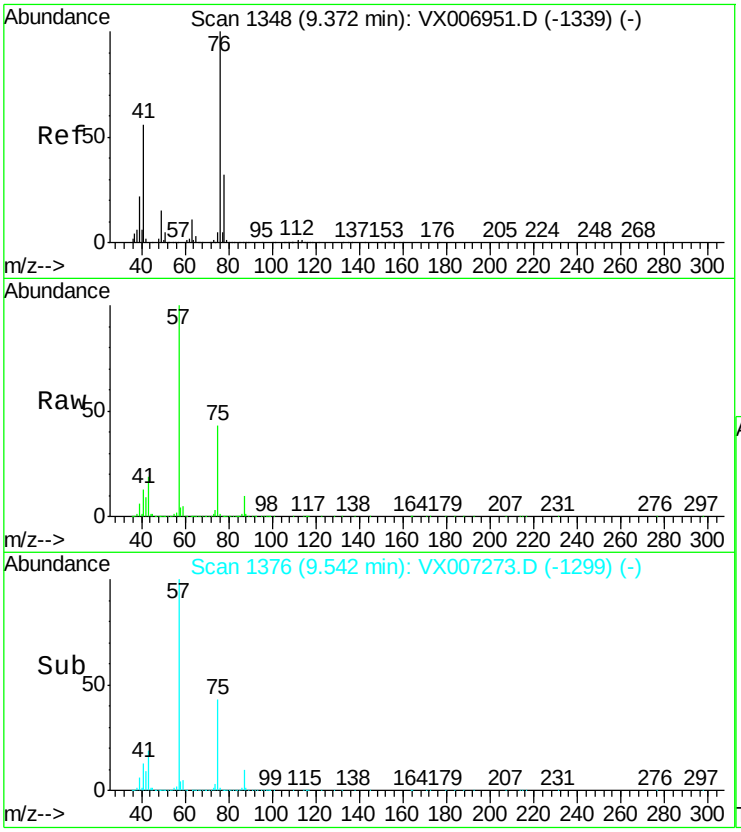


#54
cis-1,3-Dichloropropene
Concen: 8.248 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 75 Resp: 67997

Ion	Ratio	Lower	Upper
75	100		
77	0.8	26.2	39.2#
39	33.3	36.7	55.1#



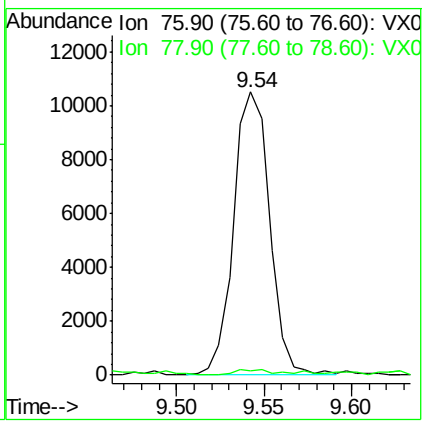


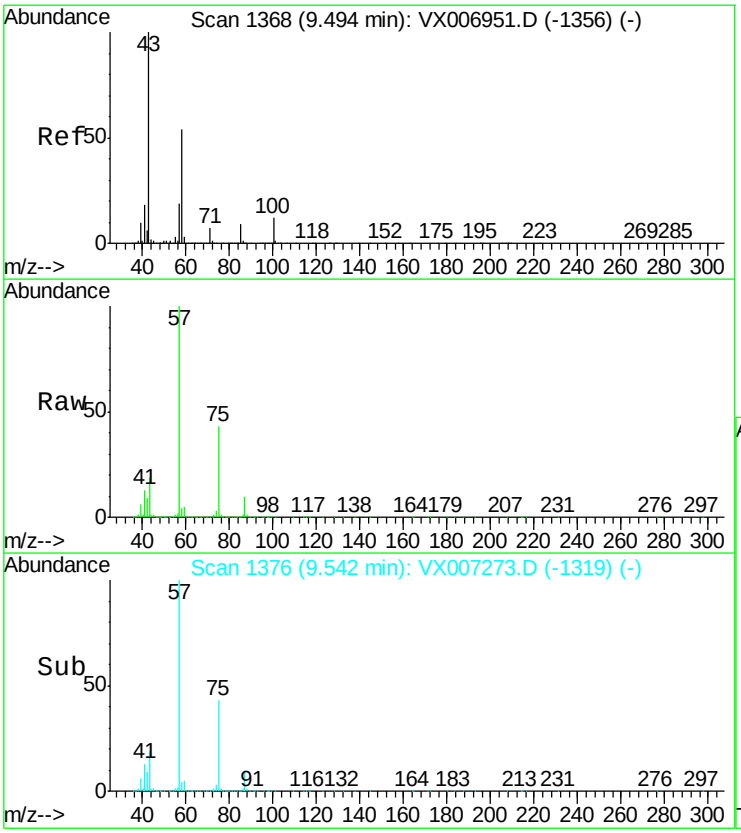
#57
1,3-Dichloropropane
Concen: 1.604 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument : MSVOA_X
ClientSampleId : RBR200036

Tgt Ion: 76 Resp: 15133

Ion	Ratio	Lower	Upper
76	100		
78	2.2	26.0	39.0#

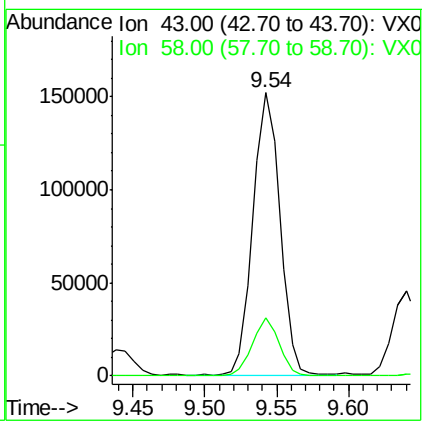


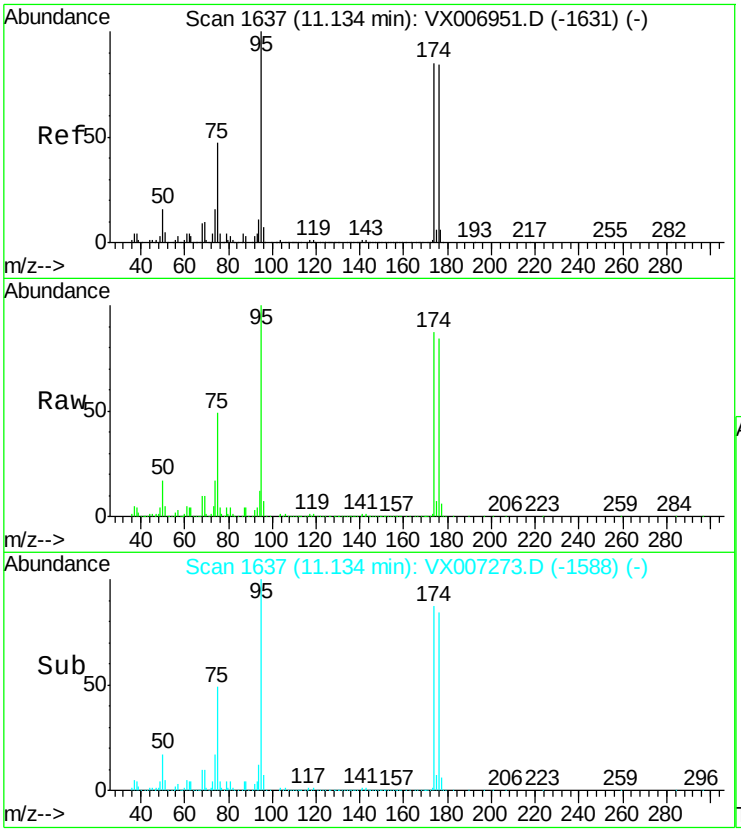


#59
2-Hexanone
Concen: 32.265 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 43 Resp: 196025

Ion	Ratio	Lower	Upper
43	100		
58	20.7	27.7	83.1#



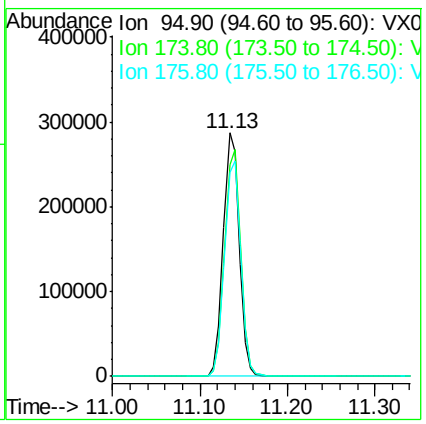


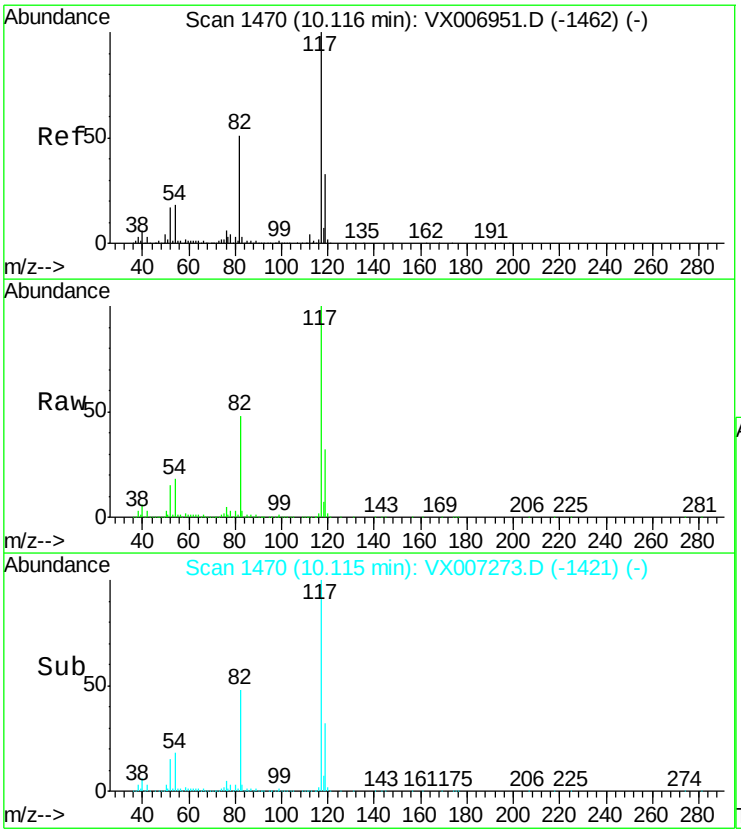
#62
4-Bromofluorobenzene
Concen: 52.452 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion: 95 Resp: 361662

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	182.2
176	90.5	0.0	178.8

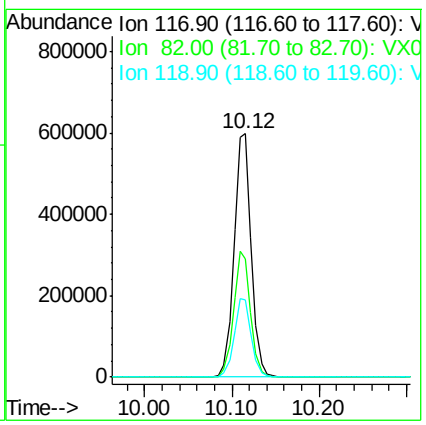


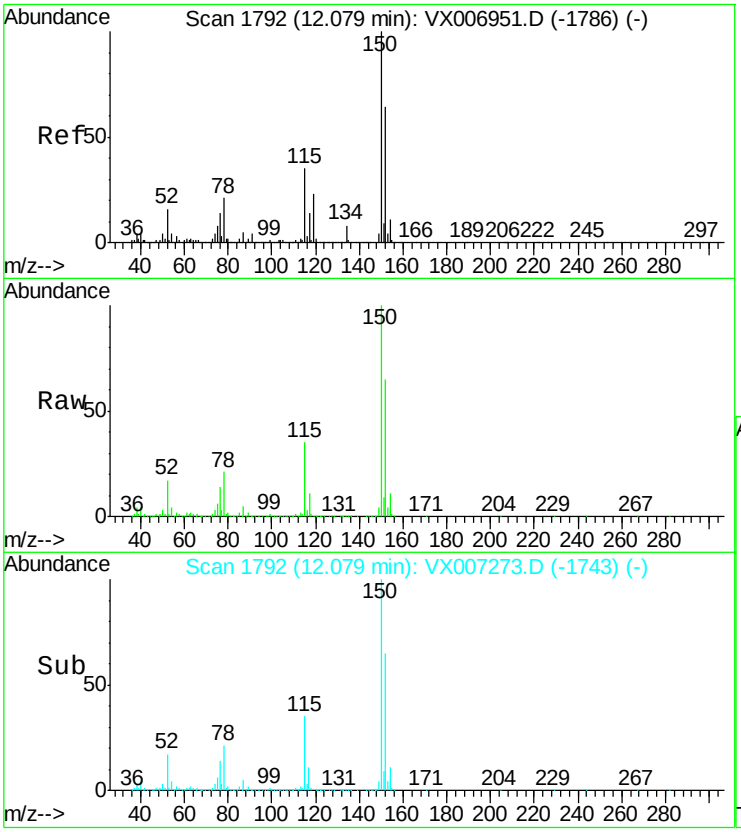


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion:117 Resp: 819190

Ion	Ratio	Lower	Upper
117	100		
82	48.5	41.0	61.6
119	31.6	25.4	38.0



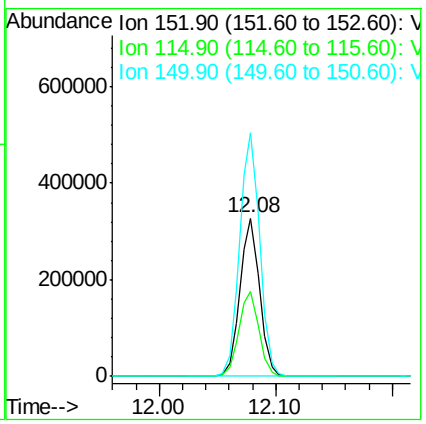


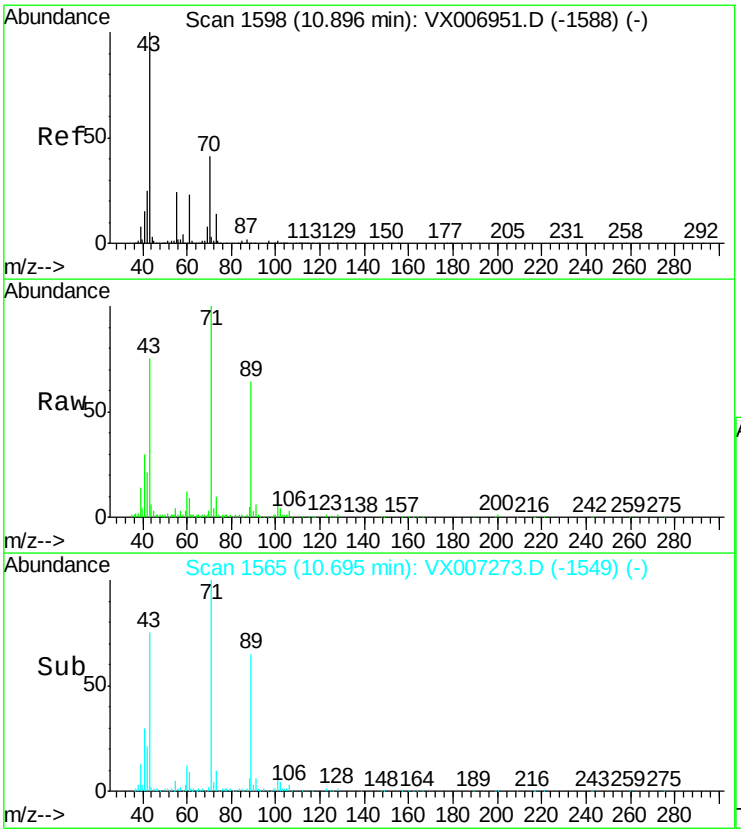
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument : MSVOA_X
ClientSampleId : RBR200036

Tgt Ion:152 Resp: 386681

Ion	Ratio	Lower	Upper
152	100		
115	54.6	39.1	117.2
150	156.5	0.0	344.8

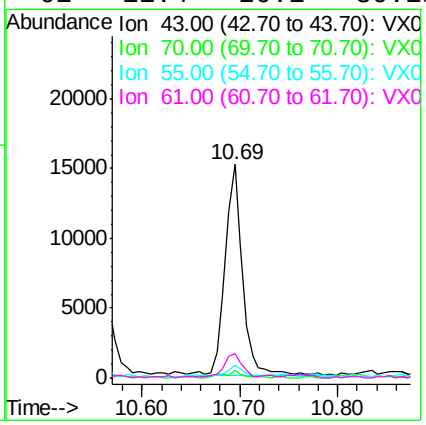


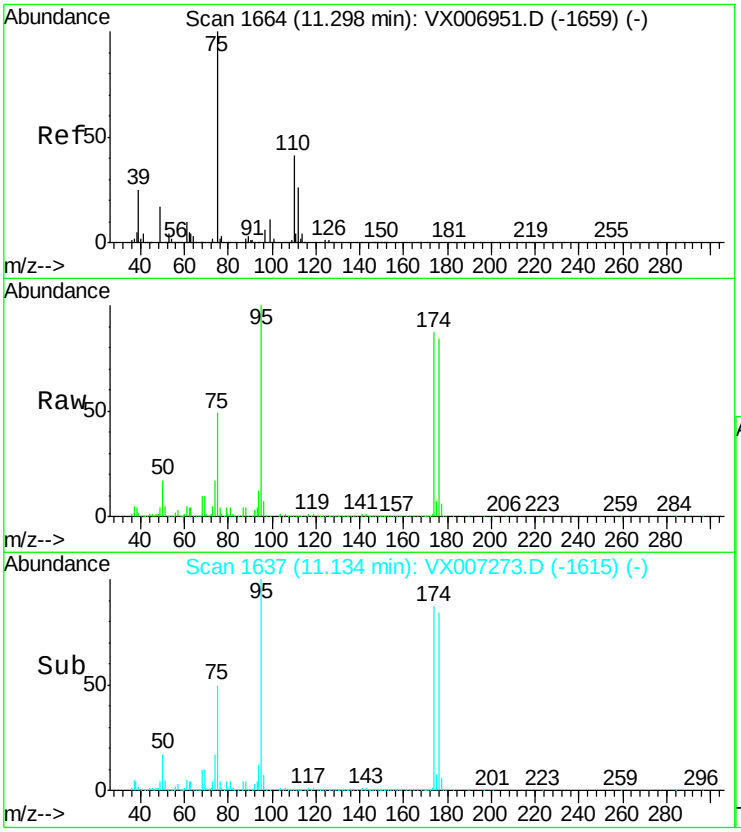


#74
N-amyl acetate
Concen: 1.698 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 43 Resp: 18642

Ion	Ratio	Lower	Upper
43	100		
70	3.7	35.8	53.8#
55	5.0	19.4	29.0#
61	11.4	20.1	30.1#



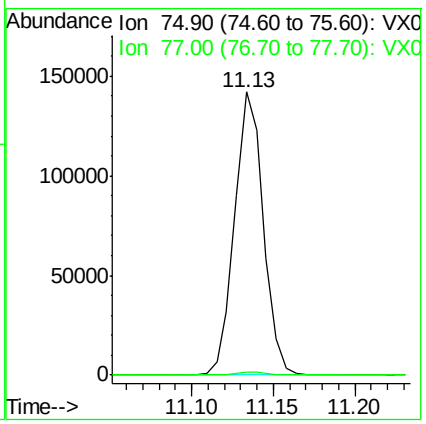


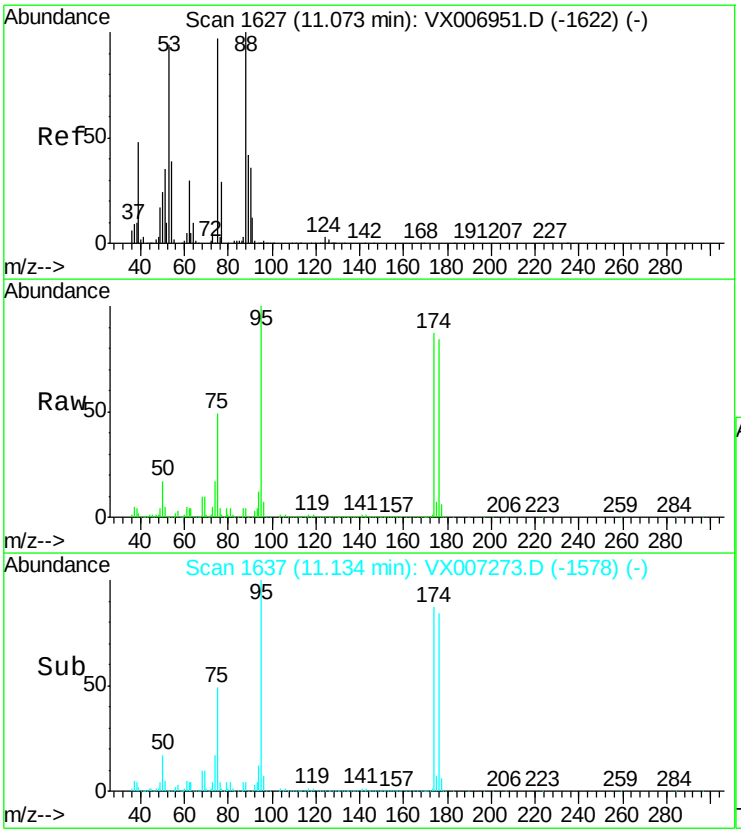
#76
1,2,3-Trichloropropane
Concen: 22.287 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion: 75 Resp: 174643

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#

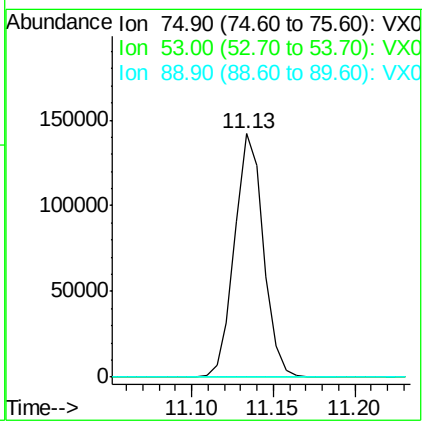


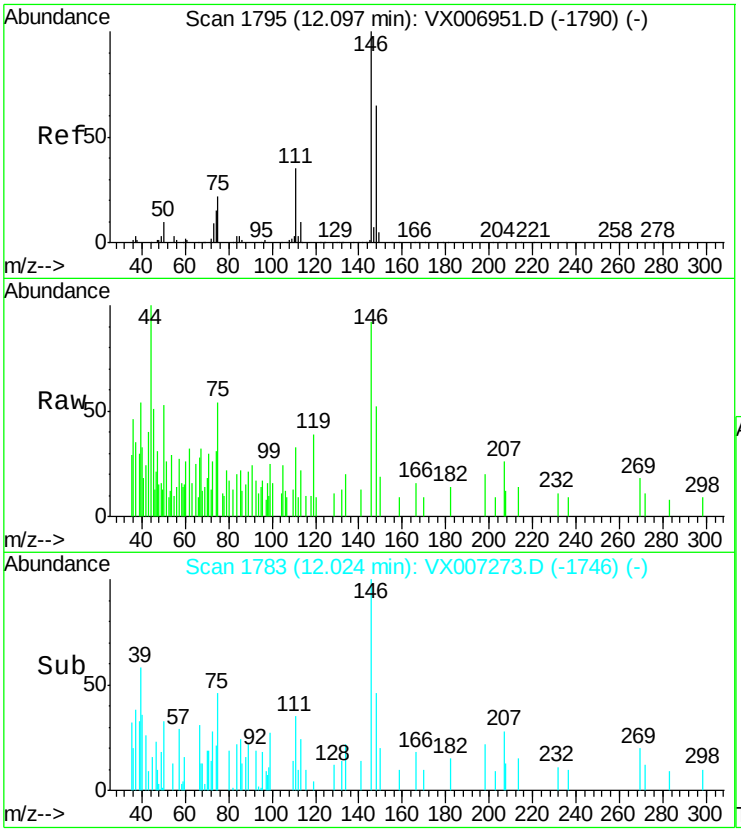


#81
trans-1,4-Dichloro-2-butene
Concen: 65.955 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion: 75 Resp: 174643

Ion	Ratio	Lower	Upper
75	100		
53	0.4	79.7	119.5#
89	0.0	38.0	57.0#



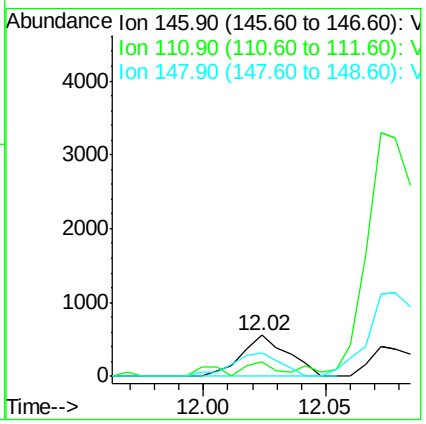


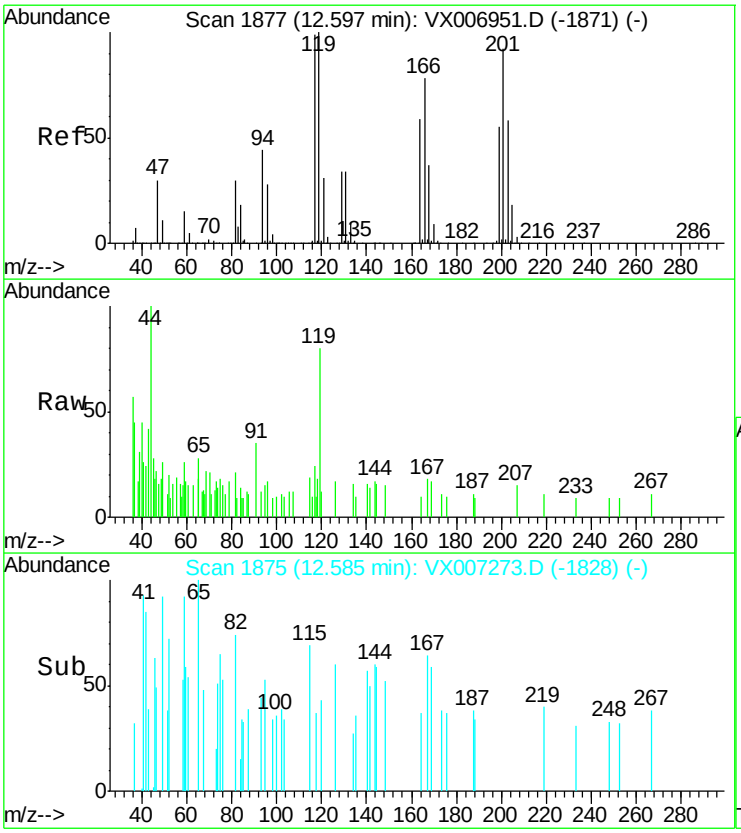
#88
1,4-Dichlorobenzene
Concen: 0.202 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.07 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument : MSVOA_X
ClientSampleId : RBR200036

Tgt Ion:146 Resp: 734

Ion	Ratio	Lower	Upper
146	100		
111	23.8	18.1	54.1
148	60.2	31.9	95.9

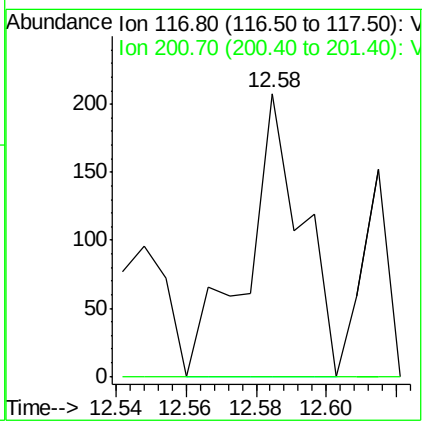


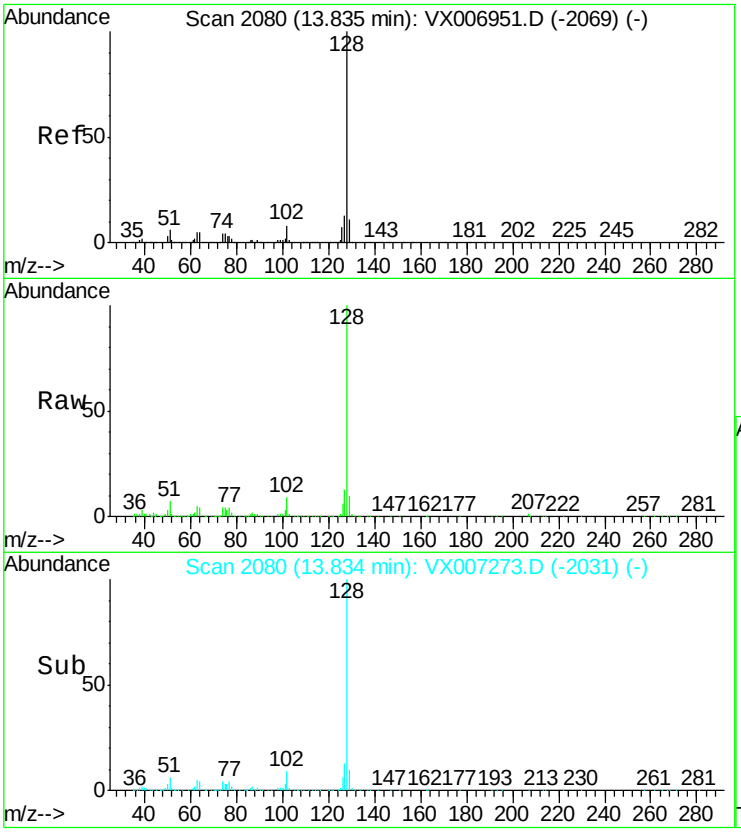


#90
Hexachloroethane
Concen: 2.963 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion:117 Resp: 227

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#





#95
Naphthalene
Concen: 1.747 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tgt Ion:128 Resp: 48668

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.1	15.1
129	11.1	8.6	13.0