Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011619\
Data File : VX007075.D
Acq On : 16 Jan 2019 14:47
Operator : JC/SP
Sample : K1010-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OK-01-011519-B

Quant Time: Jan 17 00:00:08 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	5.66	168	563143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	877465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	840533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	406597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	307045	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.34%			
35) Dibromofluoromethane	5.50	113	269112	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.78%			
50) Toluene-d8	8.71	98	1074714	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.50%			
62) 4-Bromofluorobenzene	11.13	95	382475	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.01	59	5585	4.023	ug/l #	85
13) Acrolein	2.28	56	390	3.727	ug/l	99
14) Allyl chloride	2.86	41	15230	1.717	ug/l #	25
16) Acetone	2.45	43	24814	8.529	ug/l	98
18) Methyl Acetate	2.78	43	3777	0.448	ug/l #	72
20) Methylene Chloride	2.86	84	439596	79.774	ug/l	97
25) 2-Butanone	4.71	43	4466	1.073	ug/l	97
29) Tetrahydrofuran	5.17	42	1702	0.629	ug/l #	75
31) Cyclohexane	5.66	56	9469	1.141	ug/l #	13
36) 1,1-Dichloropropene	5.66	75	36685	4.809	ug/l #	49
38) Carbon Tetrachloride	5.66	117	49893	6.500	ug/l #	14
43) Isopropyl Acetate	6.46	43	23670	1.835	ug/l	95
48) Methyl methacrylate	7.69	41	13069	1.973	ug/l #	12
49) 1,4-Dioxane	7.73	88	94	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	123349	14.878	ug/l #	48
52) Toluene	8.79	92	11560	0.773	ug/l	99
54) cis-1,3-Dichloropropene	8.62	75	62640	7.307	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	15574	1.587	ug/l #	44
59) 2-Hexanone	9.54	43	194933	30.853	ug/l #	51
68) m/p-Xylenes	10.36	106	6061	0.508	ug/l	96
69) o-Xylene	10.70	106	2924	0.251	ug/l	98
71) Bromoform	10.85	173	111	4.746	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	180228	21.874	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	5727	0.239	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	180228	64.800	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	12141	0.504	ug/l	99
88) 1,4-Dichlorobenzene	12.07	146	979	0.217	ug/l #	1
90) Hexachloroethane	12.58	117	140	2.941	ug/l #	31
95) Naphthalene	13.83	128	34002	1.161	ug/l #	94

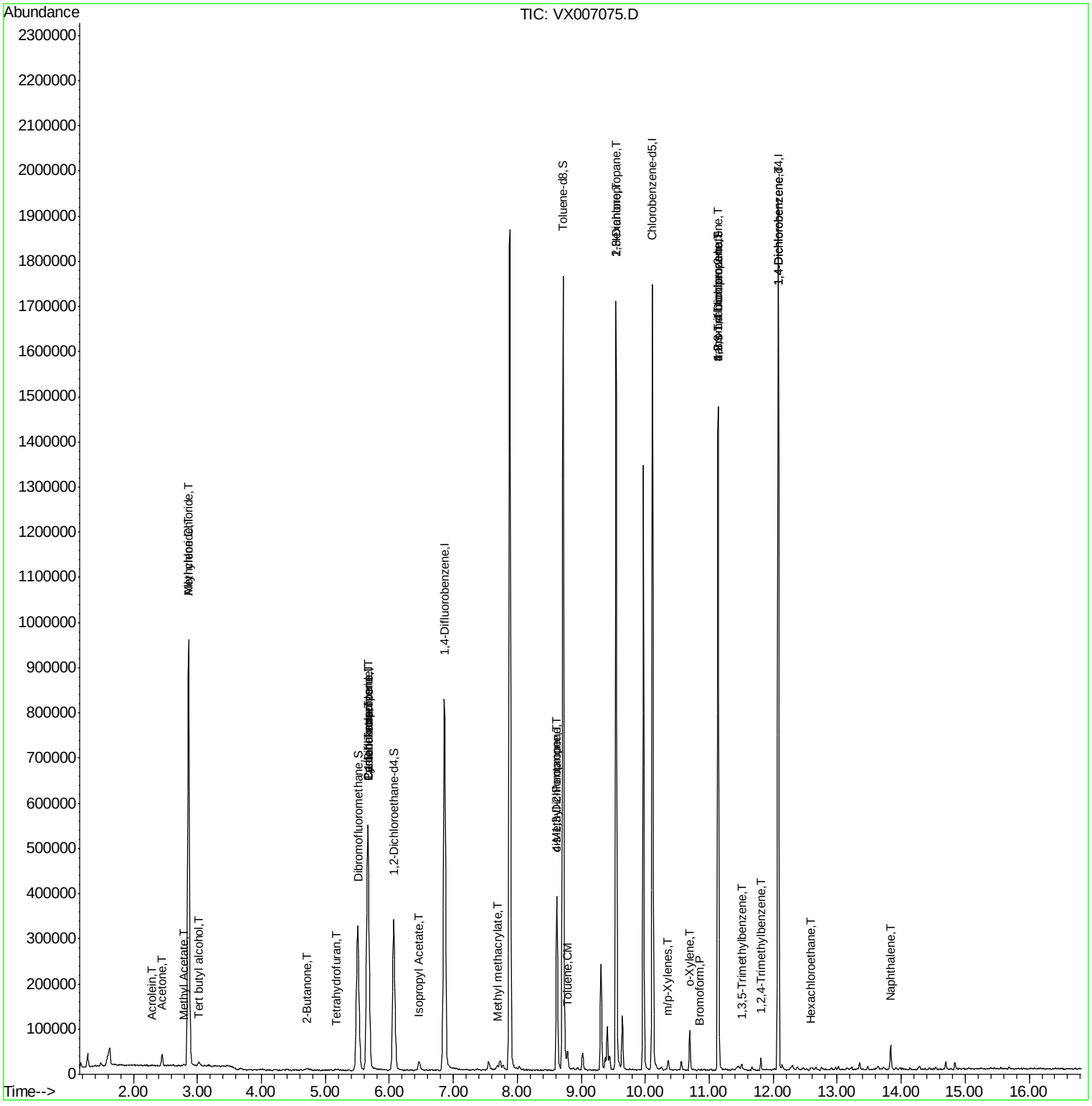
(#) = qualifier out of range (m) = manual integration (+) = signals summed

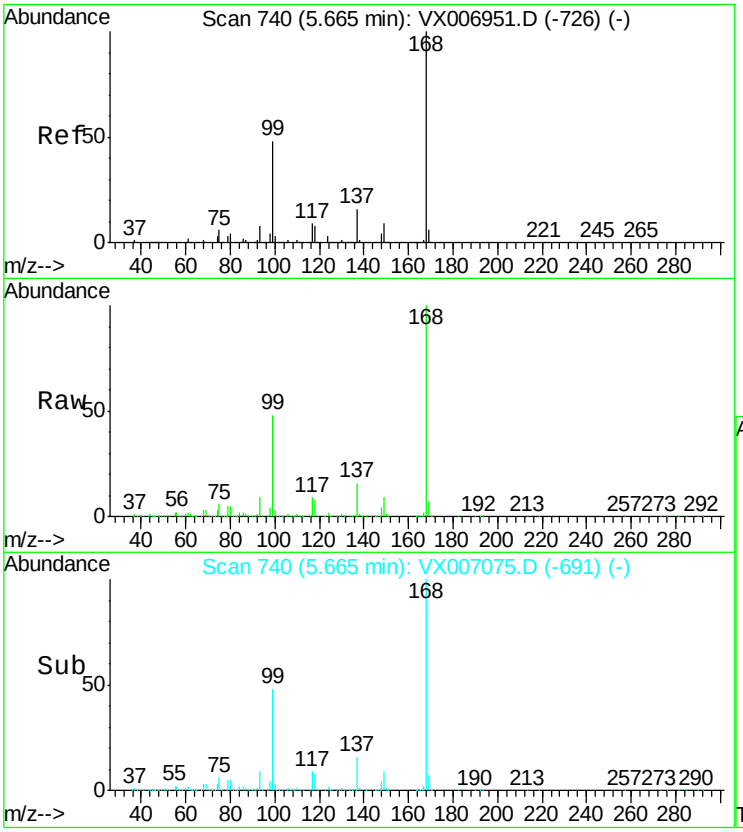
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011619\
Data File : VX007075.D
Acq On : 16 Jan 2019 14:47
Operator : JC/SP
Sample : K1010-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Quant Time: Jan 17 00:00:08 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



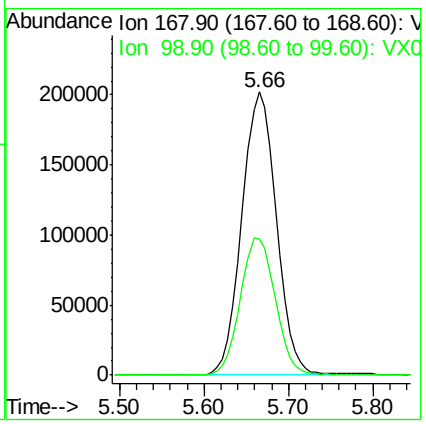


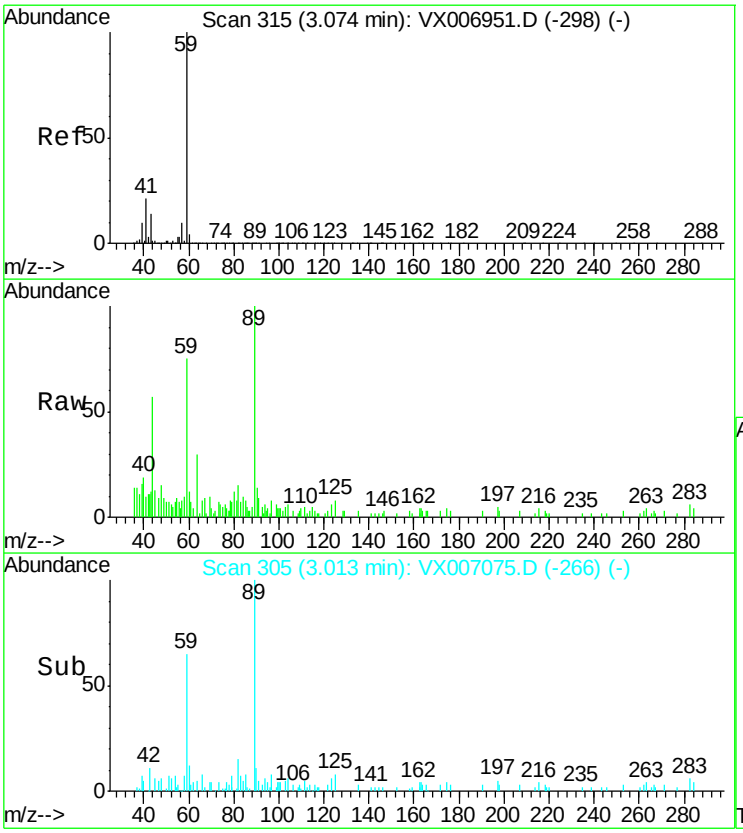
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion:168 Resp: 563143

Ion	Ratio	Lower	Upper
168	100		
99	48.2	41.8	62.8

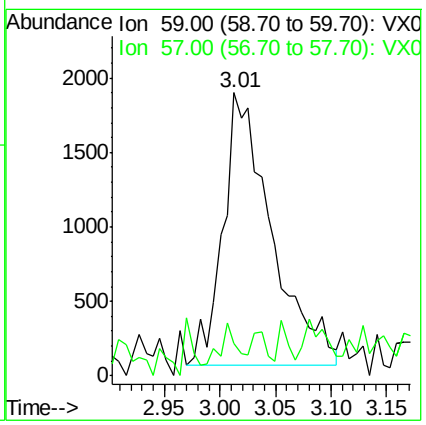


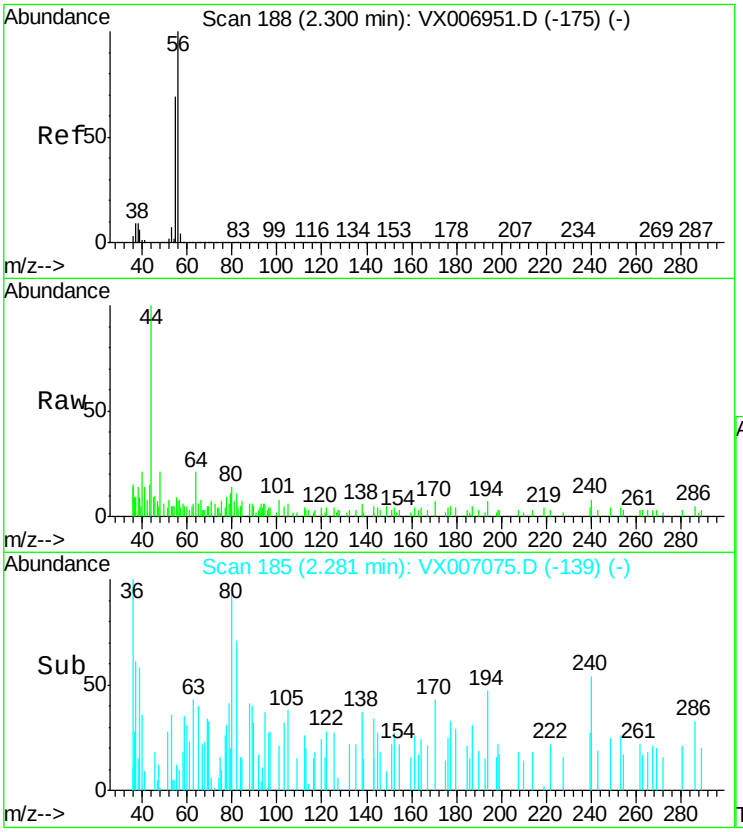


#11
Tert butyl alcohol
Concen: 4.023 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.06 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 59 Resp: 5585

Ion	Ratio	Lower	Upper
59	100		
57	5.0	8.5	12.7#



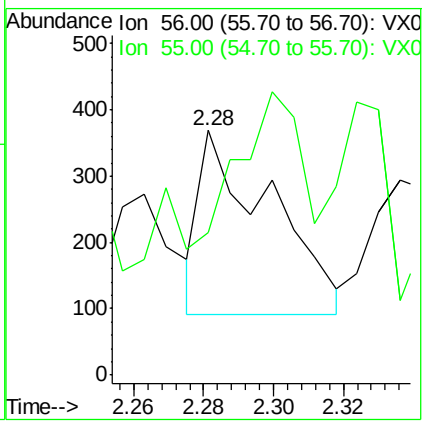


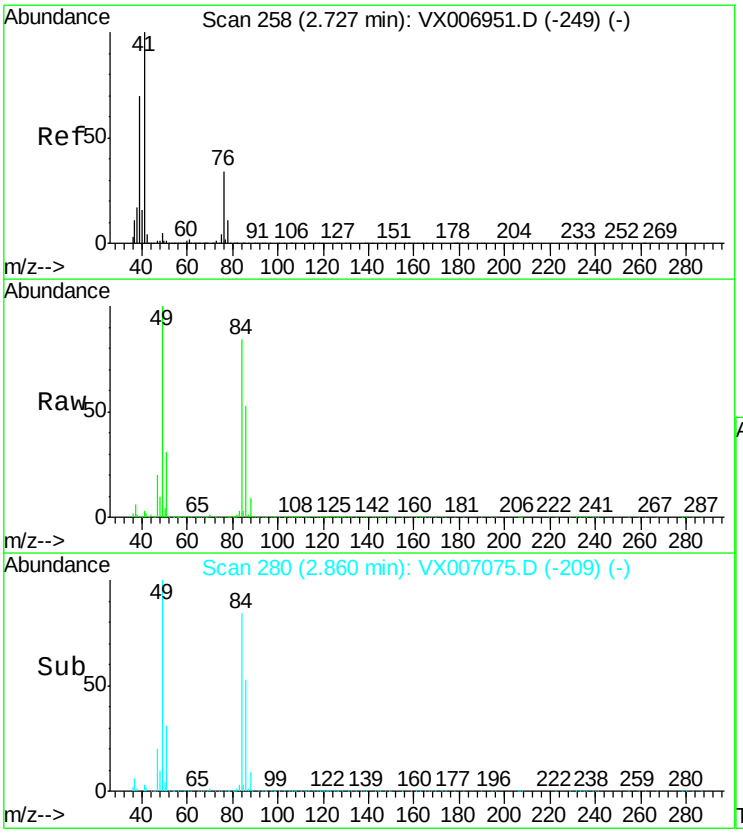
#13
Acrolein
Concen: 3.727 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.02 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion: 56 Resp: 390

Ion	Ratio	Lower	Upper
56	100		
55	72.3	58.2	87.4

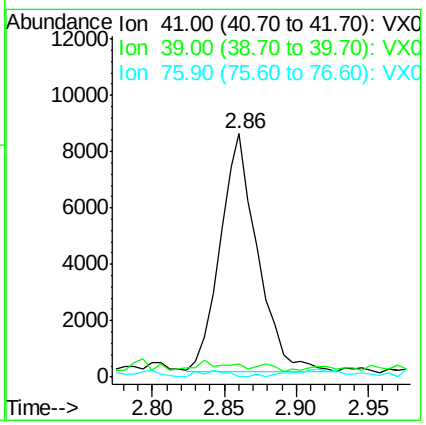


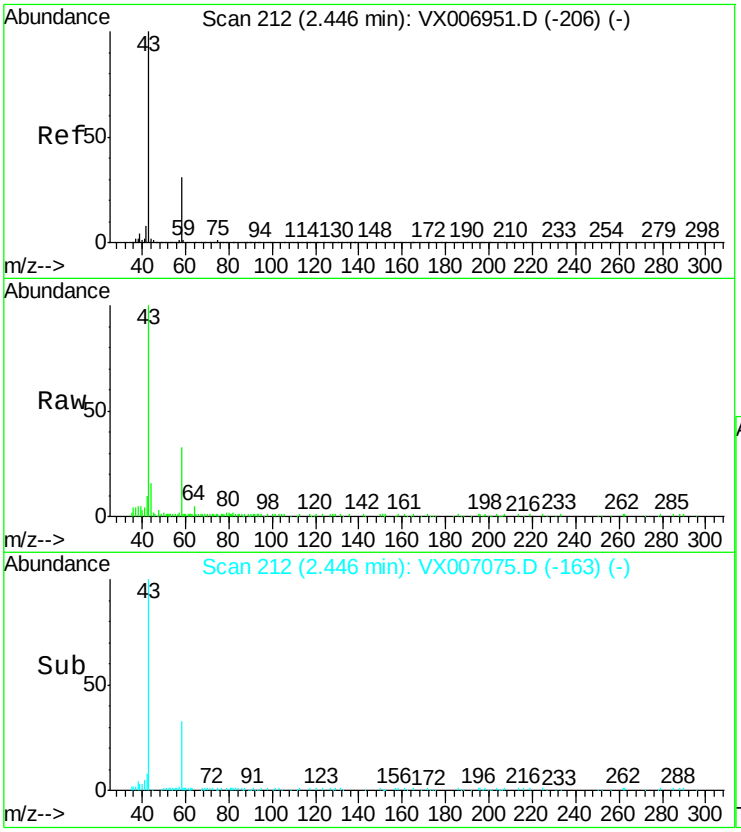


#14
Allyl chloride
Concen: 1.717 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 41 Resp: 15230

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
76	0.0	27.4	41.2#



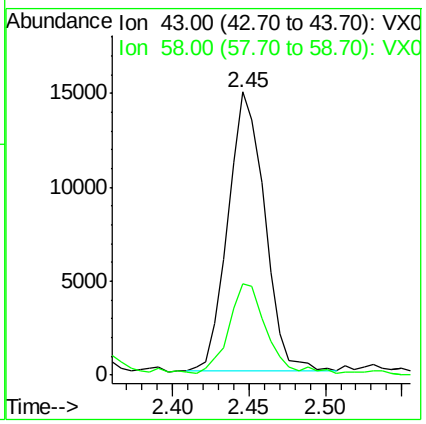


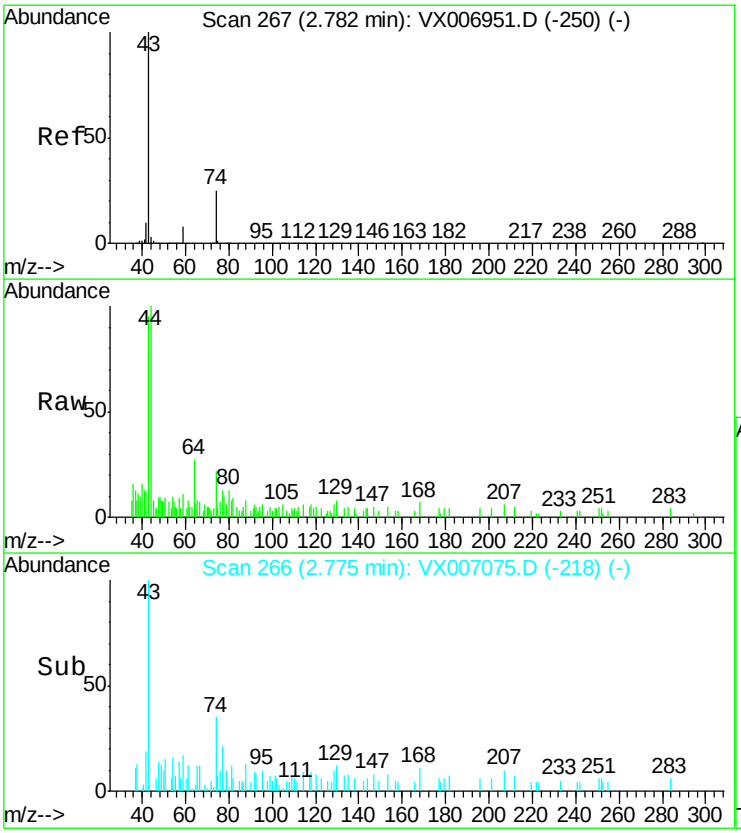
#16
Acetone
Concen: 8.529 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument : MSVOA_X
ClientSampleId : OK-01-011519-B

Tgt Ion: 43 Resp: 24814

Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.0	37.6

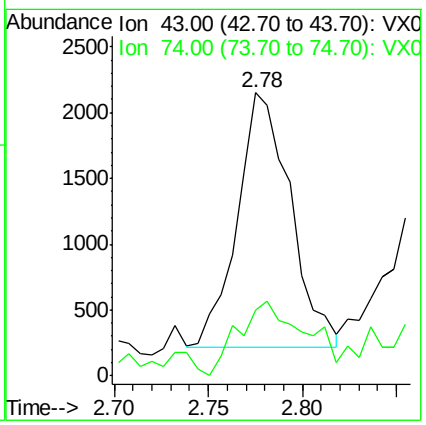


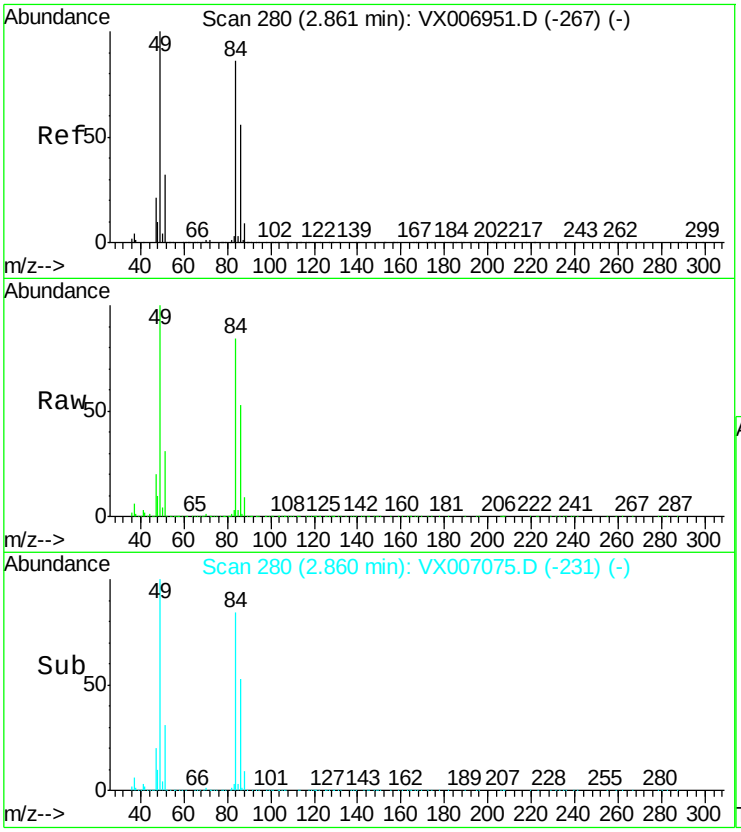


#18
Methyl Acetate
Concen: 0.448 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 43 Resp: 3777

Ion	Ratio	Lower	Upper
43	100		
74	37.2	18.6	28.0#



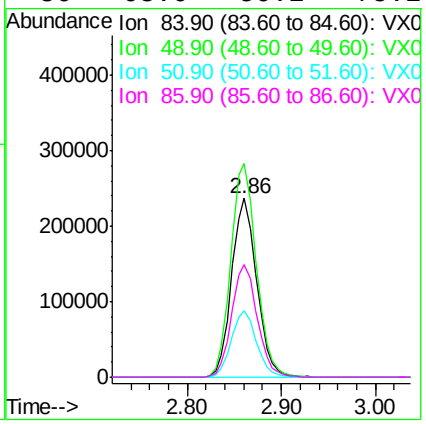


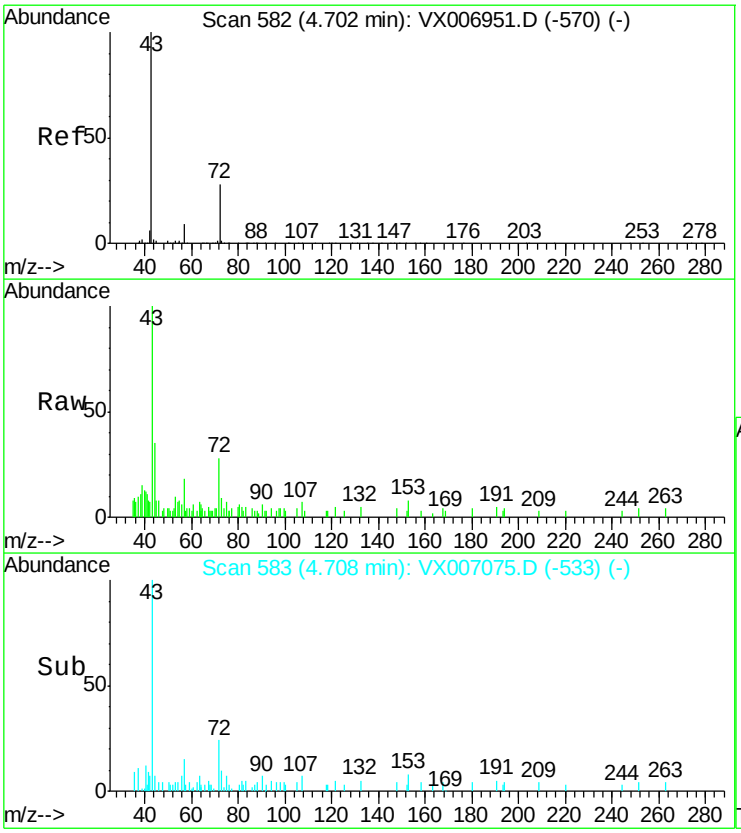
#20
Methylene Chloride
Concen: 79.774 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument : MSVOA_X
ClientSampleId : OK-01-011519-B

Tgt Ion: 84 Resp: 439596

Ion	Ratio	Lower	Upper
84	100		
49	119.2	91.8	137.6
51	37.3	28.5	42.7
86	63.0	50.2	75.2

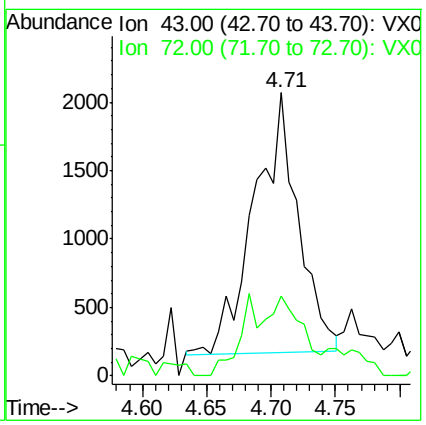


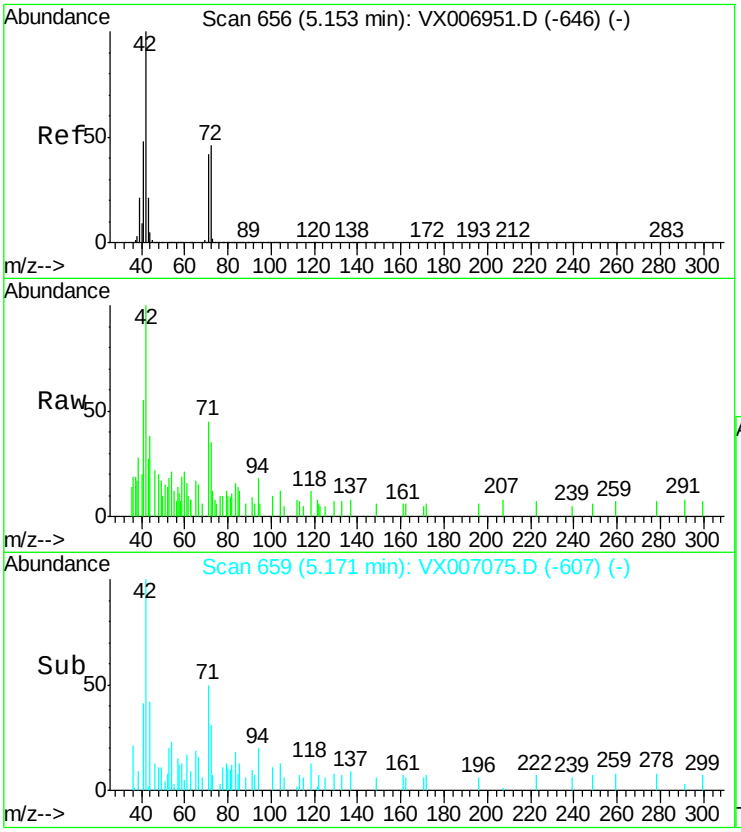


#25
2-Butanone
Concen: 1.073 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 43 Resp: 4466

Ion	Ratio	Lower	Upper
43	100		
72	26.3	22.4	33.6



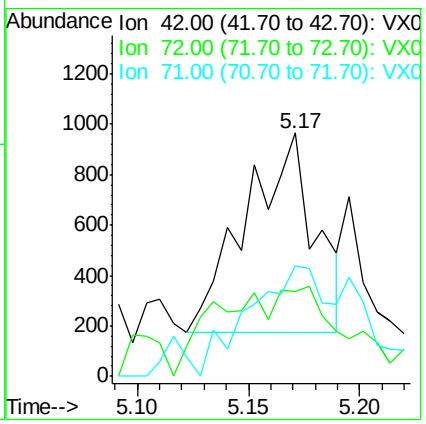


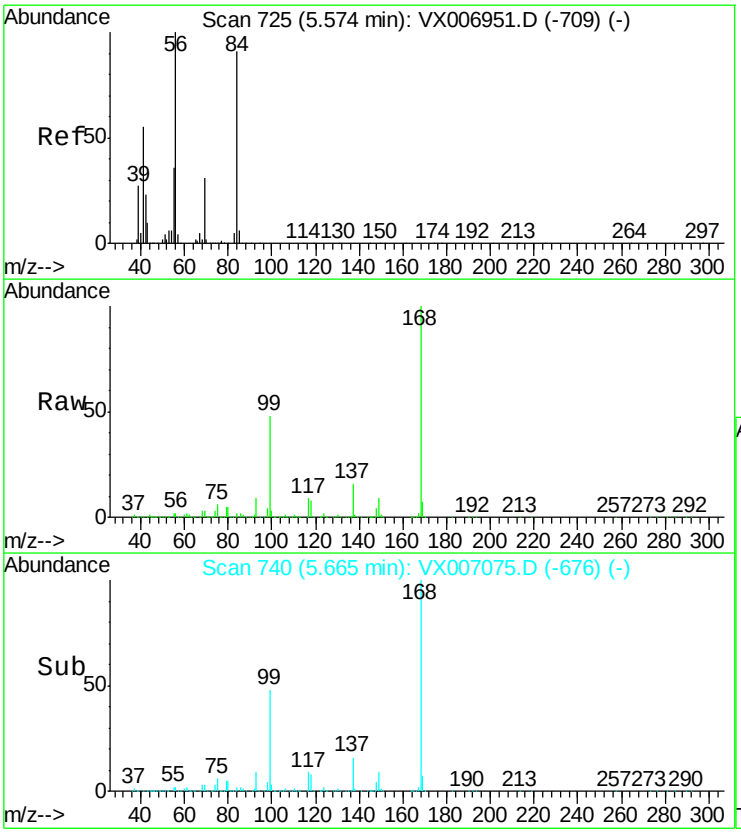
#29
Tetrahydrofuran
Concen: 0.629 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion: 42 Resp: 1702

Ion	Ratio	Lower	Upper
42	100		
72	33.0	38.9	58.3#
71	63.1	36.2	54.4#

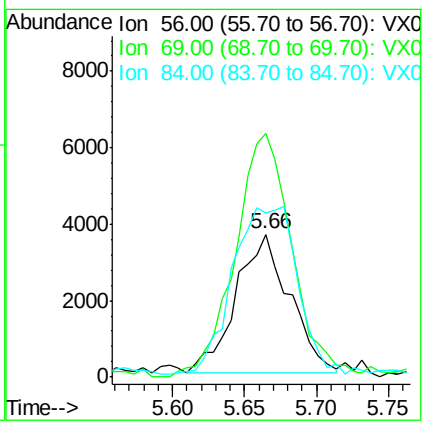


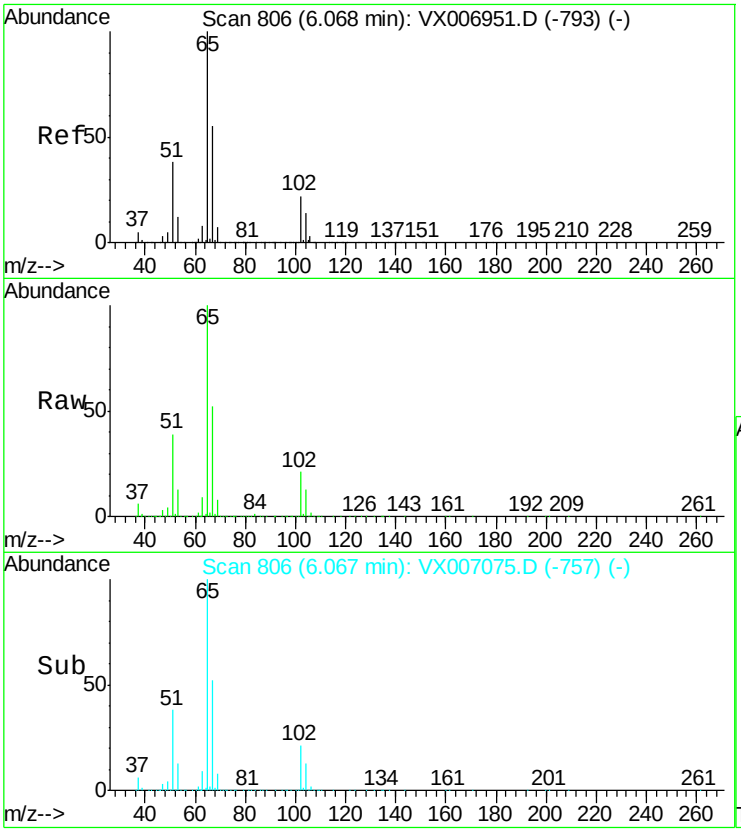


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 56 Resp: 9469

Ion	Ratio	Lower	Upper
56	100		
69	168.7	24.4	36.6#
84	114.0	70.0	105.0#



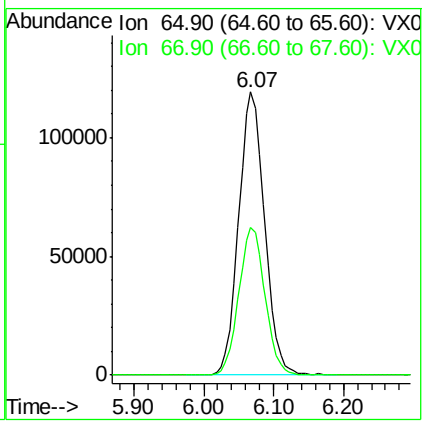


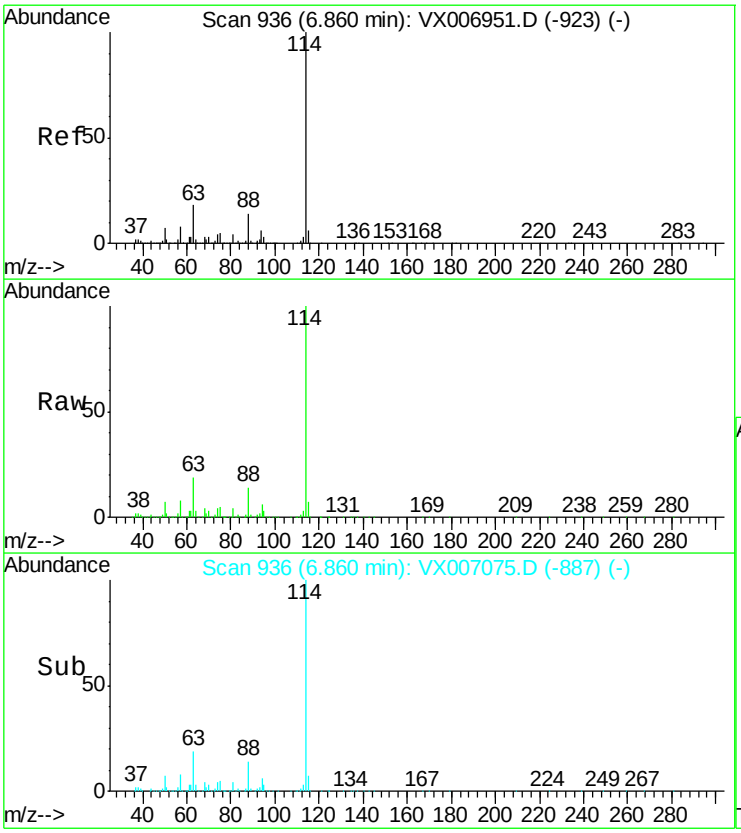
#33
1,2-Dichloroethane-d4
Concen: 52.171 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion: 65 Resp: 307045

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0

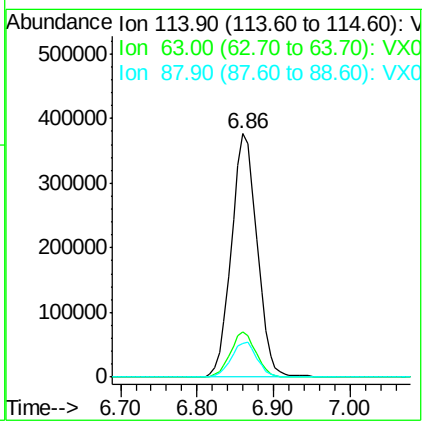


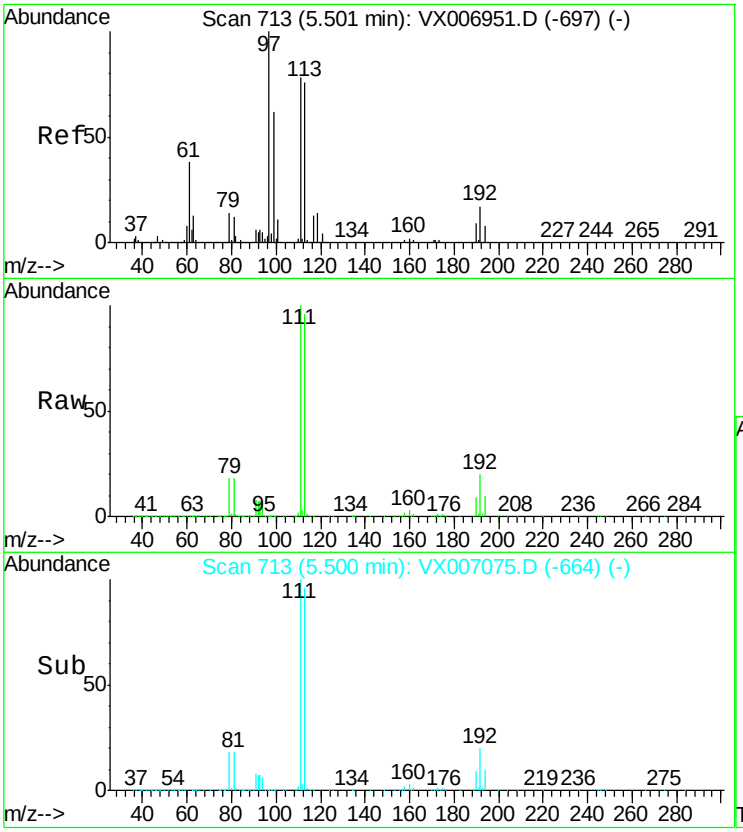


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion:114 Resp: 877465

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.8
88	13.8	0.0	28.8



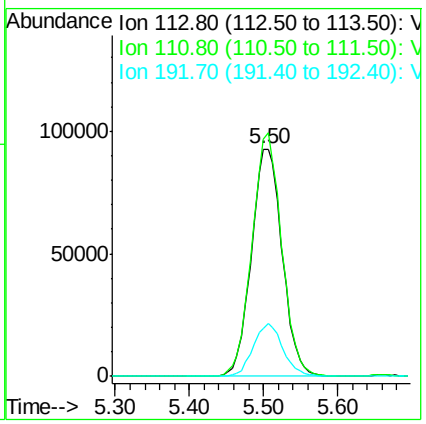


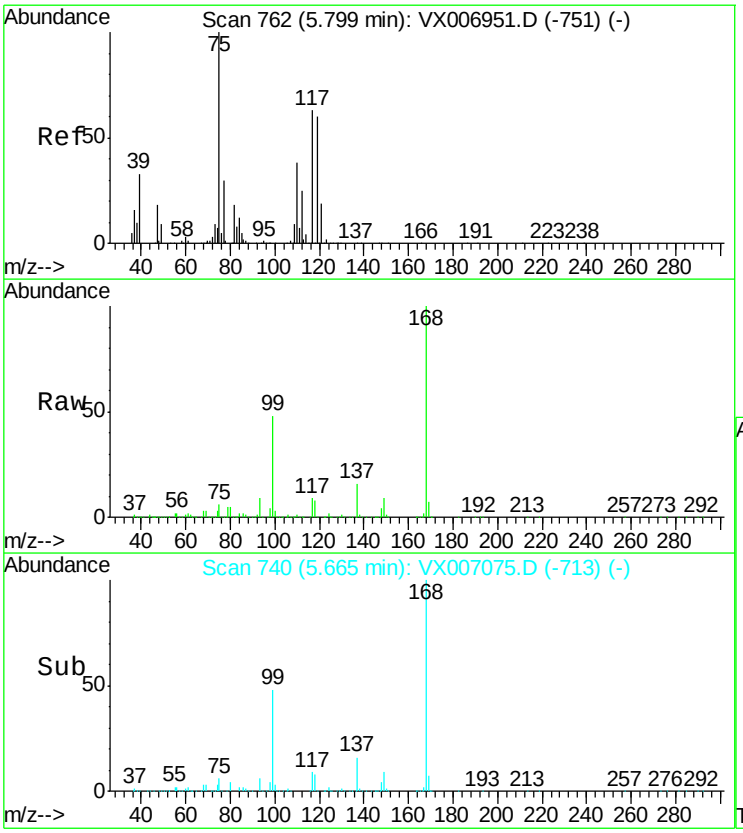
#35
Dibromofluoromethane
Concen: 47.891 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion:113 Resp: 269112

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	22.4	16.7	25.1

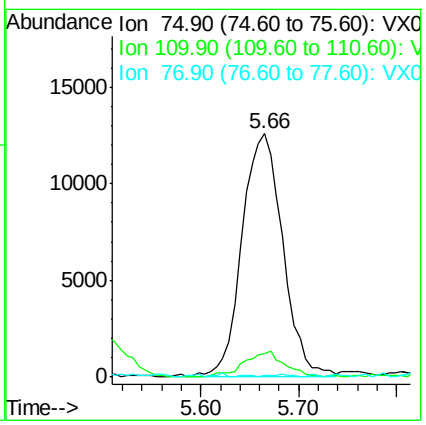


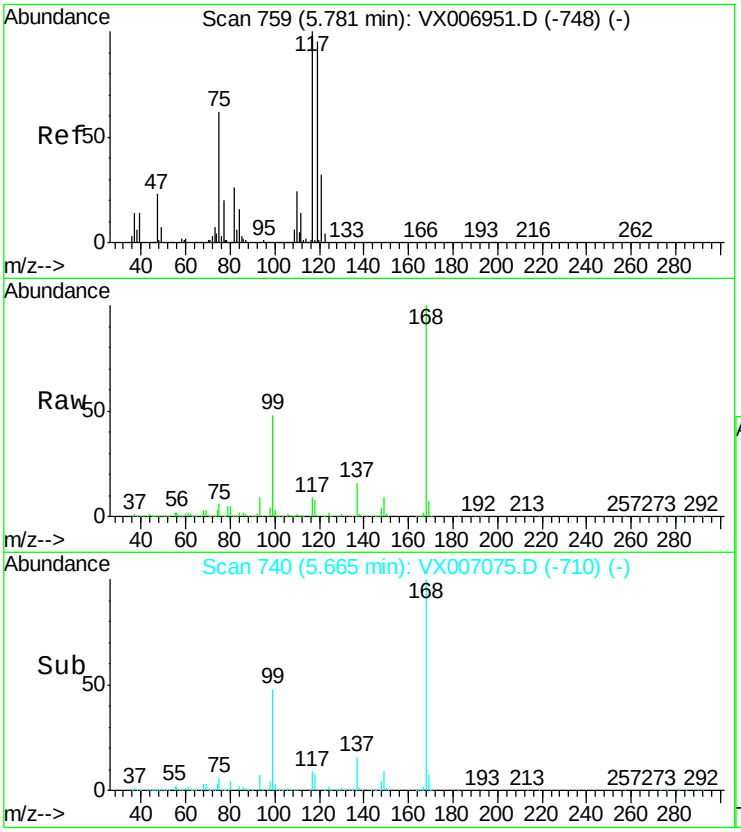


#36
1,1-Dichloropropene
Concen: 4.809 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 75 Resp: 36685

Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.2	60.5#
77	0.3	24.8	37.2#



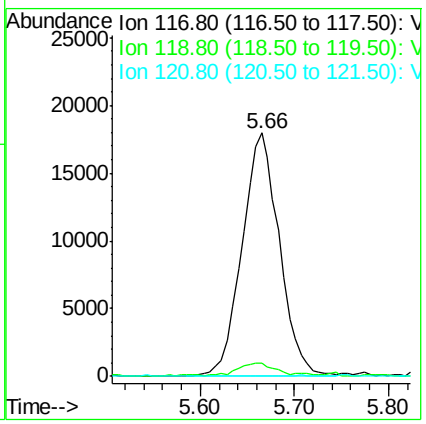


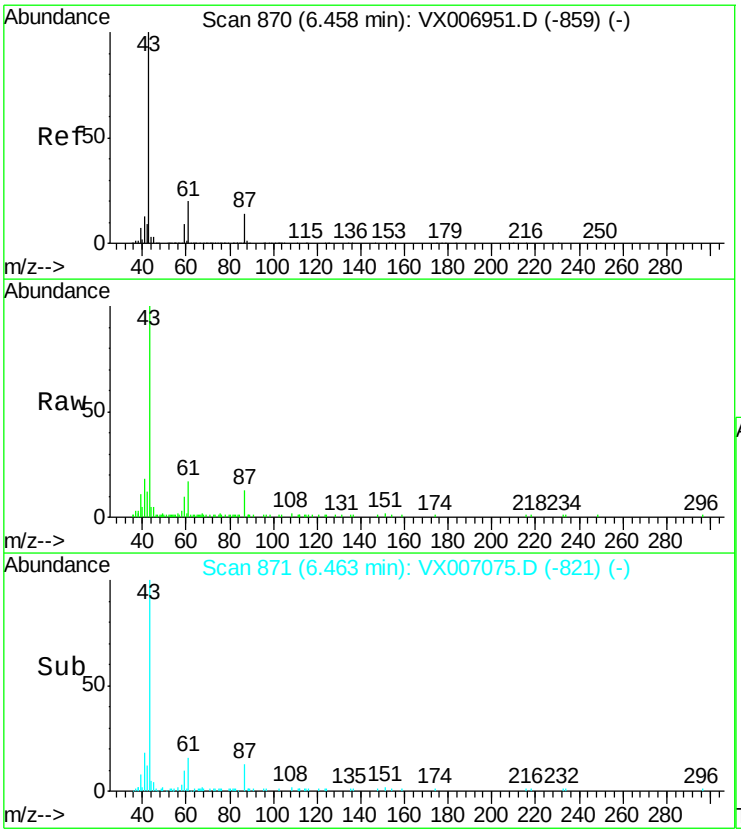
#38
Carbon Tetrachloride
Concen: 6.500 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument : MSVOA_X
ClientSampleId : OK-01-011519-B

Tgt Ion:117 Resp: 49893

Ion	Ratio	Lower	Upper
117	100		
119	4.6	79.4	119.2#
121	0.0	24.0	36.0#

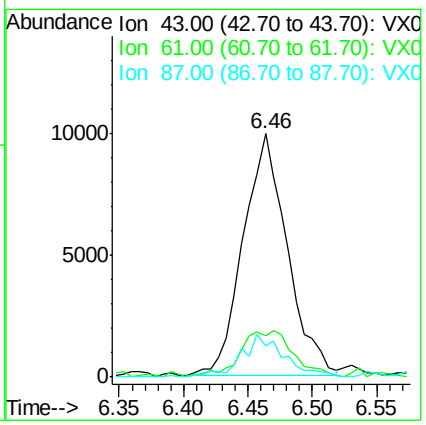


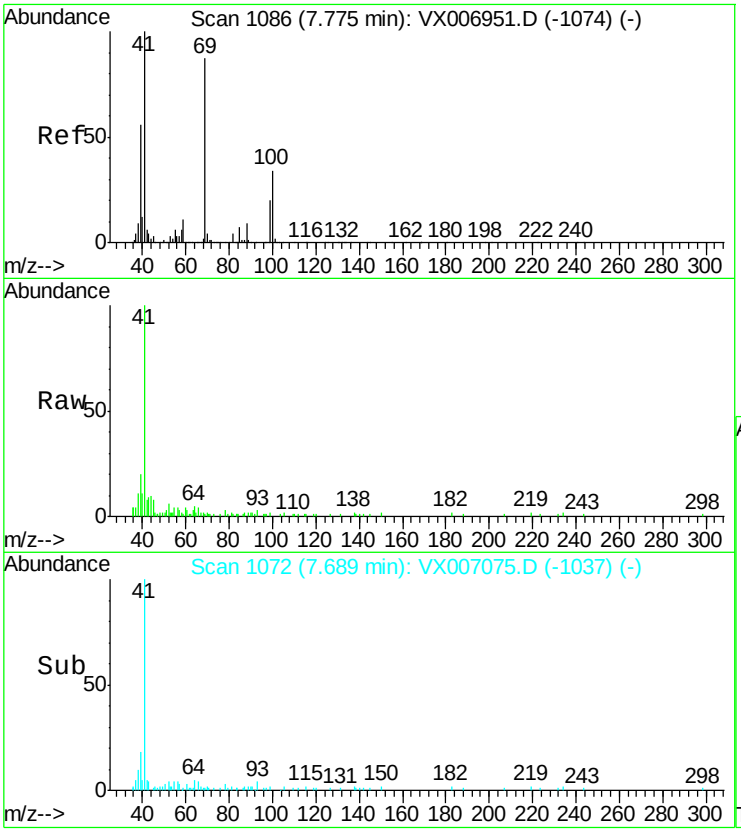


#43
Isopropyl Acetate
Concen: 1.835 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 43 Resp: 23670

Ion	Ratio	Lower	Upper
43	100		
61	23.4	16.8	25.2
87	17.3	12.4	18.6



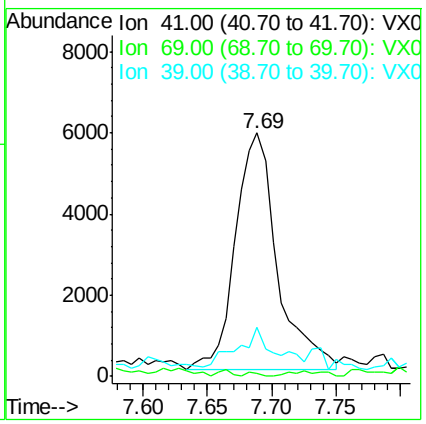


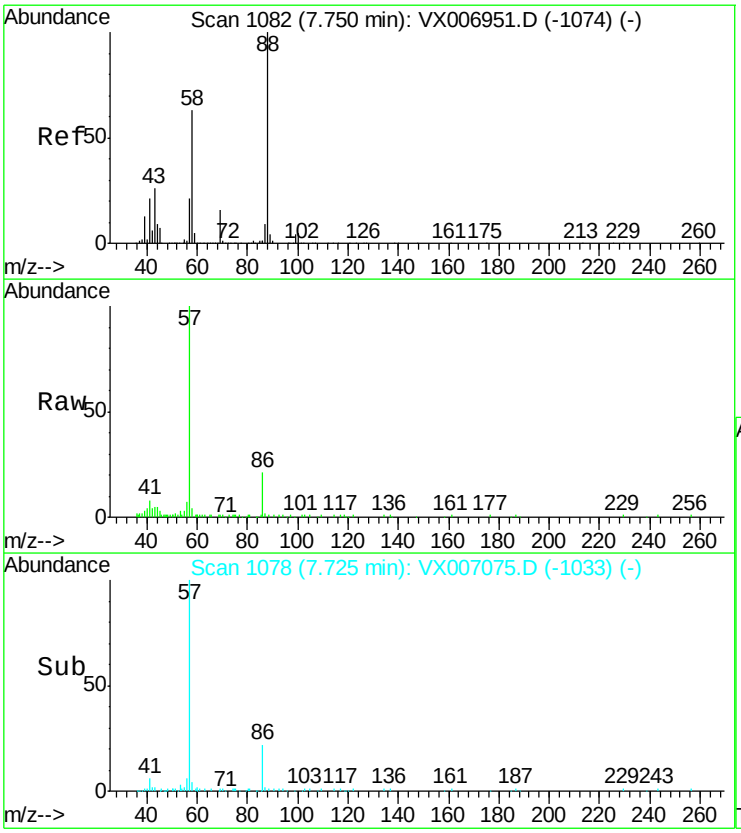
#48
Methyl methacrylate
Concen: 1.973 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument : MSVOA_X
ClientSampleId : OK-01-011519-B

Tgt Ion: 41 Resp: 13069

Ion	Ratio	Lower	Upper
41	100		
69	0.5	72.4	108.6#
39	0.0	45.8	68.8#

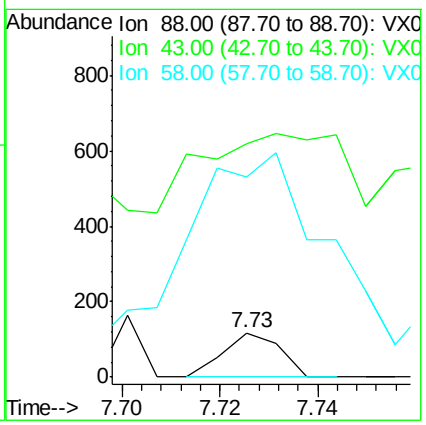


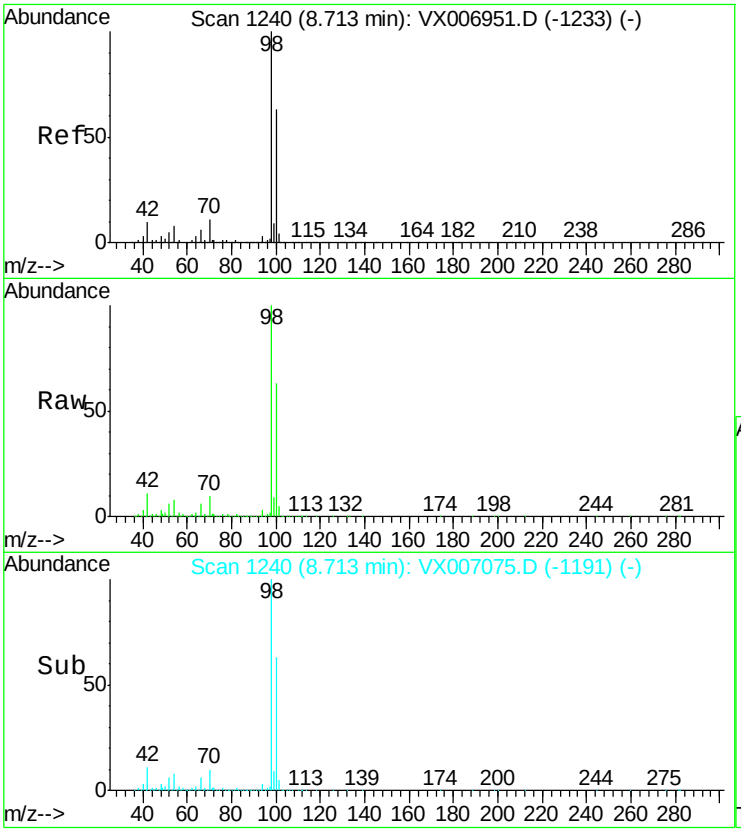


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.73 min Scan# 1078
Delta R.T. -0.02 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 88 Resp: 94

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	1137.2	51.0	76.4#



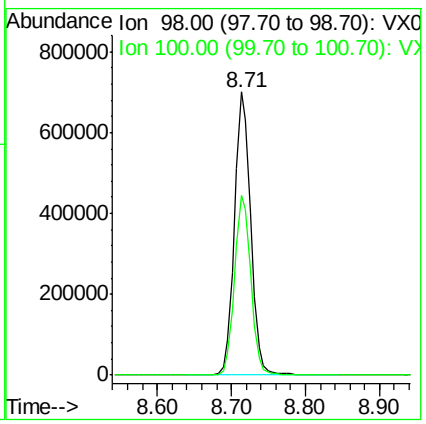


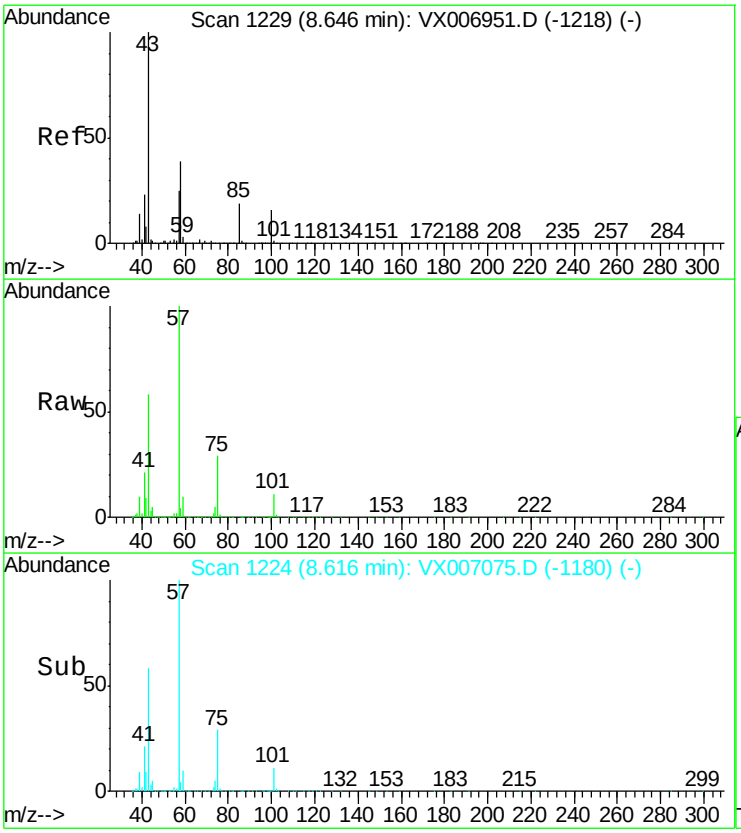
#50
Toluene-d8
Concen: 52.251 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion: 98 Resp: 1074714

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0

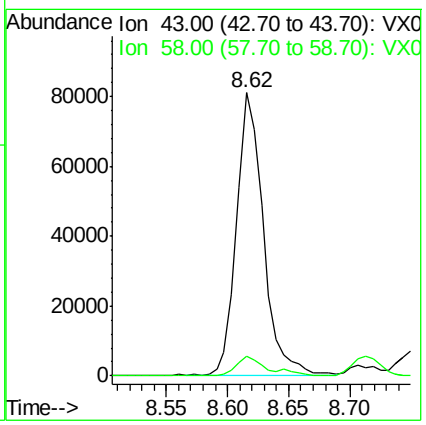


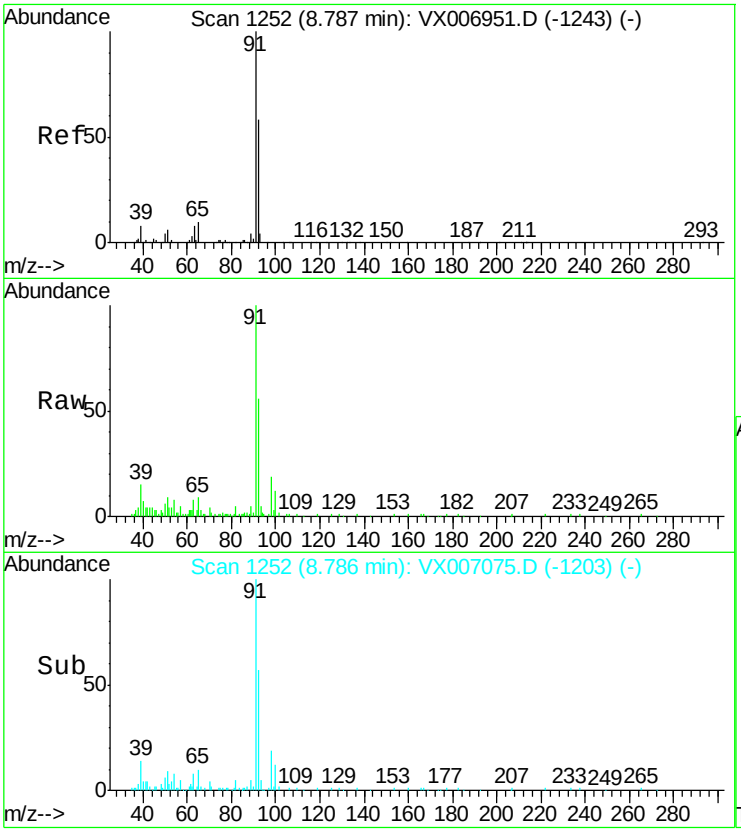


#51
4-Methyl-2-Pentanone
Concen: 14.878 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 43 Resp: 123349

Ion	Ratio	Lower	Upper
43	100		
58	7.7	31.8	47.6#



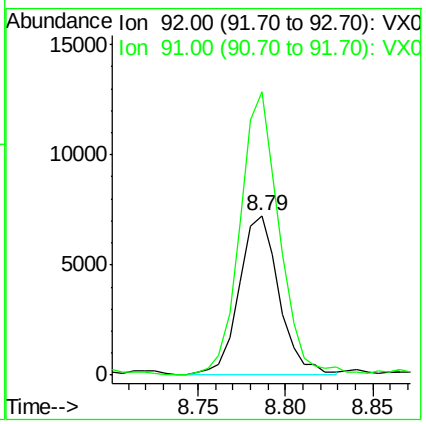


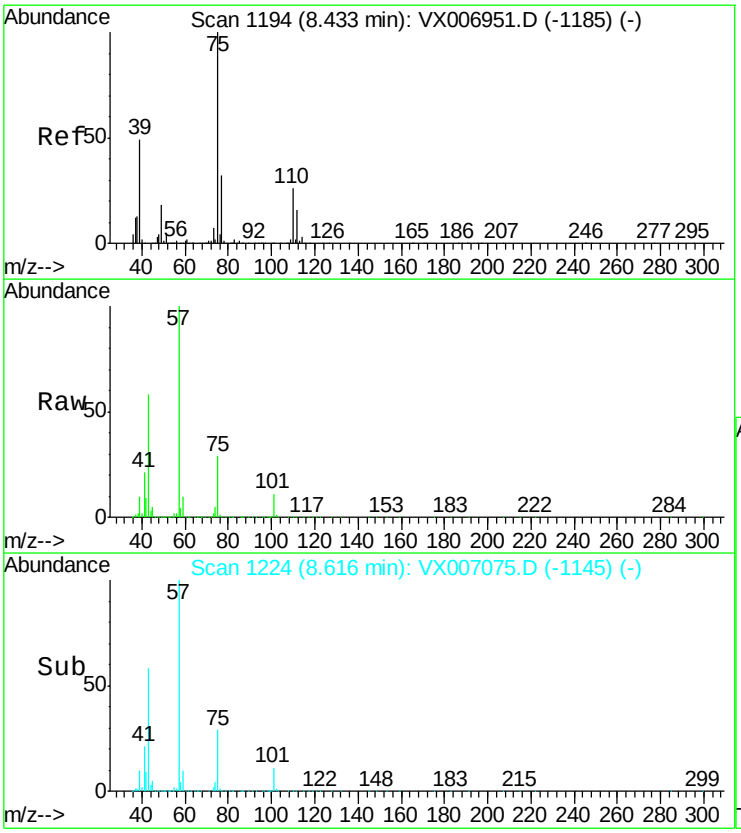
#52
Toluene
Concen: 0.773 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion: 92 Resp: 11560

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.6	206.4

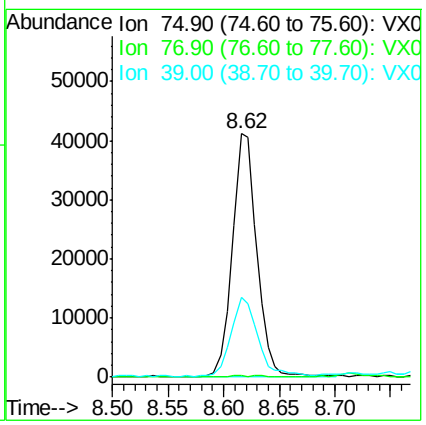


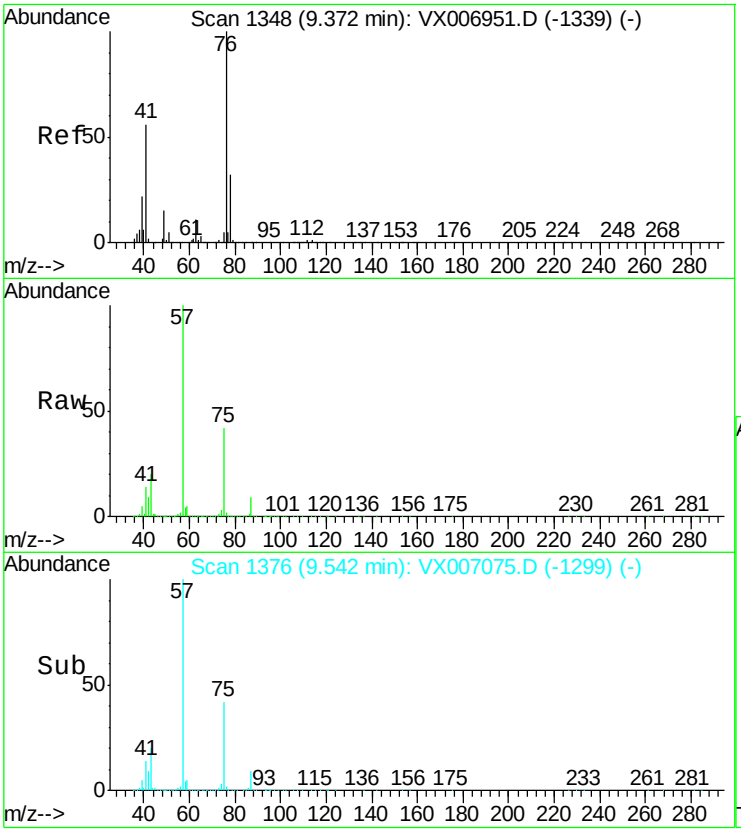


#54
cis-1,3-Dichloropropene
Concen: 7.307 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 75 Resp: 62640

Ion	Ratio	Lower	Upper
75	100		
77	0.2	26.2	39.2#
39	32.5	36.7	55.1#



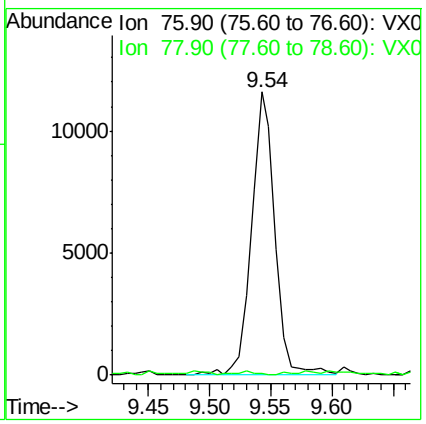


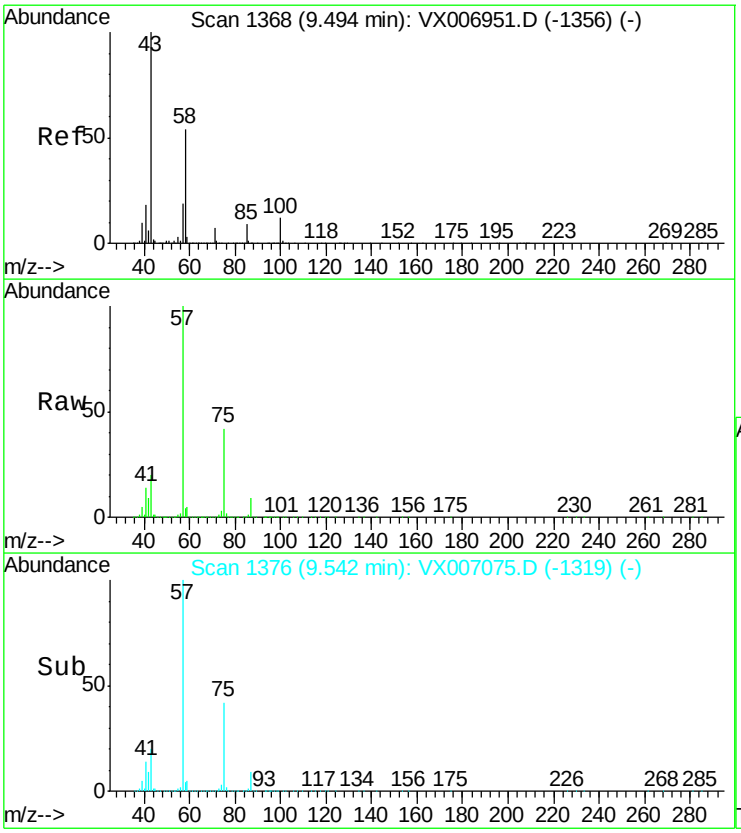
#57
1,3-Dichloropropane
Concen: 1.587 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion: 76 Resp: 15574

Ion	Ratio	Lower	Upper
76	100		
78	1.3	26.0	39.0#

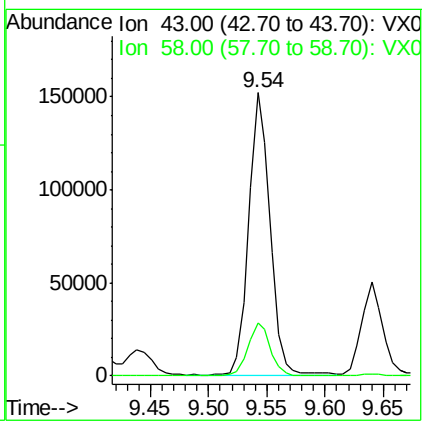


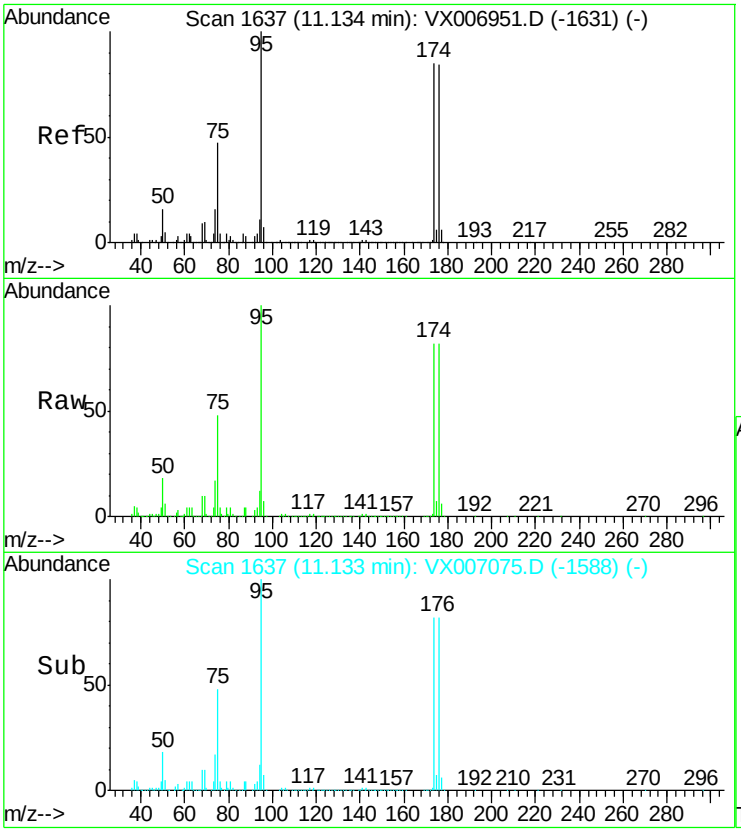


#59
2-Hexanone
Concen: 30.853 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion: 43 Resp: 194933

Ion	Ratio	Lower	Upper
43	100		
58	20.1	27.7	83.1#



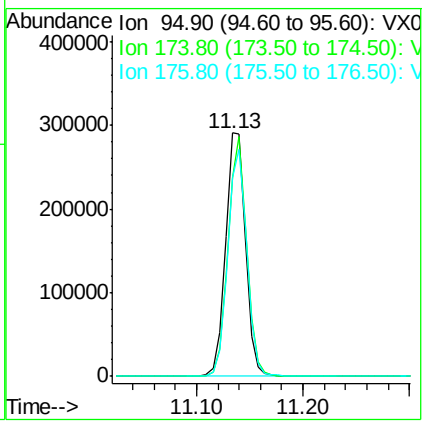


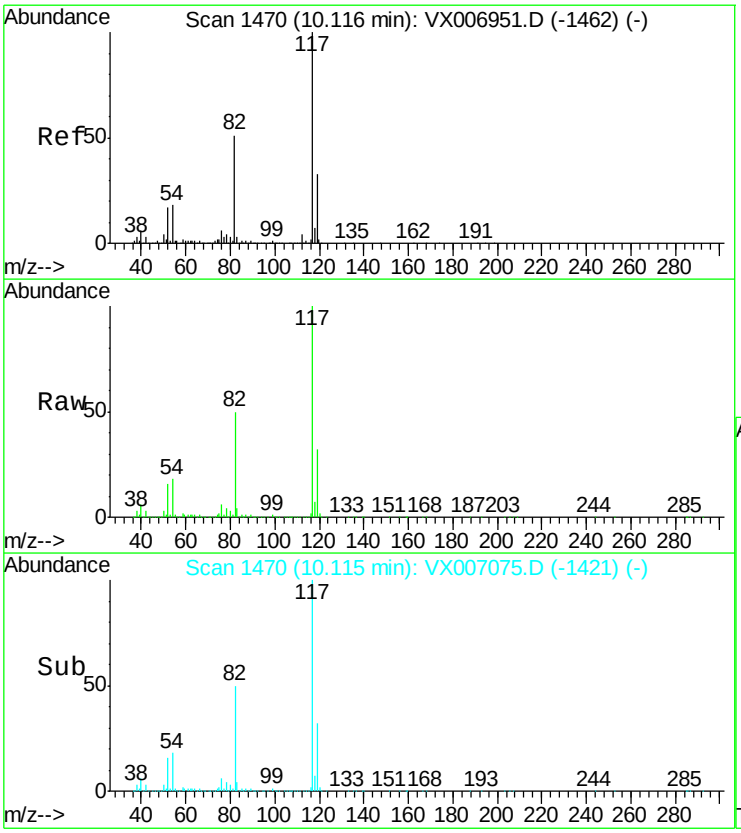
#62
4-Bromofluorobenzene
Concen: 53.340 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion: 95 Resp: 382475

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	182.2
176	89.4	0.0	178.8

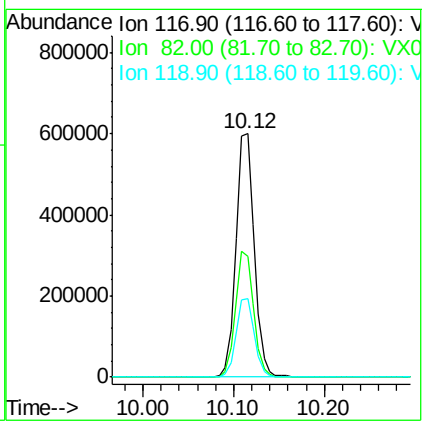


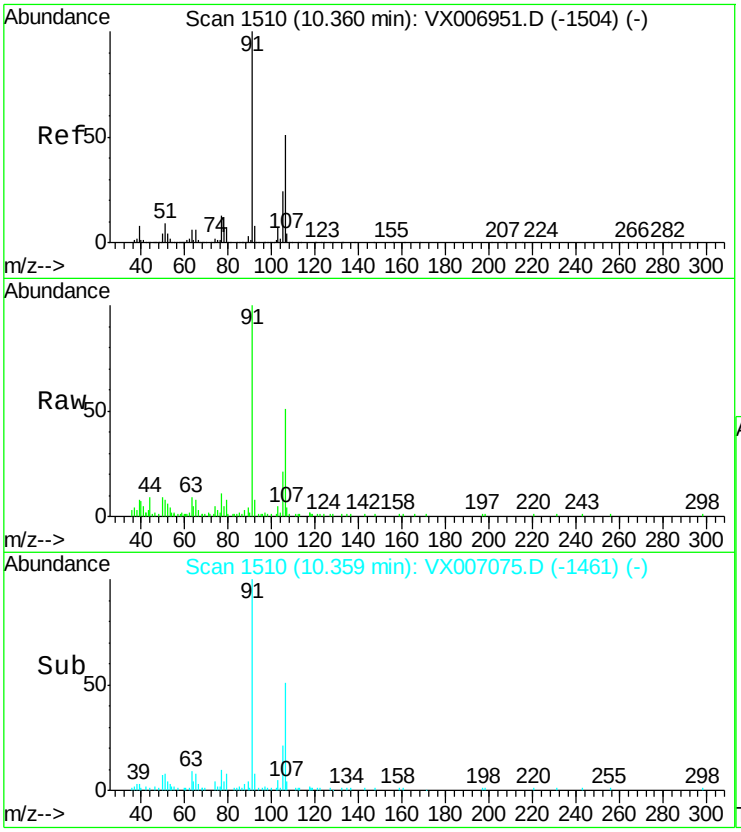


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion:117 Resp: 840533

Ion	Ratio	Lower	Upper
117	100		
82	49.6	41.0	61.6
119	32.3	25.4	38.0



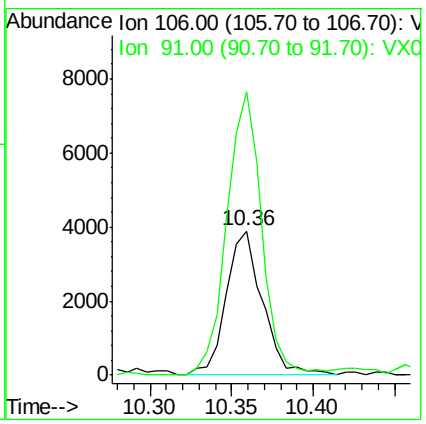


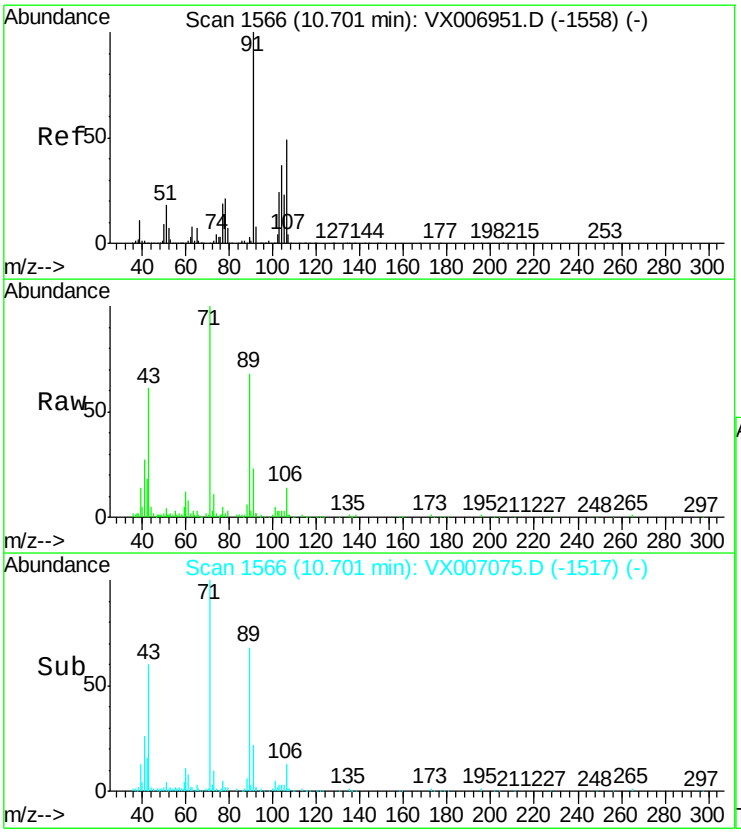
#68
m/p-Xylenes
Concen: 0.508 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion:106 Resp: 6061

Ion	Ratio	Lower	Upper
106	100		
91	188.1	155.8	233.6

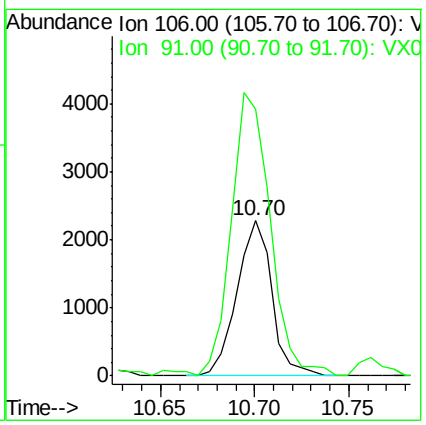


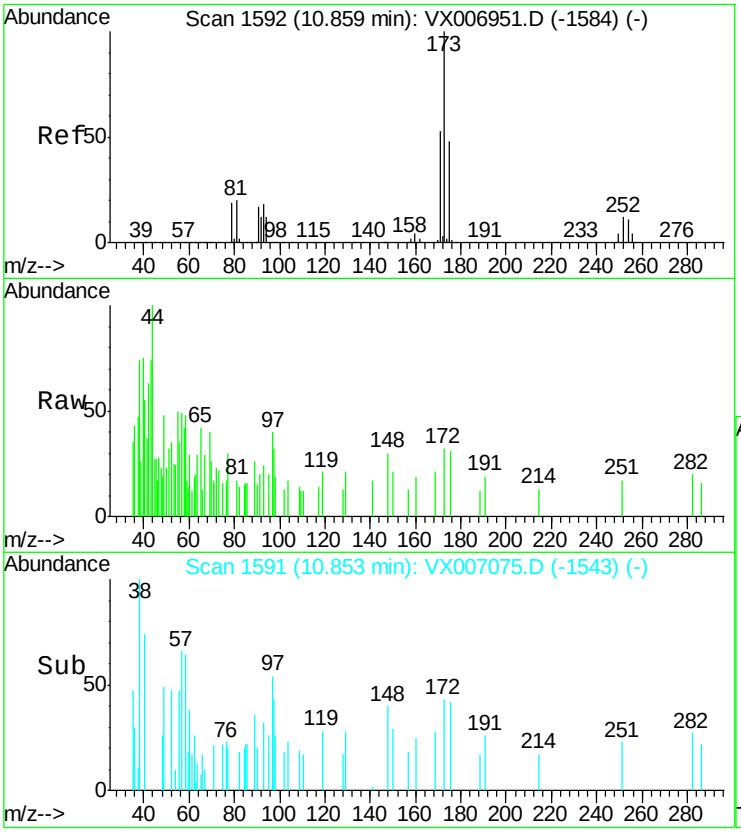


#69
o-Xylene
Concen: 0.251 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion:106 Resp: 2924

Ion	Ratio	Lower	Upper
106	100		
91	206.1	101.3	303.7



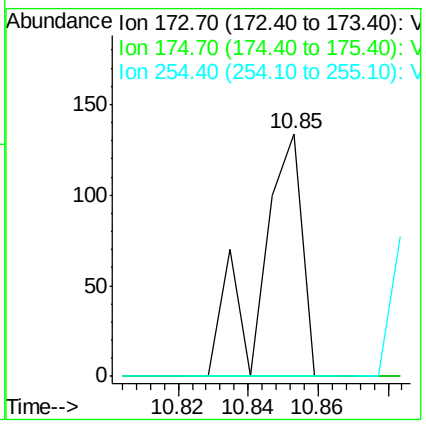


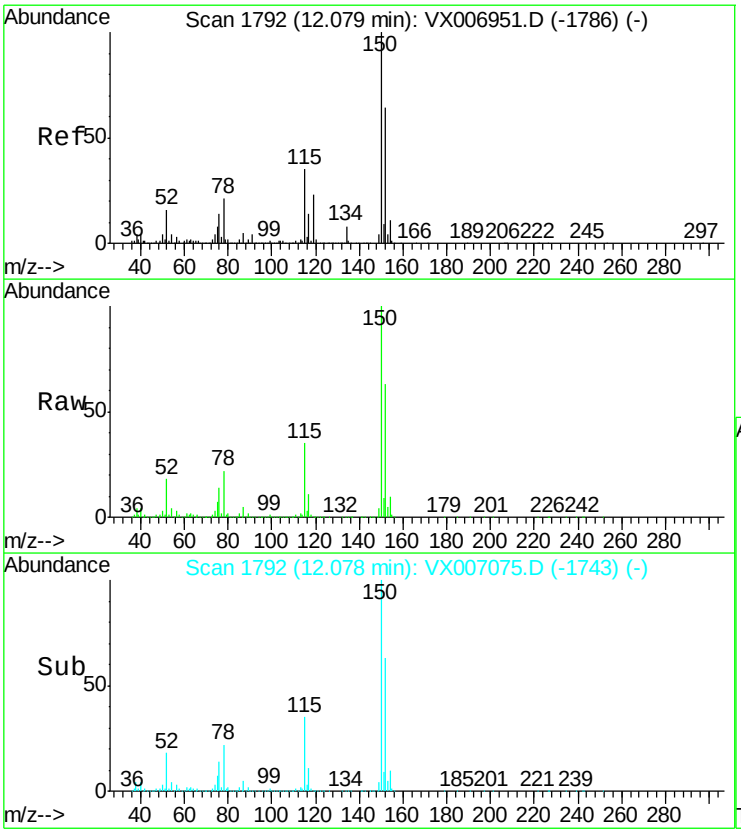
#71
Bromoform
Concen: 4.746 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument : MSVOA_X
ClientSampleId : OK-01-011519-B

Tgt Ion:173 Resp: 111

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#

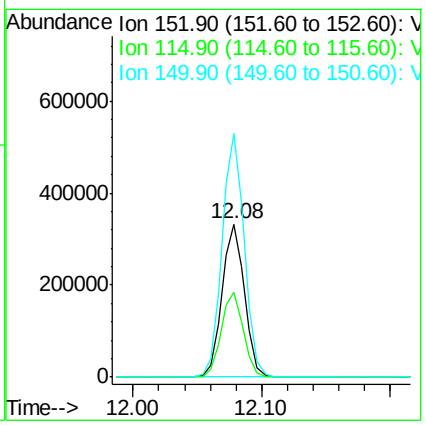


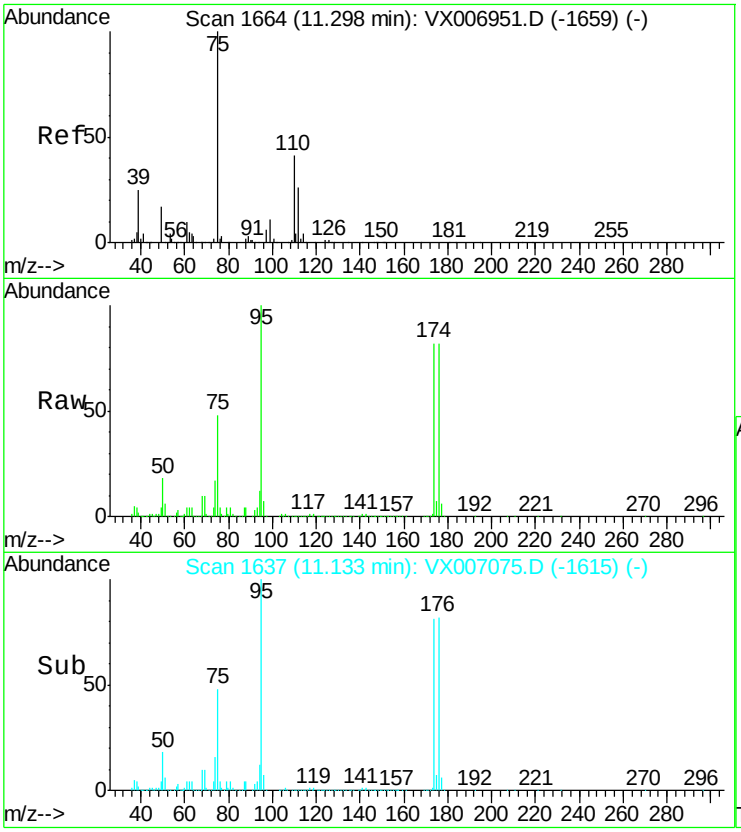


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion:152 Resp: 406597

Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.1	117.2
150	158.0	0.0	344.8



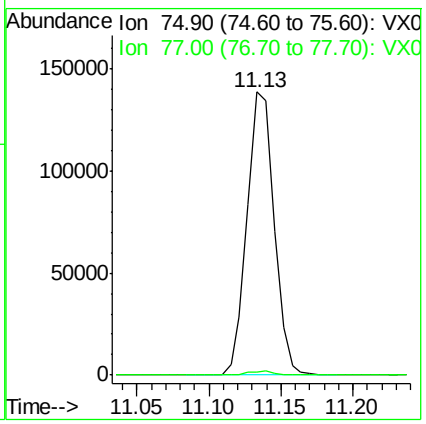


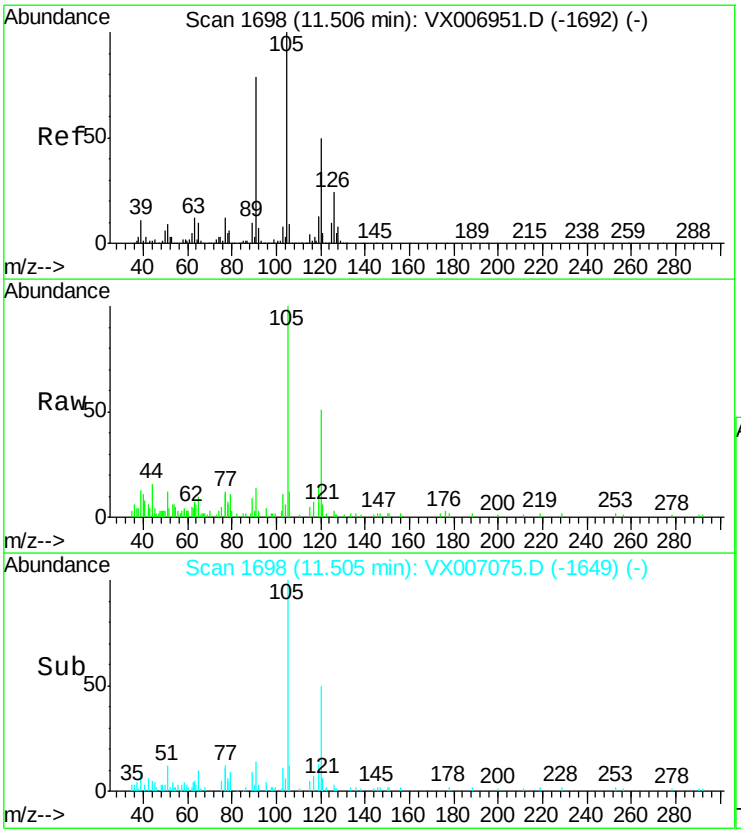
#76
1,2,3-Trichloropropane
Concen: 21.874 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.17 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion: 75 Resp: 180228

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#

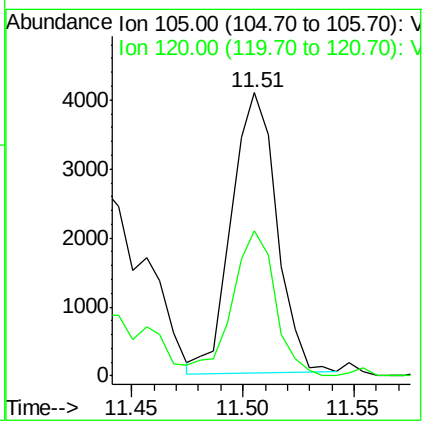


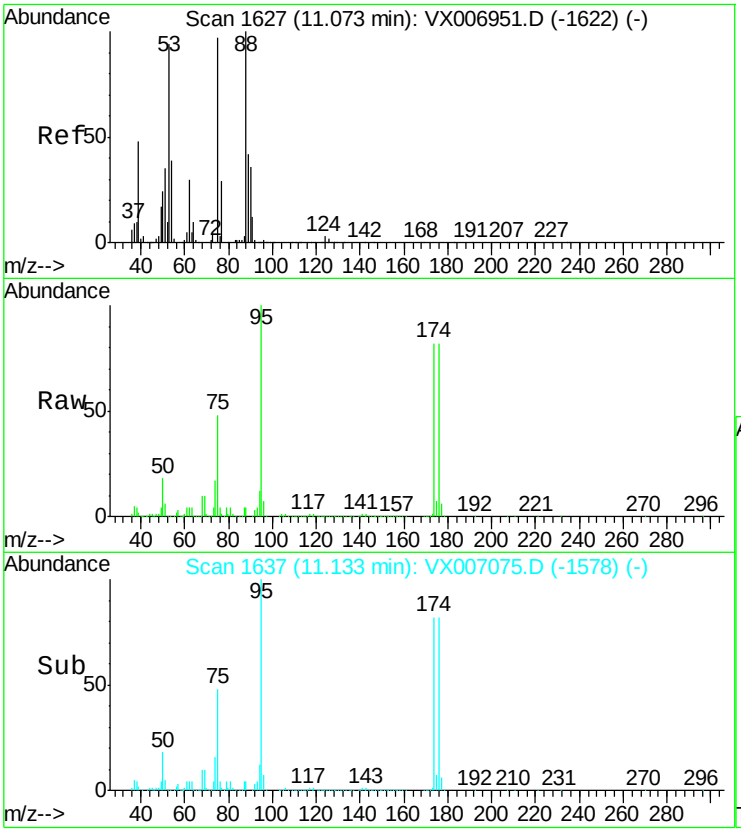


#80
1,3,5-Trimethylbenzene
Concen: 0.239 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion:105 Resp: 5727

Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.1	75.3



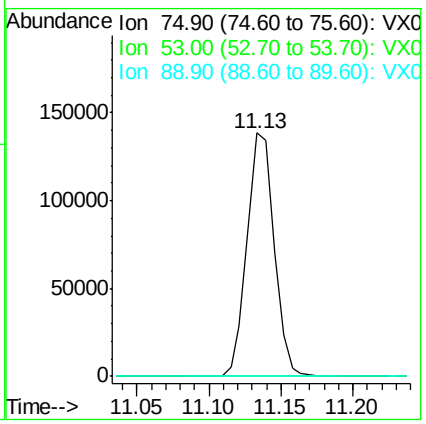


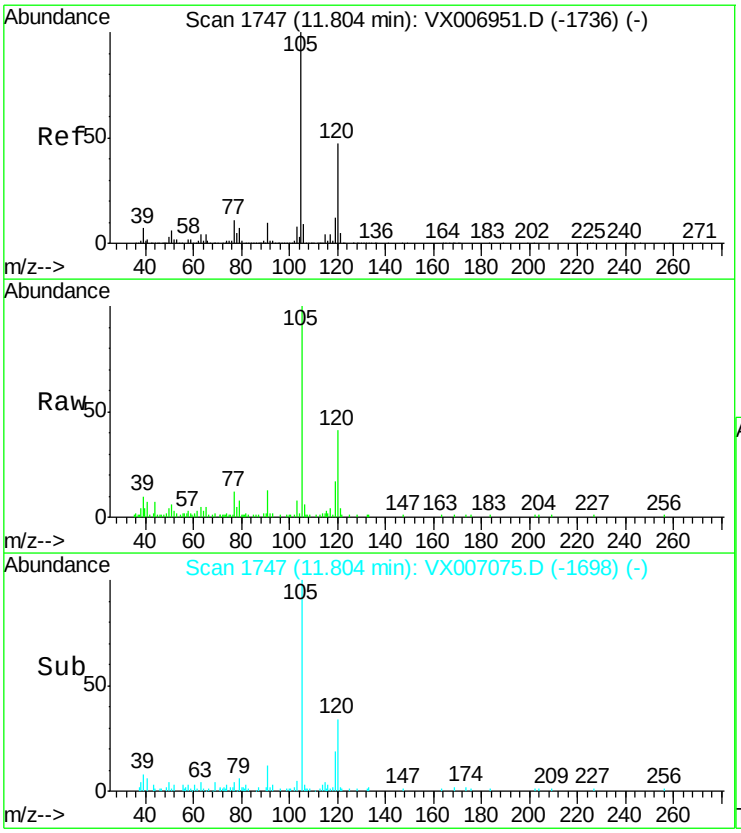
#81
trans-1,4-Dichloro-2-butene
Concen: 64.800 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion: 75 Resp: 180228

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.7	119.5#
89	0.0	38.0	57.0#

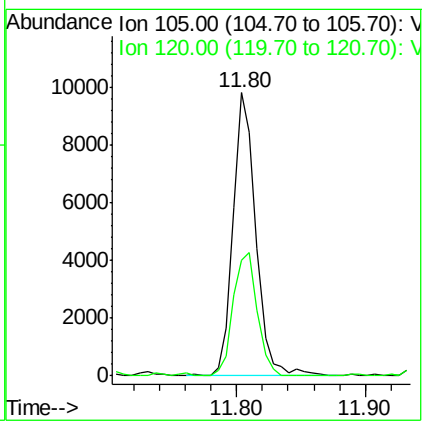


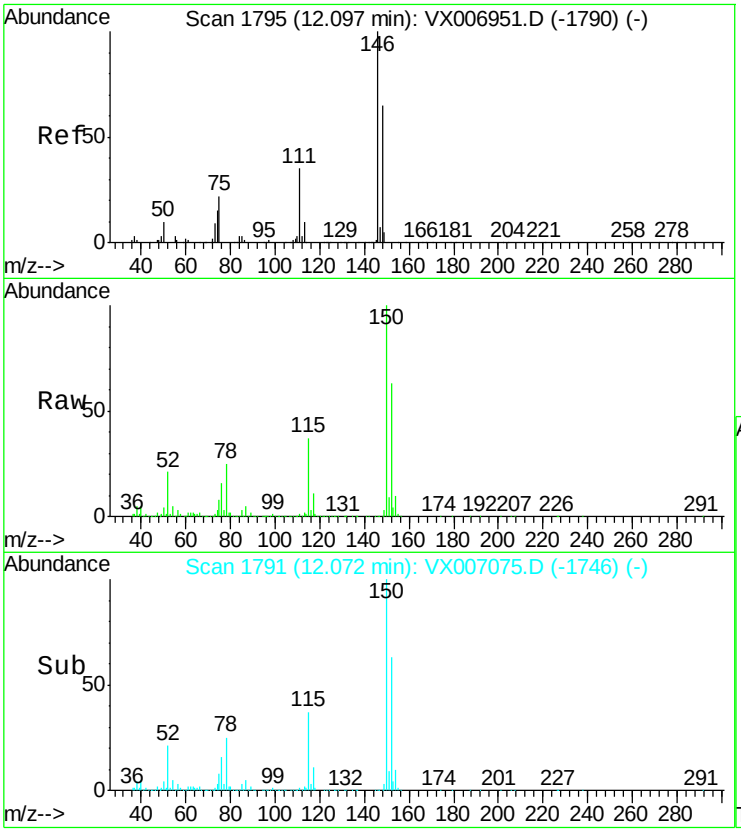


#84
1,2,4-Trimethylbenzene
Concen: 0.504 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion:105 Resp: 12141

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.6



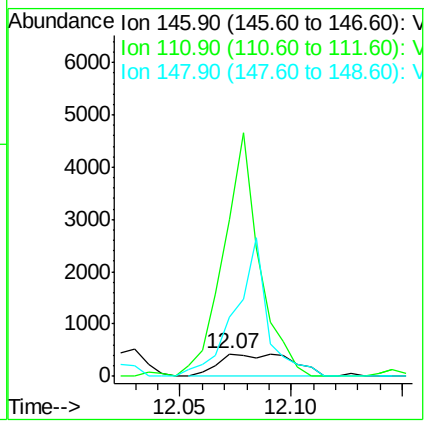


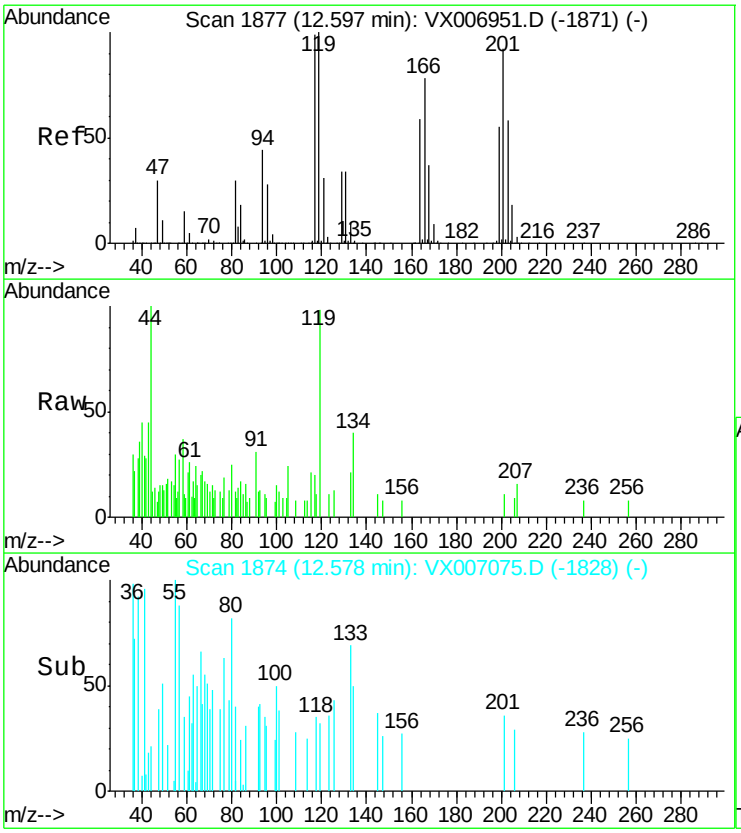
#88
1,4-Dichlorobenzene
Concen: 0.217 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.02 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion:146 Resp: 979

Ion	Ratio	Lower	Upper
146	100		
111	537.7	18.1	54.1#
148	277.4	31.9	95.9#

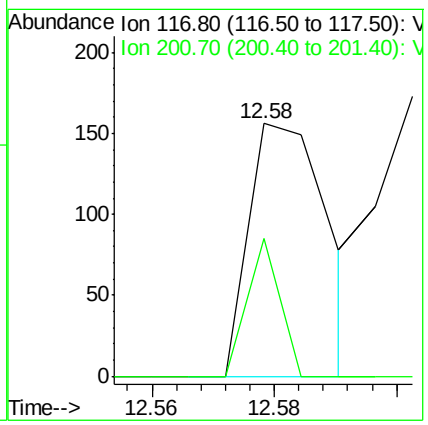


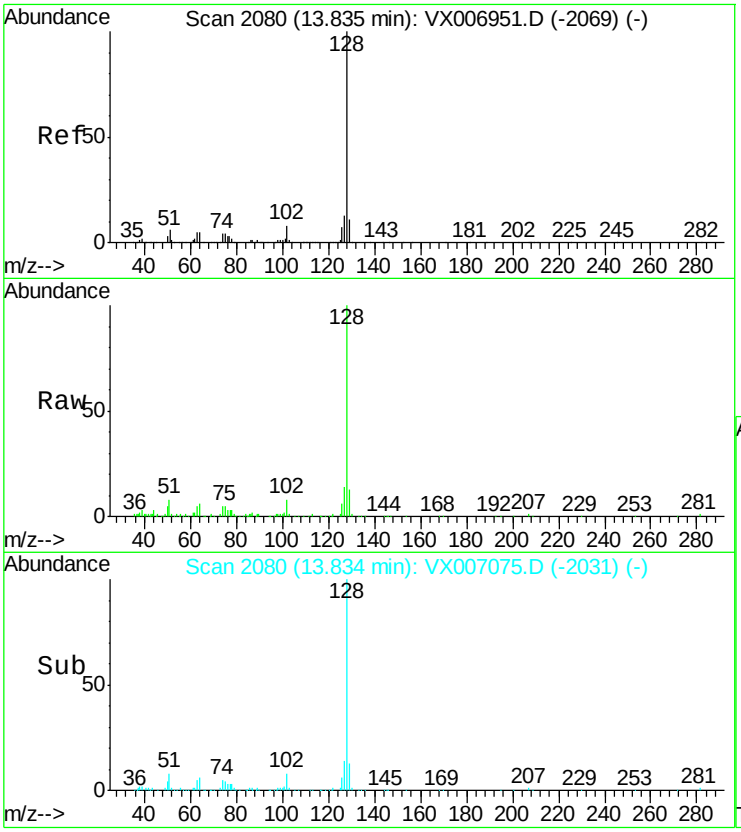


#90
Hexachloroethane
Concen: 2.941 ug/l
RT: 12.58 min Scan# 1874
Delta R.T. -0.02 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Tgt Ion:117 Resp: 140

Ion	Ratio	Lower	Upper
117	100		
201	22.1	42.9	128.7#





#95
Naphthalene
Concen: 1.161 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007075.D
Acq: 16 Jan 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
OK-01-011519-B

Tgt Ion:128 Resp: 34002

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.1	15.1
129	13.7	8.6	13.0#