Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011719\
Data File : VX007116.D
Acq On : 18 Jan 2019 04:15
Operator : JC/SP
Sample : K1167-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CLOVER-YARD-B

Quant Time: Jan 18 05:09:55 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	590051	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	922736	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	879396	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422968	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	316533	51.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.66%				
35) Dibromofluoromethane	5.51	113	280744	47.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.02%				
50) Toluene-d8	8.71	98	1119508	51.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.52%				
62) 4-Bromofluorobenzene	11.13	95	396502	52.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.16%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	3146	0.558	ug/l		99
11) Tert butyl alcohol	3.07	59	689	0.474	ug/l	#	72
12) 1,1-Dichloroethene	2.37	96	1453	0.268	ug/l	#	71
13) Acrolein	2.30	56	685	4.163	ug/l	#	13
14) Allyl chloride	2.84	41	3592261	386.511	ug/l	#	25
15) Acrylonitrile	3.18	53	688	0.206	ug/l	#	17
16) Acetone	2.45	43	33032	10.835	ug/l		94
18) Methyl Acetate	2.80	43	18417	2.086	ug/l	#	80
21) trans-1,2-Dichloroethene	3.17	96	3322	0.550	ug/l	#	74
25) 2-Butanone	4.71	43	6230	1.428	ug/l	#	85
28) Bromochloromethane	5.03	49	1032	0.241	ug/l	#	54
29) Tetrahydrofuran	5.16	42	2476	0.873	ug/l	#	45
36) 1,1-Dichloropropene	5.67	75	38888	4.847	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	52748	6.535	ug/l	#	15
43) Isopropyl Acetate	6.46	43	24515	1.807	ug/l		96
48) Methyl methacrylate	7.68	41	13646	1.959	ug/l	#	12
49) 1,4-Dioxane	7.74	88	48	Below Cal		#	1
51) 4-Methyl-2-Pentanone	8.62	43	126455	14.504	ug/l	#	48
54) cis-1,3-Dichloropropene	8.62	75	62225	6.902	ug/l	#	63
57) 1,3-Dichloropropane	9.54	76	14880	1.442	ug/l	#	44
59) 2-Hexanone	9.54	43	196175	29.526	ug/l	#	51
68) m/p-Xylenes	10.35	106	6247	0.501	ug/l		92
69) o-Xylene	10.70	106	3248	0.267	ug/l		95
74) N-amyl acetate	10.69	43	17770	1.480	ug/l	#	54
76) 1,2,3-Trichloropropane	11.13	75	188229	21.960	ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.51	105	6899	0.277	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.13	75	188229	65.042	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	18921	0.755	ug/l		98
90) Hexachloroethane	12.59	117	473	3.013	ug/l	#	6
95) Naphthalene	13.83	128	42748	1.403	ug/l		97

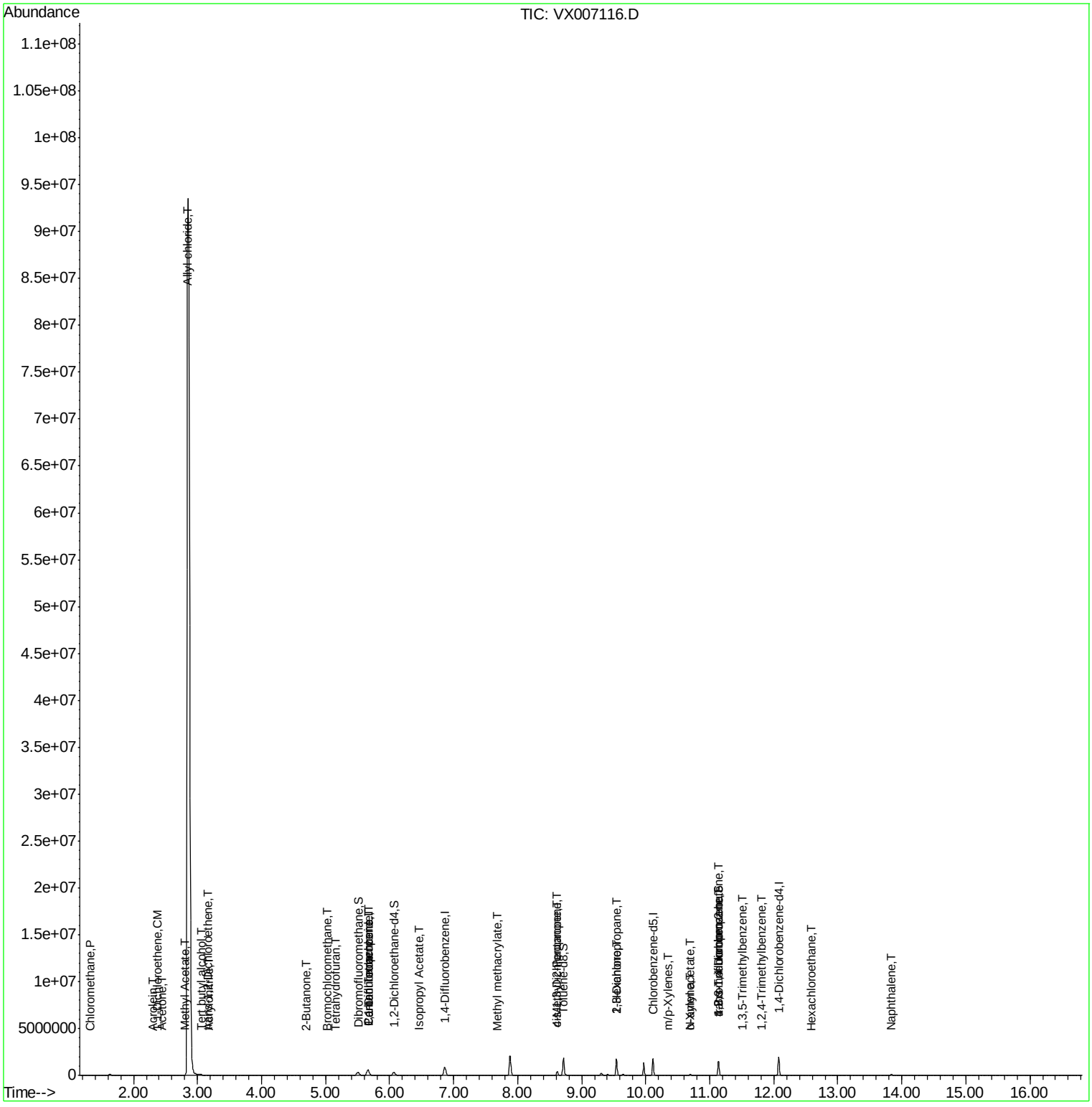
(#) = qualifier out of range (m) = manual integration (+) = signals summed

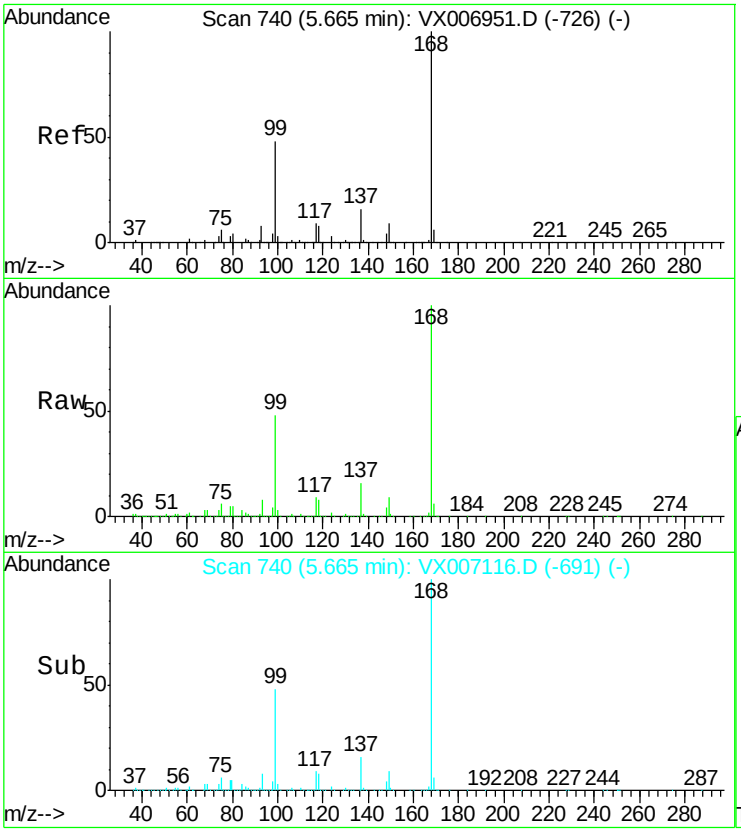
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007116.D
Acq On : 18 Jan 2019 04:15
Operator : JC/SP
Sample : K1167-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Quant Time: Jan 18 05:09:55 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



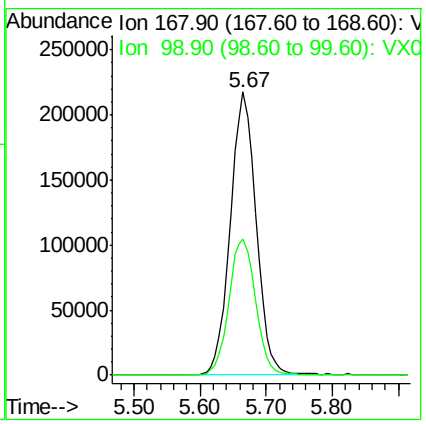


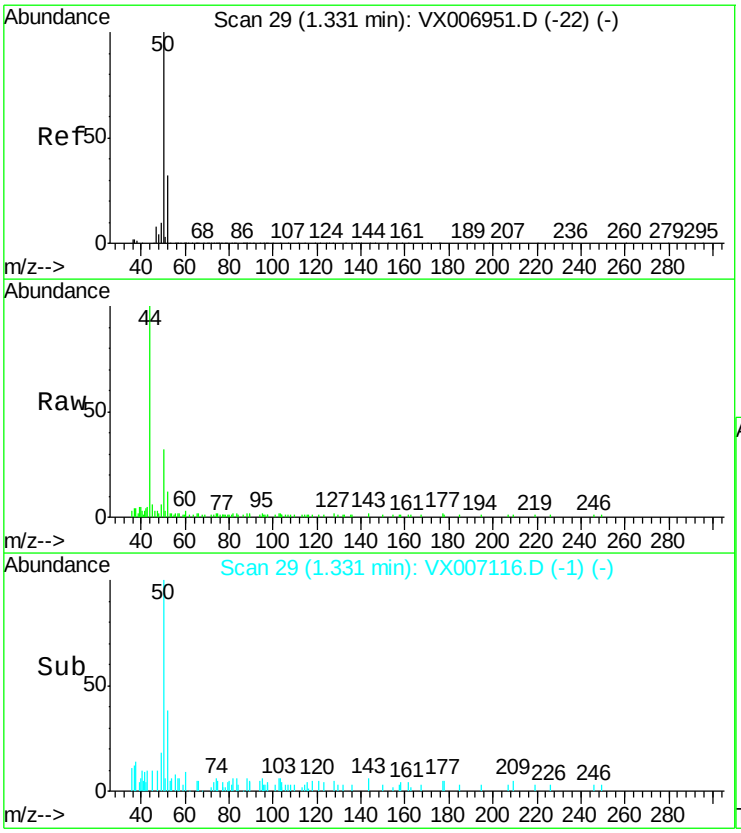
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:168 Resp: 590051

Ion	Ratio	Lower	Upper
168	100		
99	48.2	41.8	62.8

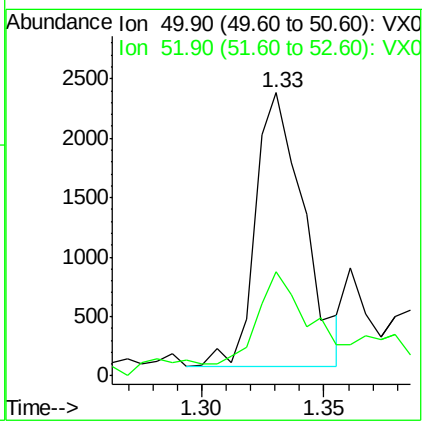


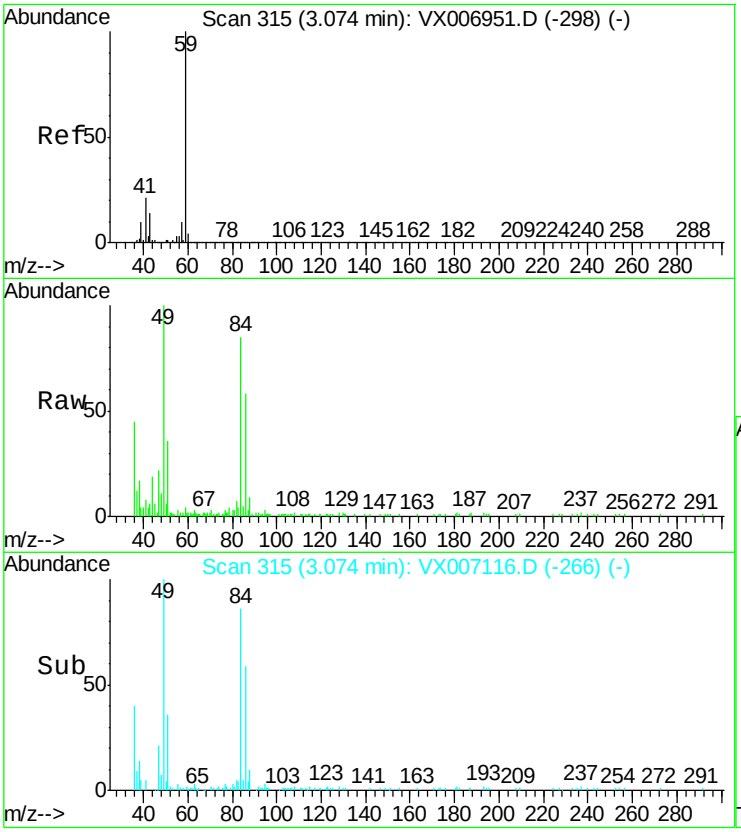


#3
Chloromethane
Concen: 0.558 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 50 Resp: 3146

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.4	38.2



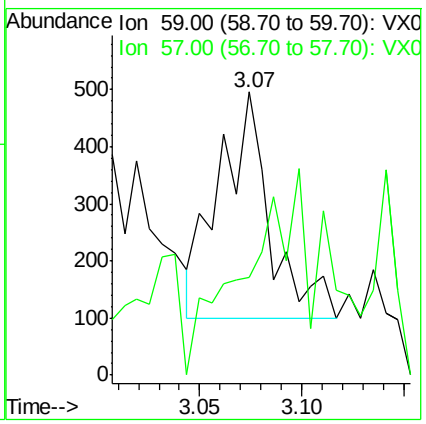


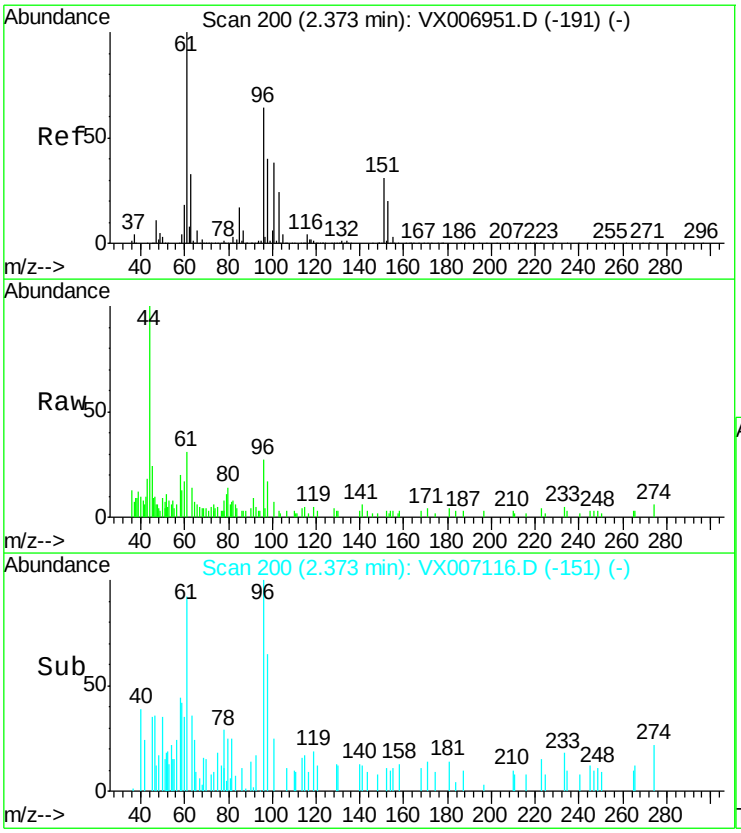
#11
Tert butyl alcohol
Concen: 0.474 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 59 Resp: 689

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

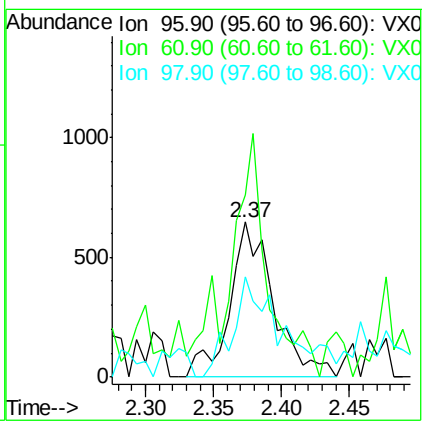


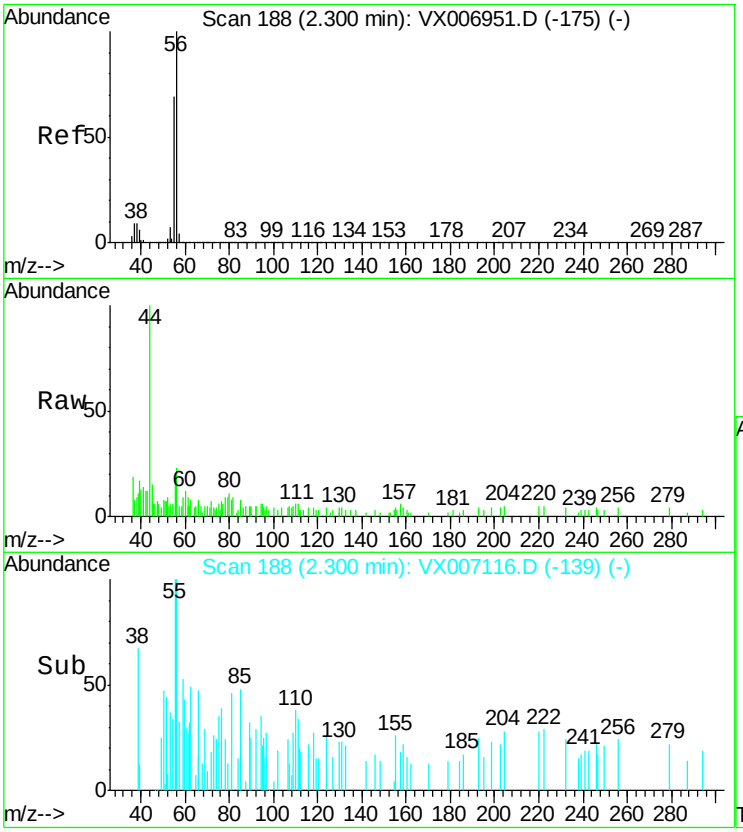


#12
1,1-Dichloroethene
Concen: 0.268 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 96 Resp: 1453

Ion	Ratio	Lower	Upper
96	100		
61	104.3	121.4	182.2#
98	56.0	51.9	77.9



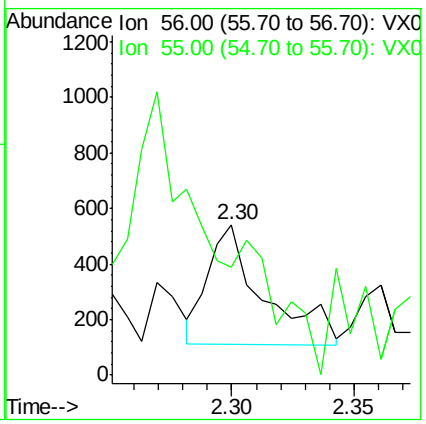


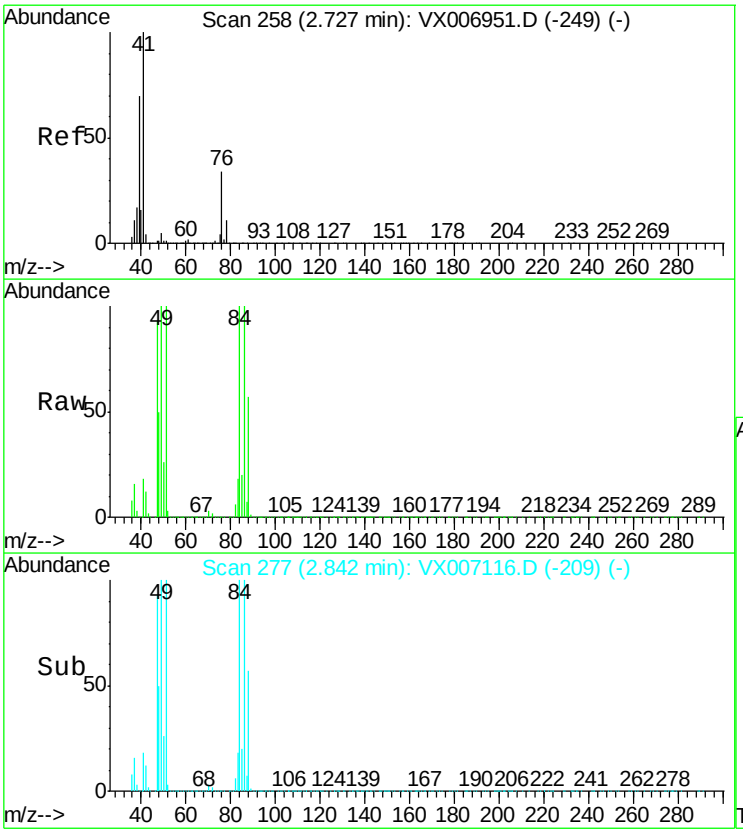
#13
Acrolein
Concen: 4.163 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument : MSVOA_X
ClientSampleId : CLOVER-YARD-B

Tgt Ion: 56 Resp: 685

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.4#

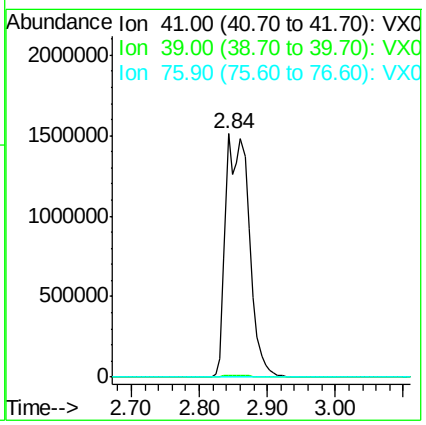


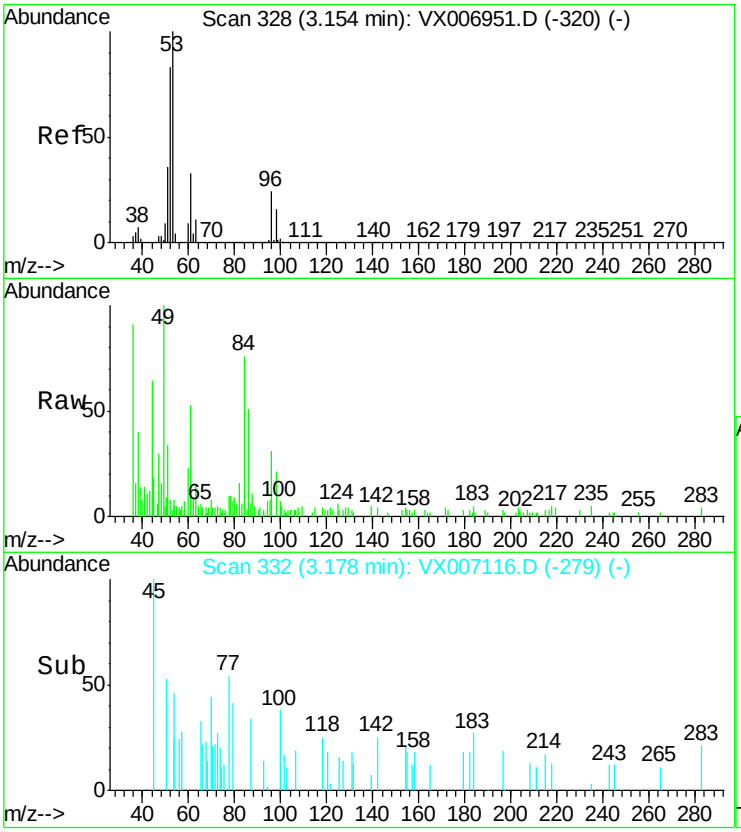


#14
Allyl chloride
Concen: 386.511 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 41 Resp: 3592261

Ion	Ratio	Lower	Upper
41	100		
39	0.8	53.6	80.4#
76	0.0	27.4	41.2#



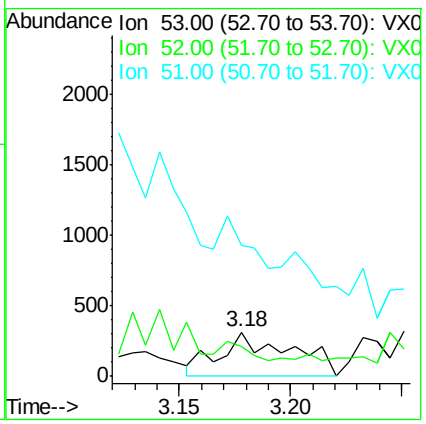


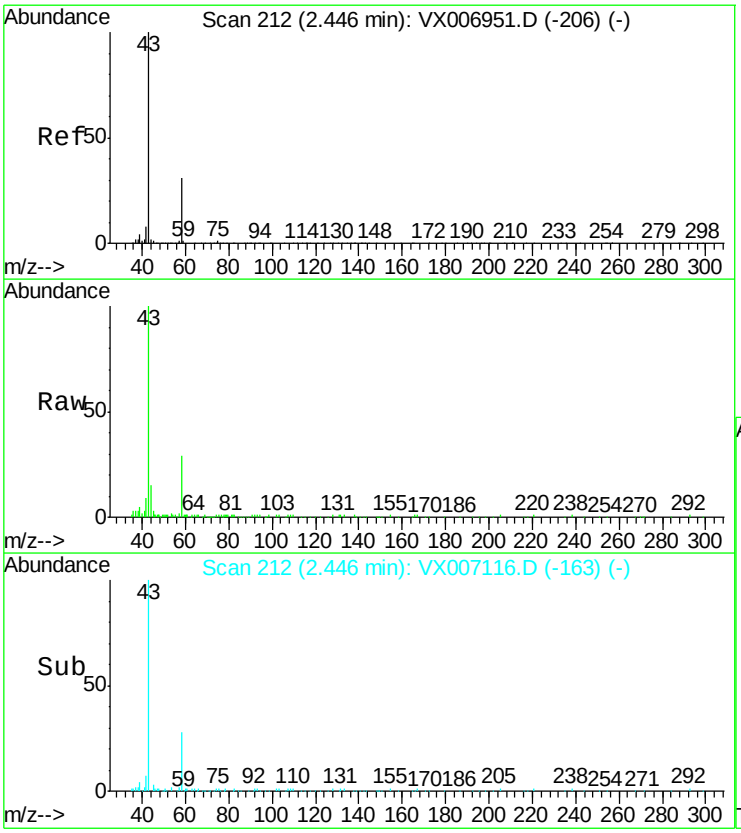
#15
Acrylonitrile
Concen: 0.206 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.02 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 53 Resp: 688

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.0	99.0#
51	0.0	28.6	42.8#

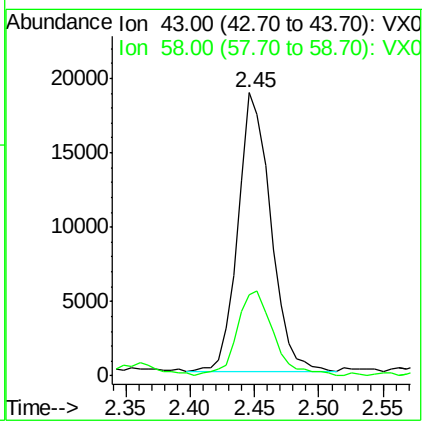


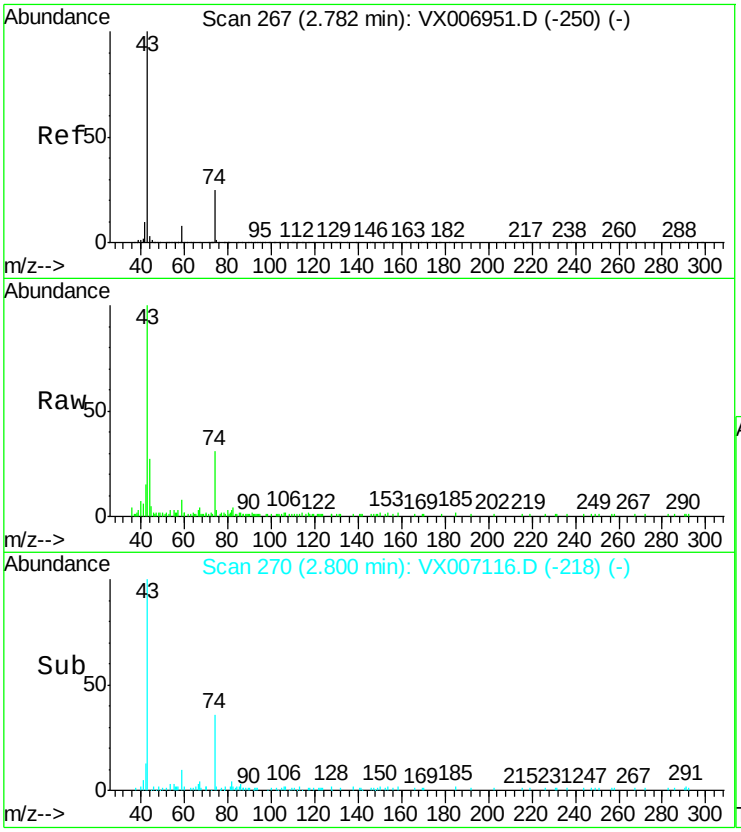


#16
Acetone
Concen: 10.835 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 43 Resp: 33032

Ion	Ratio	Lower	Upper
43	100		
58	28.1	25.0	37.6



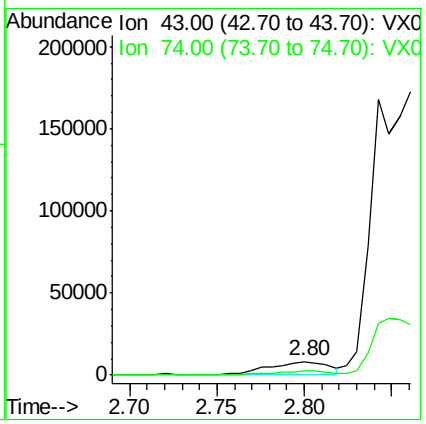


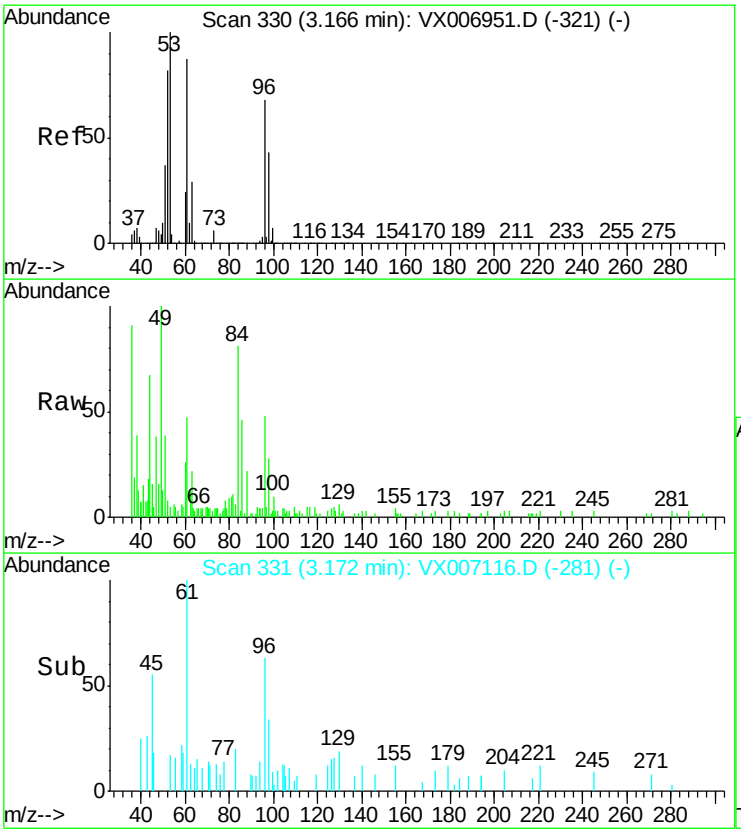
#18
Methyl Acetate
Concen: 2.086 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument : MSVOA_X
ClientSampleId : CLOVER-YARD-B

Tgt Ion: 43 Resp: 18417

Ion	Ratio	Lower	Upper
43	100		
74	32.9	18.6	28.0#

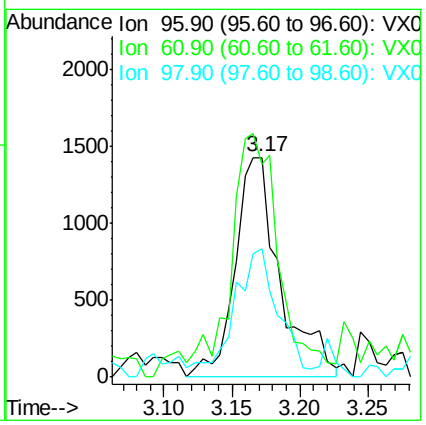


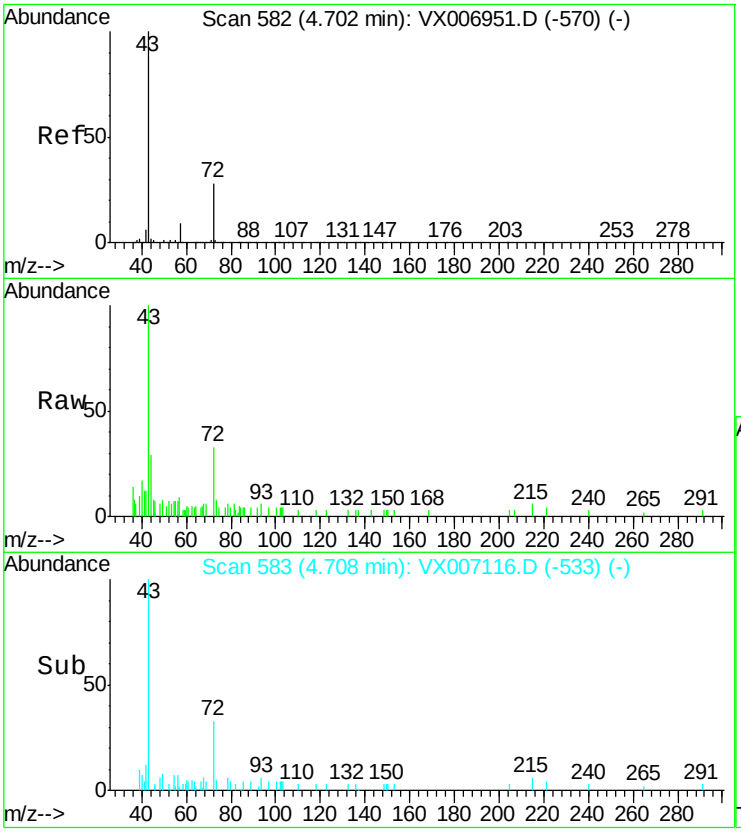


#21
trans-1,2-Dichloroethene
Concen: 0.550 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 96 Resp: 3322

Ion	Ratio	Lower	Upper
96	100		
61	91.0	103.7	155.5#
98	53.8	51.0	76.6



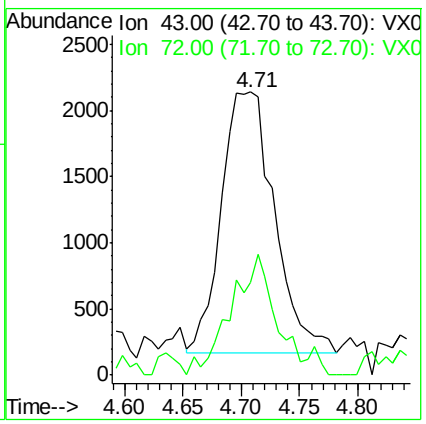


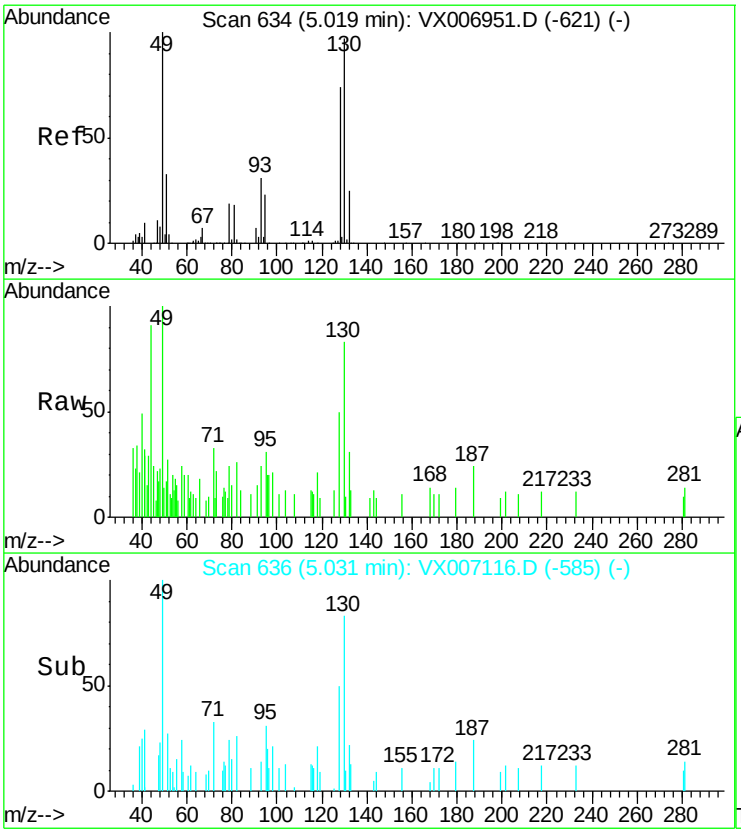
#25
2-Butanone
Concen: 1.428 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument : MSVOA_X
ClientSampleId : CLOVER-YARD-B

Tgt Ion: 43 Resp: 6230

Ion	Ratio	Lower	Upper
43	100		
72	35.7	22.4	33.6#

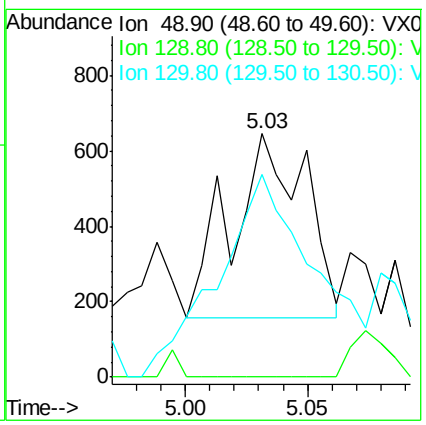


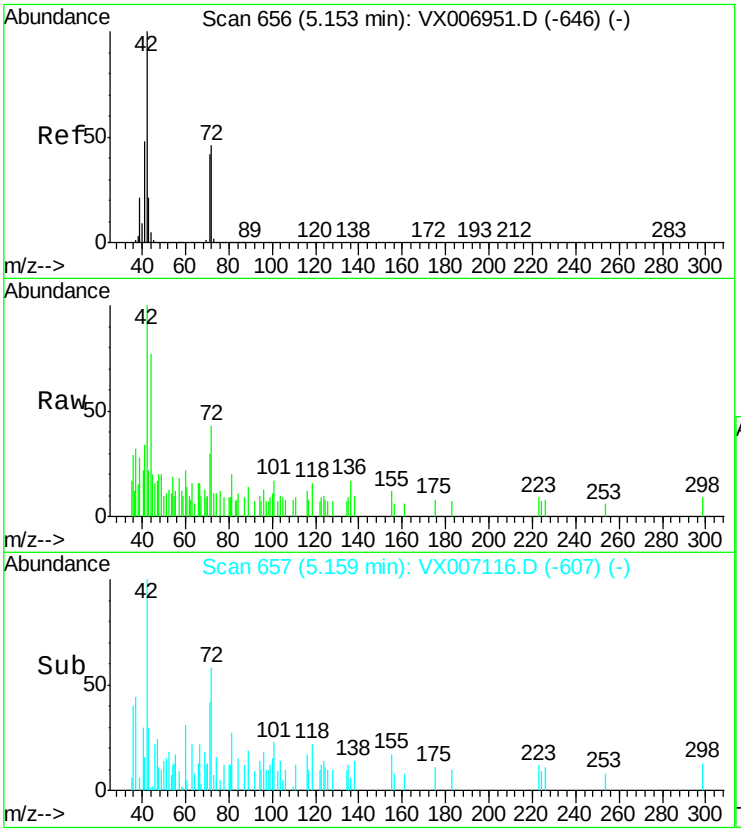


#28
Bromochloromethane
Concen: 0.241 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 49 Resp: 1032

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	143.1	77.7	116.5#



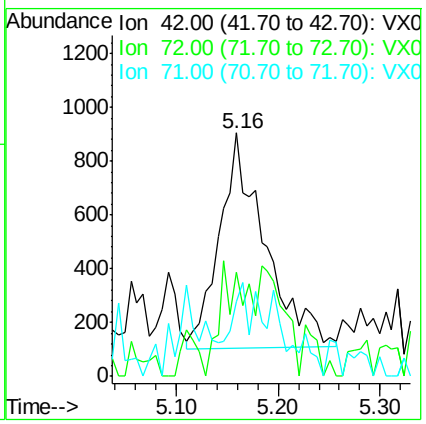


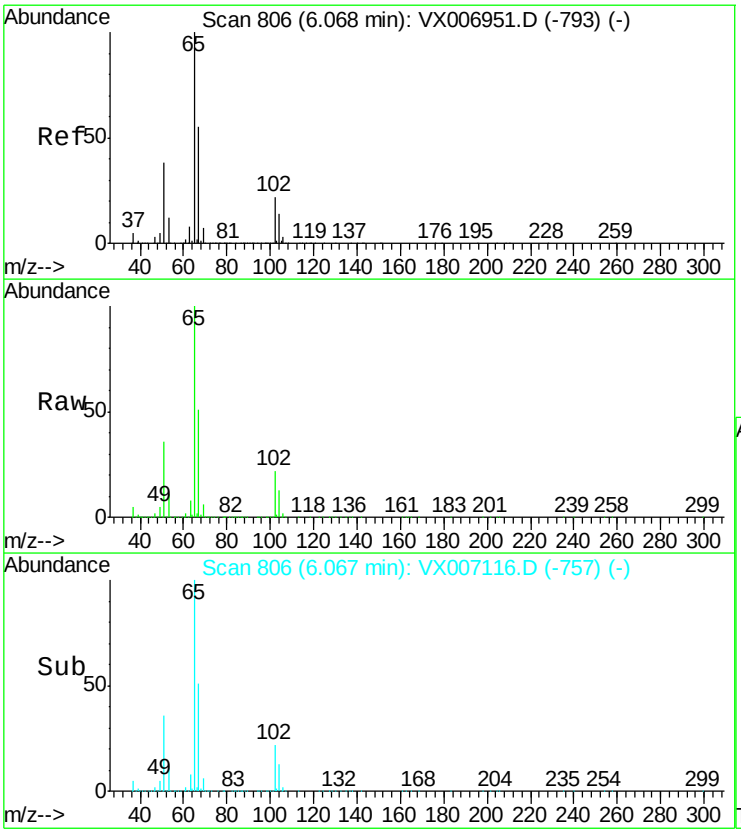
#29
Tetrahydrofuran
Concen: 0.873 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 42 Resp: 2476

Ion	Ratio	Lower	Upper
42	100		
72	14.1	38.9	58.3#
71	6.5	36.2	54.4#

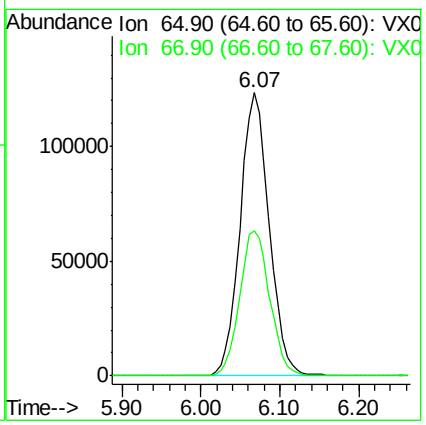


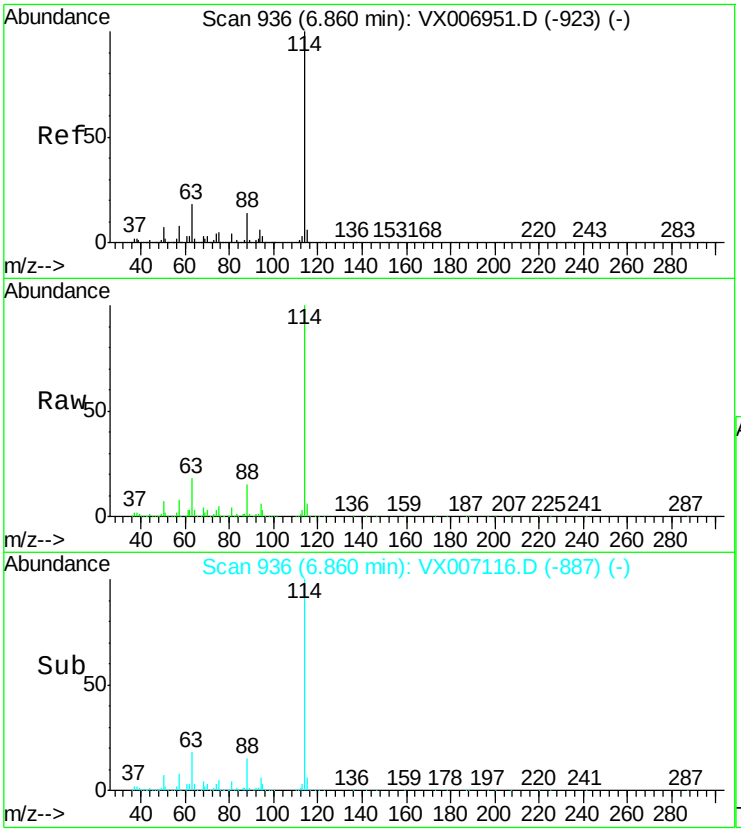


#33
1,2-Dichloroethane-d4
Concen: 51.331 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 65 Resp: 316533

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.0



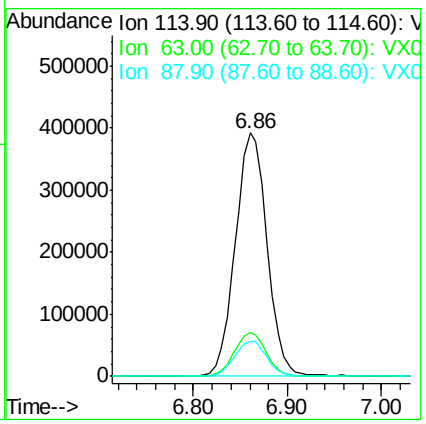


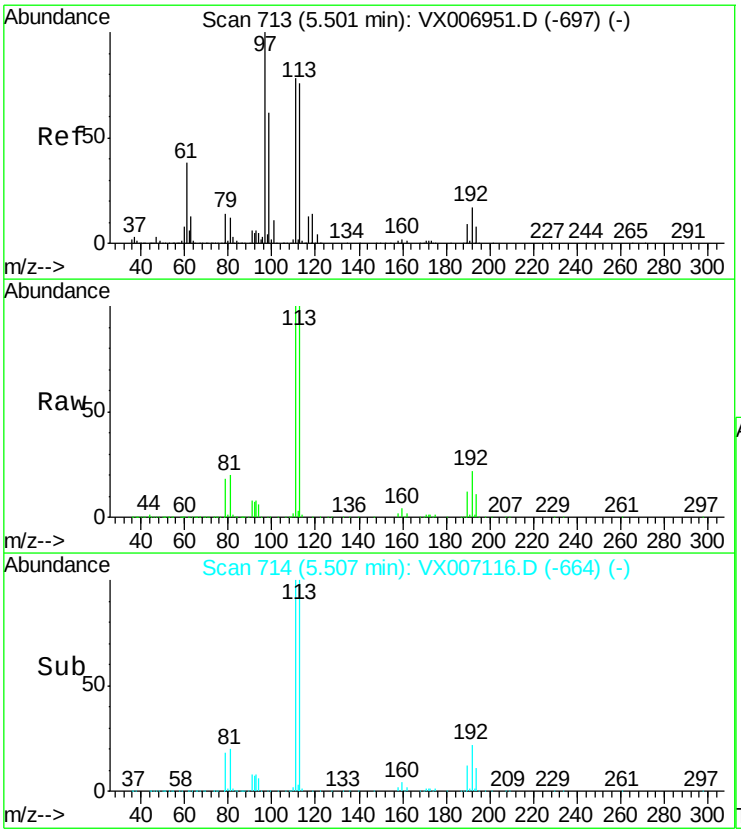
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:114 Resp: 922736

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.8
88	14.6	0.0	28.8

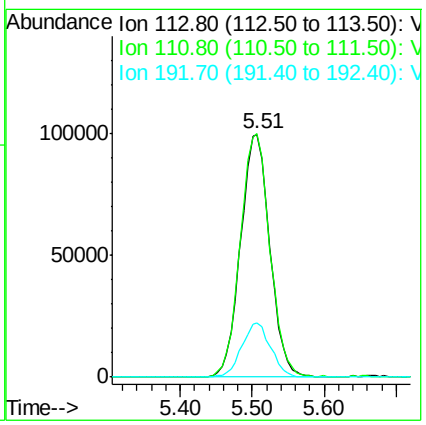


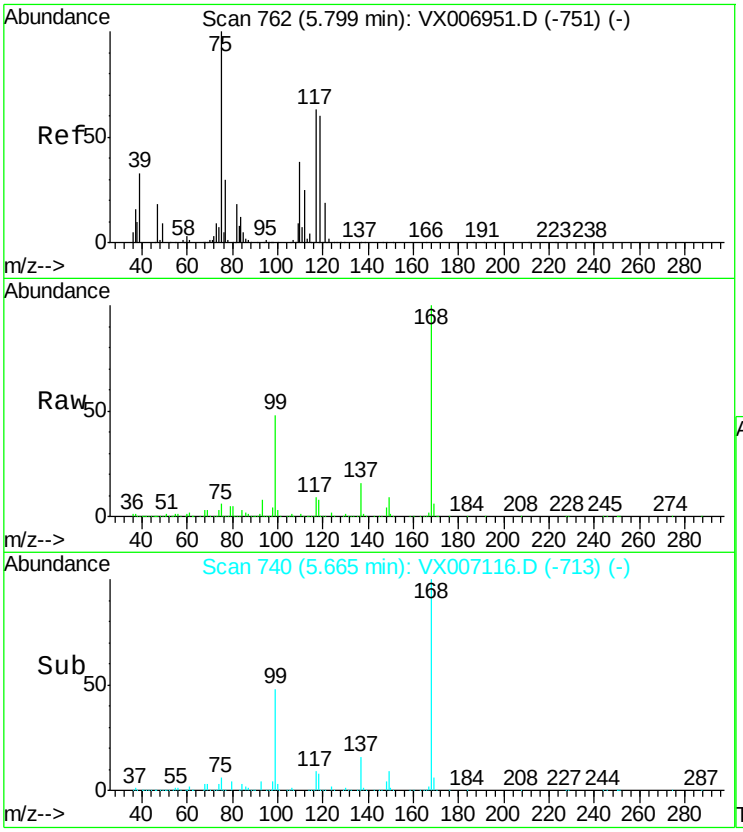


#35
Dibromofluoromethane
Concen: 47.510 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion:113 Resp: 280744

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.6	122.4
192	22.1	16.7	25.1



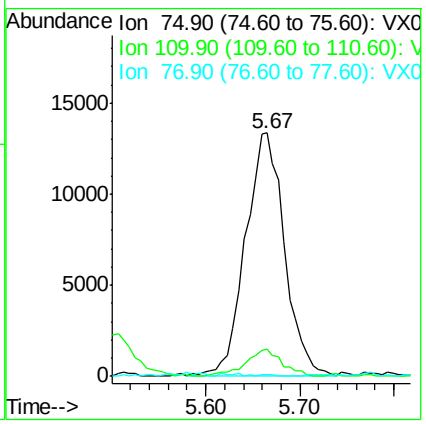


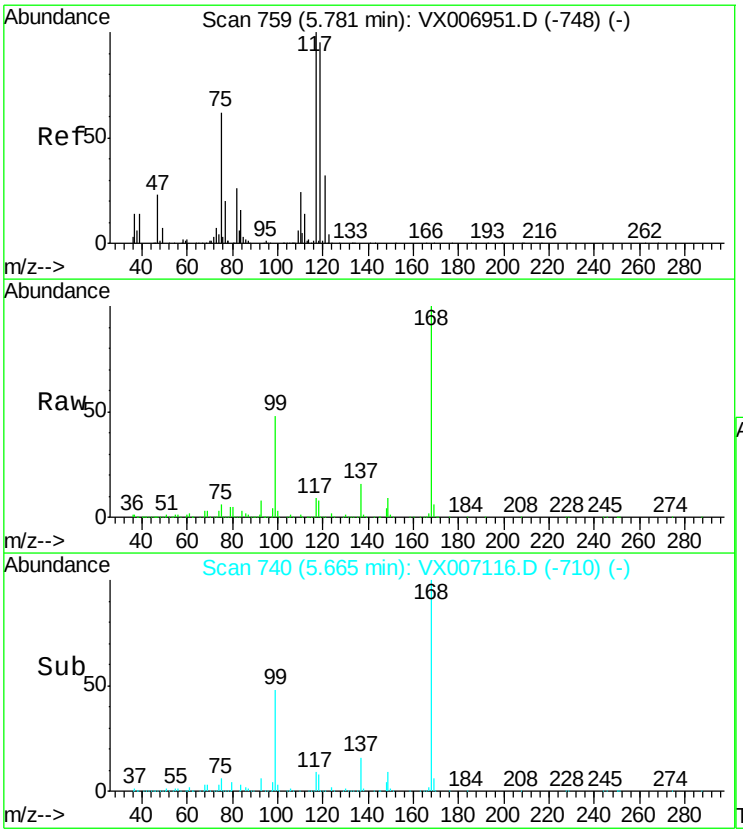
#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 75 Resp: 38888

Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.2	60.5#
77	0.3	24.8	37.2#

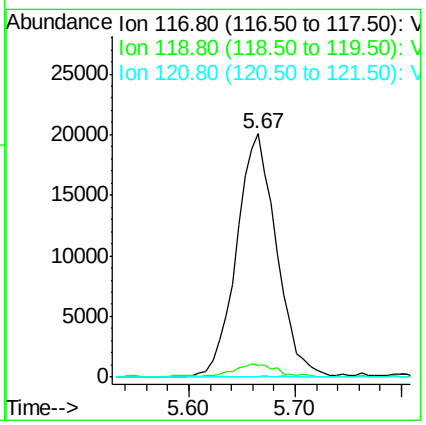


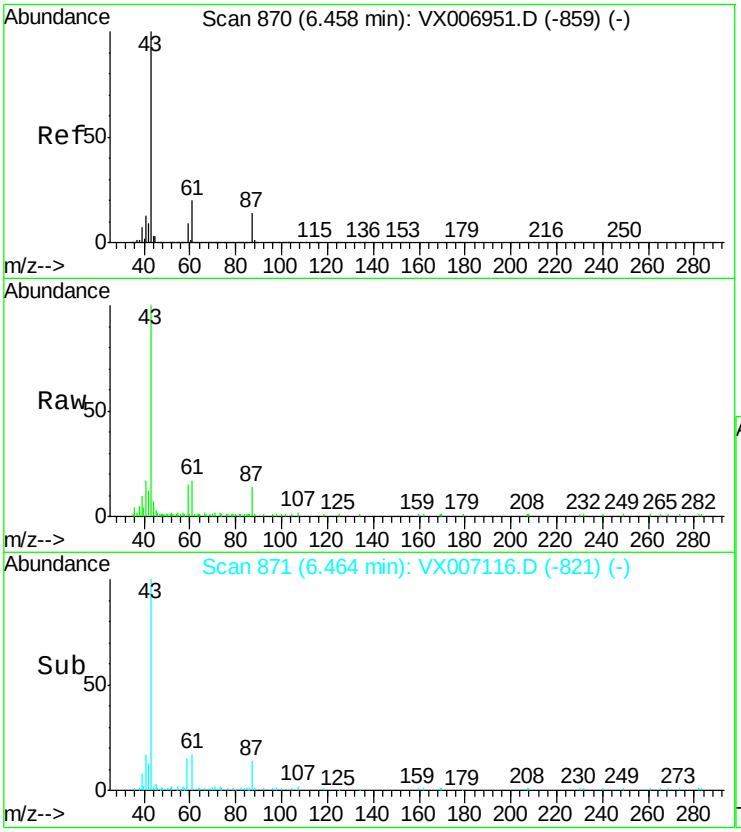


#38
Carbon Tetrachloride
Concen: 6.535 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion:117 Resp: 52748

Ion	Ratio	Lower	Upper
117	100		
119	5.1	79.4	119.2#
121	0.3	24.0	36.0#



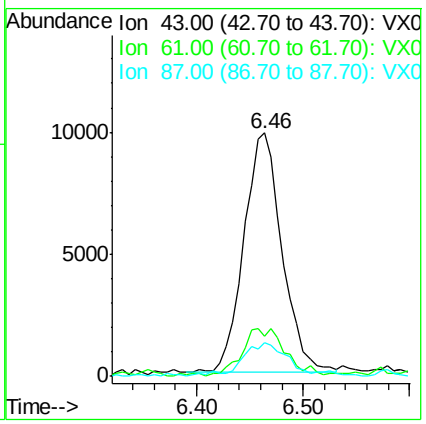


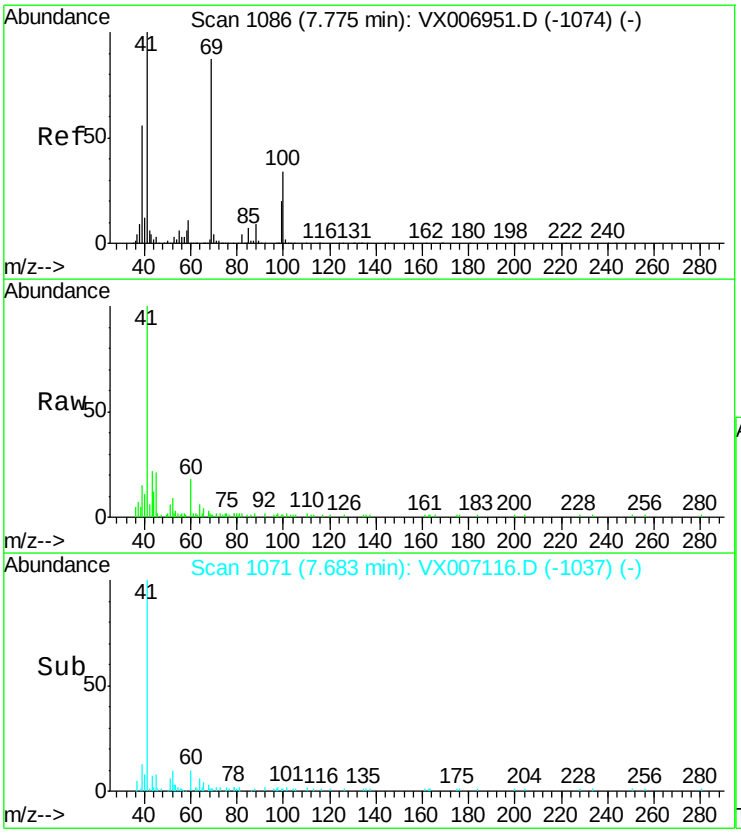
#43
Isopropyl Acetate
Concen: 1.807 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument : MSVOA_X
ClientSampleId : CLOVER-YARD-B

Tgt Ion: 43 Resp: 24515

Ion	Ratio	Lower	Upper
43	100		
61	23.2	16.8	25.2
87	17.0	12.4	18.6

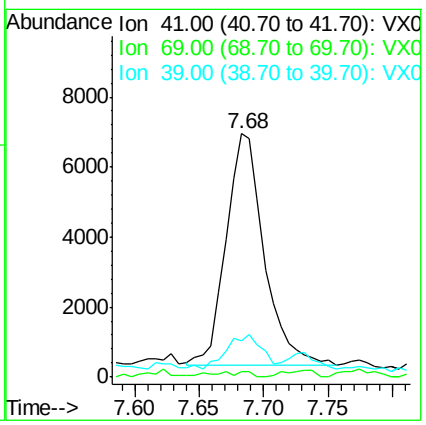


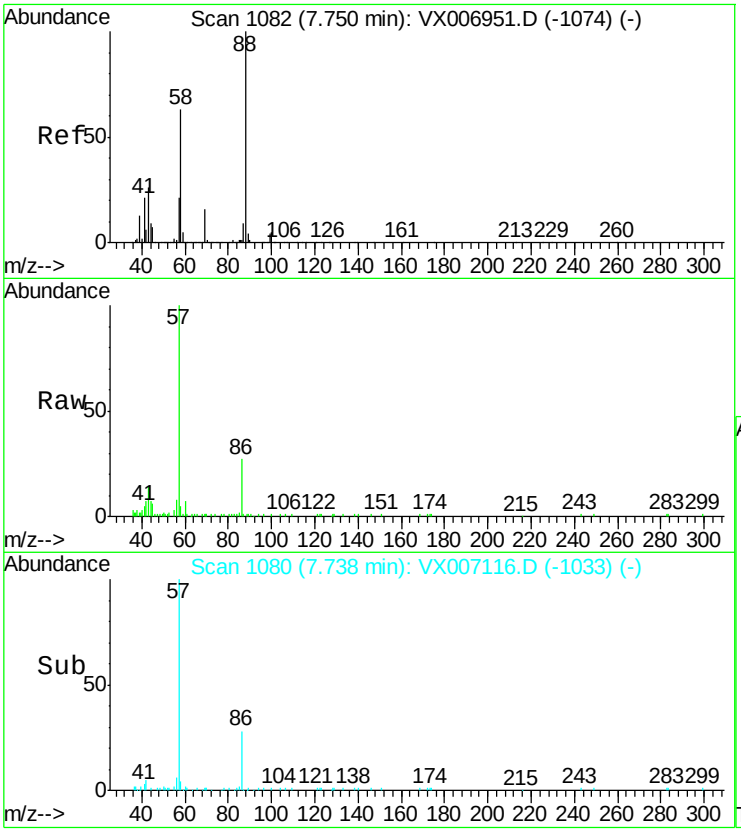


#48
Methyl methacrylate
Concen: 1.959 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 41 Resp: 13646

Ion	Ratio	Lower	Upper
41	100		
69	1.0	72.4	108.6#
39	0.0	45.8	68.8#



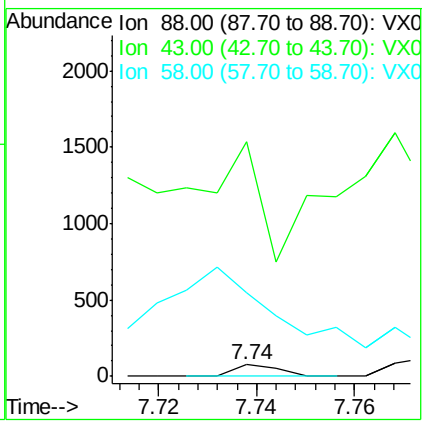


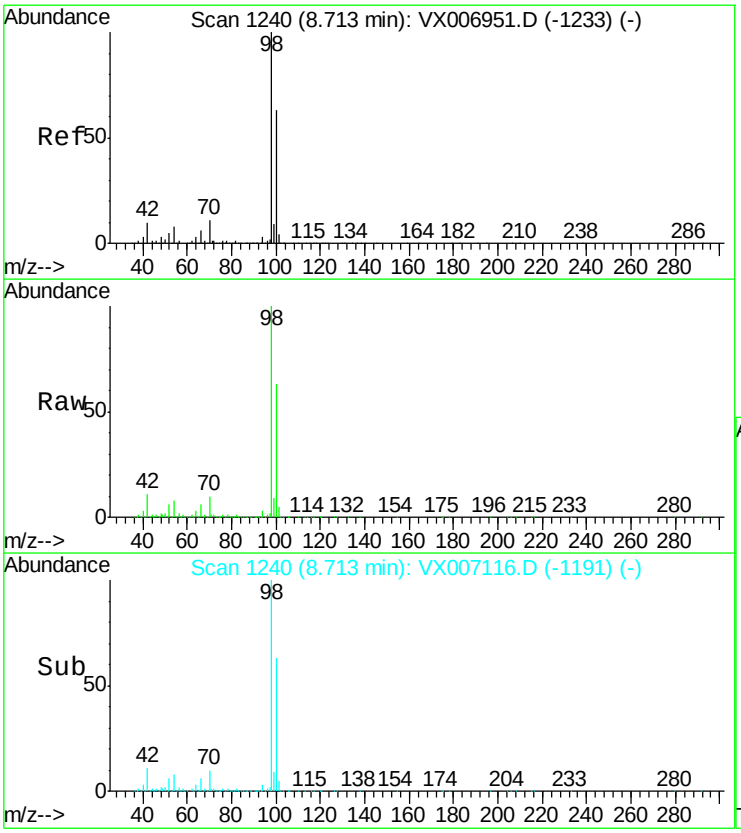
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	2670.8	51.0	76.4#

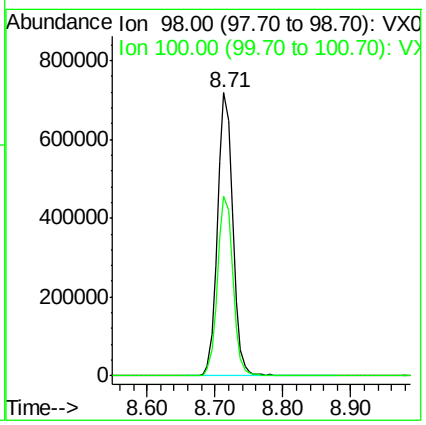


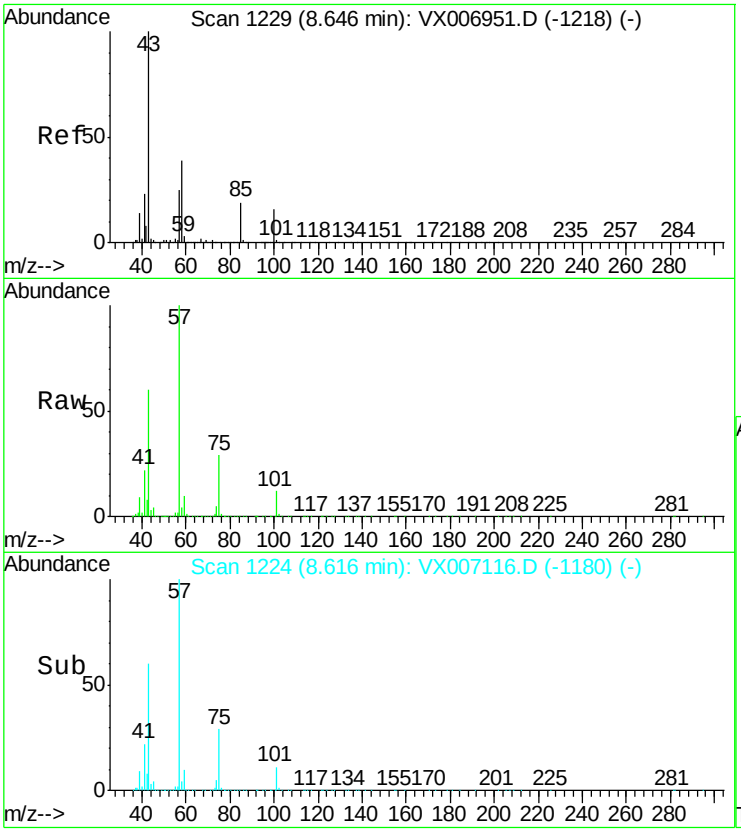


#50
Toluene-d8
Concen: 51.759 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 98 Resp: 1119508

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0



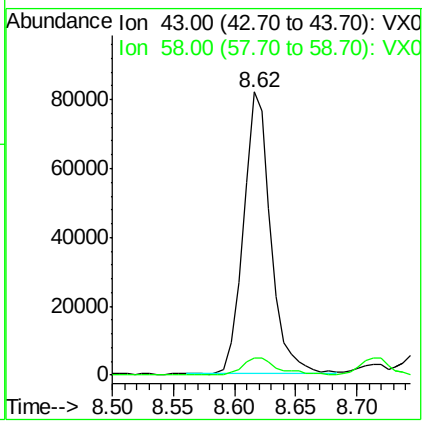


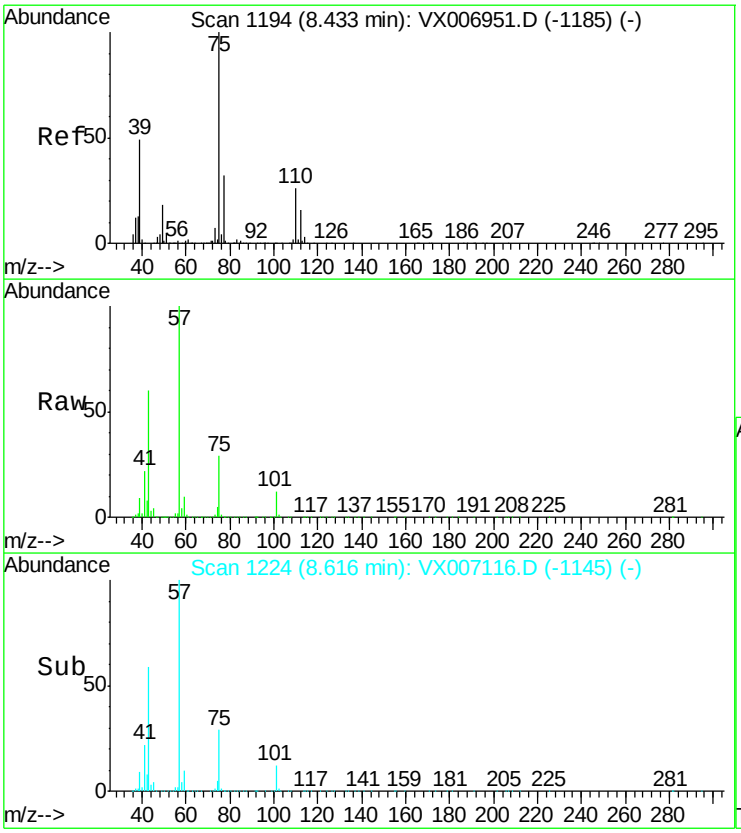
#51
4-Methyl-2-Pentanone
Concen: 14.504 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 43 Resp: 126455

Ion	Ratio	Lower	Upper
43	100		
58	8.0	31.8	47.6#

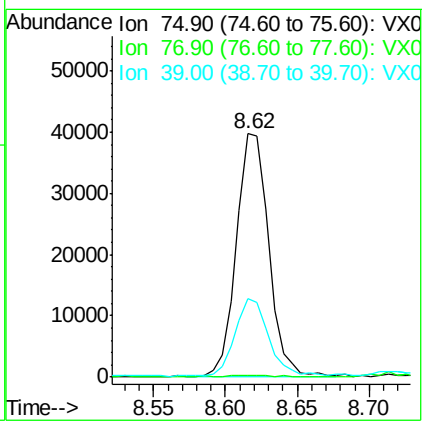


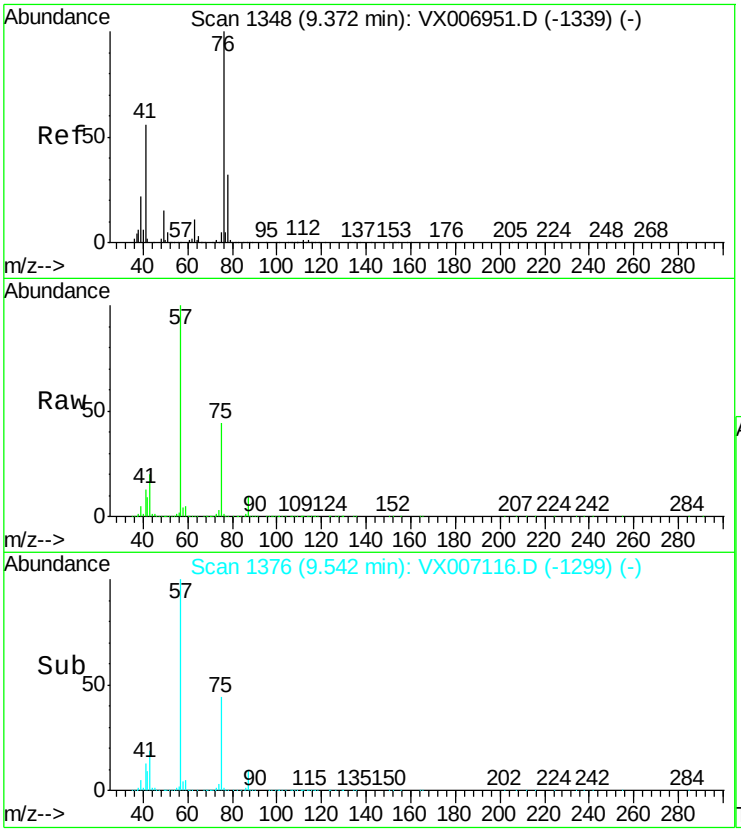


#54
cis-1,3-Dichloropropene
Concen: 6.902 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 75 Resp: 62225

Ion	Ratio	Lower	Upper
75	100		
77	0.6	26.2	39.2#
39	31.3	36.7	55.1#



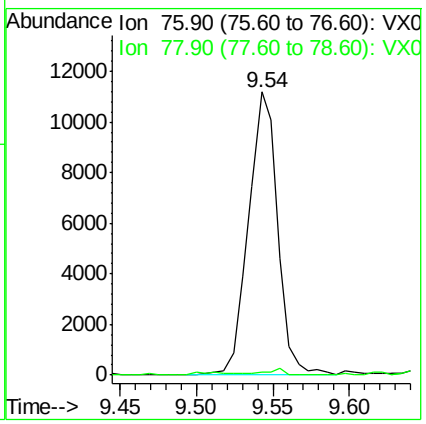


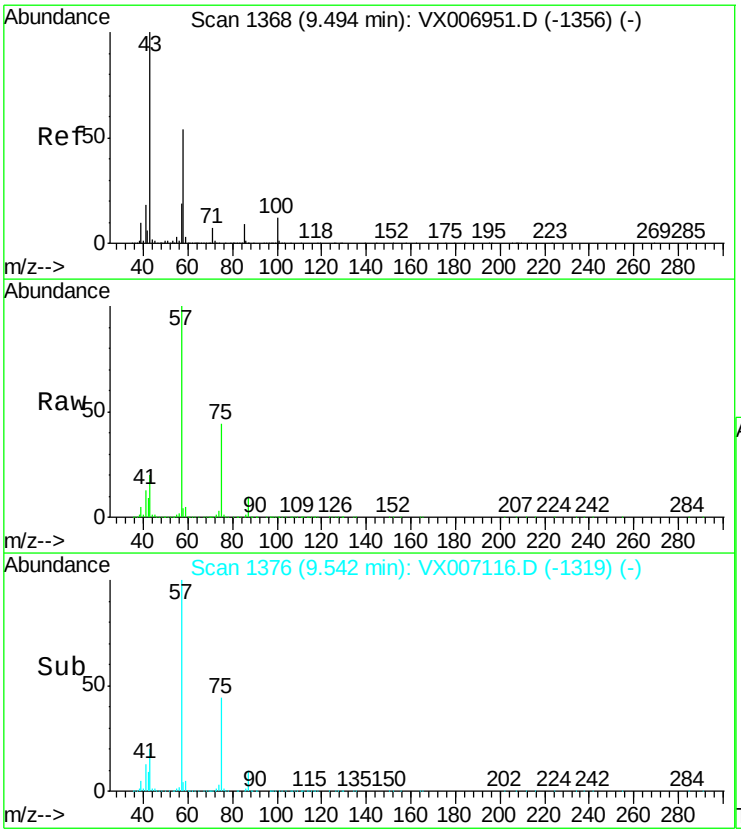
#57
1,3-Dichloropropane
Concen: 1.442 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 76 Resp: 14880

Ion	Ratio	Lower	Upper
76	100		
78	1.3	26.0	39.0#

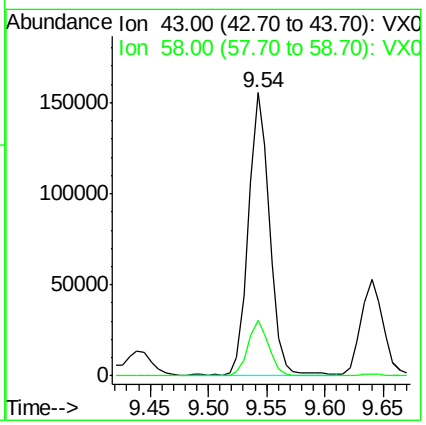


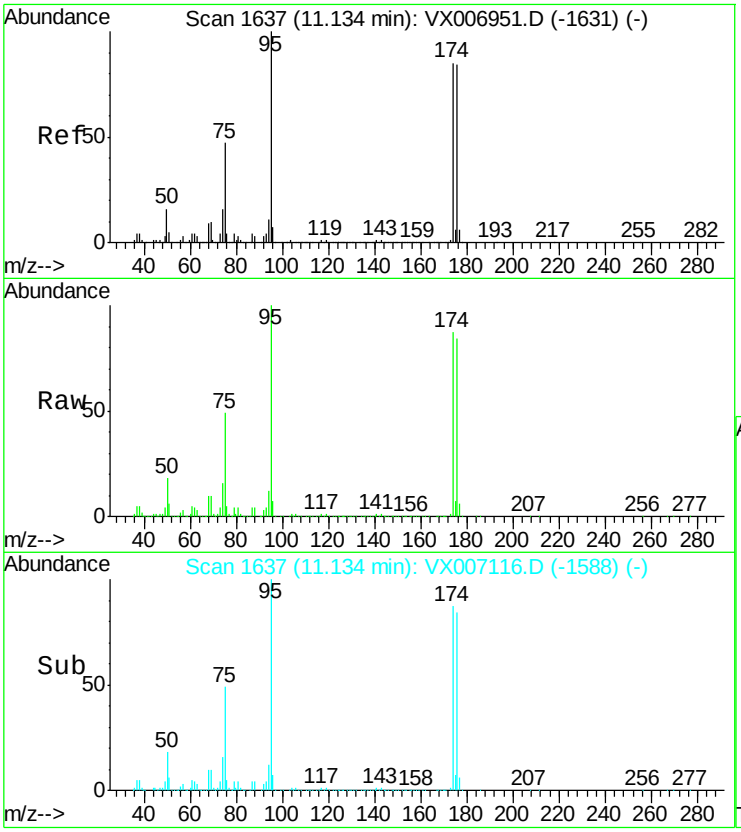


#59
2-Hexanone
Concen: 29.526 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 43 Resp: 196175

Ion	Ratio	Lower	Upper
43	100		
58	19.7	27.7	83.1#



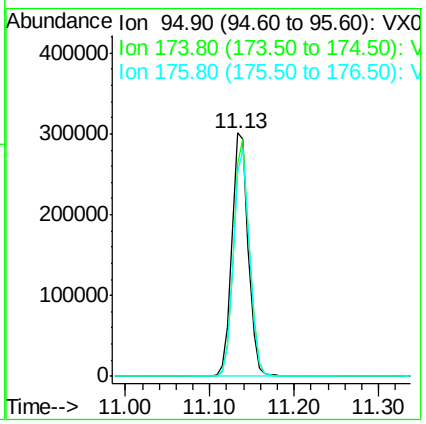


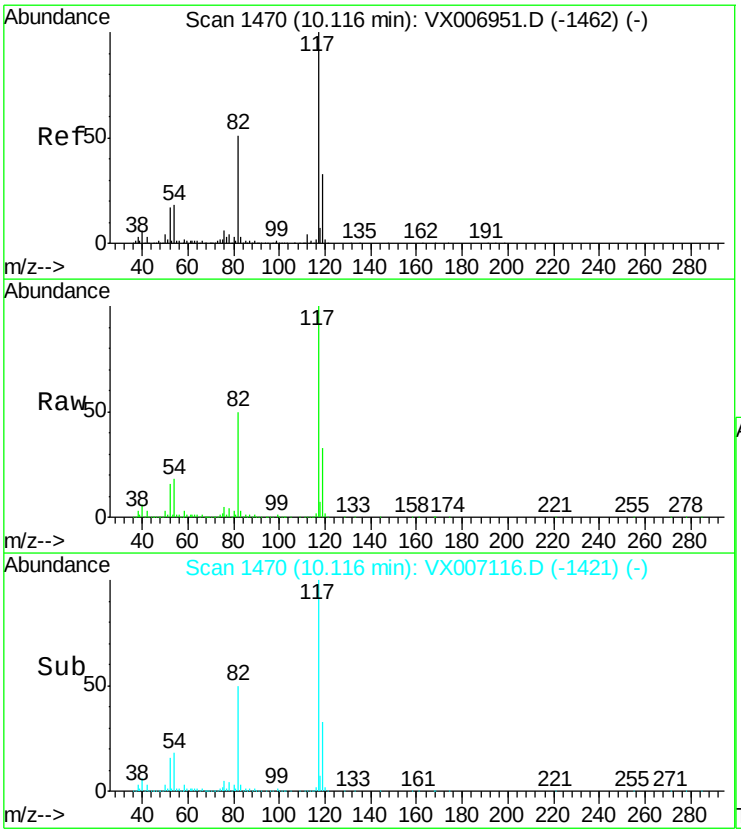
#62
4-Bromofluorobenzene
Concen: 52.583 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 95 Resp: 396502

Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	182.2
176	91.0	0.0	178.8

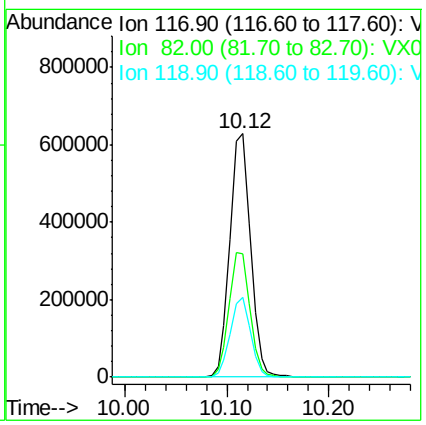


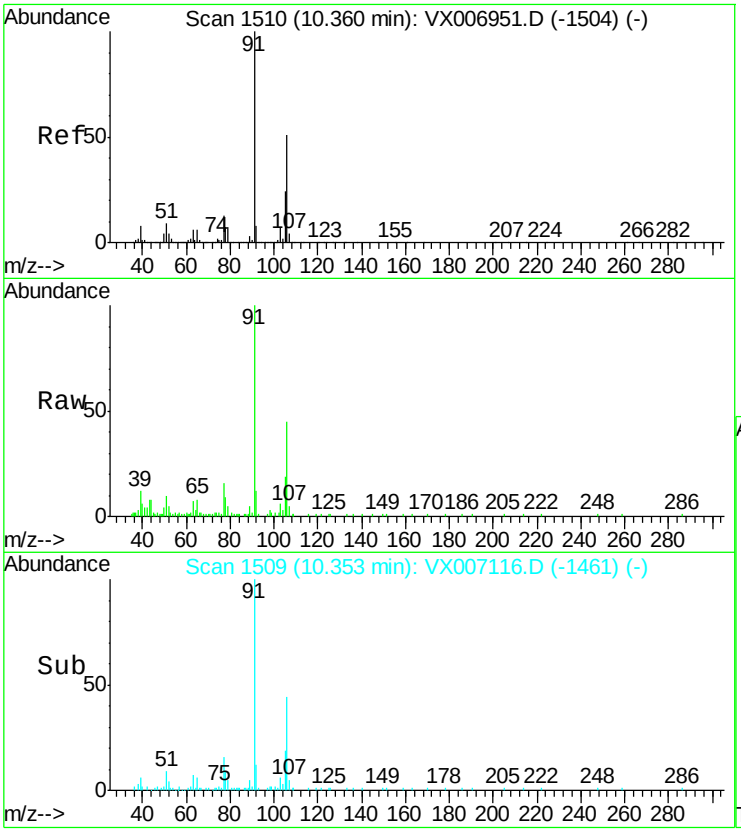


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion:117 Resp: 879396

Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.0	61.6
119	32.8	25.4	38.0



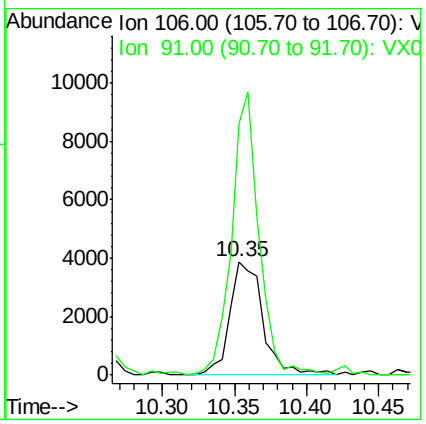


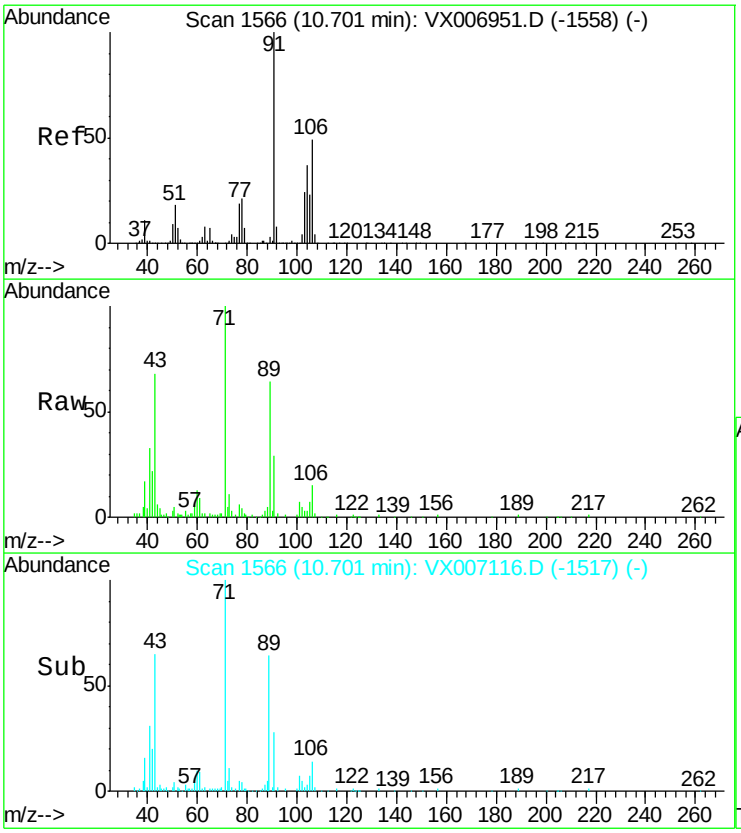
#68
m/p-Xylenes
Concen: 0.501 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:106 Resp: 6247

Ion	Ratio	Lower	Upper
106	100		
91	206.4	155.8	233.6

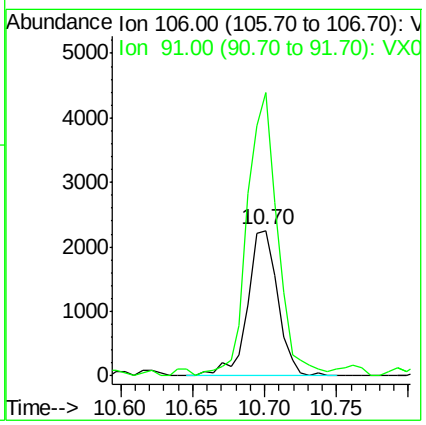


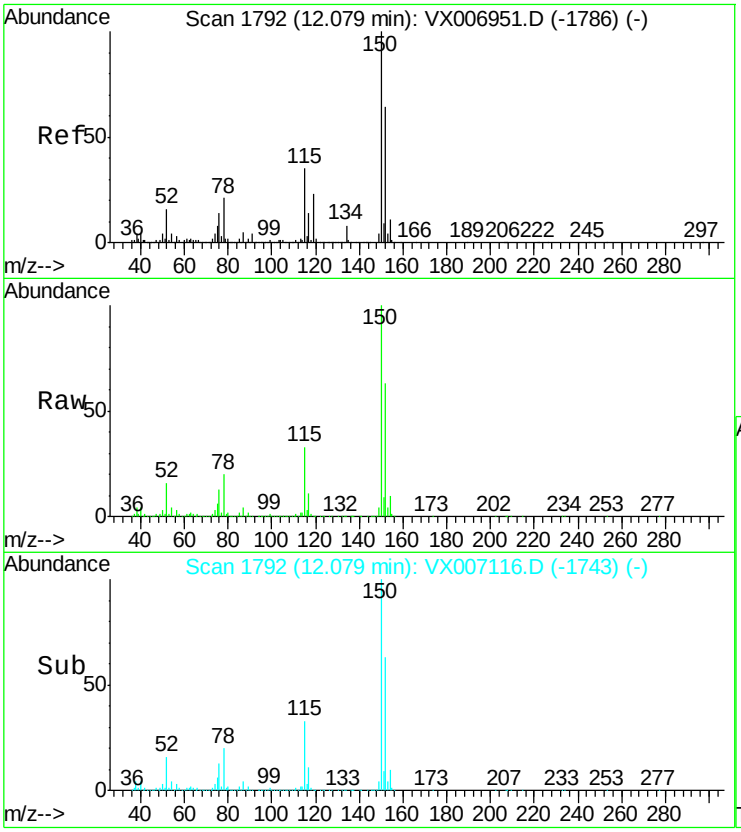


#69
o-Xylene
Concen: 0.267 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion:106 Resp: 3248

Ion	Ratio	Lower	Upper
106	100		
91	194.9	101.3	303.7



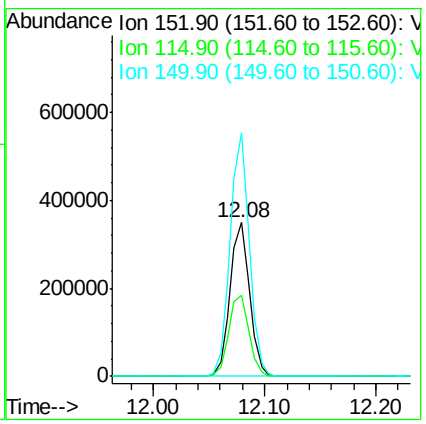


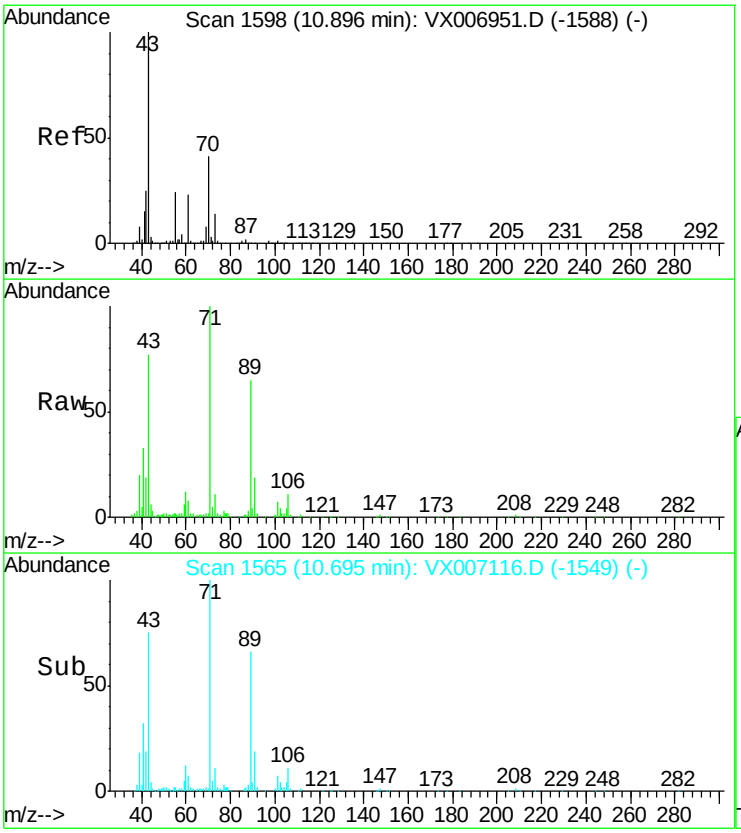
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:152 Resp: 422968

Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.1	117.2
150	156.1	0.0	344.8

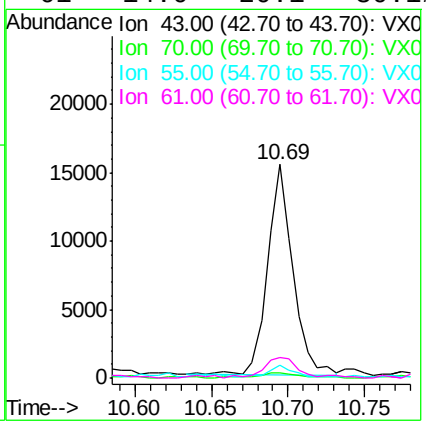


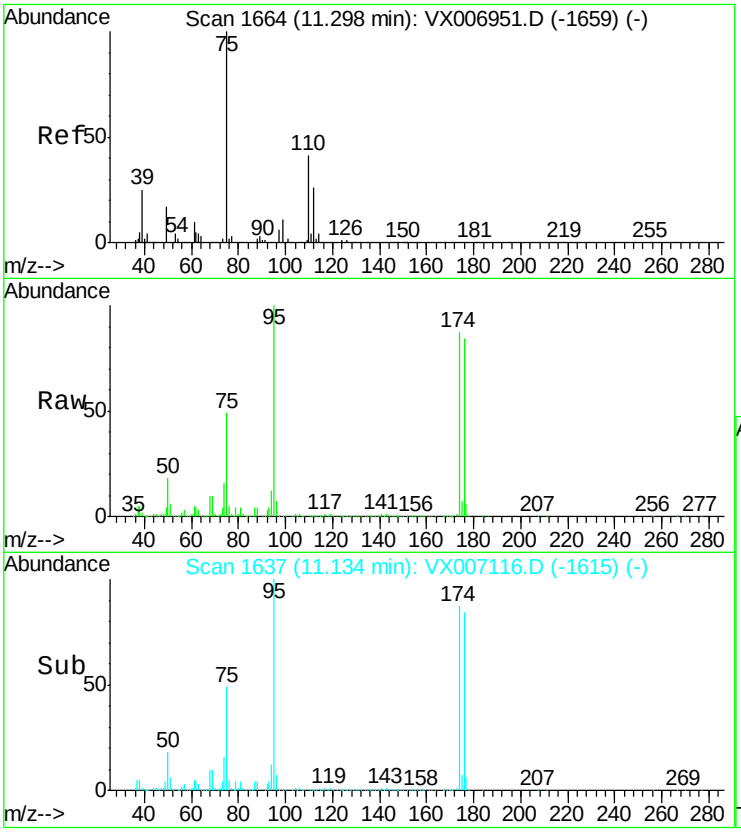


#74
N-amyl acetate
Concen: 1.480 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion: 43 Resp: 17770

Ion	Ratio	Lower	Upper
43	100		
70	3.8	35.8	53.8#
55	5.2	19.4	29.0#
61	14.0	20.1	30.1#



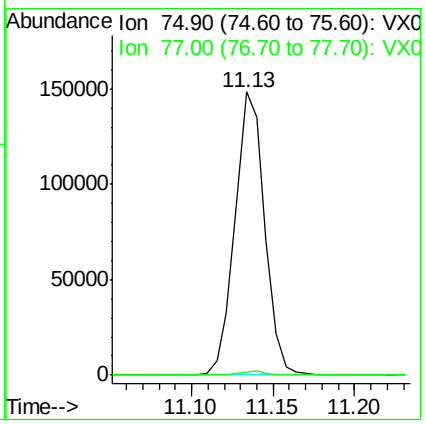


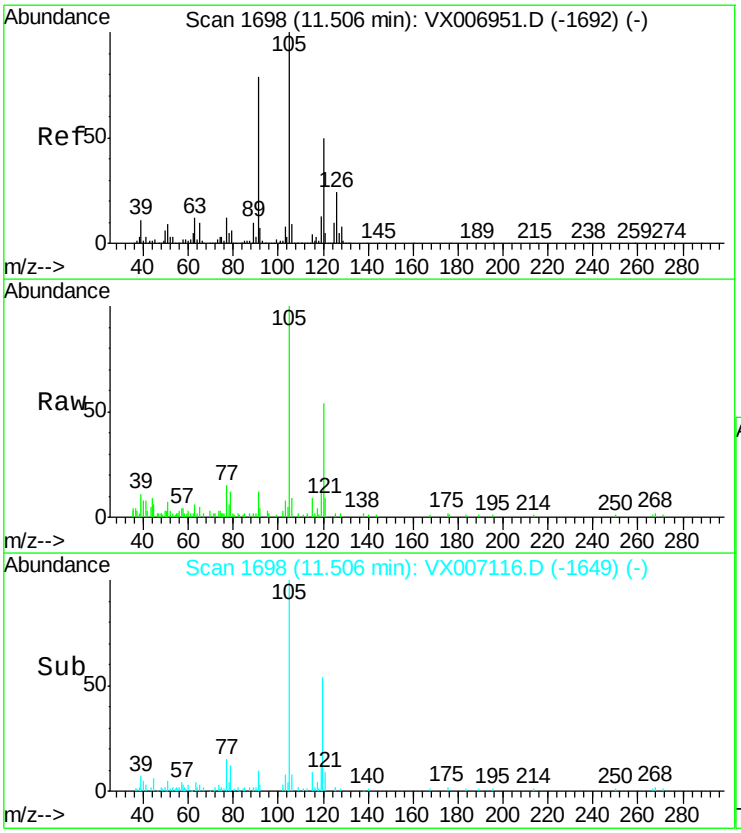
#76
1,2,3-Trichloropropane
Concen: 21.960 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 75 Resp: 188229

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#

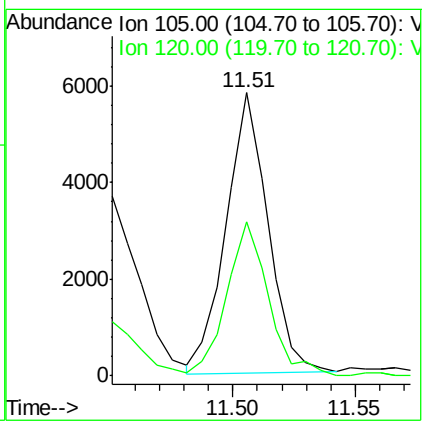


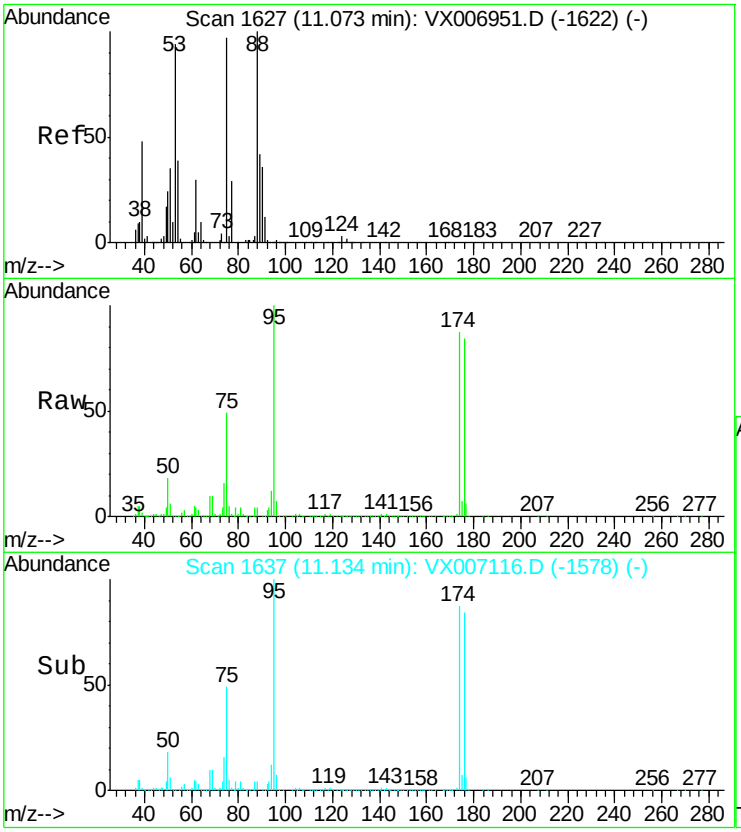


#80
1,3,5-Trimethylbenzene
Concen: 0.277 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion:105 Resp: 6899

Ion	Ratio	Lower	Upper
105	100		
120	54.6	25.1	75.3



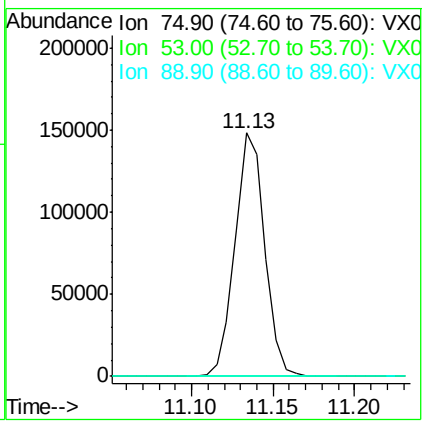


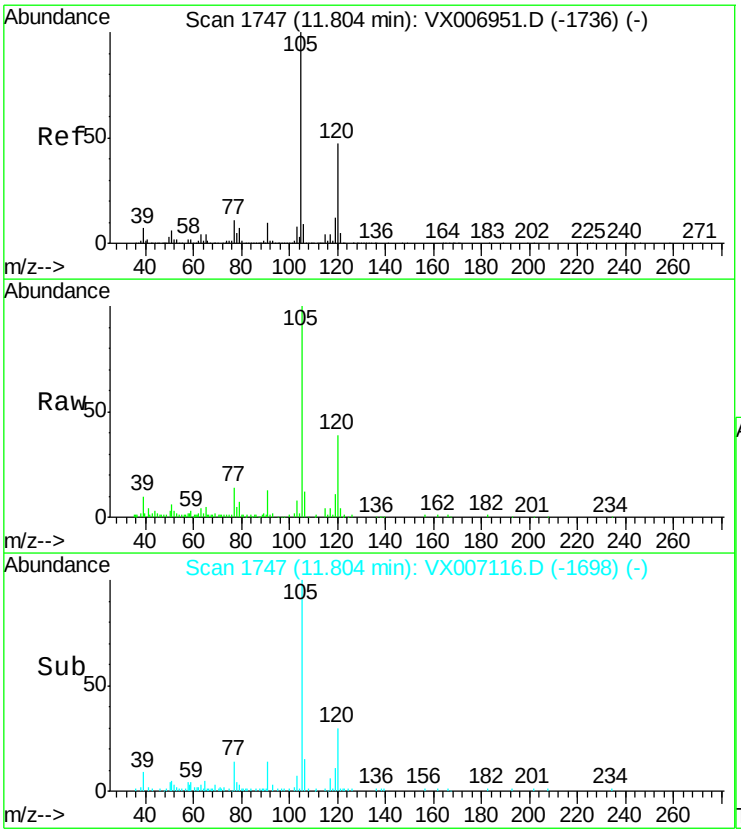
#81
trans-1,4-Dichloro-2-butene
Concen: 65.042 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 75 Resp: 188229

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.7	119.5#
89	0.0	38.0	57.0#

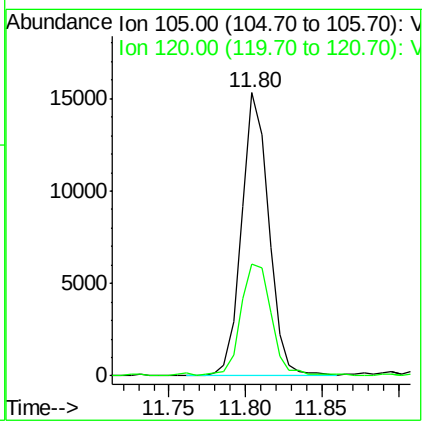


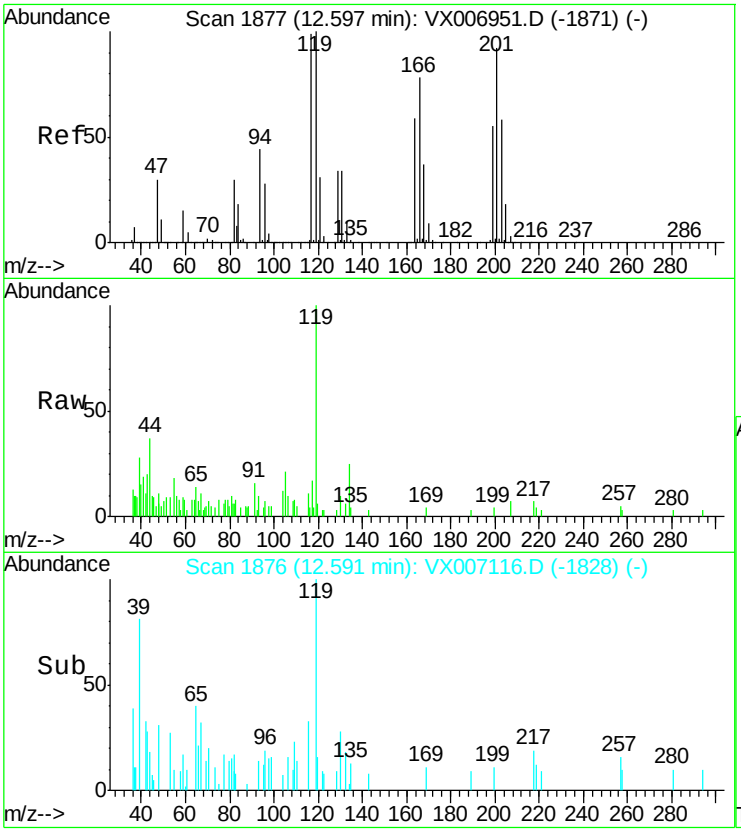


#84
1,2,4-Trimethylbenzene
Concen: 0.755 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion:105 Resp: 18921

Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.2	69.6



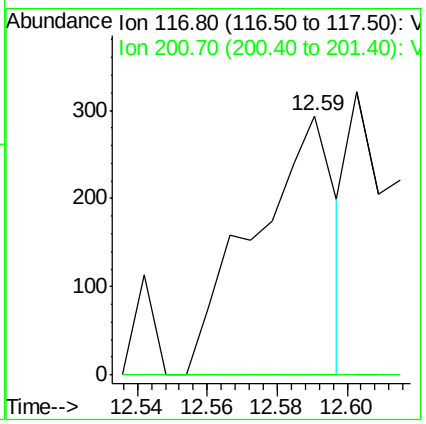


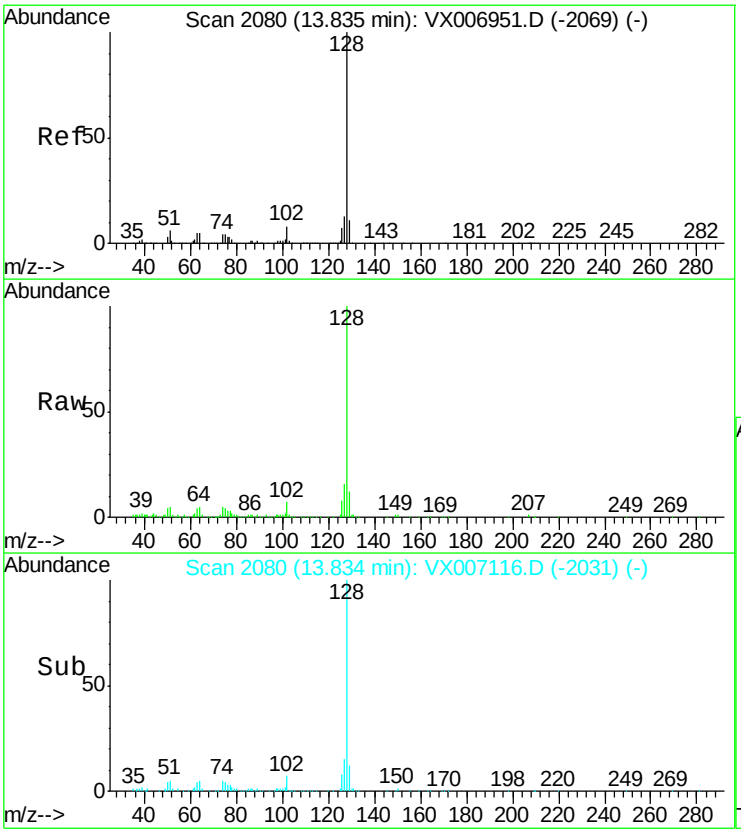
#90
Hexachloroethane
Concen: 3.013 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Instrument :
MSVOA_X
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:117 Resp: 473

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#





#95
Naphthalene
Concen: 1.403 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007116.D
Acq: 18 Jan 2019 04:15

Tgt Ion:128 Resp: 42748

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.1	15.1
129	11.6	8.6	13.0