Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011719\
Data File : VX007110.D
Acq On : 18 Jan 2019 01:35
Operator : JC/SP
Sample : K1156-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : COMP-9

Quant Time: Jan 18 05:08:10 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	586230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	892817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	853505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	310228	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.28%			
35) Dibromofluoromethane	5.50	113	274447	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.00%			
50) Toluene-d8	8.71	98	1091035	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.26%			
62) 4-Bromofluorobenzene	11.13	95	389168	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.68%			
Target Compounds						Qvalue
8) Diethyl Ether	2.18	74	1278	0.330	ug/l	74
11) Tert butyl alcohol	3.07	59	2596	1.796	ug/l #	91
13) Acrolein	2.31	56	362	3.658	ug/l	87
14) Allyl chloride	2.86	41	35408	3.835	ug/l #	26
16) Acetone	2.45	43	21528	7.108	ug/l	93
18) Methyl Acetate	2.78	43	12123	1.382	ug/l	91
20) Methylene Chloride	2.86	84	1022698	178.987	ug/l	94
25) 2-Butanone	4.70	43	10158	2.344	ug/l	98
29) Tetrahydrofuran	5.15	42	2009	0.713	ug/l #	77
36) 1,1-Dichloropropene	5.66	75	36917	4.756	ug/l #	39
38) Carbon Tetrachloride	5.67	117	53005	6.787	ug/l #	14
43) Isopropyl Acetate	6.46	43	35125	2.676	ug/l	98
48) Methyl methacrylate	7.68	41	20905	3.101	ug/l #	22
49) 1,4-Dioxane	7.76	88	158	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	172649	20.466	ug/l #	49
52) Toluene	8.79	92	3468	0.228	ug/l	99
54) cis-1,3-Dichloropropene	8.62	75	84079	9.639	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	17196	1.723	ug/l #	45
59) 2-Hexanone	9.54	43	220841	34.352	ug/l #	51
64) Tetrachloroethene	9.34	164	1485	0.201	ug/l #	72
68) m/p-Xylenes	10.36	106	3235	0.267	ug/l	75
76) 1,2,3-Trichloropropane	11.13	75	186401	22.091	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	186401	65.407	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	6624	0.269	ug/l	95
90) Hexachloroethane	12.61	117	507	3.023	ug/l #	12
95) Naphthalene	13.83	128	153264	5.109	ug/l	99

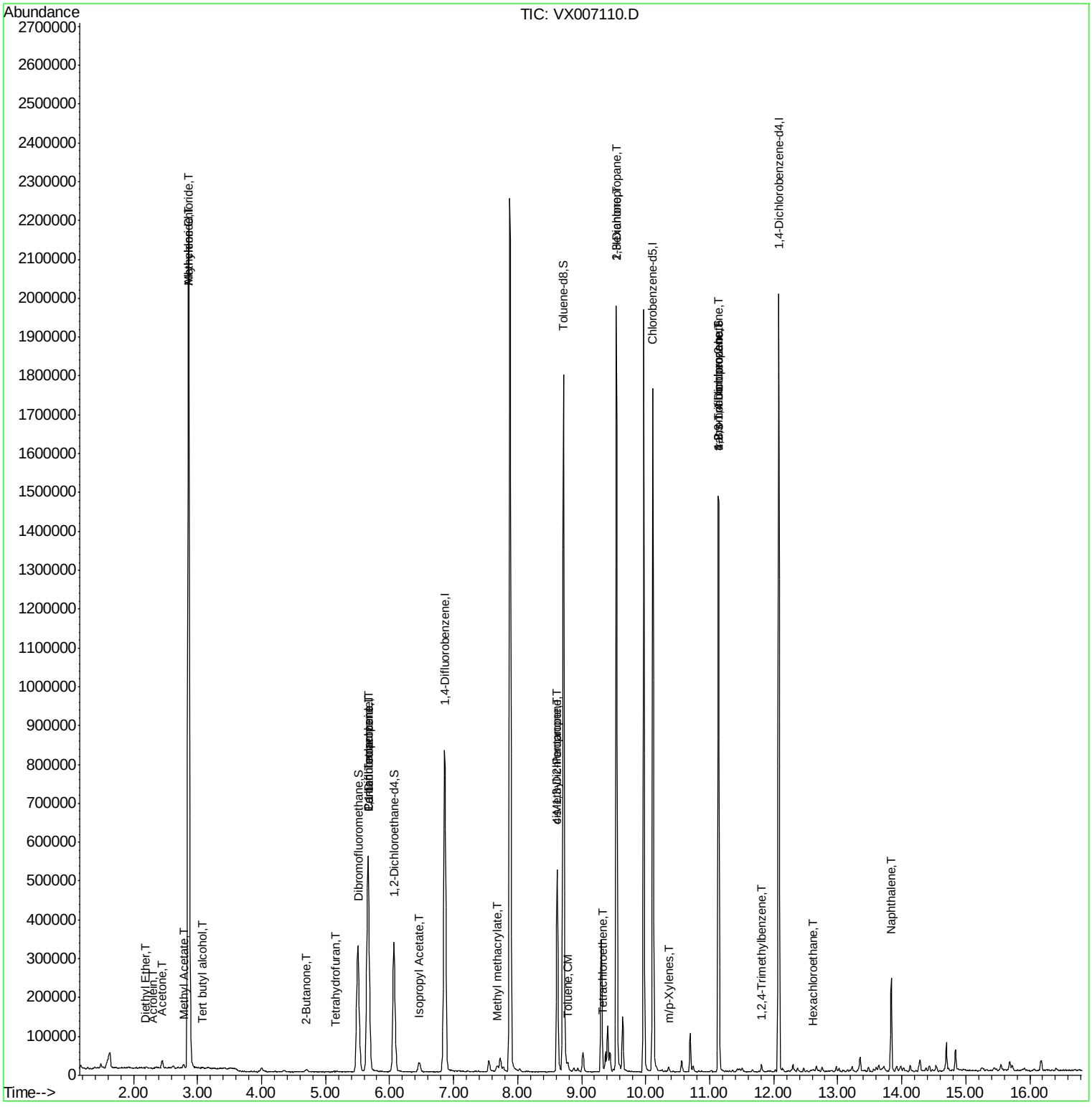
(#) = qualifier out of range (m) = manual integration (+) = signals summed

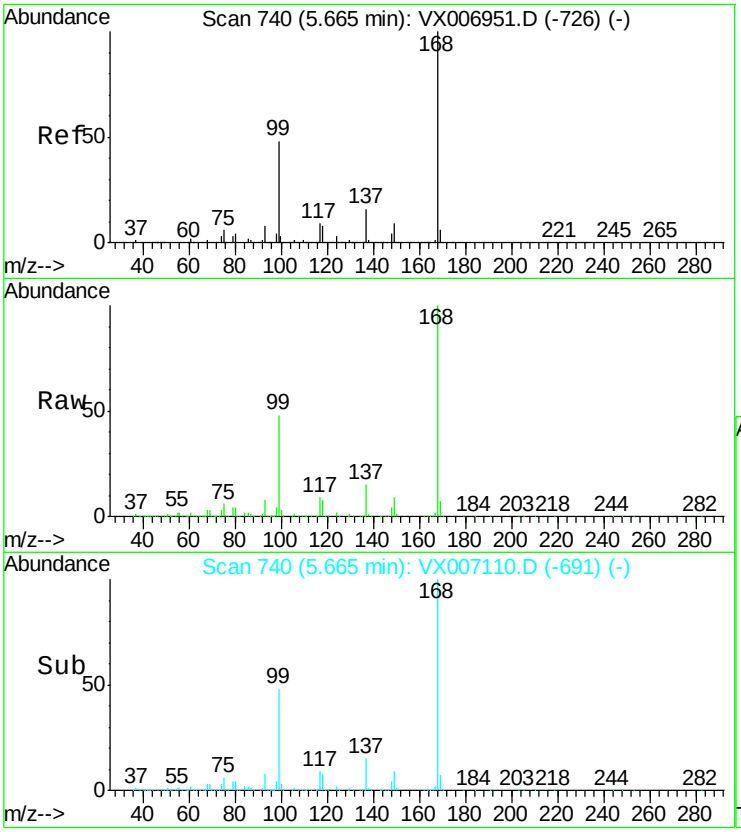
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007110.D
Acq On : 18 Jan 2019 01:35
Operator : JC/SP
Sample : K1156-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Quant Time: Jan 18 05:08:10 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



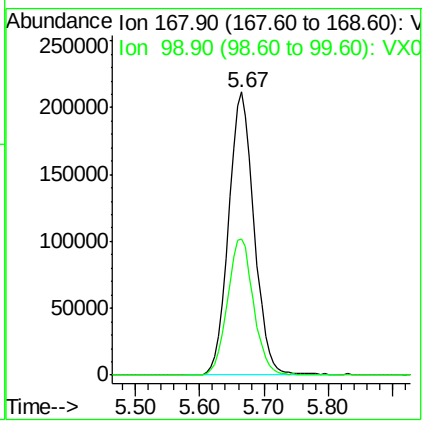


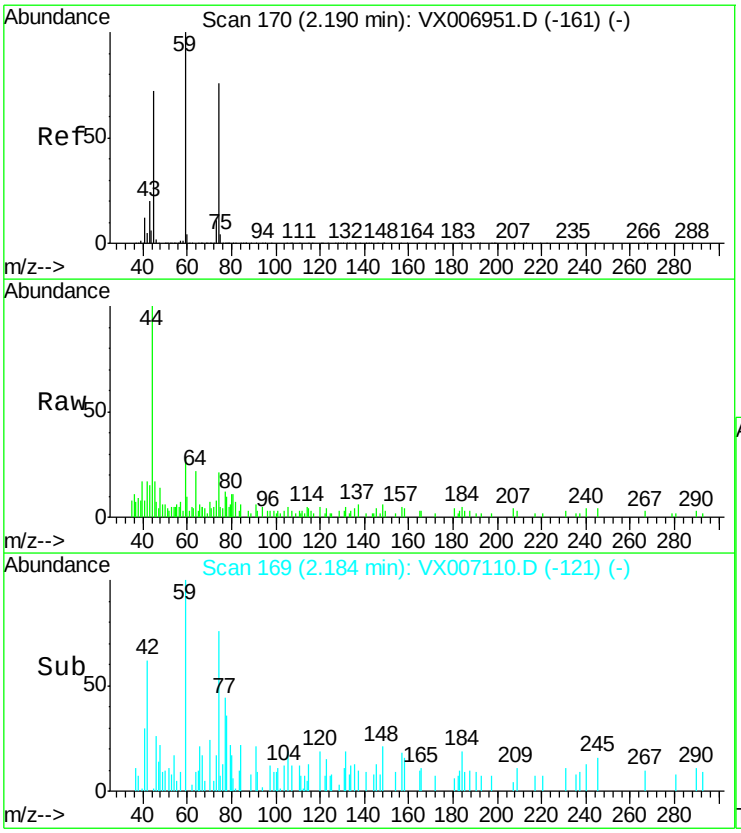
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion:168 Resp: 586230

Ion	Ratio	Lower	Upper
168	100		
99	48.0	41.8	62.8

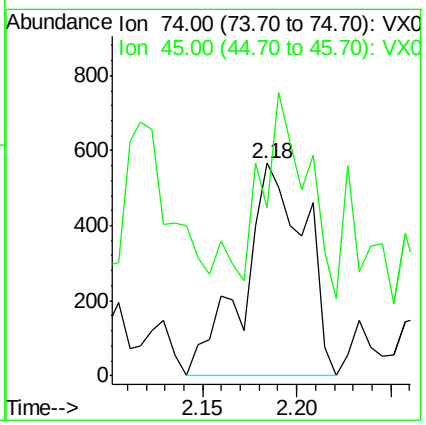


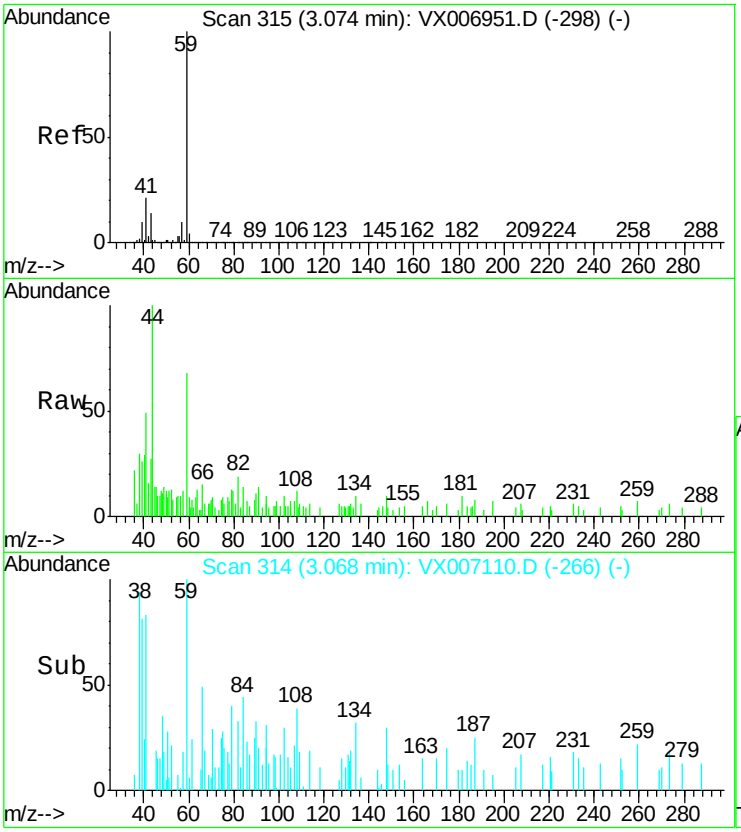


#8
Diethyl Ether
Concen: 0.330 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 74 Resp: 1278

Ion	Ratio	Lower	Upper
74	100		
45	68.1	46.3	138.9



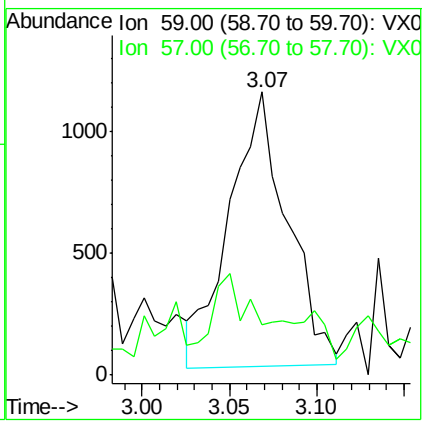


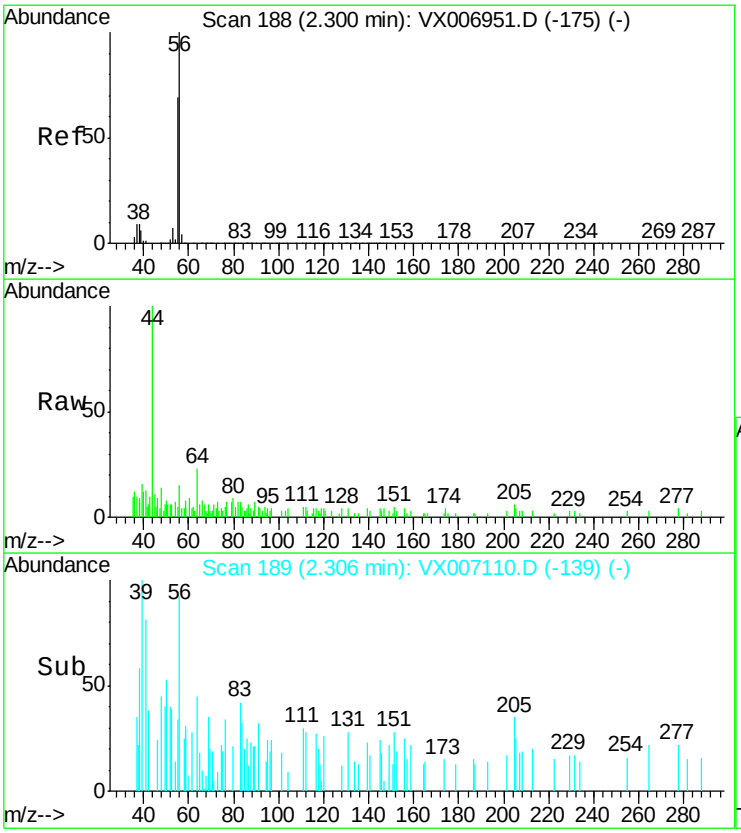
#11
Tert butyl alcohol
Concen: 1.796 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 59 Resp: 2596

Ion	Ratio	Lower	Upper
59	100		
57	14.0	8.5	12.7#

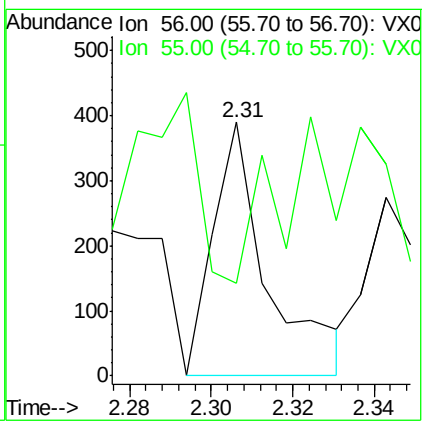


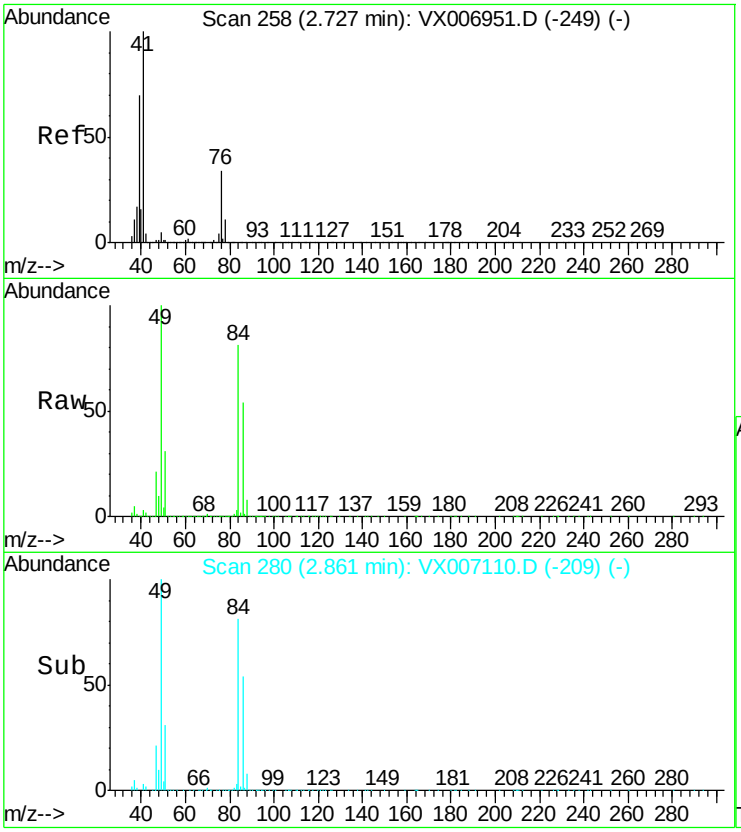


#13
Acrolein
Concen: 3.658 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 56 Resp: 362

Ion	Ratio	Lower	Upper
56	100		
55	83.4	58.2	87.4



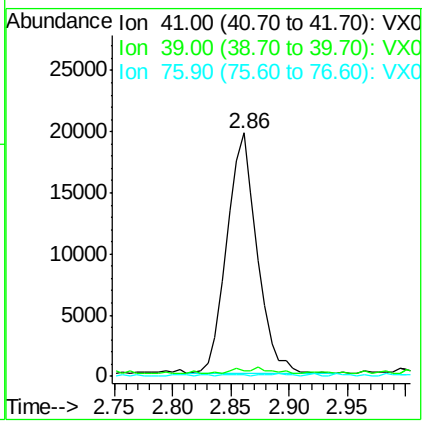


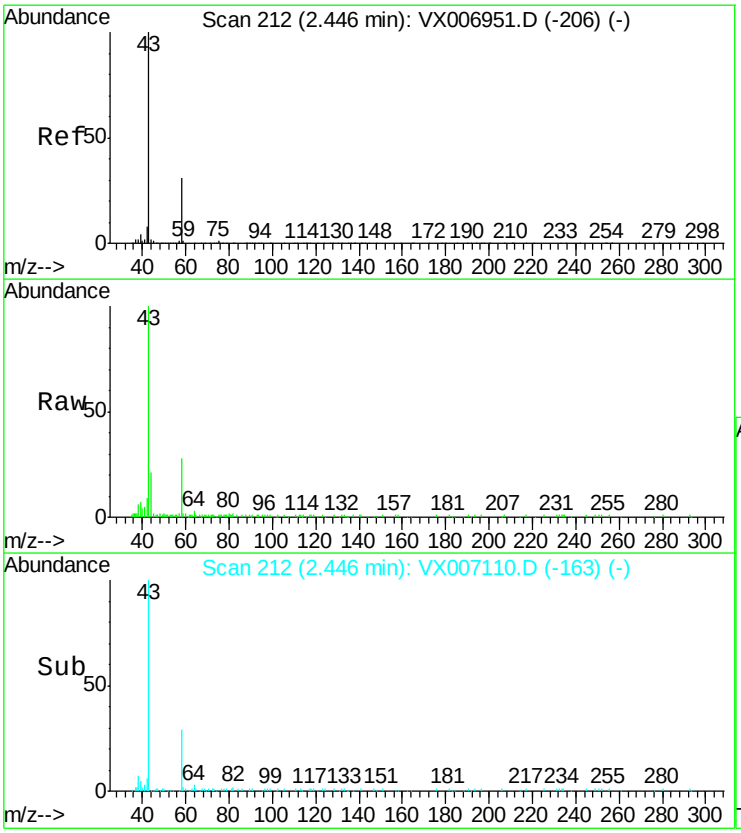
#14
Allyl chloride
Concen: 3.835 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 41 Resp: 35408

Ion	Ratio	Lower	Upper
41	100		
39	0.9	53.6	80.4#
76	0.6	27.4	41.2#

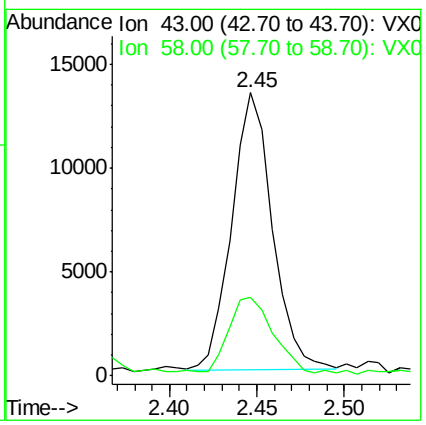


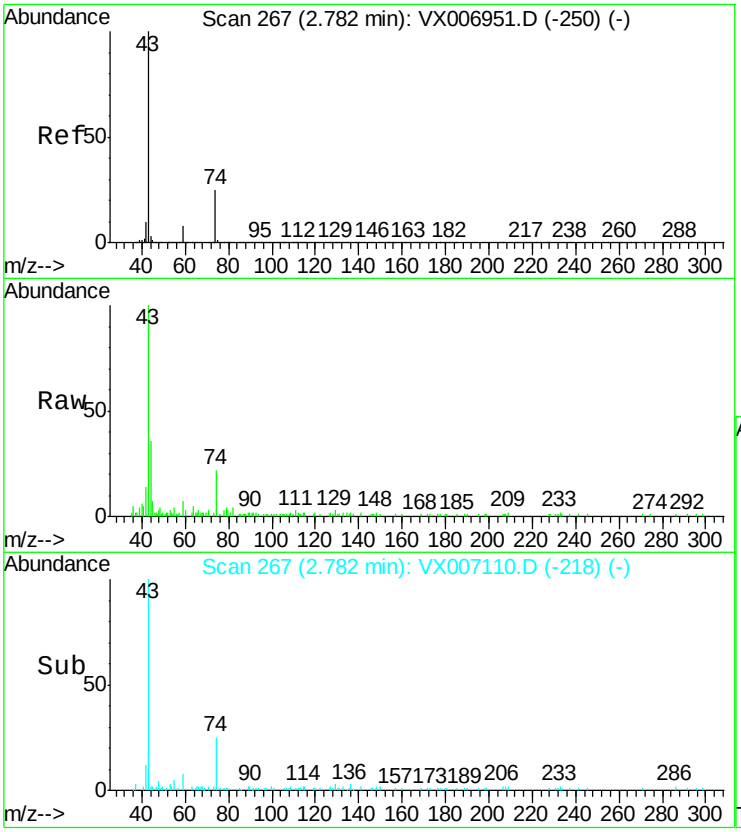


#16
Acetone
Concen: 7.108 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 43 Resp: 21528

Ion	Ratio	Lower	Upper
43	100		
58	27.3	25.0	37.6



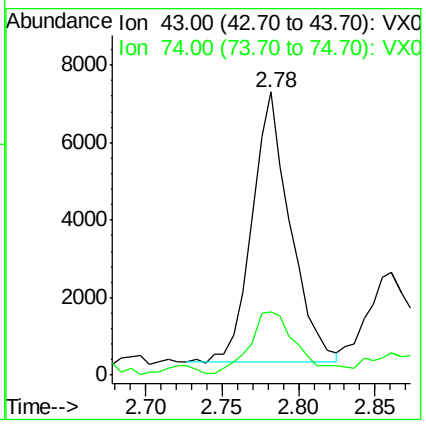


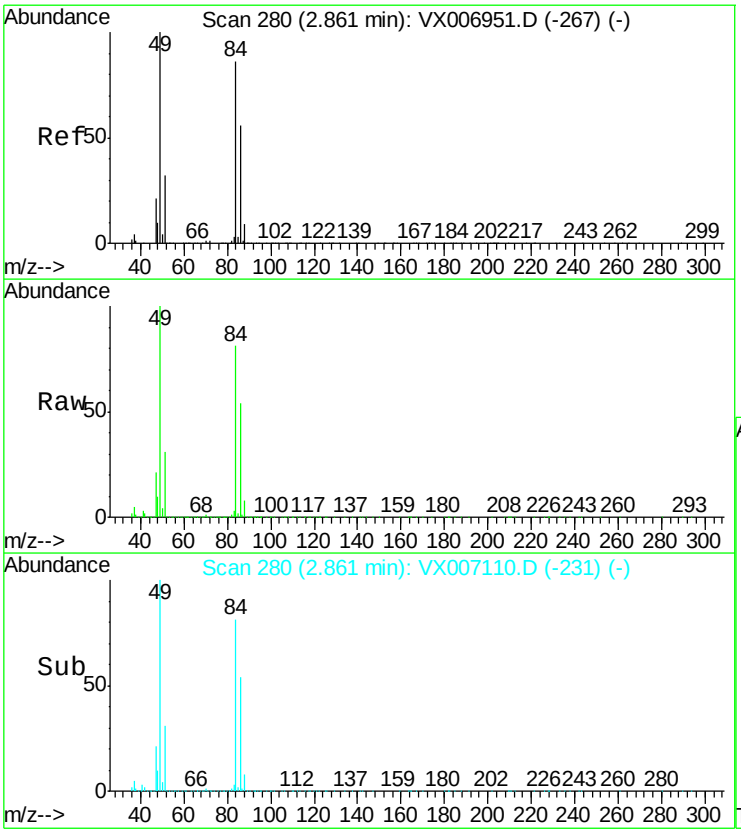
#18
Methyl Acetate
Concen: 1.382 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 43 Resp: 12123

Ion	Ratio	Lower	Upper
43	100		
74	27.5	18.6	28.0

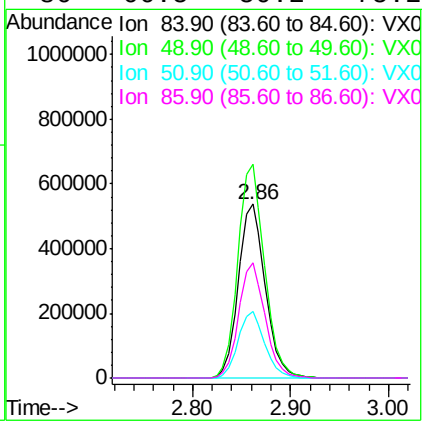


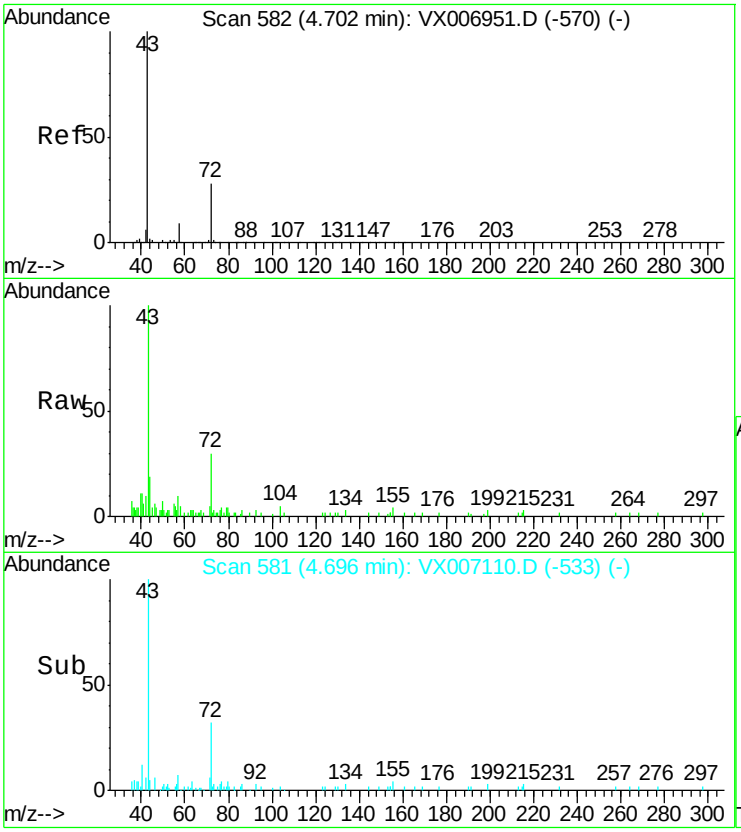


#20
Methylene Chloride
Concen: 178.987 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 84 Resp: 1022698

Ion	Ratio	Lower	Upper
84	100		
49	122.9	91.8	137.6
51	38.4	28.5	42.7
86	66.5	50.2	75.2



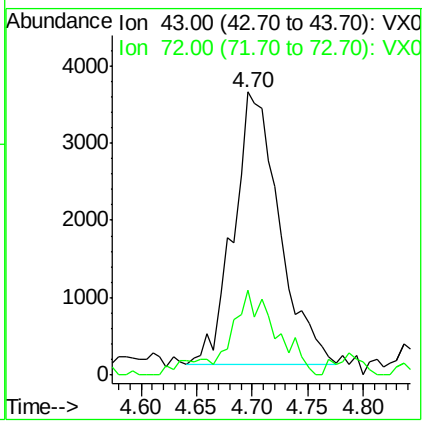


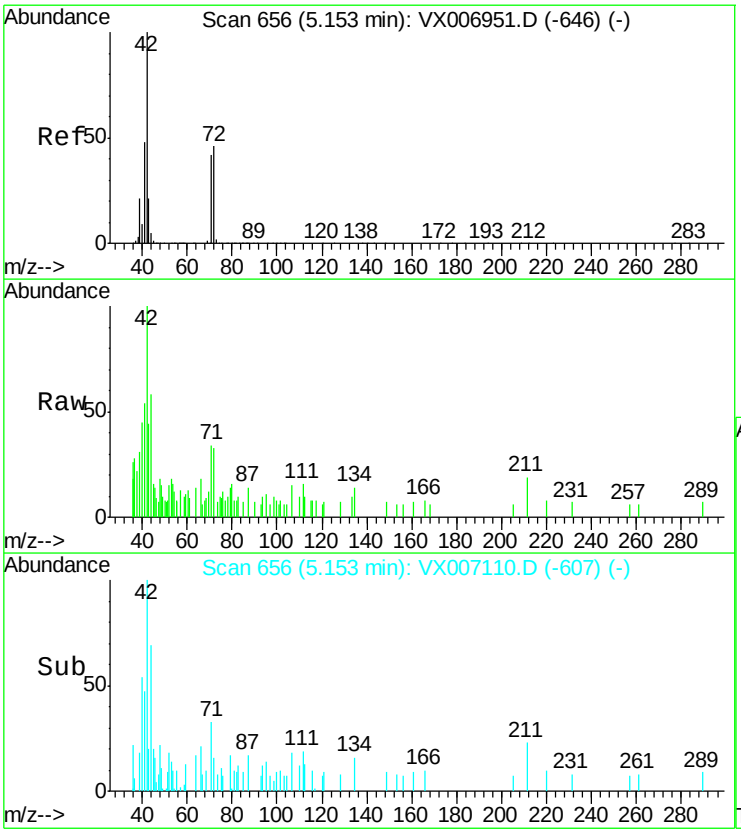
#25
2-Butanone
Concen: 2.344 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 43 Resp: 10158

Ion	Ratio	Lower	Upper
43	100		
72	27.2	22.4	33.6

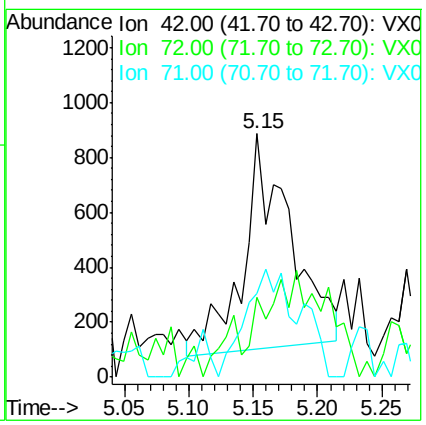


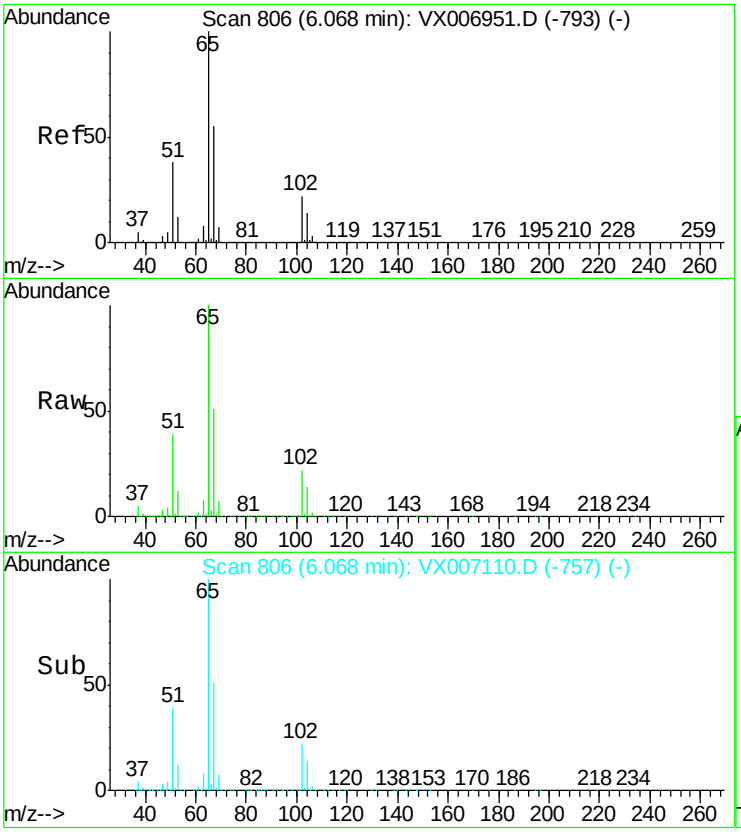


#29
Tetrahydrofuran
Concen: 0.713 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 42 Resp: 2009

Ion	Ratio	Lower	Upper
42	100		
72	18.2	38.9	58.3#
71	44.9	36.2	54.4



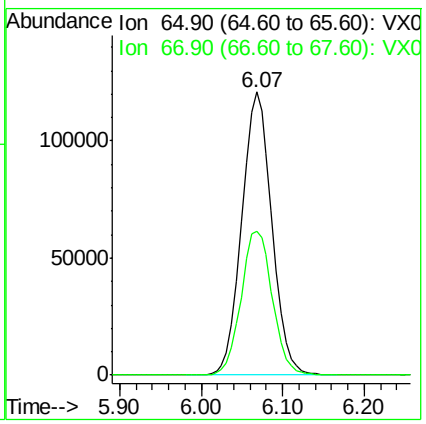


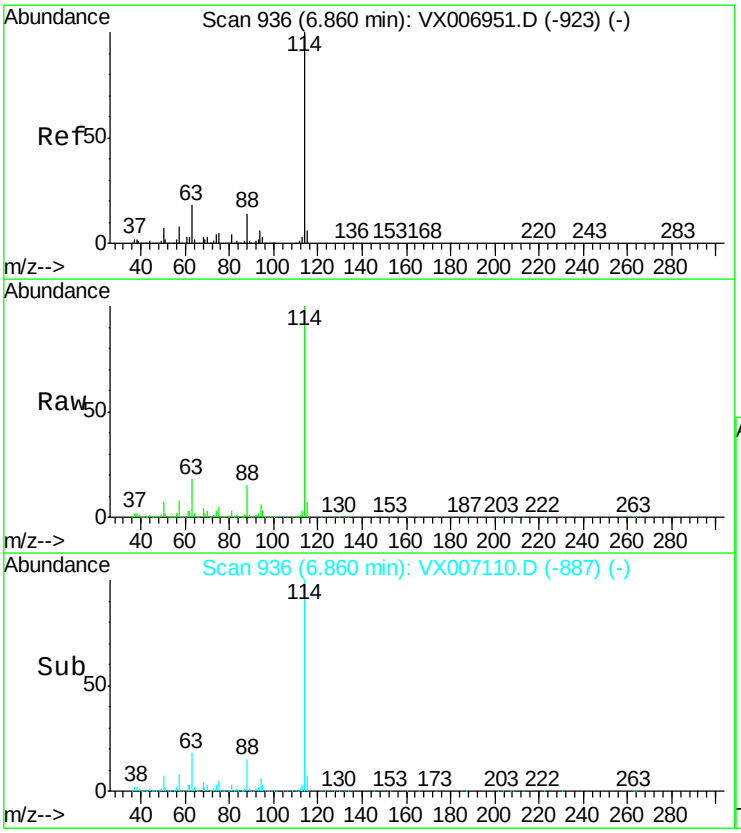
#33
1,2-Dichloroethane-d4
Concen: 50.636 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 65 Resp: 310228

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0

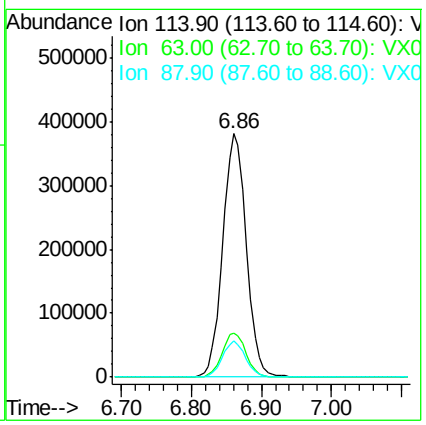


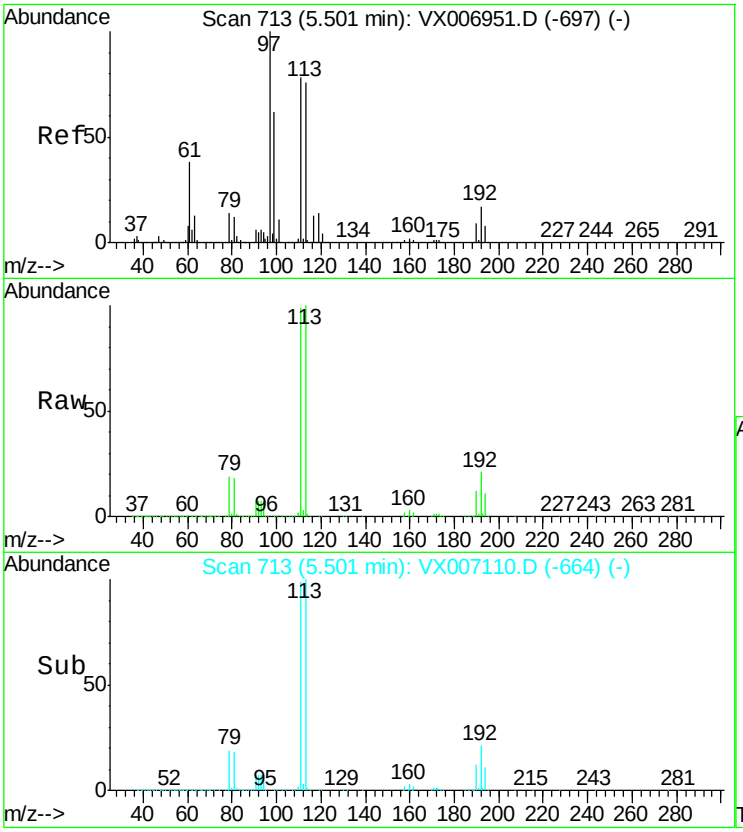


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion:114 Resp: 892817

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	34.8
88	14.8	0.0	28.8



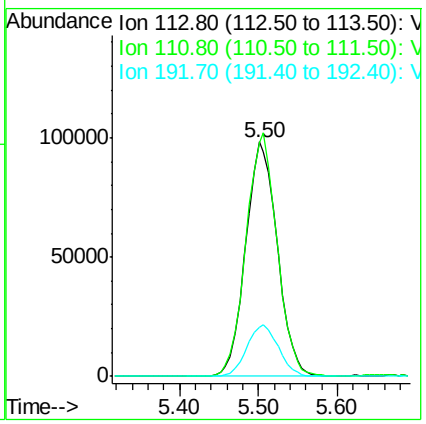


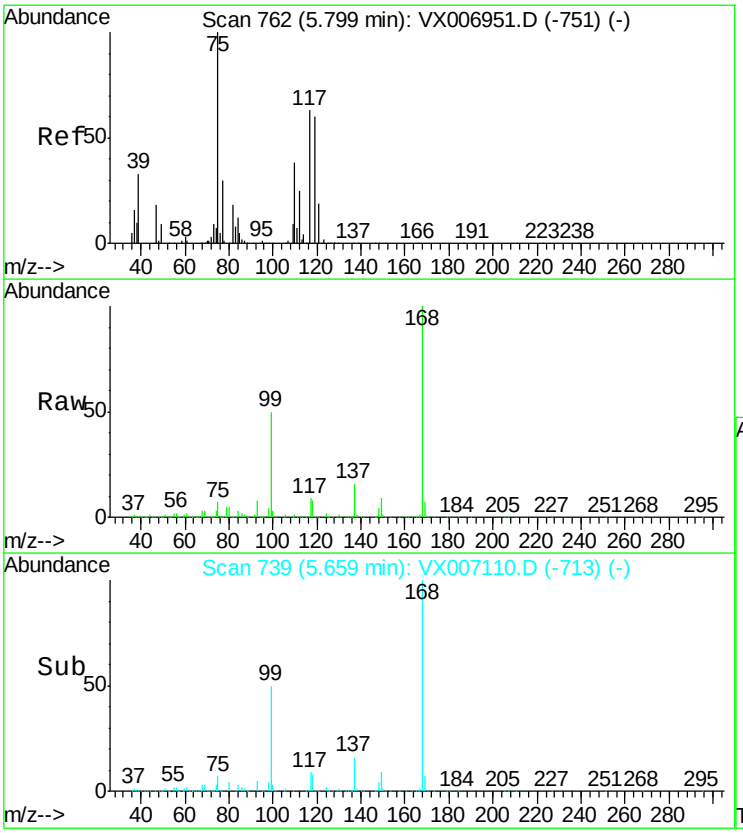
#35
Dibromofluoromethane
Concen: 48.001 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion:113 Resp: 274447

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	21.9	16.7	25.1

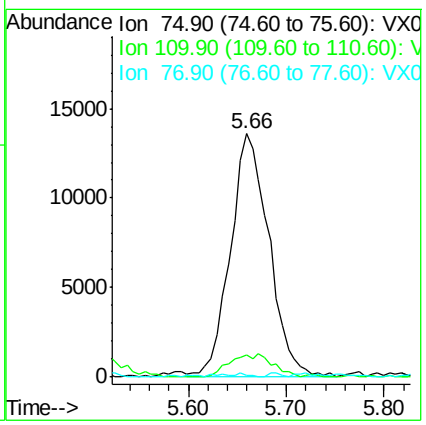


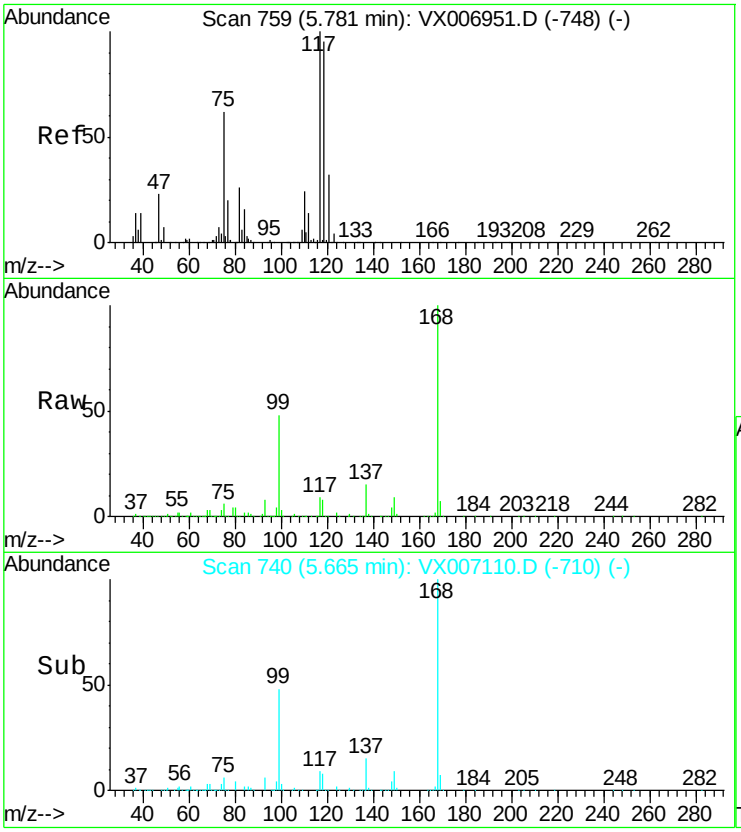


#36
1,1-Dichloropropene
Concen: 4.756 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 75 Resp: 36917

Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.2	60.5#
77	0.4	24.8	37.2#



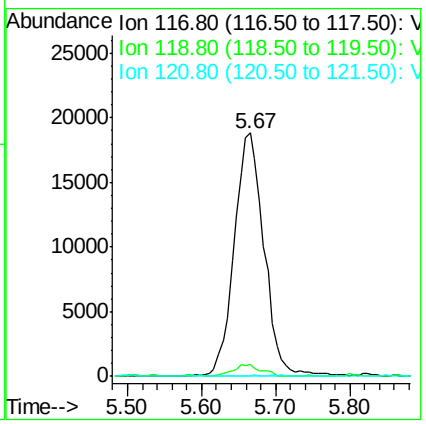


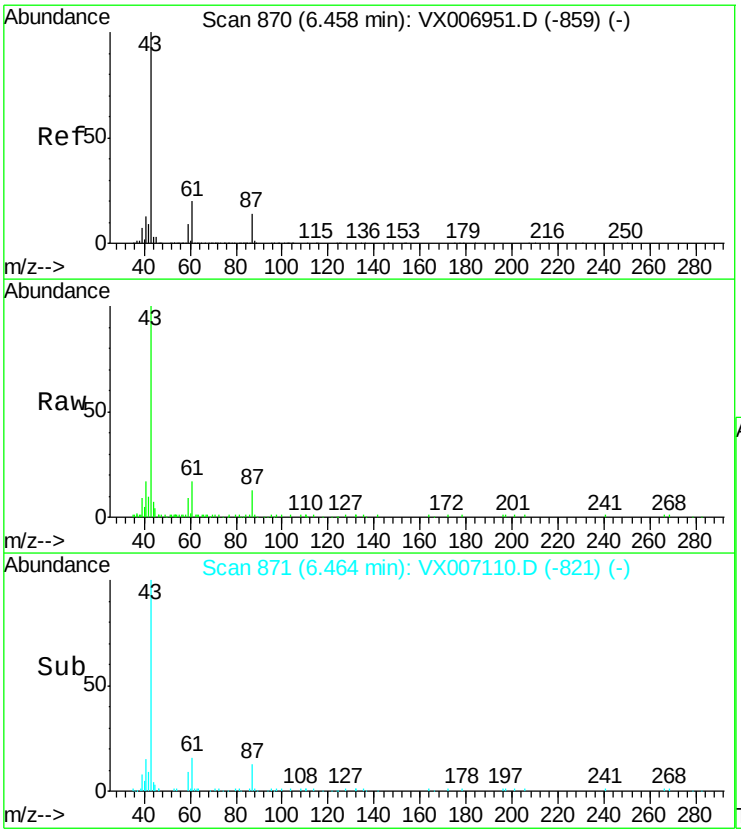
#38
Carbon Tetrachloride
Concen: 6.787 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion:117 Resp: 53005

Ion	Ratio	Lower	Upper
117	100		
119	5.0	79.4	119.2#
121	0.0	24.0	36.0#

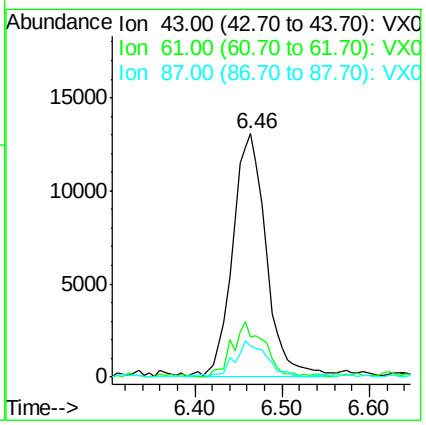


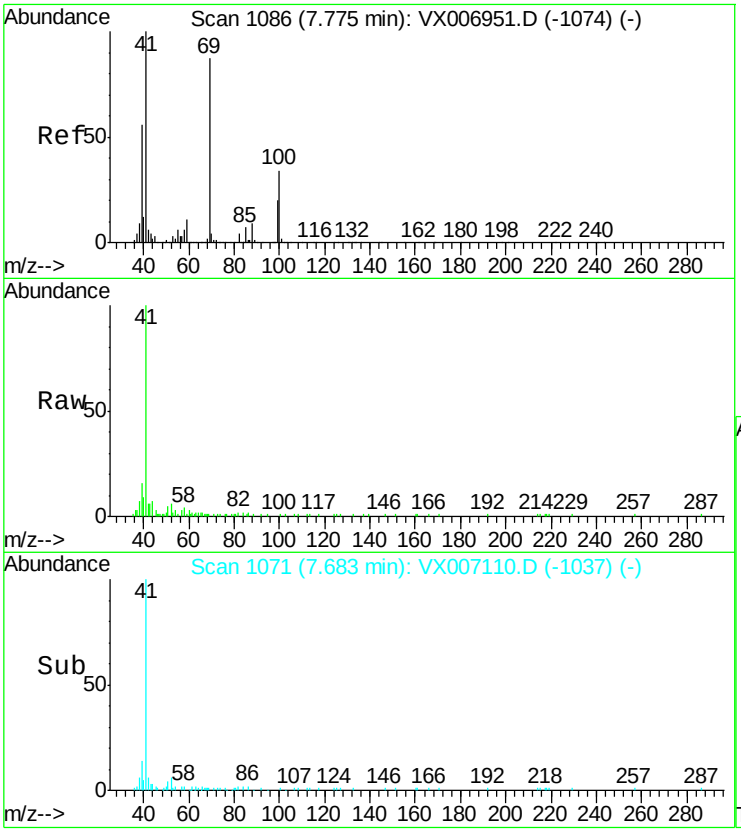


#43
Isopropyl Acetate
Concen: 2.676 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 43 Resp: 35125

Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	13.7	12.4	18.6



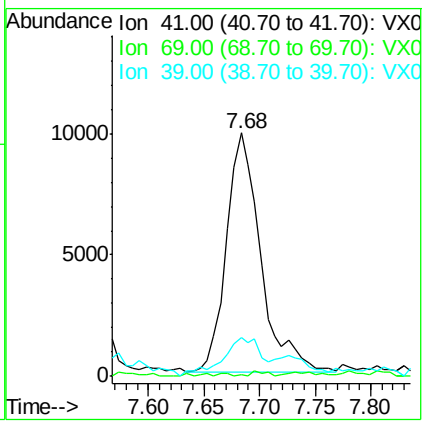


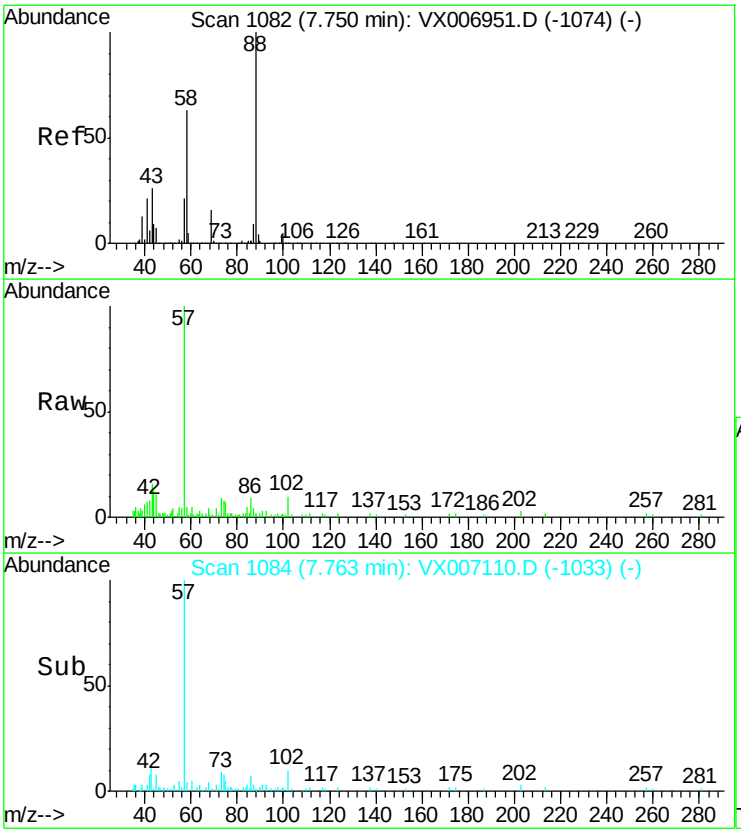
#48
Methyl methacrylate
Concen: 3.101 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument : MSVOA_X
ClientSampleId : COMP-9

Tgt Ion: 41 Resp: 20905

Ion	Ratio	Lower	Upper
41	100		
69	1.1	72.4	108.6#
39	18.2	45.8	68.8#

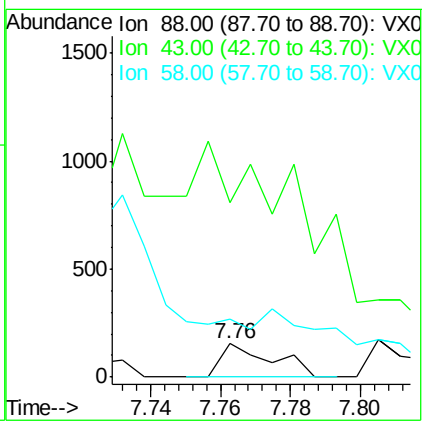


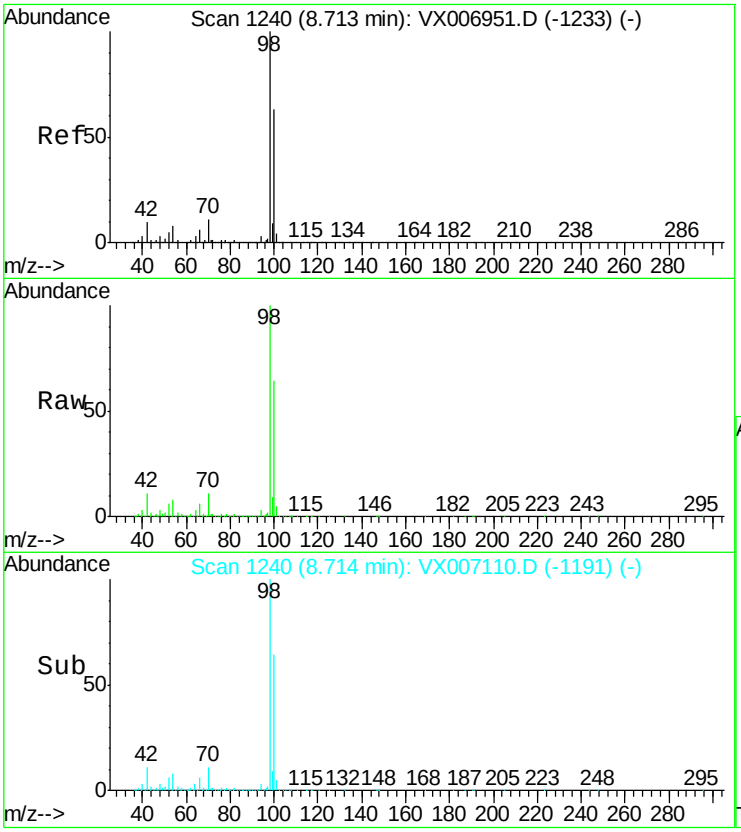


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 88 Resp: 158

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



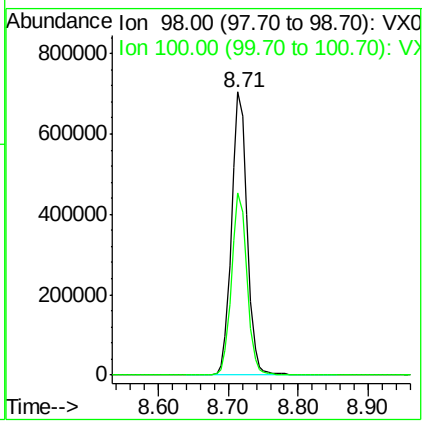


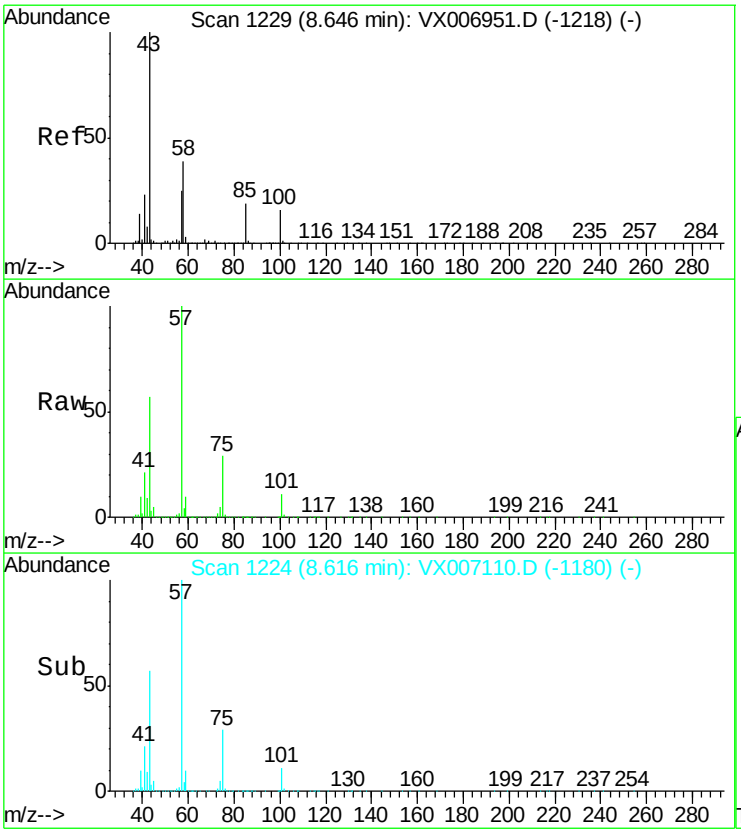
#50
Toluene-d8
Concen: 52.133 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 98 Resp: 1091035

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0

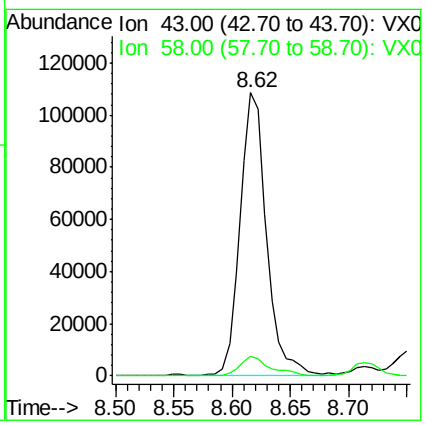


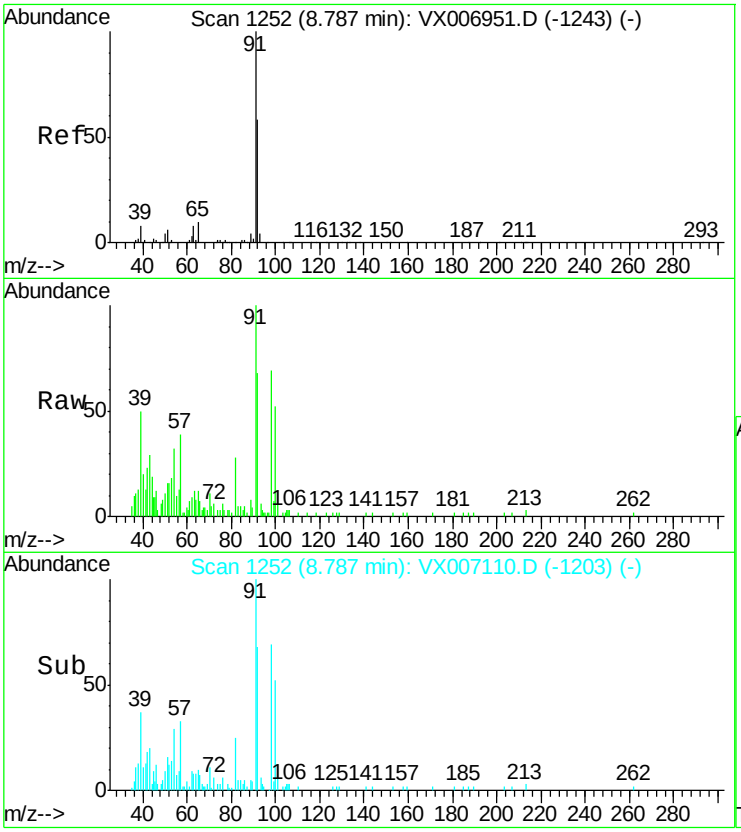


#51
4-Methyl-2-Pentanone
Concen: 20.466 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 43 Resp: 172649

Ion	Ratio	Lower	Upper
43	100		
58	8.1	31.8	47.6#



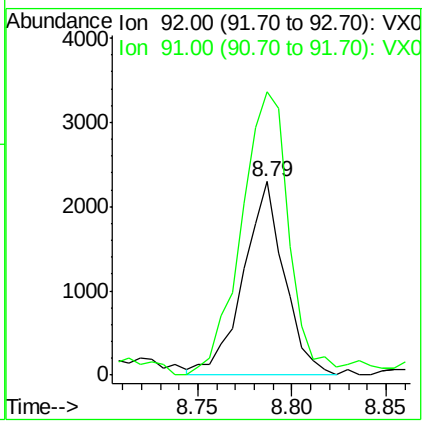


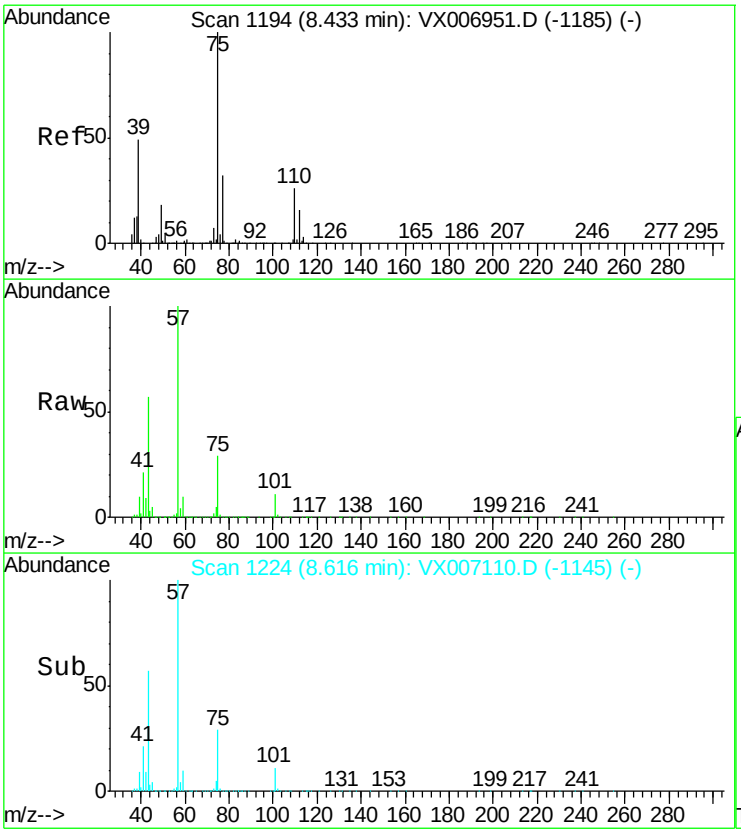
#52
Toluene
Concen: 0.228 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 92 Resp: 3468

Ion	Ratio	Lower	Upper
92	100		
91	171.0	137.6	206.4

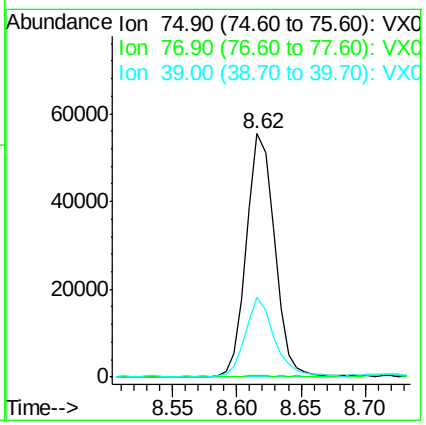


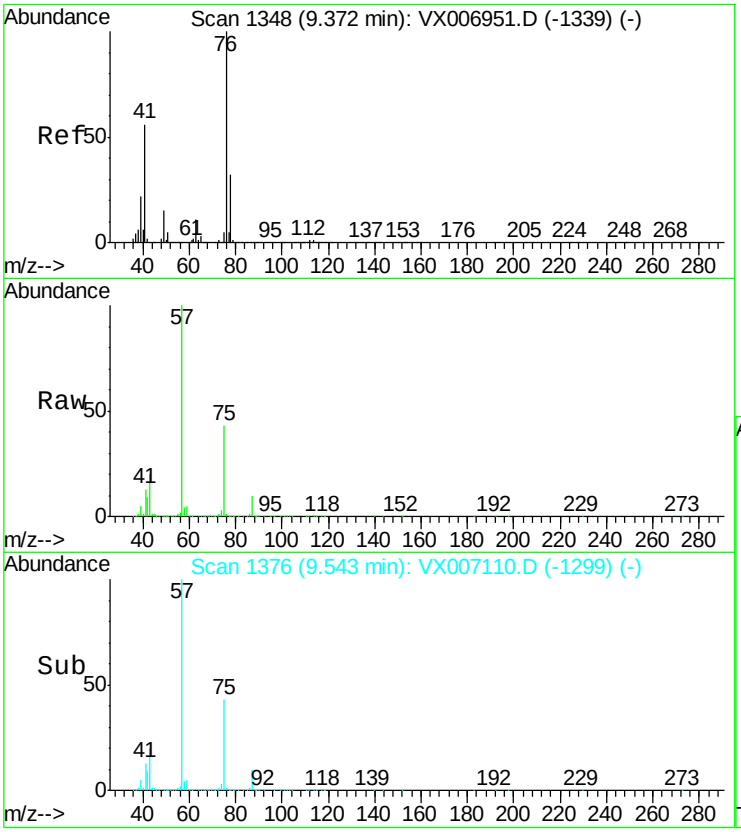


#54
cis-1,3-Dichloropropene
Concen: 9.639 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 75 Resp: 84079

Ion	Ratio	Lower	Upper
75	100		
77	0.5	26.2	39.2#
39	32.0	36.7	55.1#



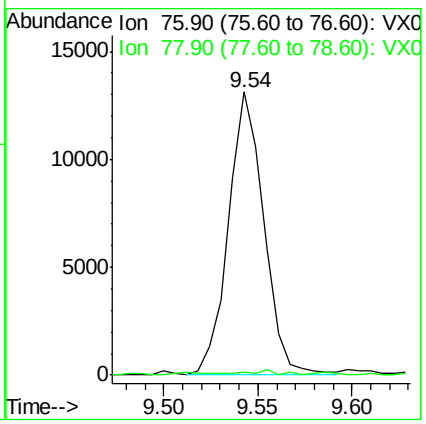


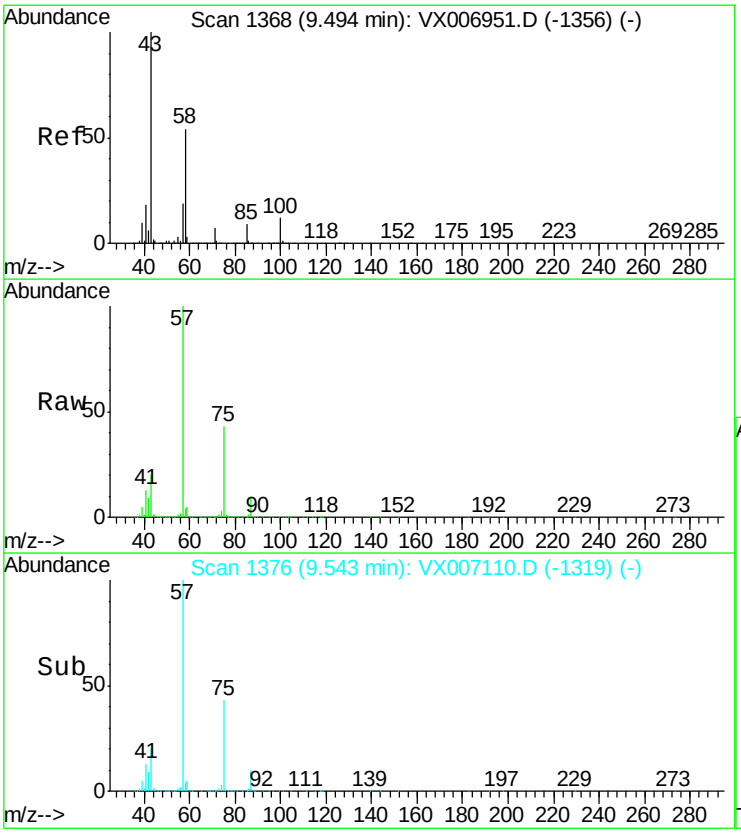
#57
1,3-Dichloropropane
Concen: 1.723 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 76 Resp: 17196

Ion	Ratio	Lower	Upper
76	100		
78	1.4	26.0	39.0#

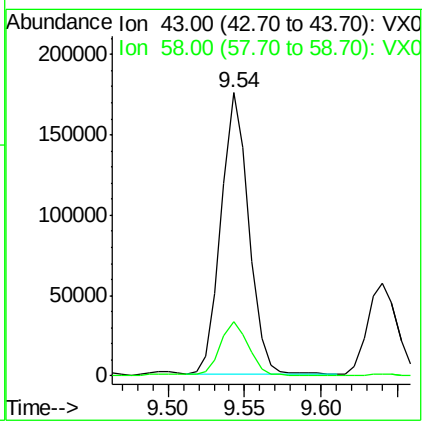


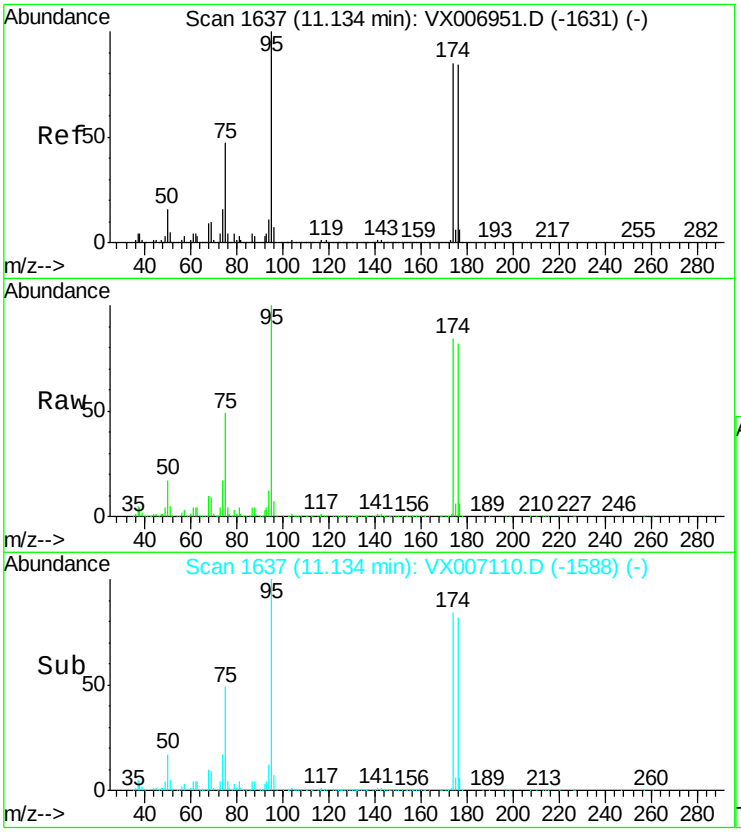


#59
2-Hexanone
Concen: 34.352 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 43 Resp: 220841

Ion	Ratio	Lower	Upper
43	100		
58	19.7	27.7	83.1#



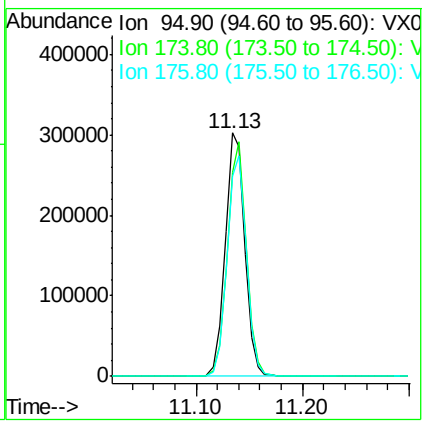


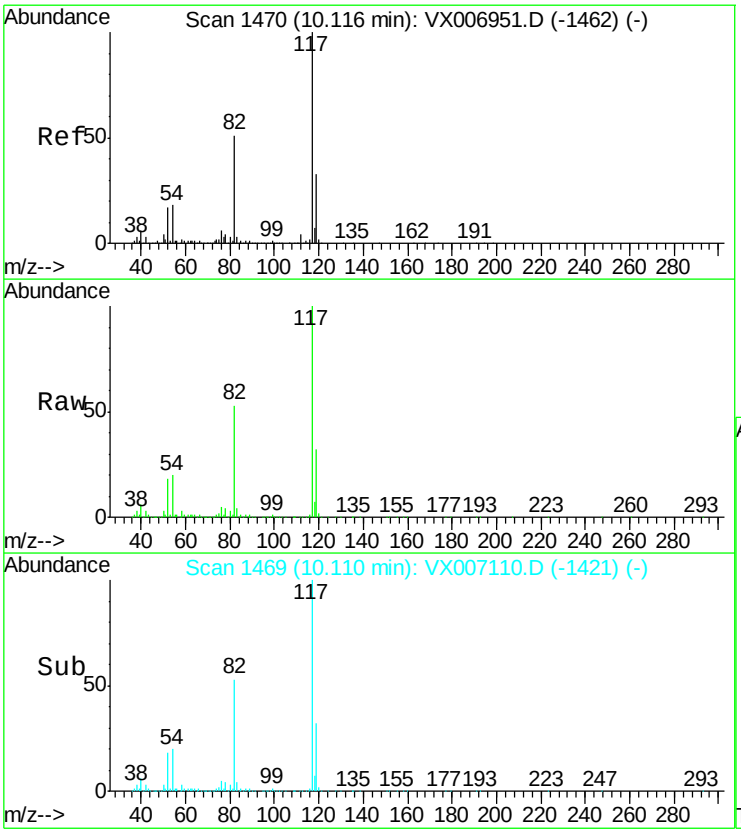
#62
4-Bromofluorobenzene
Concen: 53.340 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 95 Resp: 389168

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	182.2
176	89.9	0.0	178.8

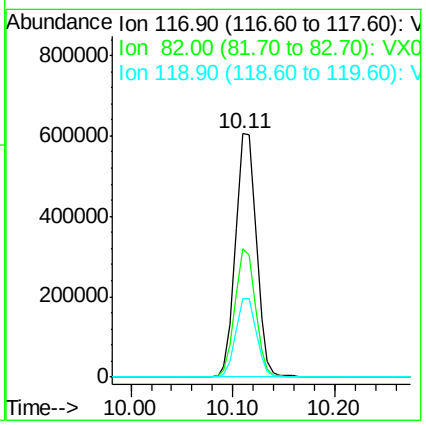


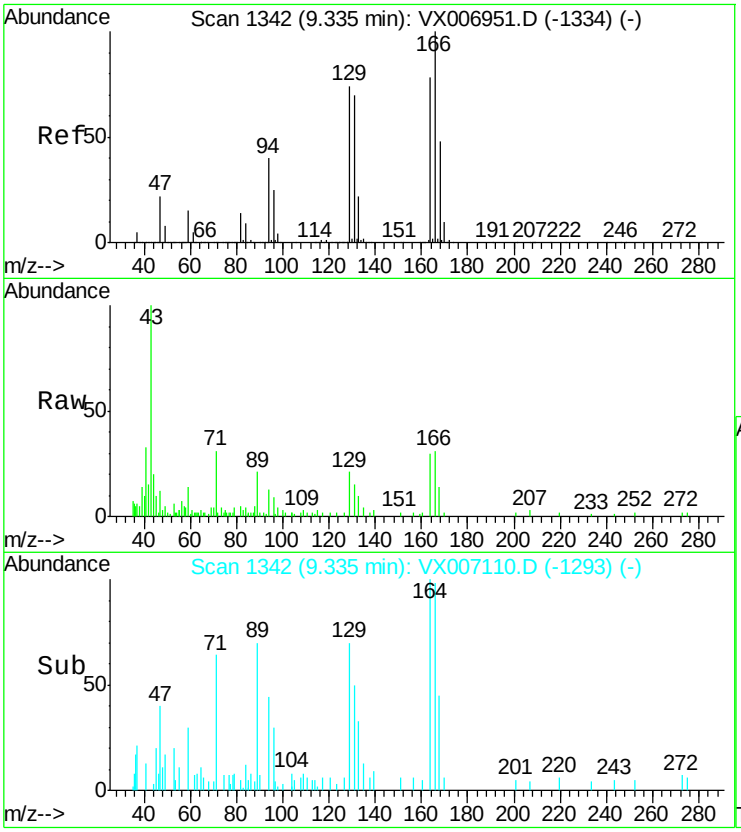


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion:117 Resp: 853505

Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.0	61.6
119	32.1	25.4	38.0



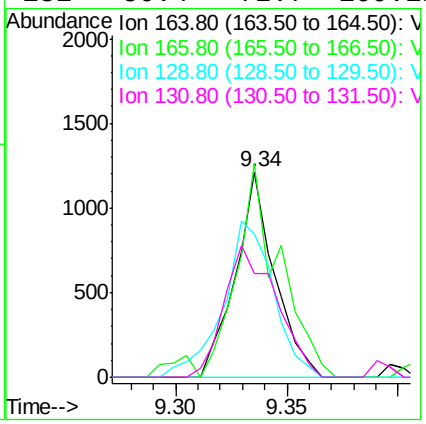


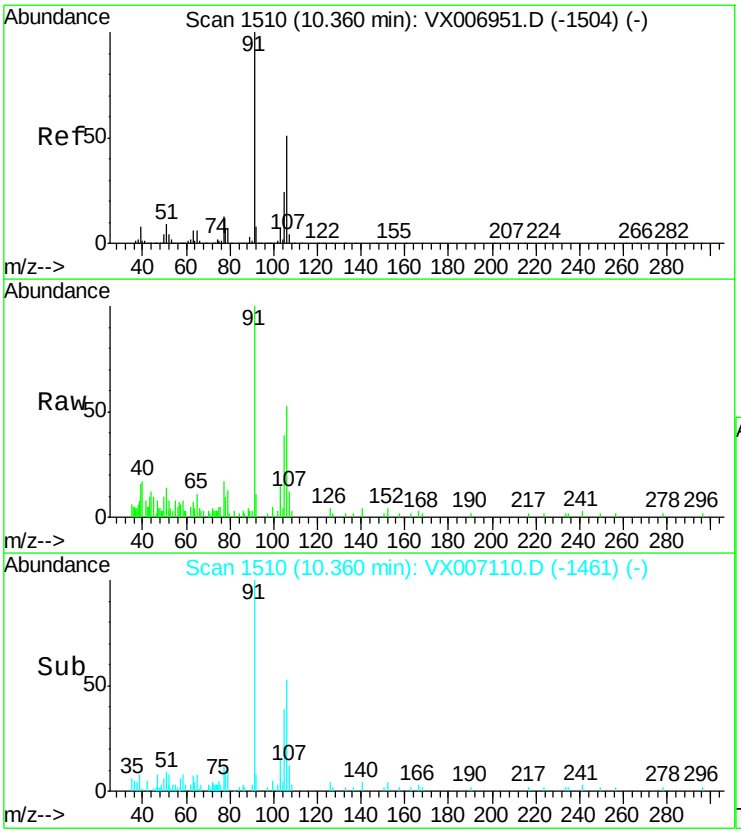
#64
Tetrachloroethene
Concen: 0.201 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion:164 Resp: 1485

Ion	Ratio	Lower	Upper
164	100		
166	104.3	102.5	153.7
129	70.2	75.1	112.7#
131	50.4	72.7	109.1#

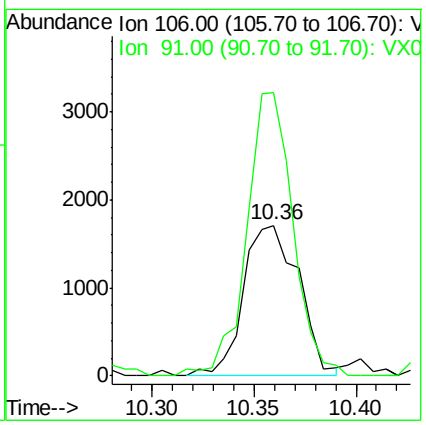


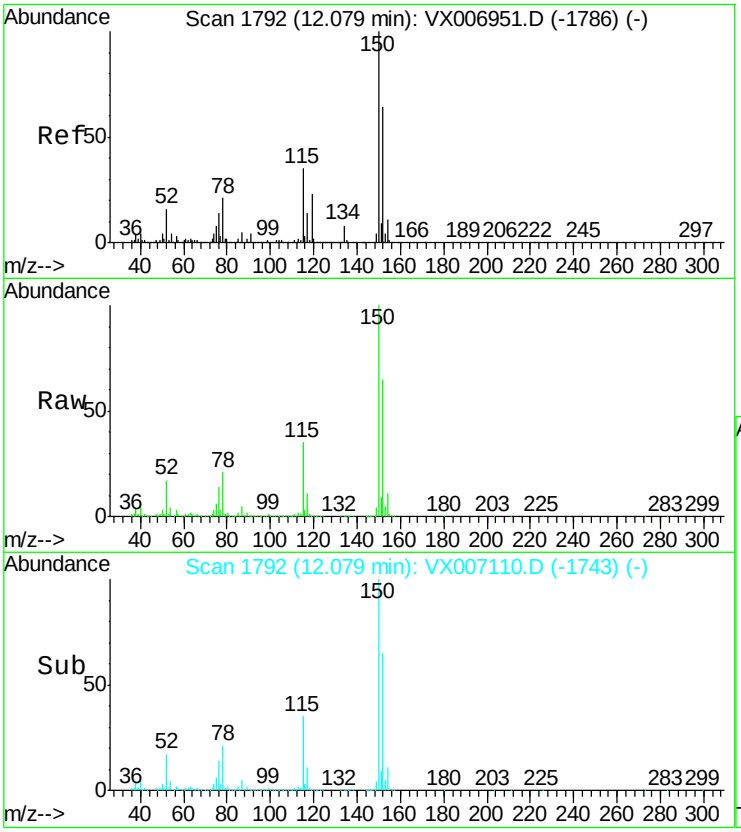


#68
m/p-Xylenes
Concen: 0.267 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion:106 Resp: 3235

Ion	Ratio	Lower	Upper
106	100		
91	157.6	155.8	233.6



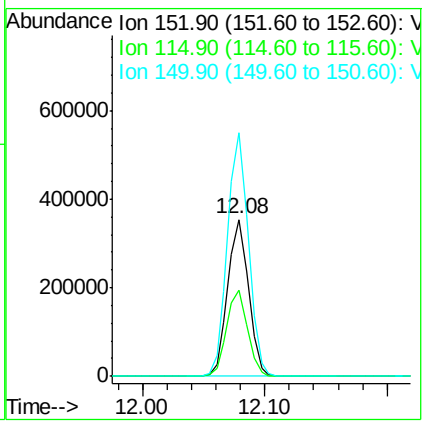


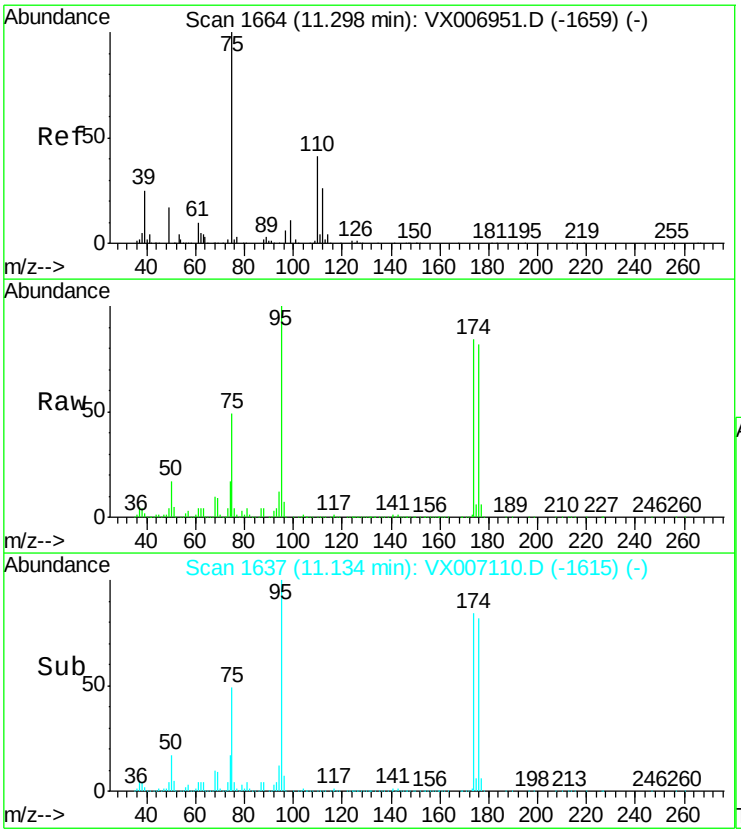
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion:152 Resp: 416384

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.2
150	156.4	0.0	344.8

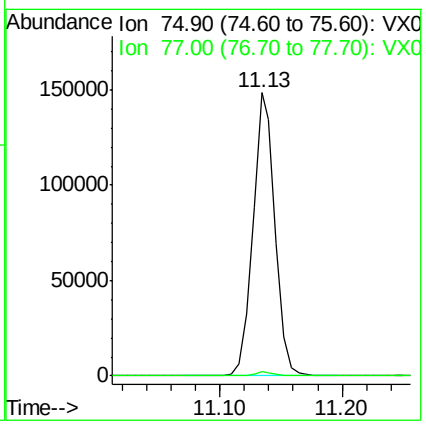


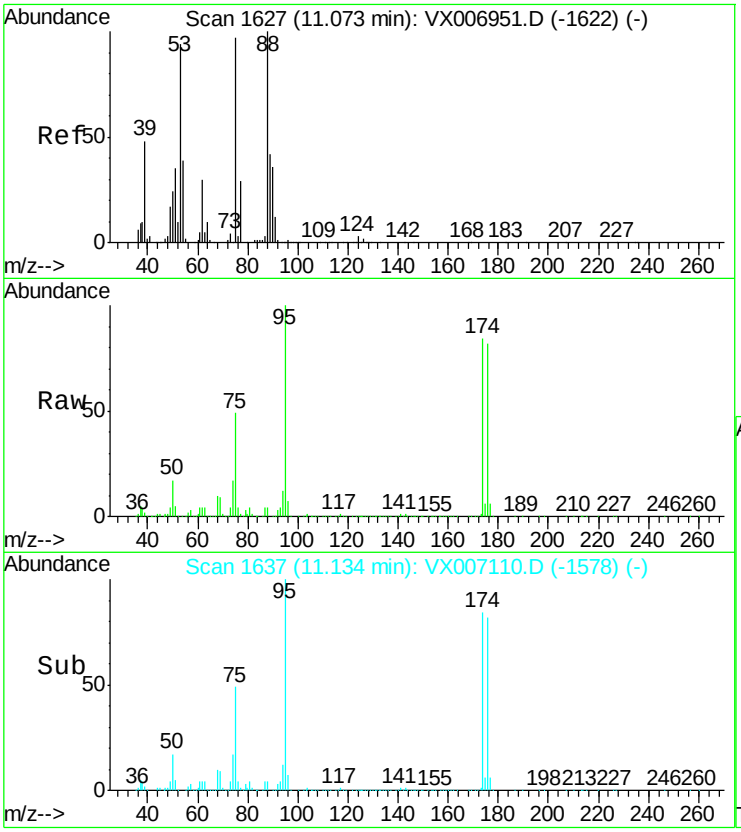


#76
1,2,3-Trichloropropane
Concen: 22.091 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion: 75 Resp: 186401

Ion	Ratio	Lower	Upper
75	100		
77	1.6	18.5	55.5#



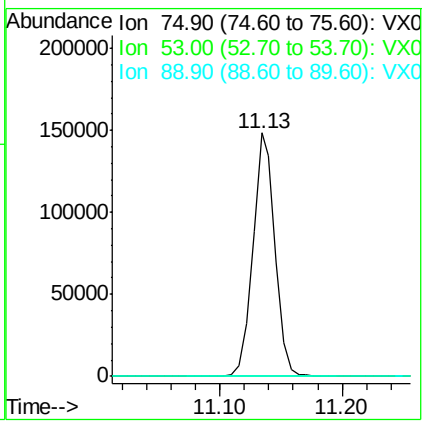


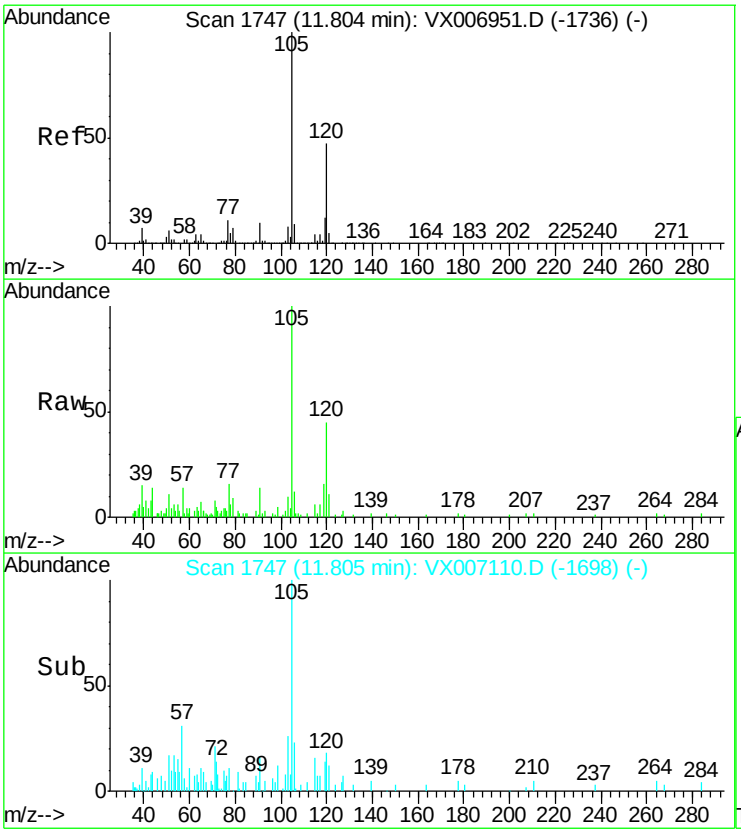
#81
trans-1,4-Dichloro-2-butene
Concen: 65.407 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion: 75 Resp: 186401

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

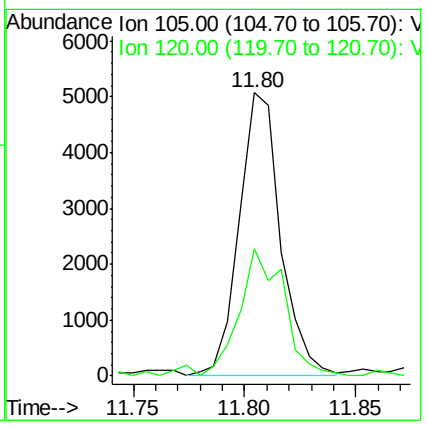


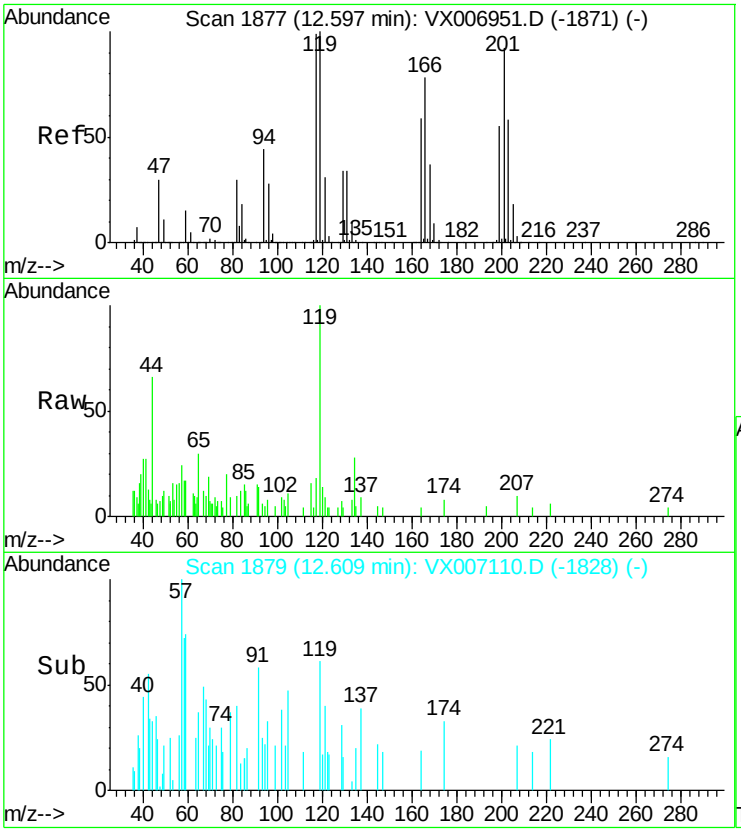


#84
1,2,4-Trimethylbenzene
Concen: 0.269 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion:105 Resp: 6624

Ion	Ratio	Lower	Upper
105	100		
120	49.5	23.2	69.6



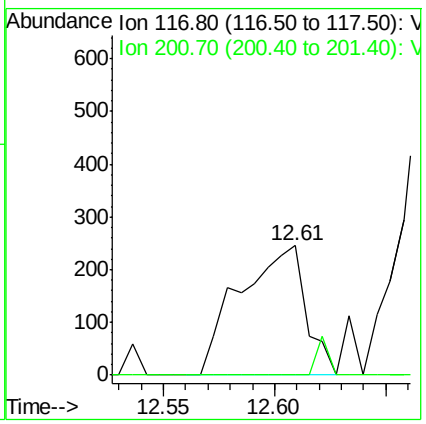


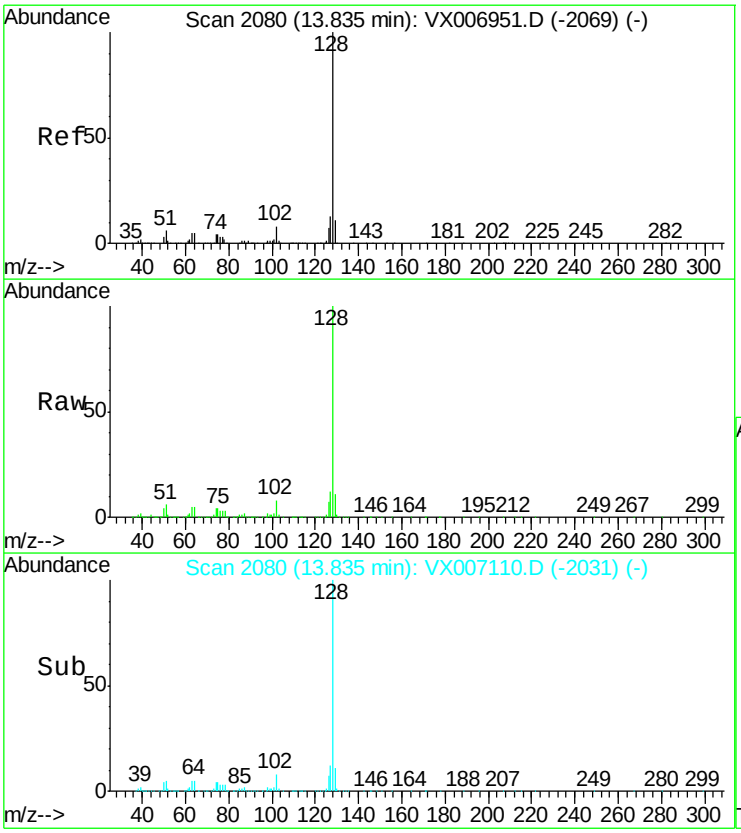
#90
Hexachloroethane
Concen: 3.023 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Instrument :
MSVOA_X
ClientSampleId :
COMP-9

Tgt Ion:117 Resp: 507

Ion	Ratio	Lower	Upper
117	100		
201	5.3	42.9	128.7#





#95
Naphthalene
Concen: 5.109 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007110.D
Acq: 18 Jan 2019 01:35

Tgt Ion:128 Resp: 153264

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	11.2	8.6	13.0