Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011580.D
Acq On : 16 Aug 2019 14:50
Operator : JC/SP
Sample : K4368-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PH2-0134

Quant Time: Aug 19 01:08:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	433637	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	598646	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	532060	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266513	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	207356	51.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.12%				
35) Dibromofluoromethane	5.49	113	178562	45.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.20%				
50) Toluene-d8	8.71	98	684993	56.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.30%				
62) 4-Bromofluorobenzene	11.13	95	241314	46.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.72%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	391	0.218	ug/l	#	15
8) Diethyl Ether	2.24	74	487	0.256	ug/l		88
11) Tert butyl alcohol	3.01	59	1467	1.487	ug/l	#	71
13) Acrolein	2.29	56	178	12.742	ug/l	#	1
15) Acrylonitrile	3.16	53	879	0.389	ug/l	#	45
16) Acetone	2.39	43	1811	0.896	ug/l	#	60
18) Methyl Acetate	2.84	43	14775	2.356	ug/l	#	52
29) Tetrahydrofuran	5.13	42	464	0.223	ug/l	#	86
31) Cyclohexane	5.57	56	7490	1.256	ug/l		95
36) 1,1-Dichloropropene	5.66	75	24375	4.762	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	36723	6.512	ug/l	#	15
39) Methylcyclohexane	7.46	83	16219	2.566	ug/l	#	74
49) 1,4-Dioxane	7.71	88	276	2.281	ug/l	#	52
55) 1,1,2-Trichloroethane	9.16	97	9639	2.237	ug/l	#	20
56) Ethyl methacrylate	9.16	69	2400	0.383	ug/l	#	4
67) Ethyl Benzene	10.25	91	885762	46.768	ug/l		99
68) m/p-Xylenes	10.25	106	288497	39.684	ug/l	#	25
71) Bromoform	10.85	173	71	3.308	ug/l	#	28
73) Isopropylbenzene	11.02	105	193093	11.166	ug/l		99
76) 1,2,3-Trichloropropane	11.13	75	112195	22.201	ug/l	#	36
78) n-propylbenzene	11.36	91	111454	5.977	ug/l		99
79) 2-Chlorotoluene	11.36	91	111454	9.733	ug/l	#	38
80) 1,3,5-Trimethylbenzene	11.66	105	29959	2.062	ug/l		71
81) trans-1,4-Dichloro-2-buten	11.13	75	112195	59.230	ug/l	#	11
82) 4-Chlorotoluene	11.36	91	111454	8.390	ug/l	#	42
84) 1,2,4-Trimethylbenzene	11.80	105	4291	0.294	ug/l		93
85) sec-Butylbenzene	11.94	105	14854	0.890	ug/l		81
86) p-Isopropyltoluene	12.23	119	5952	0.379	ug/l		91
90) Hexachloroethane	12.69	117	5976	2.410	ug/l	#	1

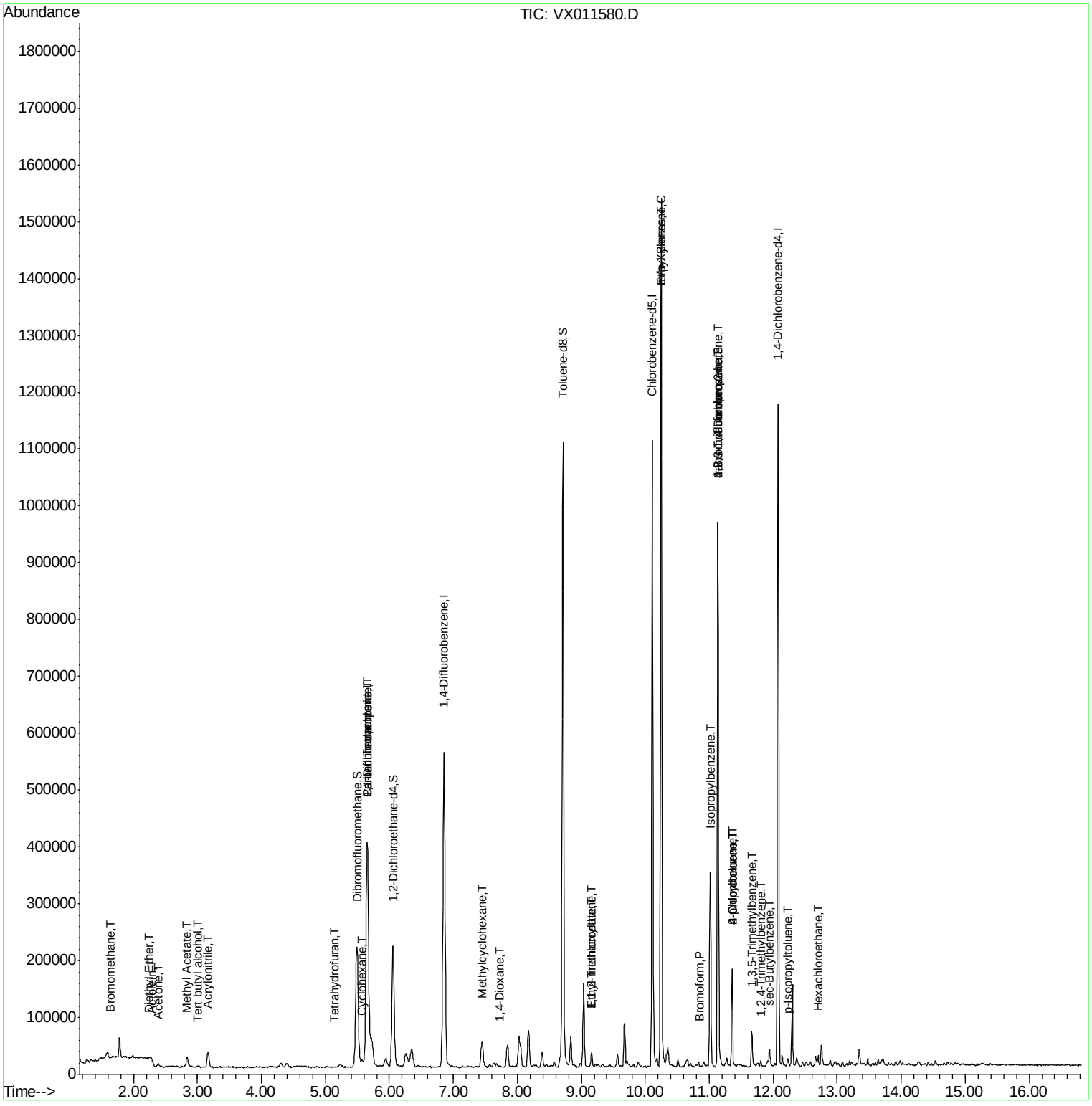
(#) = qualifier out of range (m) = manual integration (+) = signals summed

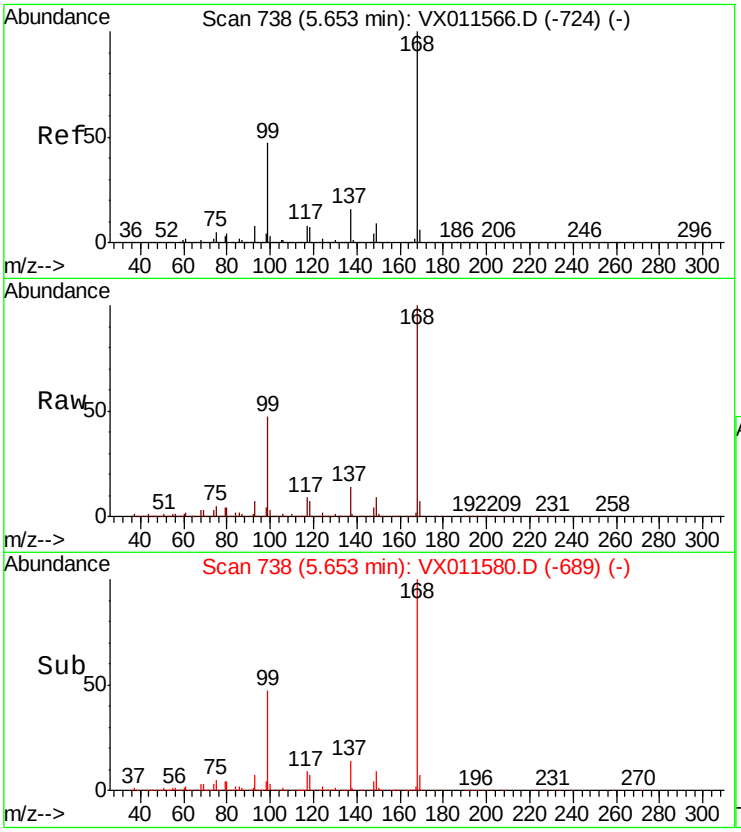
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011580.D
Acq On : 16 Aug 2019 14:50
Operator : JC/SP
Sample : K4368-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Quant Time: Aug 19 01:08:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration



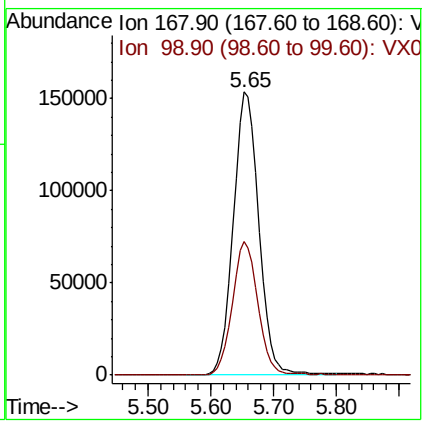


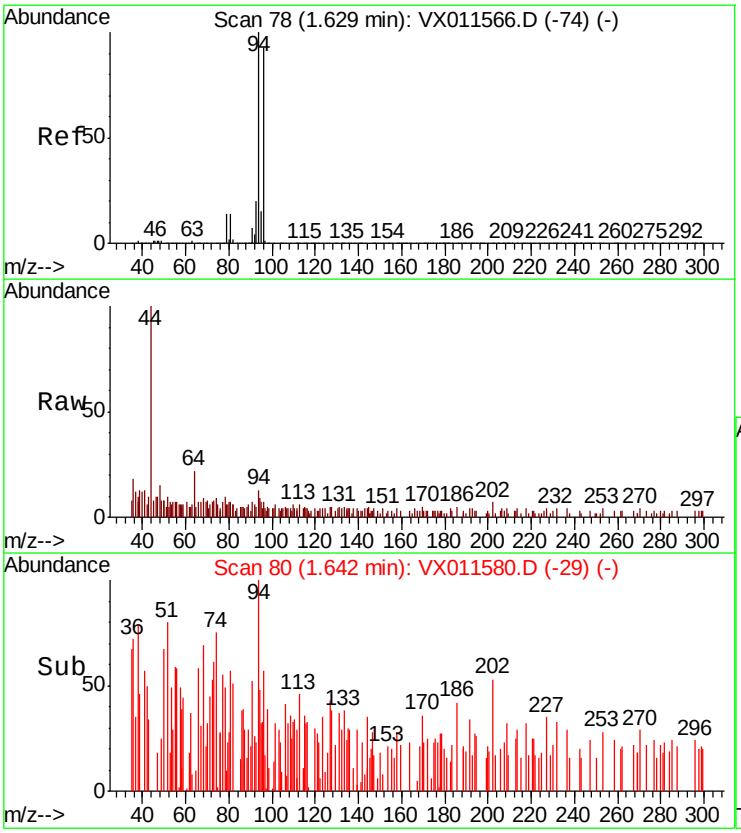
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion:168 Resp: 433637

Ion	Ratio	Lower	Upper
168	100		
99	47.0	37.3	55.9

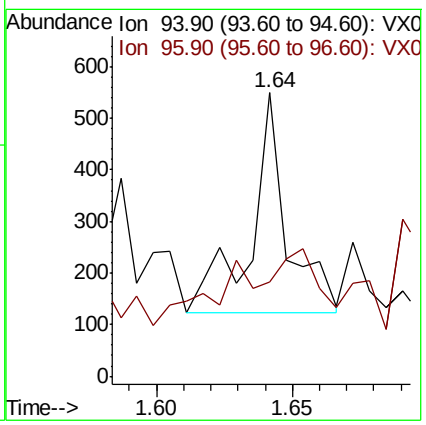


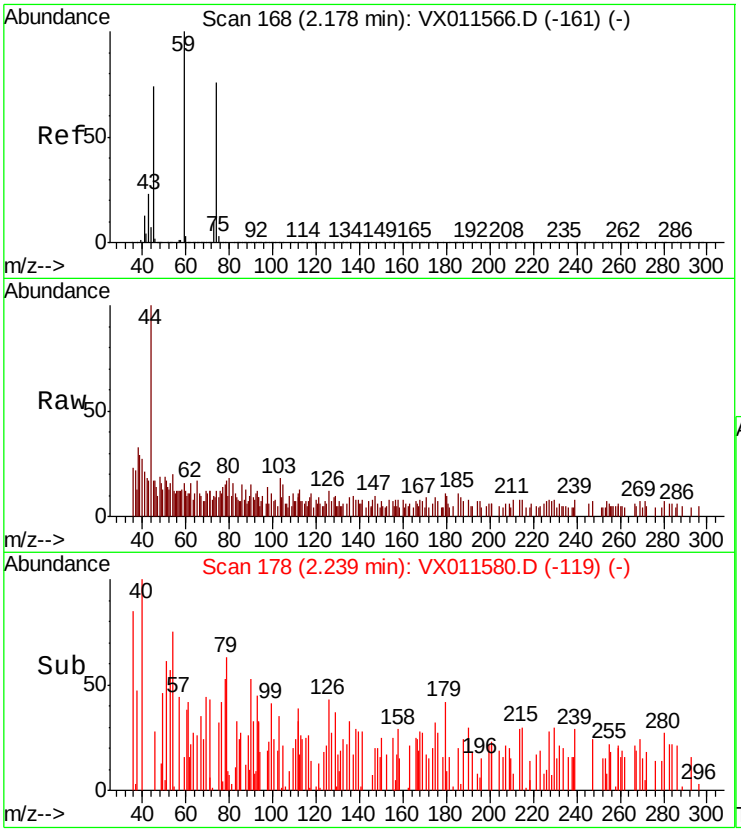


#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 94 Resp: 391

Ion	Ratio	Lower	Upper
94	100		
96	11.8	74.8	112.2#



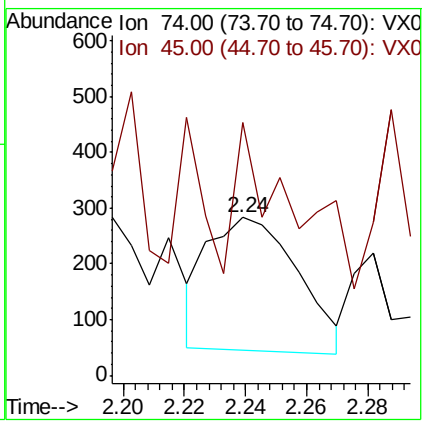


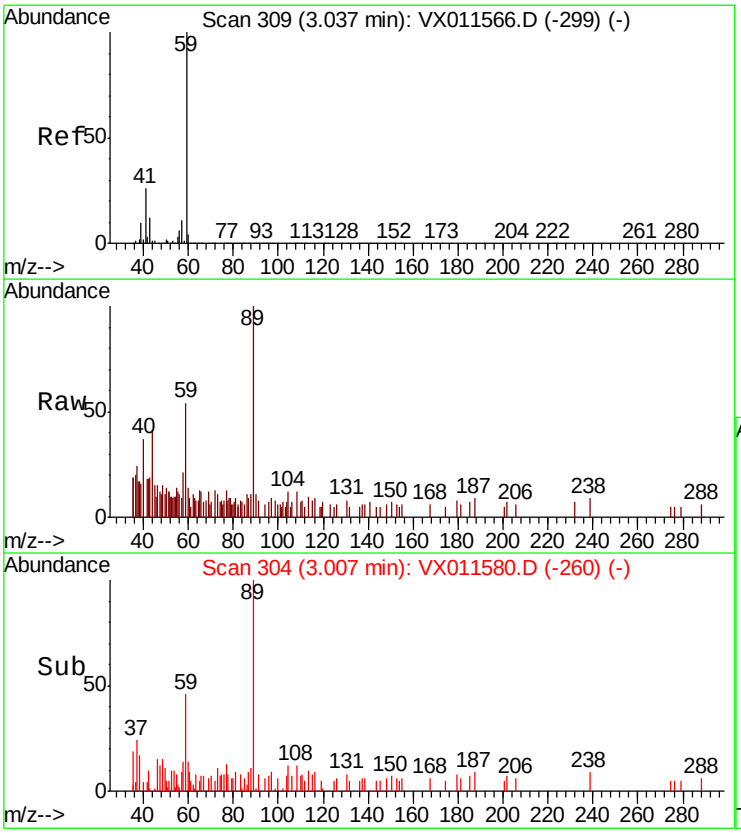
#8
Diethyl Ether
Concen: 0.256 ug/l
RT: 2.24 min Scan# 178
Delta R.T. 0.06 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion: 74 Resp: 487

Ion	Ratio	Lower	Upper
74	100		
45	84.4	48.2	144.6

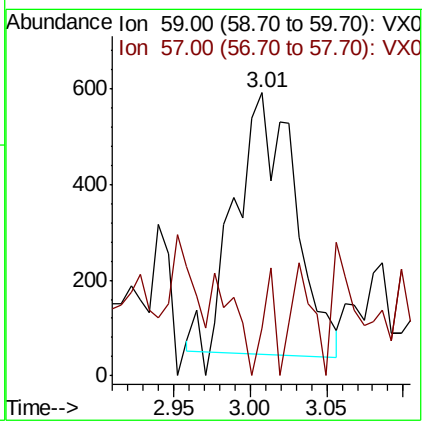


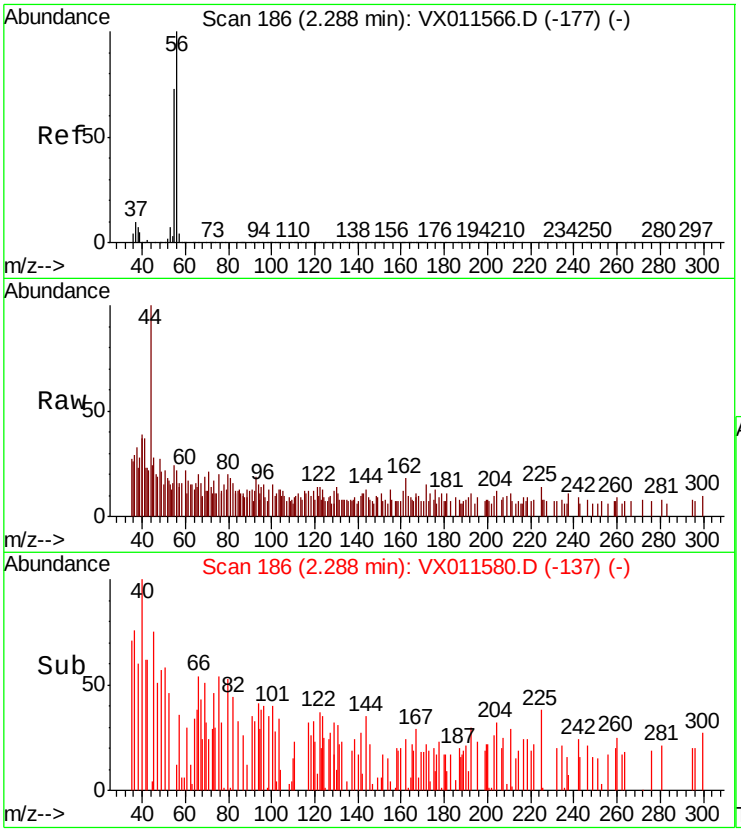


#11
Tert butyl alcohol
Concen: 1.487 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.03 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 59 Resp: 1467

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



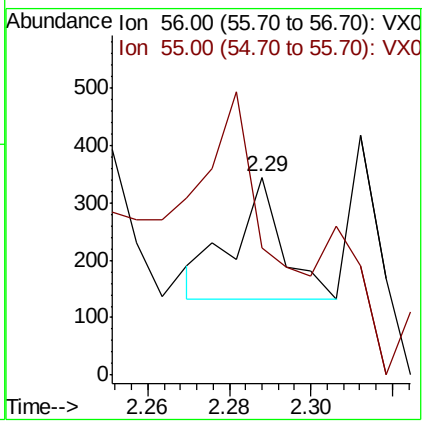


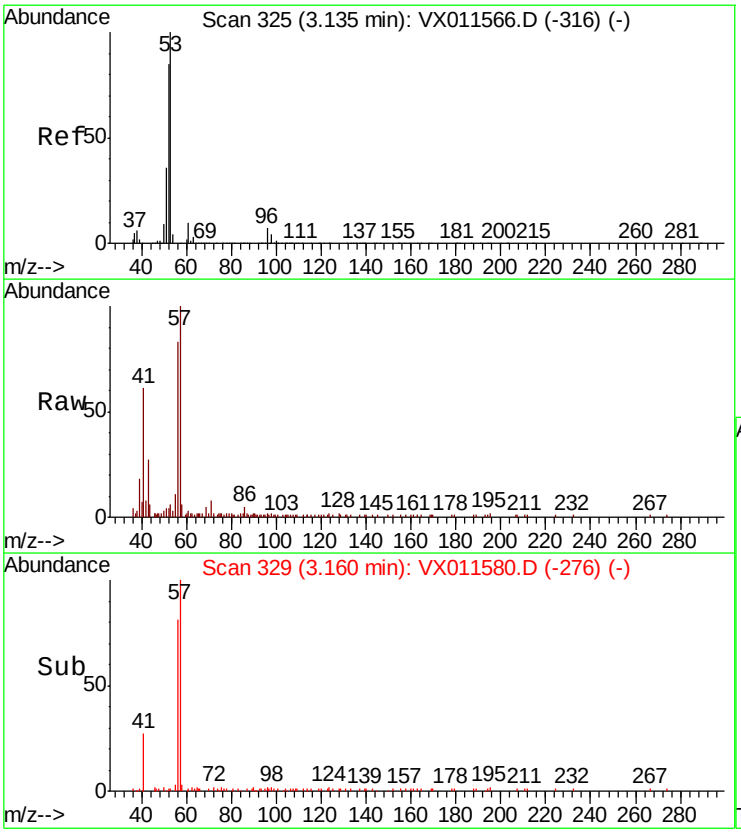
#13
Acrolein
Concen: 12.742 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion: 56 Resp: 178

Ion	Ratio	Lower	Upper
56	100		
55	153.9	55.5	83.3#

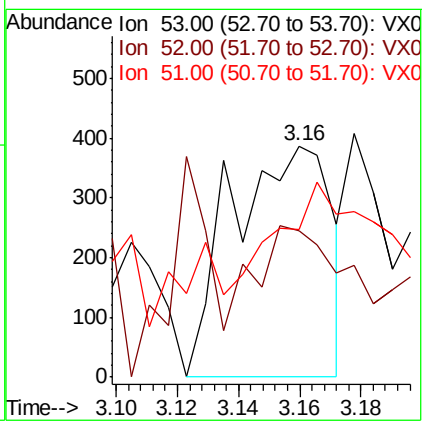


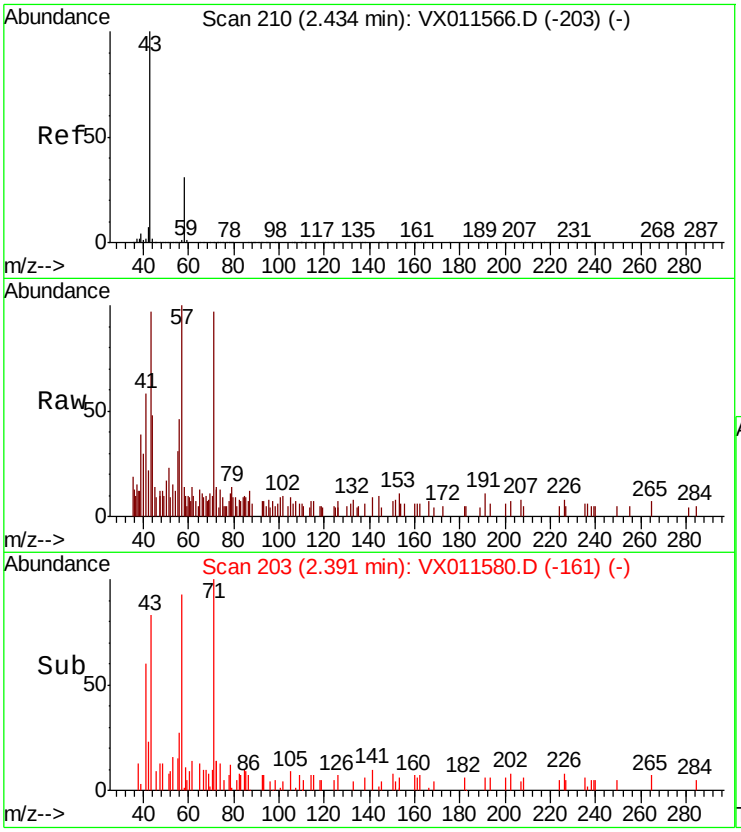


#15
Acrylonitrile
Concen: 0.389 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.02 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 53 Resp: 879

Ion	Ratio	Lower	Upper
53	100		
52	40.8	66.7	100.1#
51	79.1	28.7	43.1#



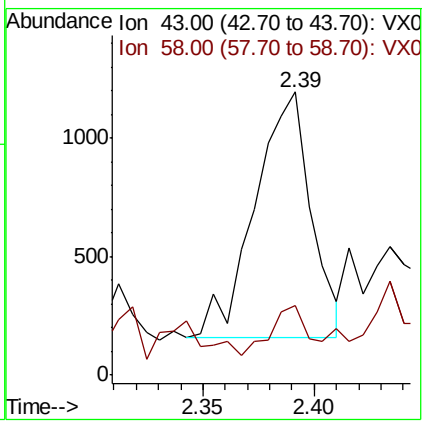


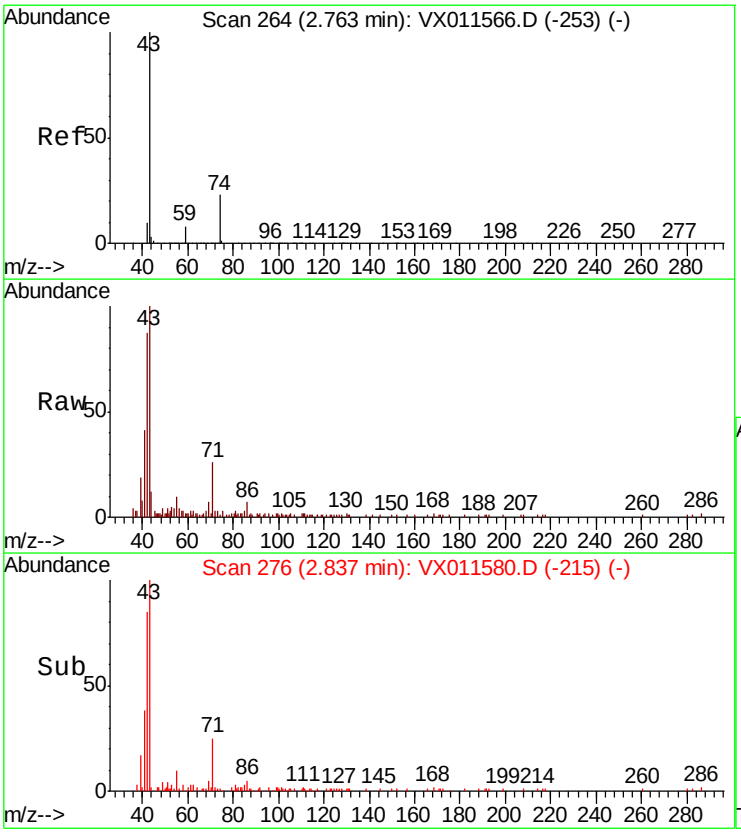
#16
Acetone
Concen: 0.896 ug/l
RT: 2.39 min Scan# 203
Delta R.T. -0.04 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion: 43 Resp: 1811

Ion	Ratio	Lower	Upper
43	100		
58	9.2	25.2	37.8#

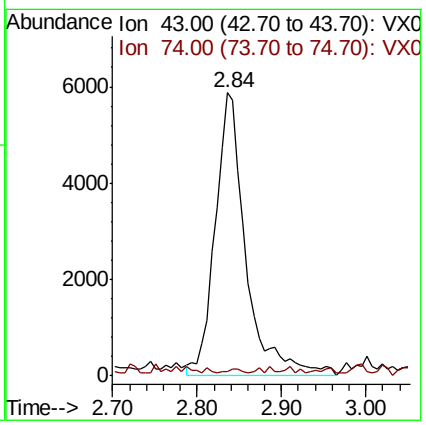


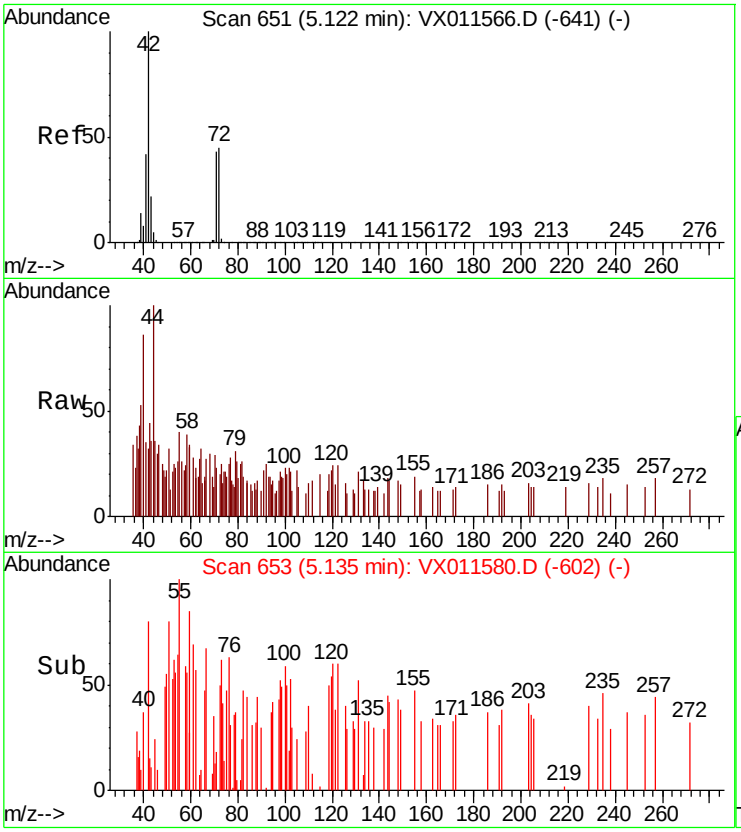


#18
Methyl Acetate
Concen: 2.356 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.07 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 43 Resp: 14775

Ion	Ratio	Lower	Upper
43	100		
74	0.5	19.7	29.5#



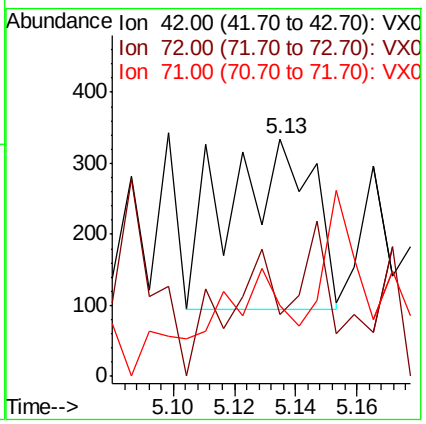


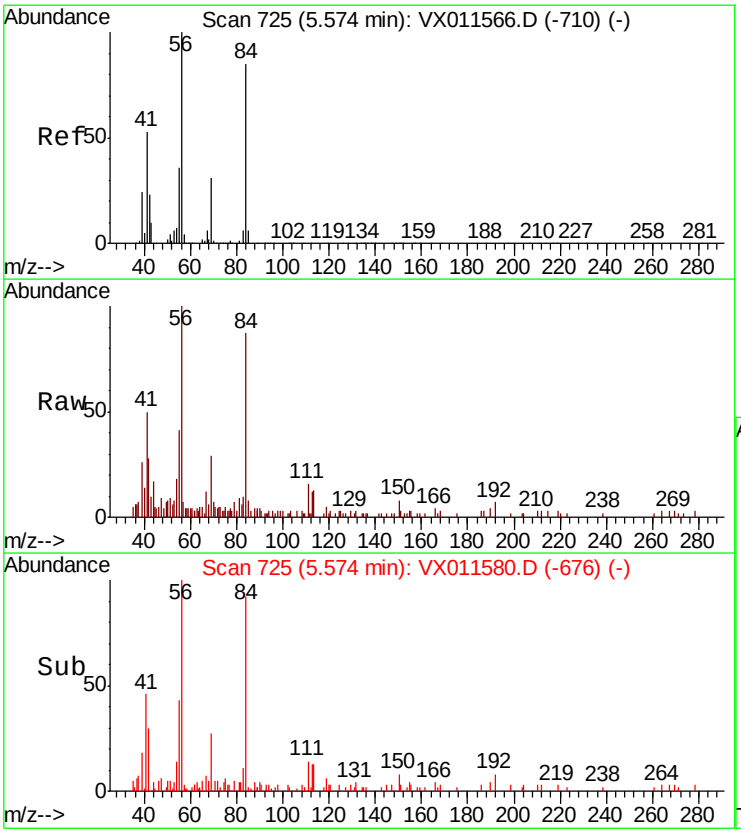
#29
Tetrahydrofuran
Concen: 0.223 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion: 42 Resp: 464

Ion	Ratio	Lower	Upper
42	100		
72	45.0	36.1	54.1
71	60.3	33.8	50.8#

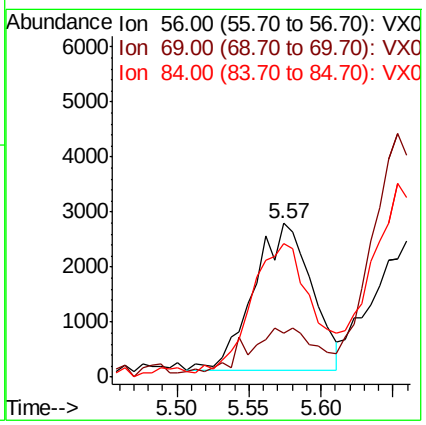


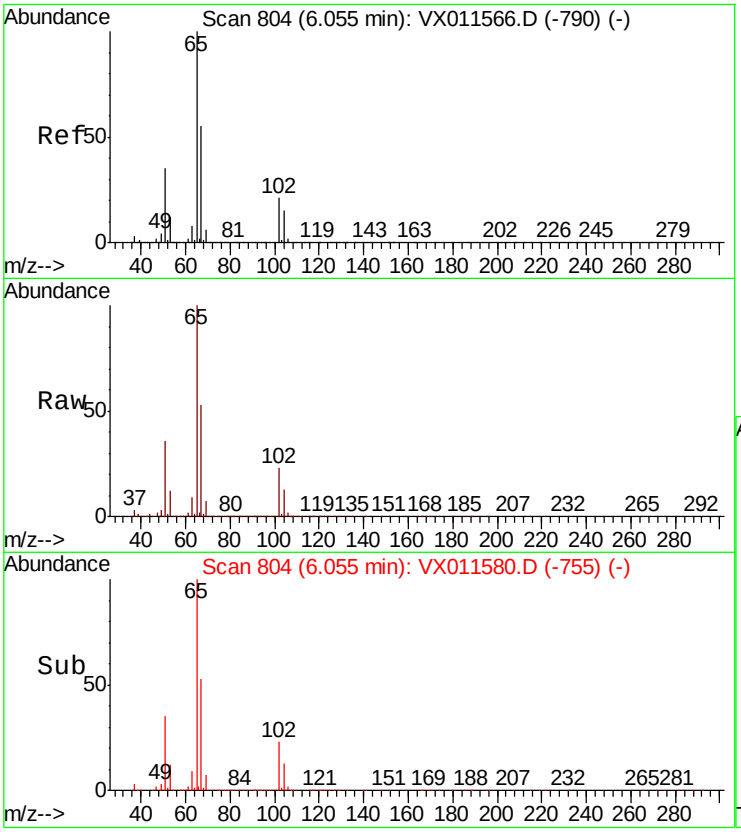


#31
Cyclohexane
Concen: 1.256 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 56 Resp: 7490

Ion	Ratio	Lower	Upper
56	100		
69	25.8	24.8	37.2
84	87.5	67.9	101.9



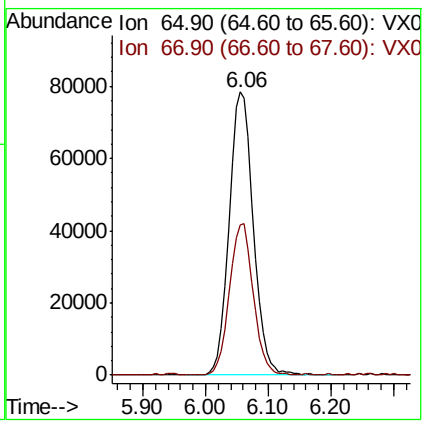


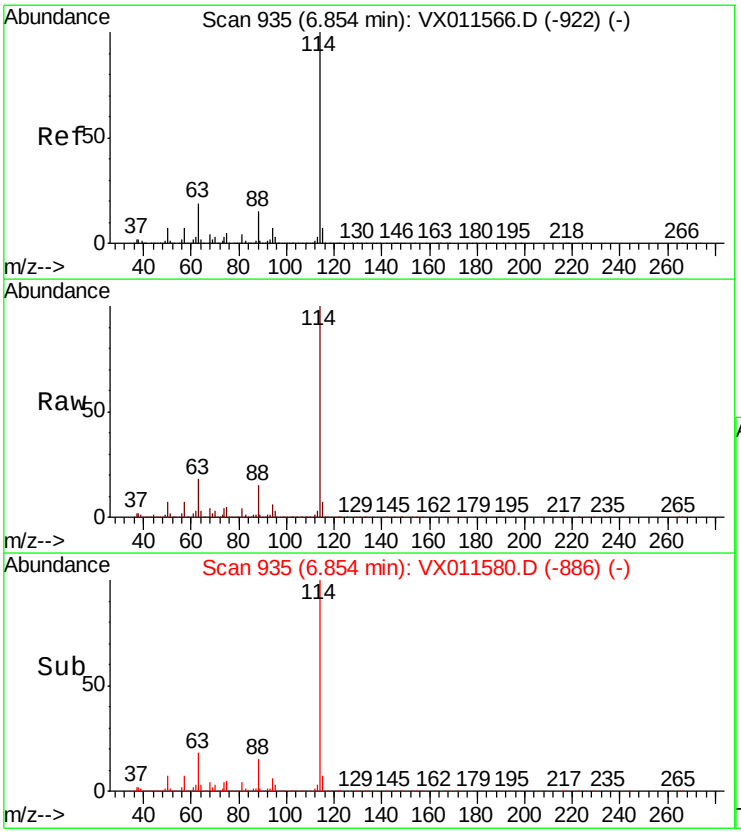
#33
1,2-Dichloroethane-d4
Concen: 51.563 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument : MSVOA_X
ClientSampleId : PH2-0134

Tgt Ion: 65 Resp: 207356

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.6

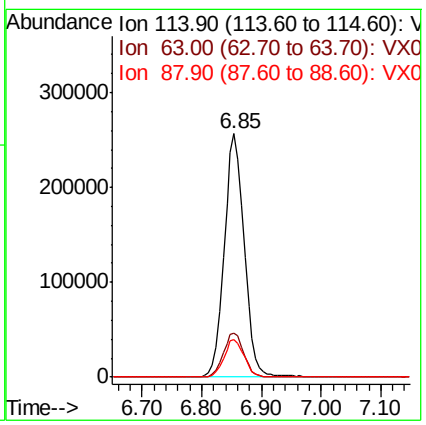


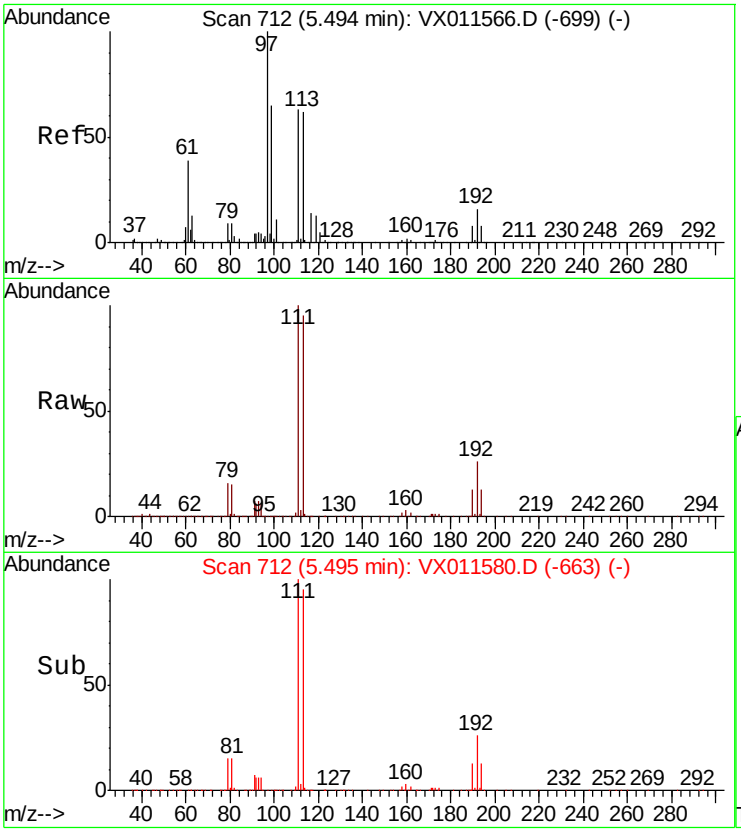


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion:114 Resp: 598646

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	37.8
88	15.2	0.0	30.2



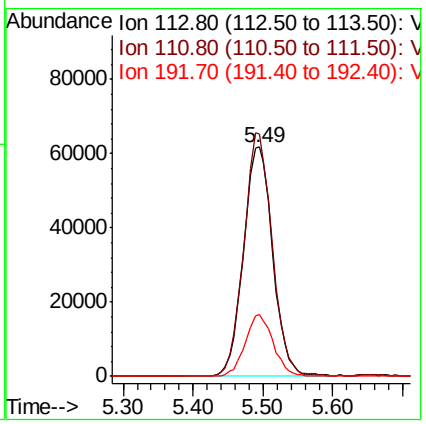


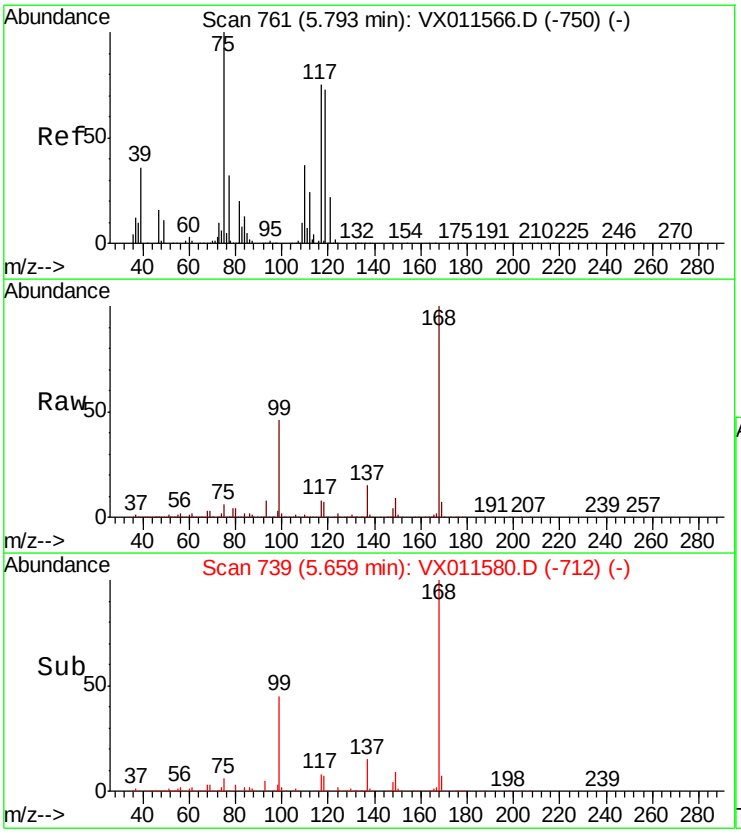
#35
Dibromofluoromethane
Concen: 45.604 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion:113 Resp: 178562

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	26.1	20.8	31.2

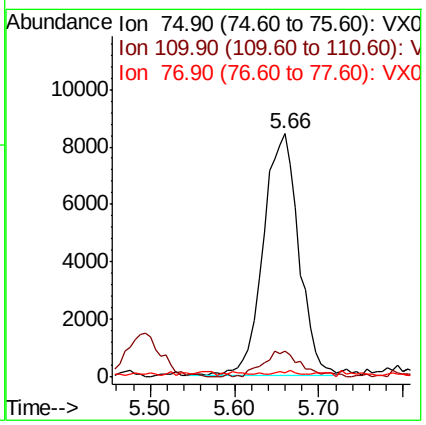


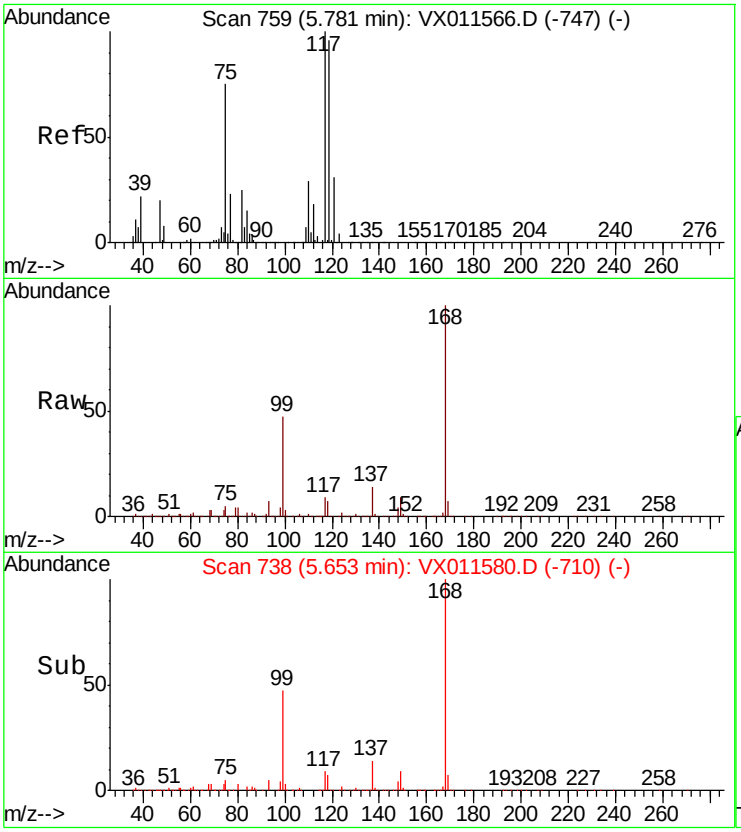


#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 75 Resp: 24375

Ion	Ratio	Lower	Upper
75	100		
110	11.7	19.4	58.1#
77	0.5	25.1	37.7#



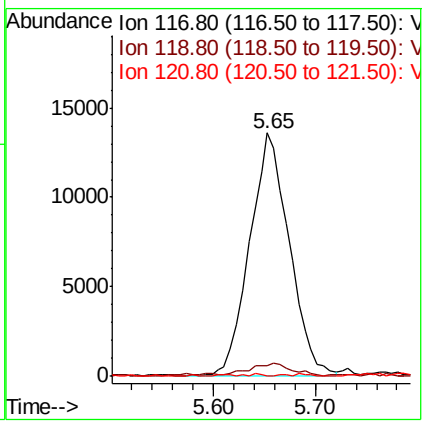


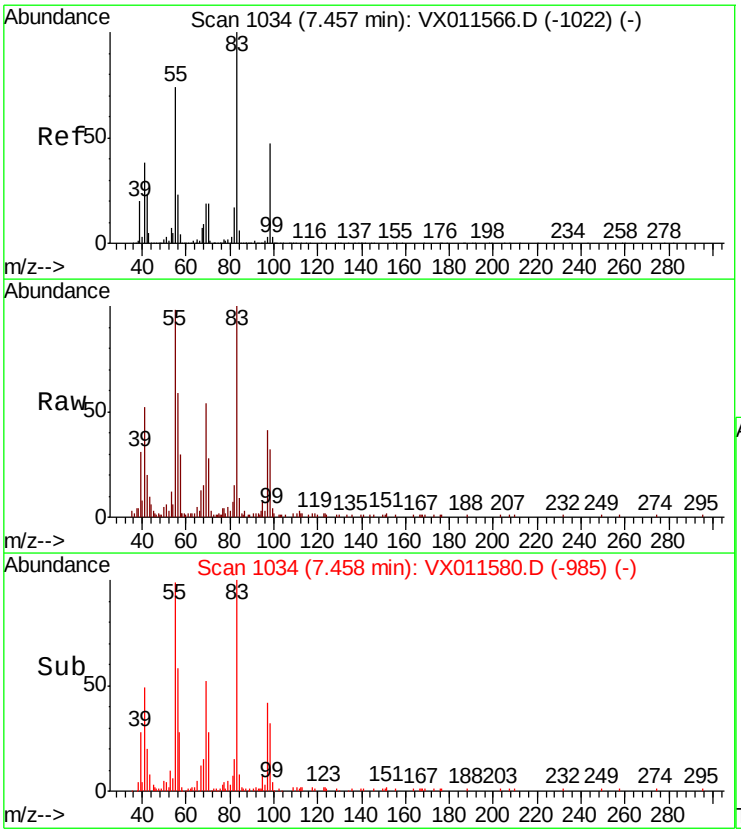
#38
Carbon Tetrachloride
Concen: 6.512 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument : MSVOA_X
ClientSampleId : PH2-0134

Tgt Ion:117 Resp: 36723

Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.9	115.3#
121	0.0	24.8	37.2#

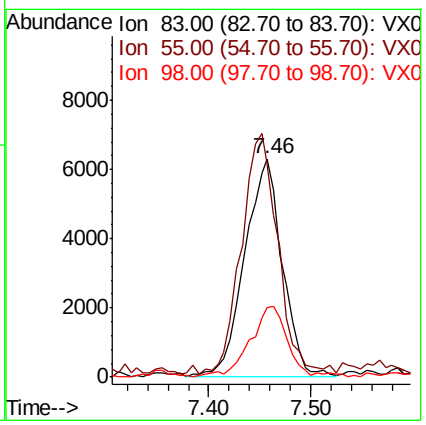


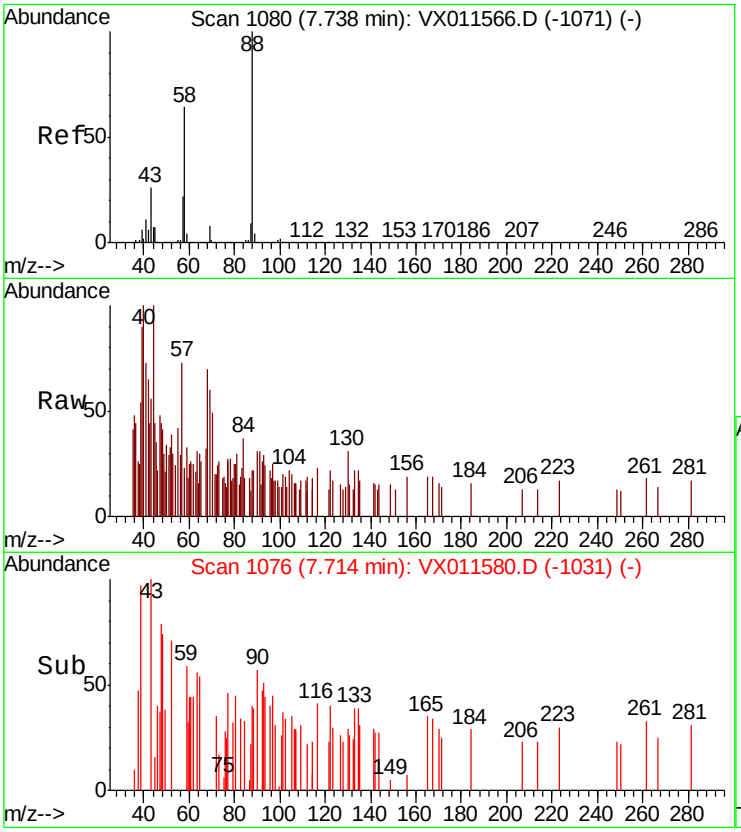


#39
Methylcyclohexane
Concen: 2.566 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 83 Resp: 16219

Ion	Ratio	Lower	Upper
83	100		
55	95.8	58.8	88.2#
98	30.7	37.8	56.6#



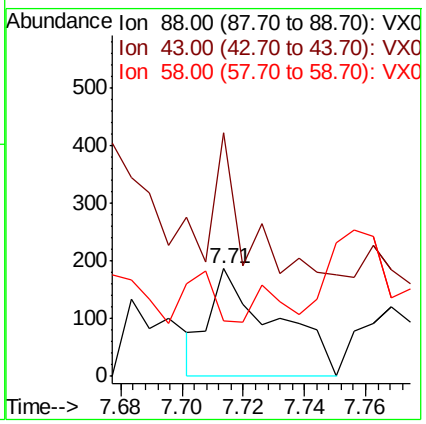


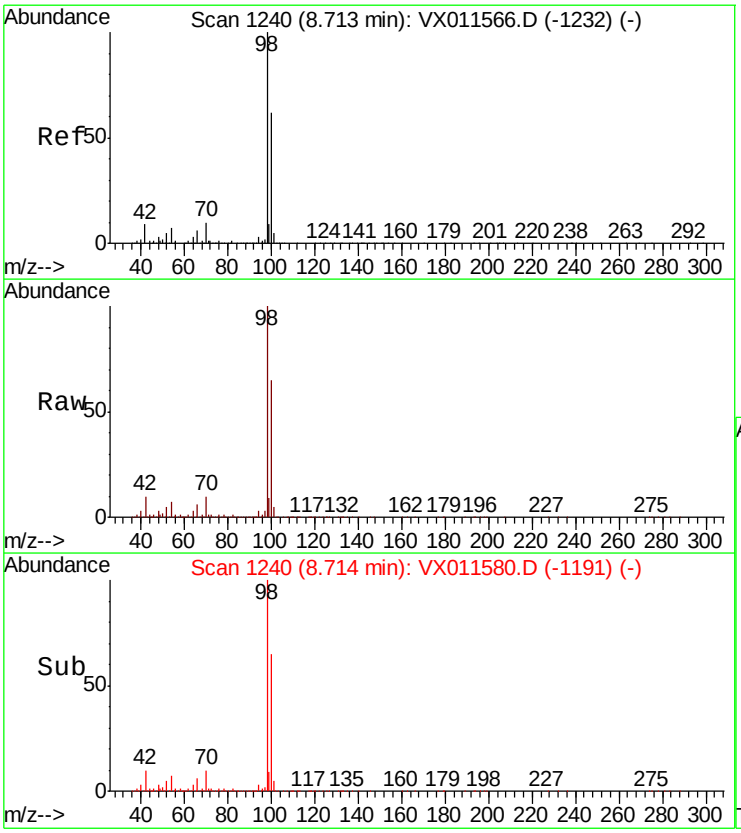
#49
1,4-Dioxane
Concen: 2.281 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.02 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion: 88 Resp: 276

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.0#
58	31.9	54.3	81.5#

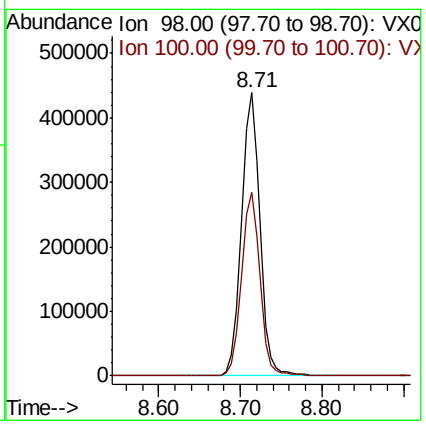


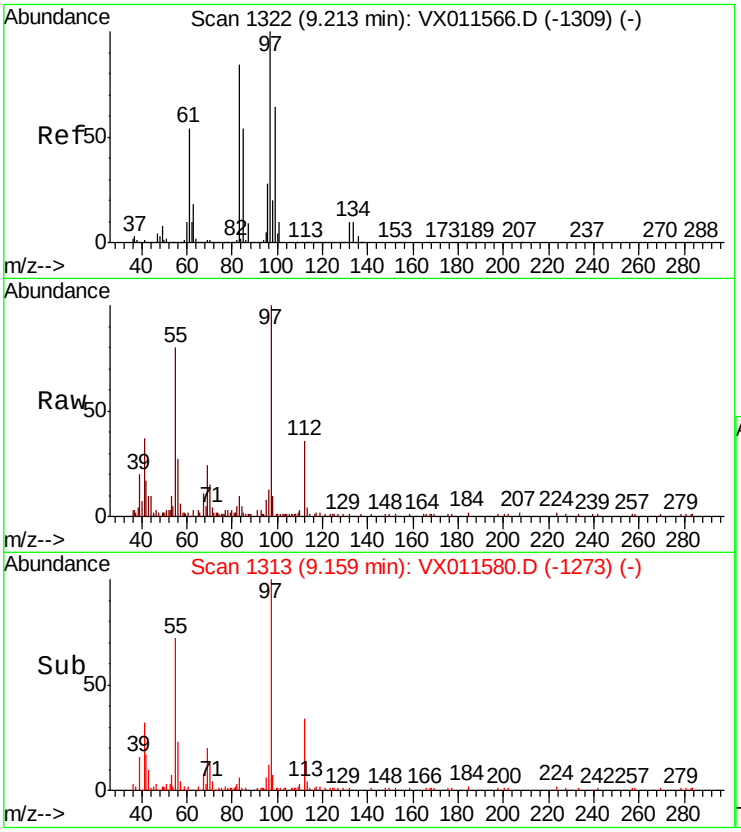


#50
Toluene-d8
Concen: 56.146 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 98 Resp: 684993

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6



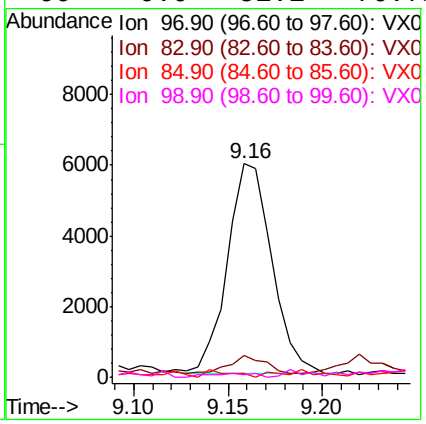


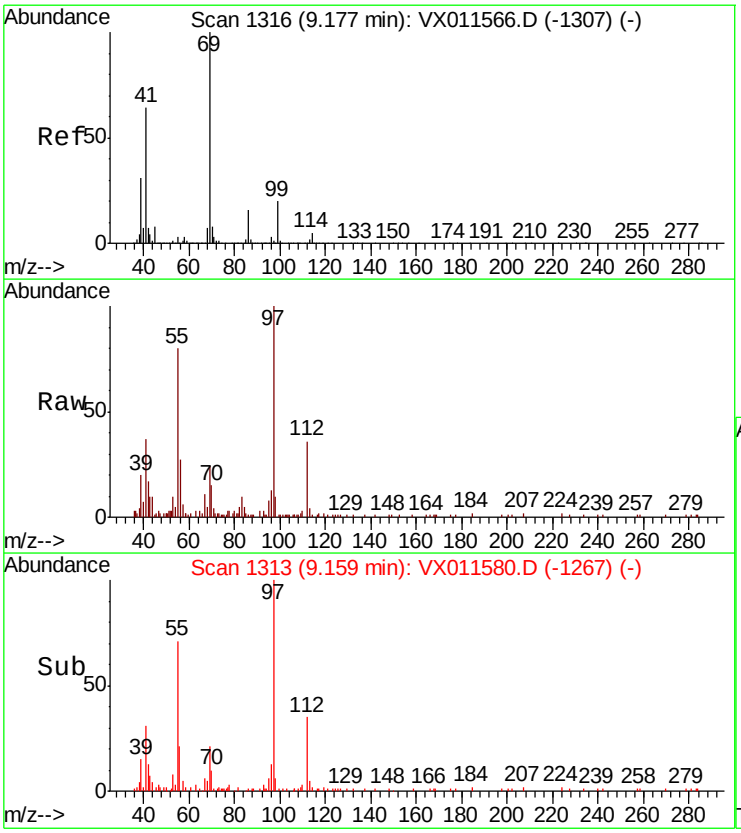
#55
1,1,2-Trichloroethane
Concen: 2.237 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.05 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion: 97 Resp: 9639

Ion	Ratio	Lower	Upper
97	100		
83	9.1	67.4	101.0#
85	0.7	43.4	65.2#
99	0.0	51.1	76.7#

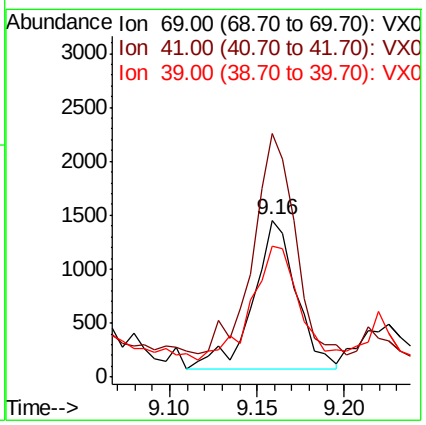


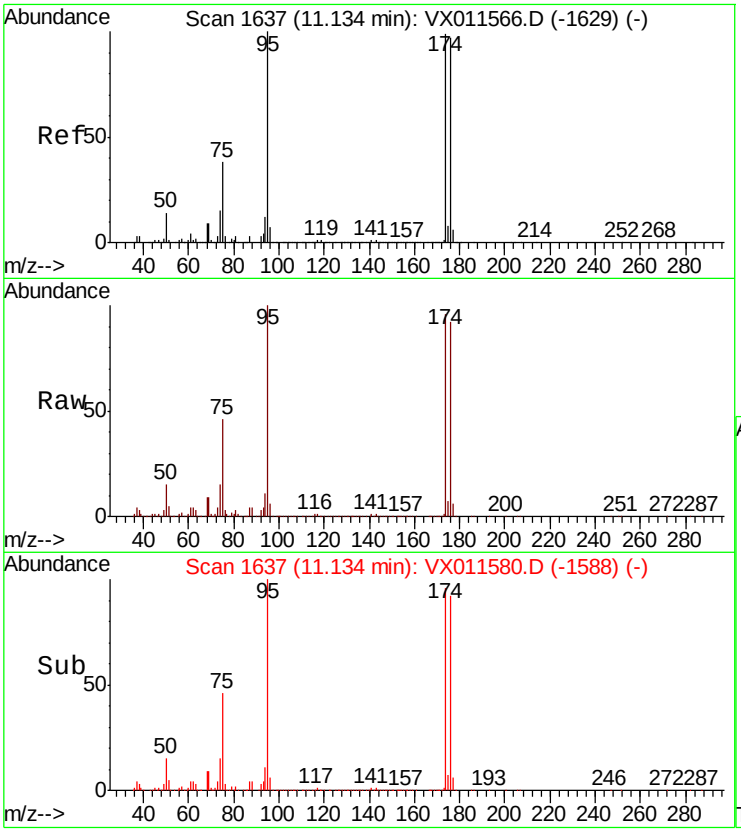


#56
Ethyl methacrylate
Concen: 0.383 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 69 Resp: 2400

Ion	Ratio	Lower	Upper
69	100		
41	143.0	52.1	78.1#
39	82.5	25.4	38.0#



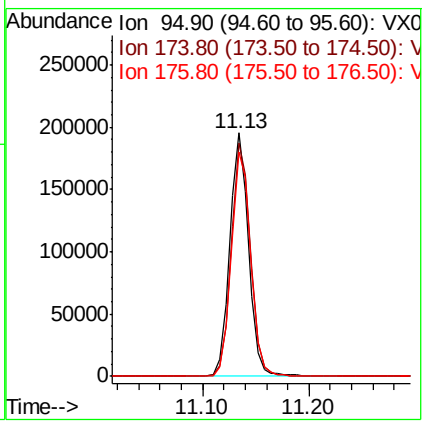


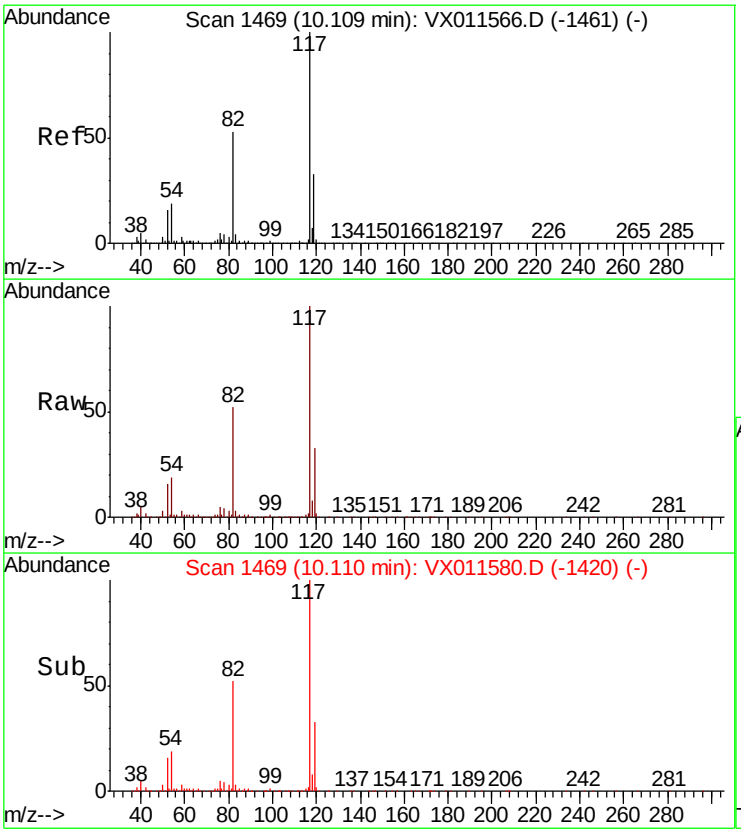
#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion: 95 Resp: 241314

Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	200.6
176	95.3	0.0	196.6

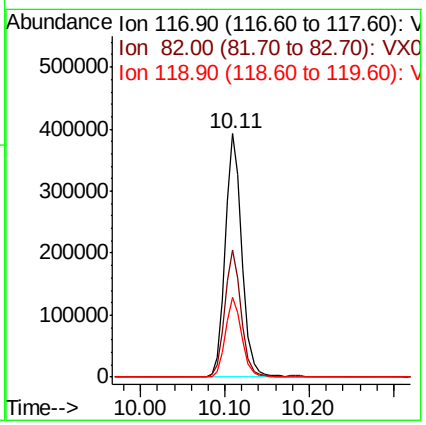


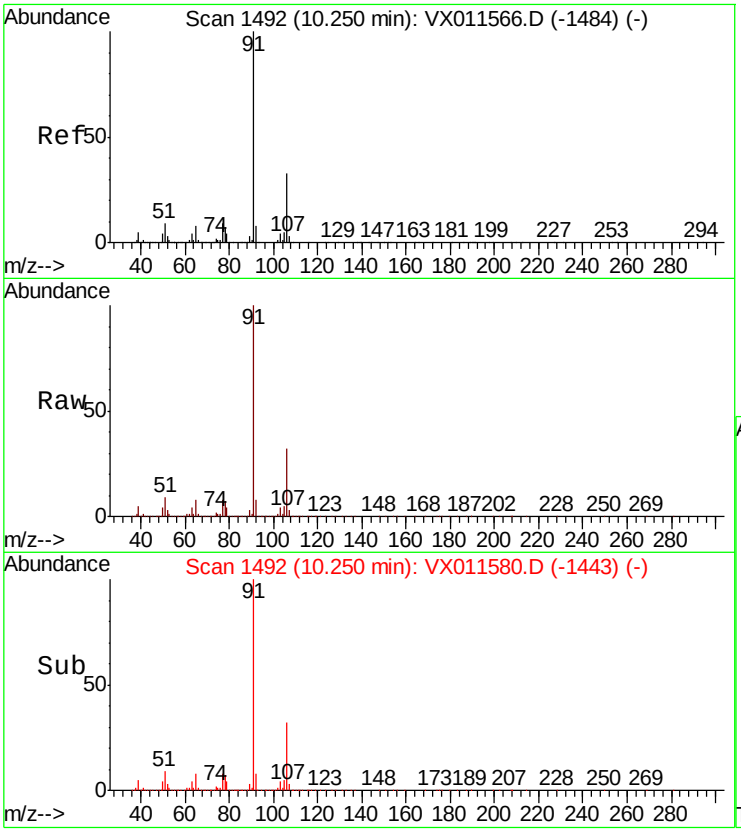


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion:117 Resp: 532060

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.0	63.0
119	32.6	26.5	39.7



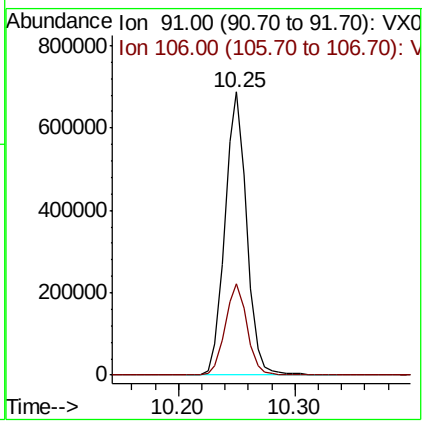


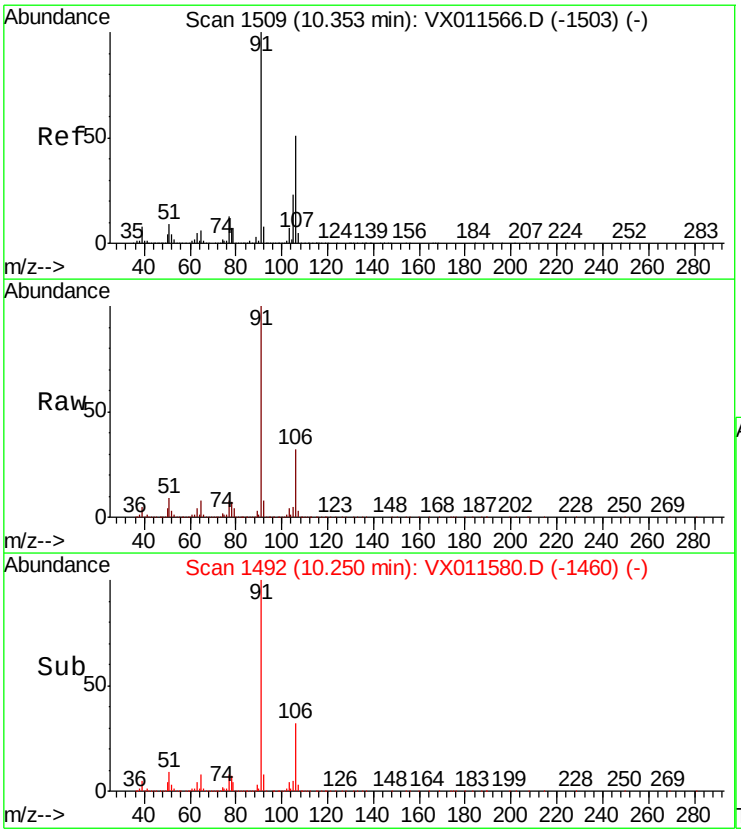
#67
Ethyl Benzene
Concen: 46.768 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion: 91 Resp: 885762

Ion	Ratio	Lower	Upper
91	100		
106	32.1	26.0	39.0

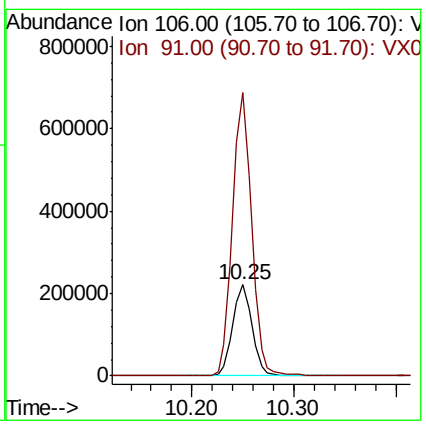


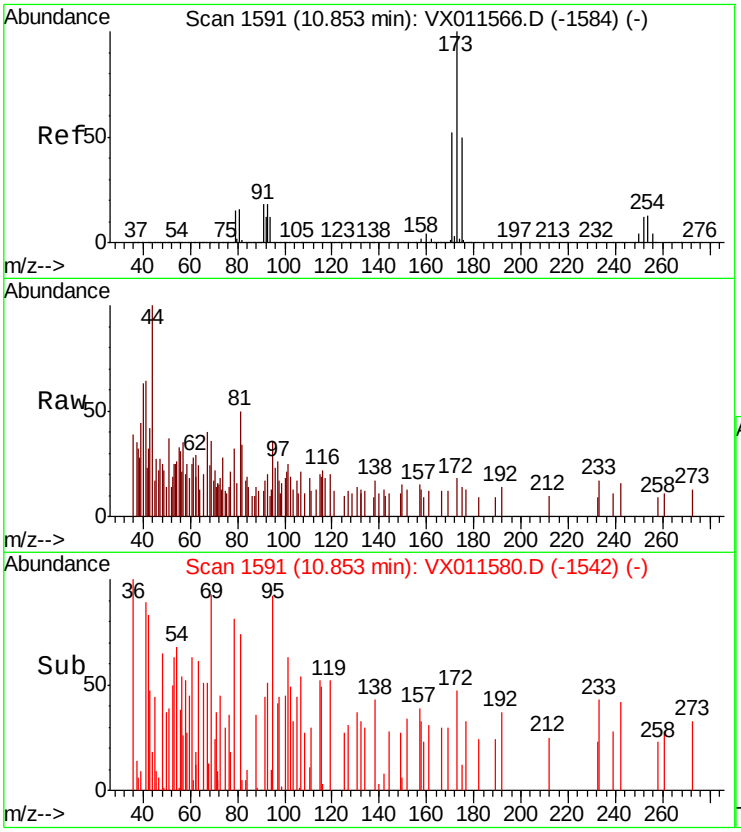


#68
m/p-Xylenes
Concen: 39.684 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.10 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion:106 Resp: 288497

Ion	Ratio	Lower	Upper
106	100		
91	307.0	156.0	234.0#



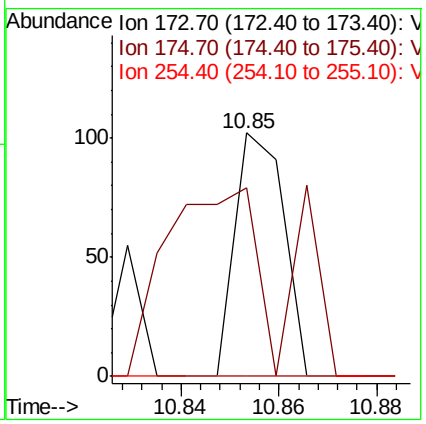


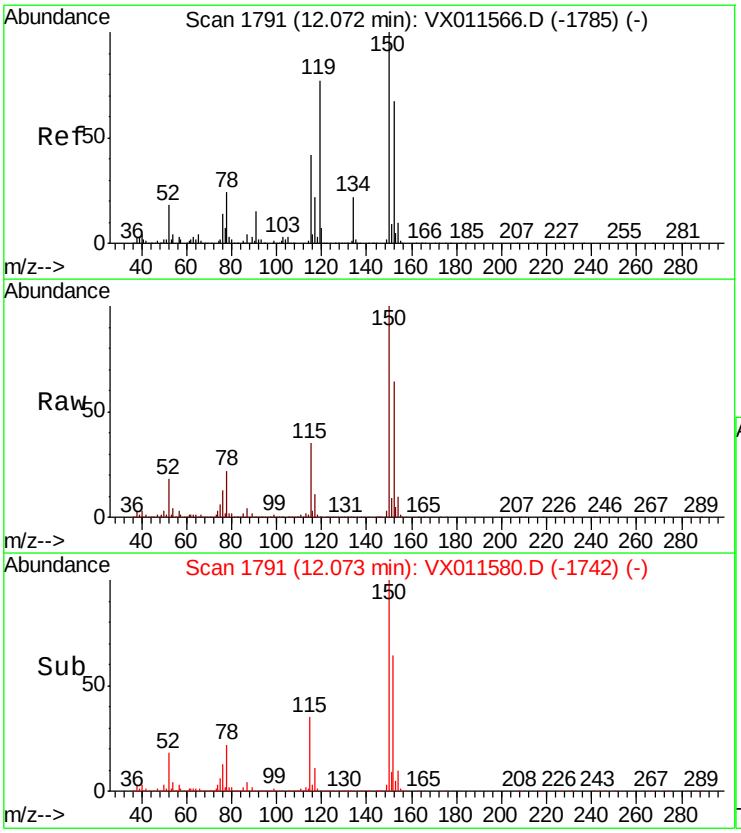
#71
Bromoform
Concen: 3.308 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion:173 Resp: 71

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	0.0	0.1	0.1#

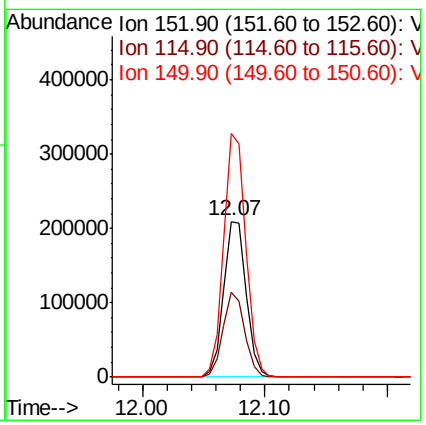


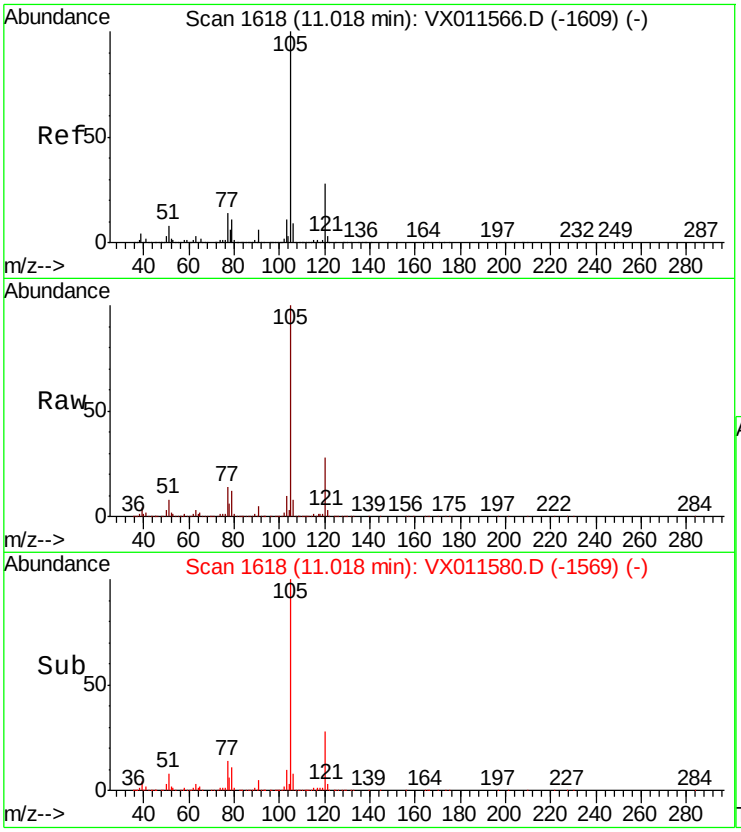


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion:152 Resp: 266513

Ion	Ratio	Lower	Upper
152	100		
115	53.4	37.3	111.9
150	154.1	0.0	346.2



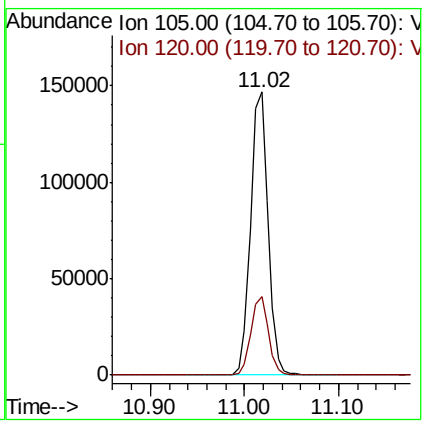


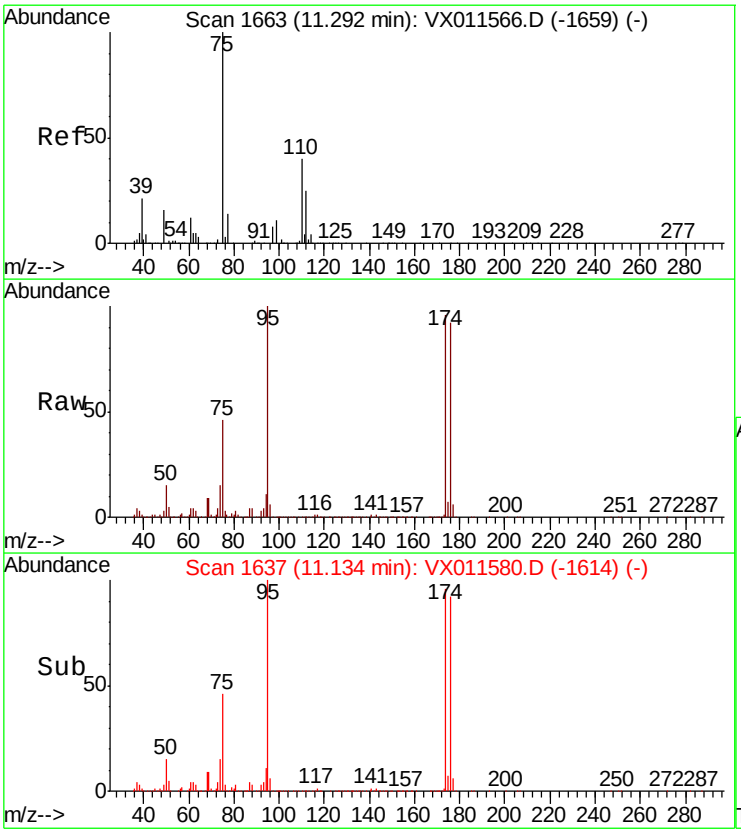
#73
Isopropylbenzene
Concen: 11.166 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument : MSVOA_X
ClientSampleId : PH2-0134

Tgt Ion:105 Resp: 193093

Ion	Ratio	Lower	Upper
105	100		
120	27.6	14.0	41.9

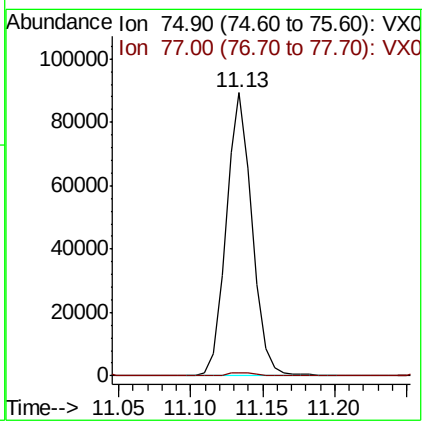


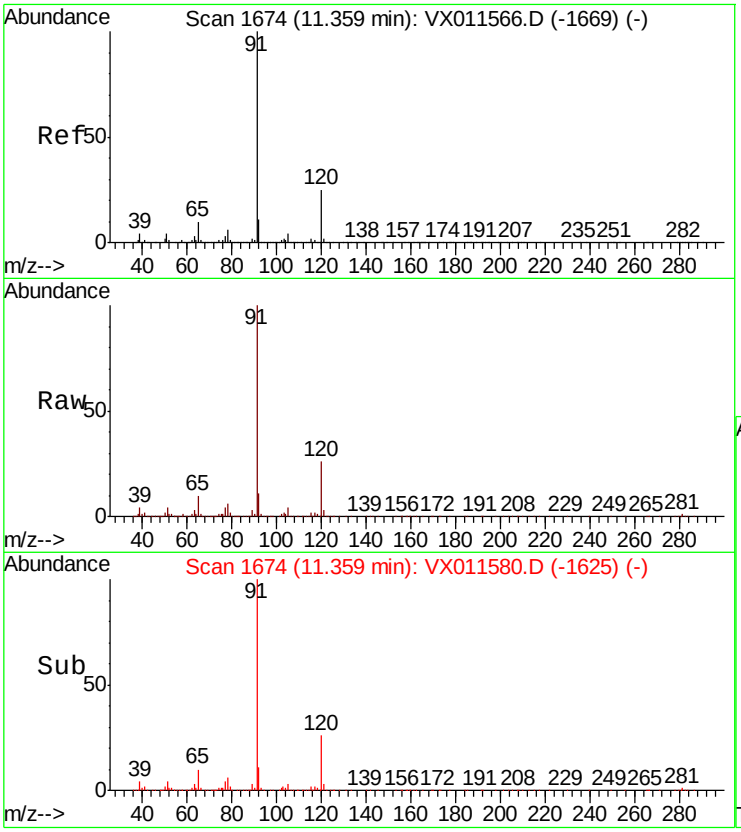


#76
1,2,3-Trichloropropane
Concen: 22.201 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 75 Resp: 112195

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.8#



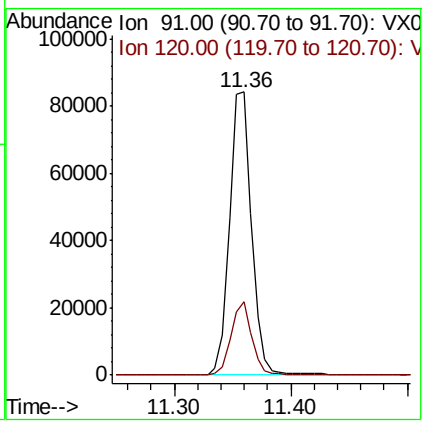


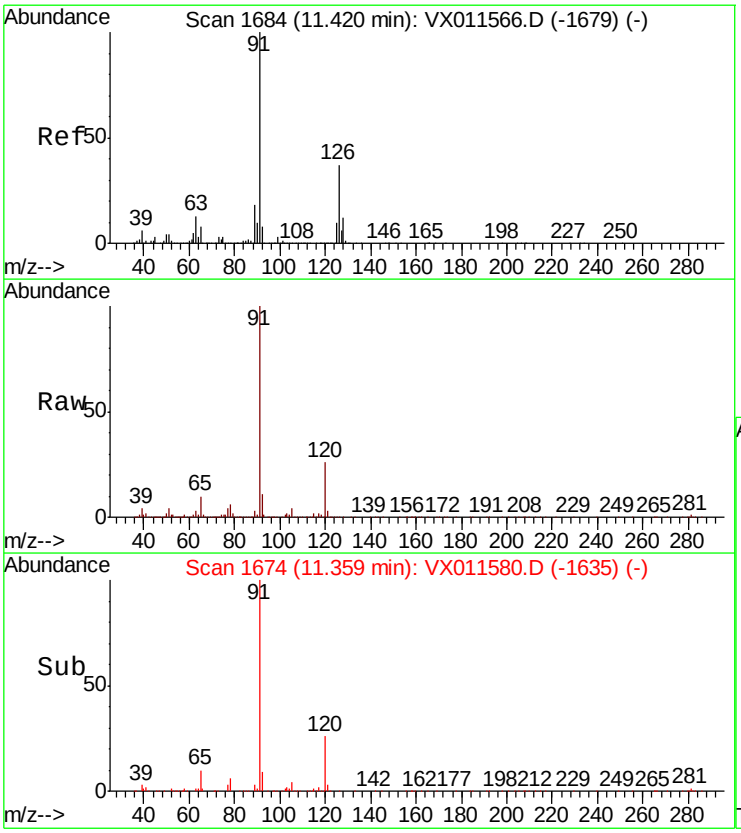
#78
n-propylbenzene
Concen: 5.977 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument : MSVOA_X
ClientSampleId : PH2-0134

Tgt Ion: 91 Resp: 111454

Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.6	37.6

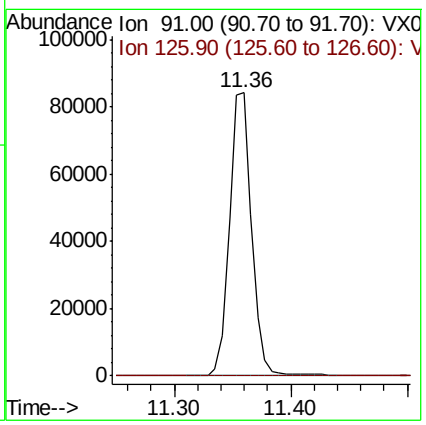


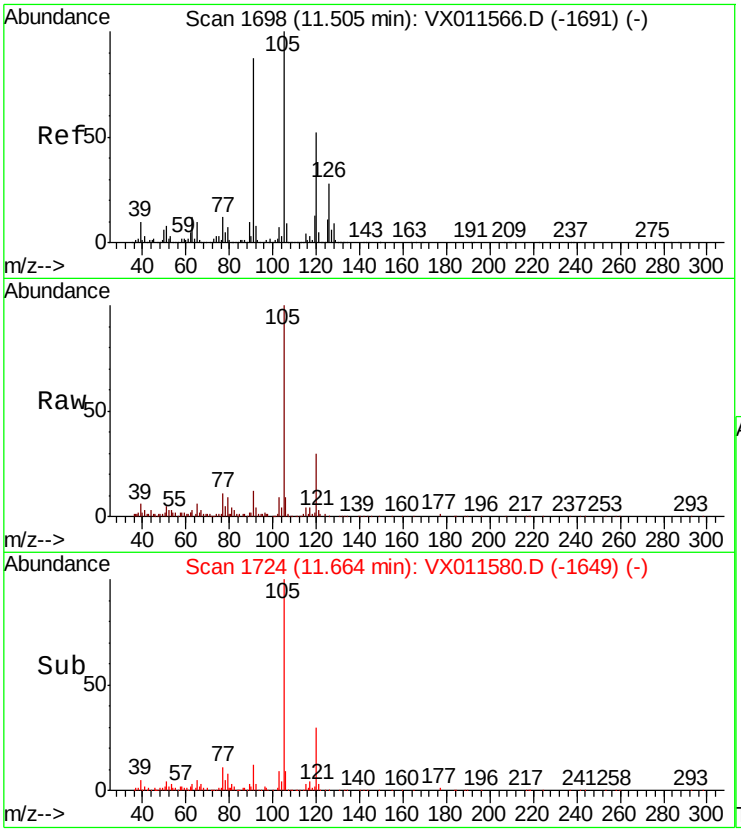


#79
2-Chlorotoluene
Concen: 9.733 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 91 Resp: 111454

Ion	Ratio	Lower	Upper
91	100		
126	0.1	18.4	55.0#



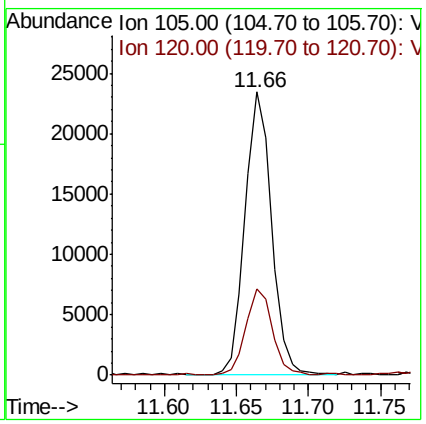


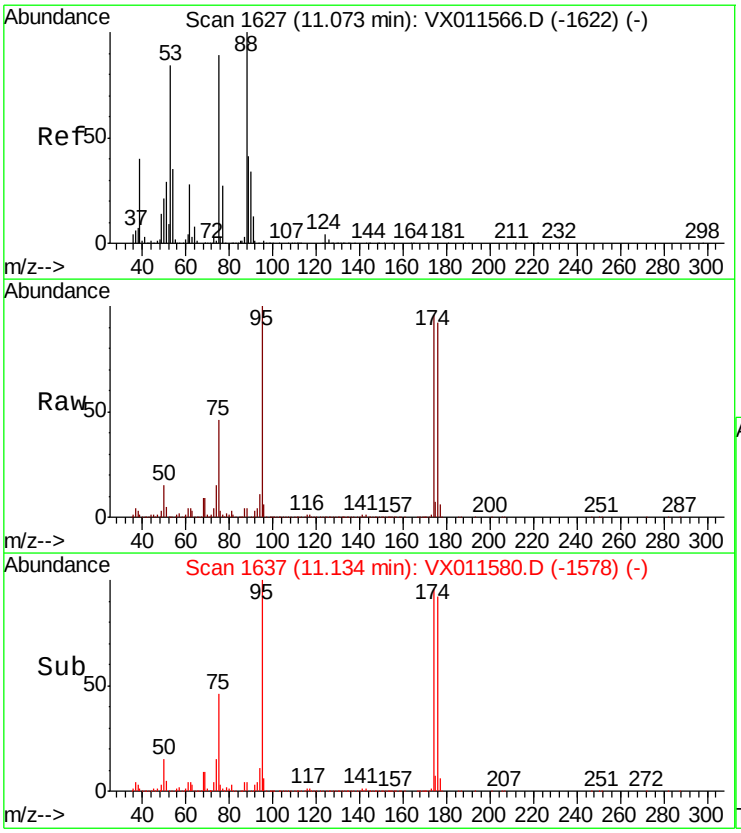
#80
1,3,5-Trimethylbenzene
Concen: 2.062 ug/l
RT: 11.66 min Scan# 1724
Delta R.T. 0.16 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion:105 Resp: 29959

Ion	Ratio	Lower	Upper
105	100		
120	30.6	25.3	75.8

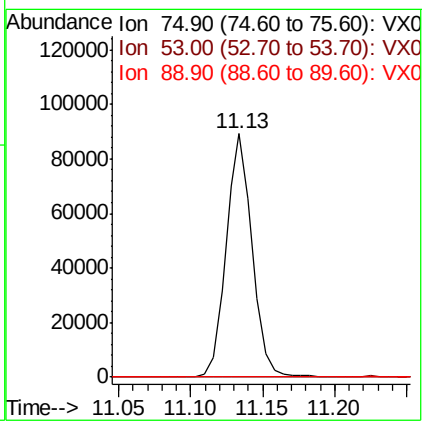


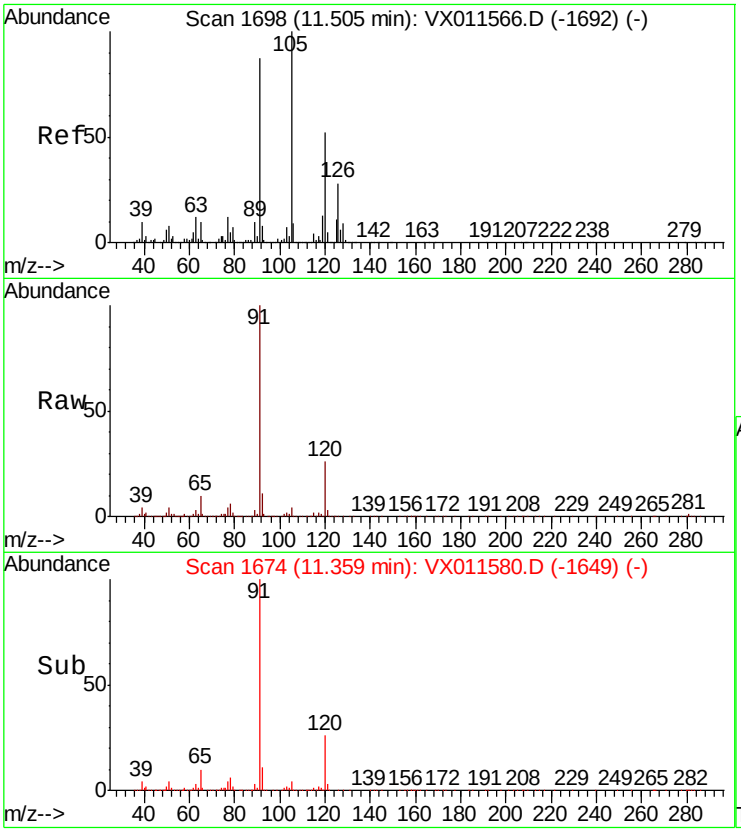


#81
trans-1,4-Dichloro-2-butene
Concen: 59.230 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion: 75 Resp: 112195

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.4	116.0#
89	0.3	37.3	55.9#



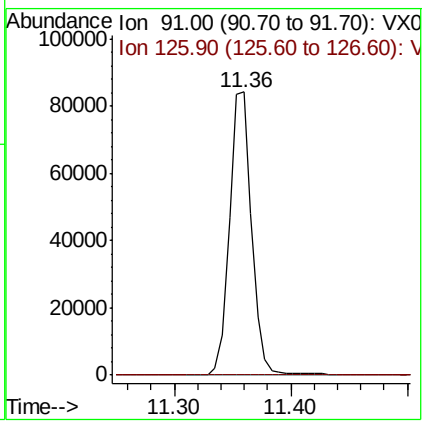


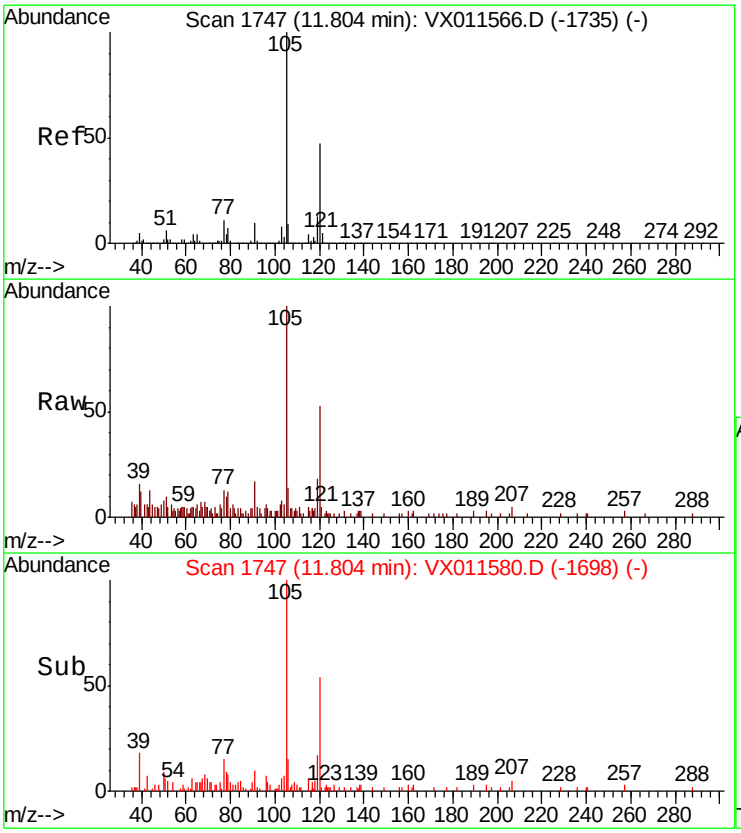
#82
4-Chlorotoluene
Concen: 8.390 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.15 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion: 91 Resp: 111454

Ion	Ratio	Lower	Upper
91	100		
126	0.1	16.4	49.1#

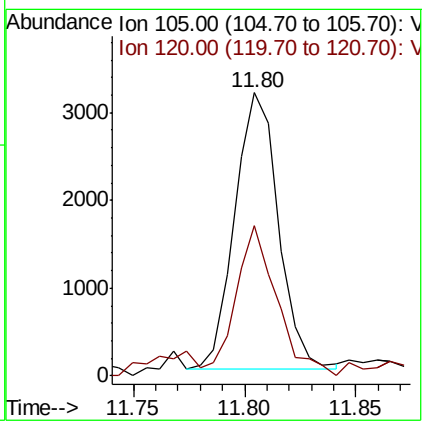


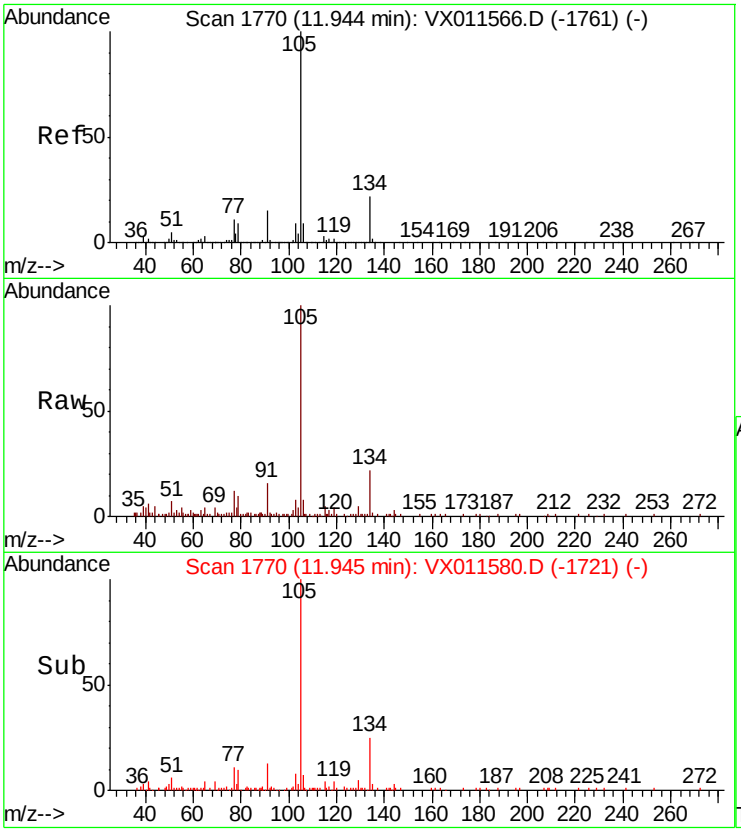


#84
1,2,4-Trimethylbenzene
Concen: 0.294 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion:105 Resp: 4291

Ion	Ratio	Lower	Upper
105	100		
120	51.2	23.3	69.9



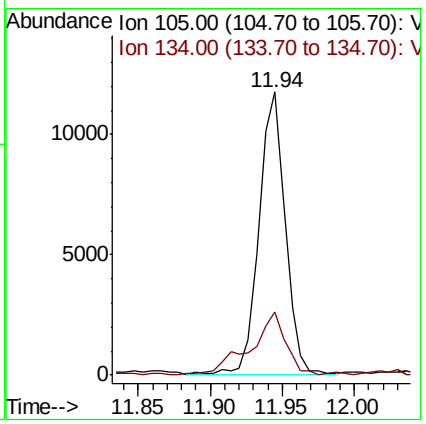


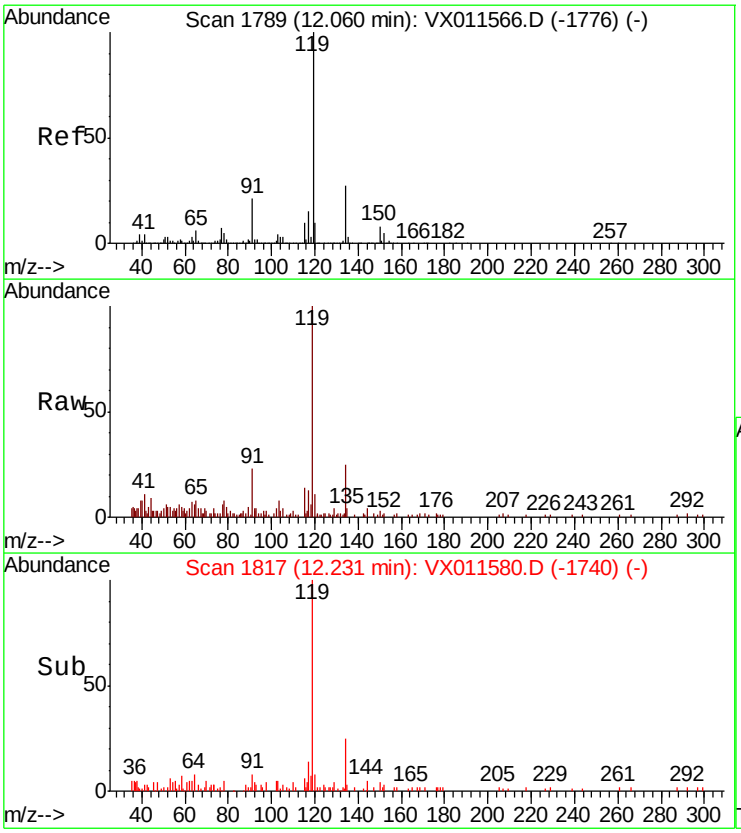
#85
sec-Butylbenzene
Concen: 0.890 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion:105 Resp: 14854

Ion	Ratio	Lower	Upper
105	100		
134	30.4	10.8	32.4

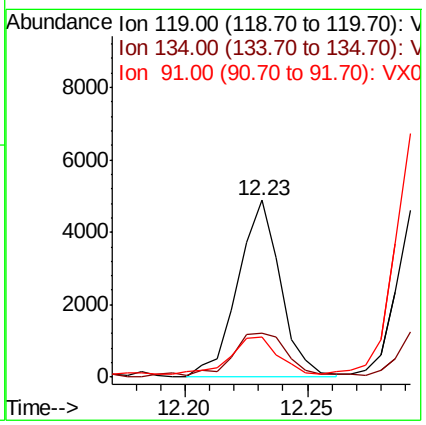


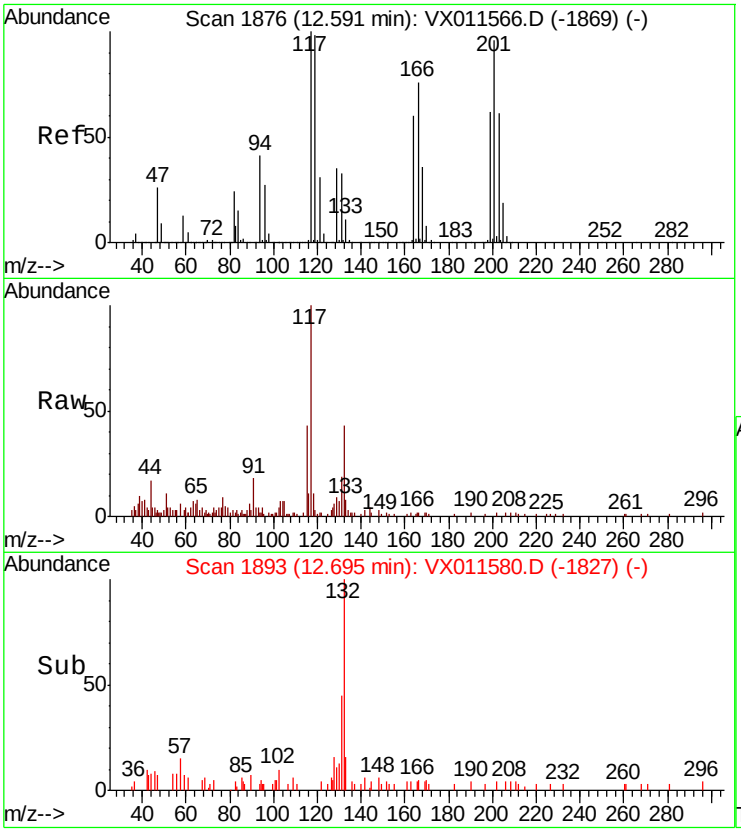


#86
p-Isopropyltoluene
Concen: 0.379 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Tgt Ion:119 Resp: 5952

Ion	Ratio	Lower	Upper
119	100		
134	34.0	13.6	40.8
91	23.6	10.9	32.9





#90
Hexachloroethane
Concen: 2.410 ug/l
RT: 12.69 min Scan# 1893
Delta R.T. 0.10 min
Lab File: VX011580.D
Acq: 16 Aug 2019 14:50

Instrument :
MSVOA_X
ClientSampleId :
PH2-0134

Tgt Ion:117 Resp: 5976

Ion	Ratio	Lower	Upper
117	100		
201	0.0	51.9	155.7#