Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010973.D
Acq On : 18 Jul 2019 20:48
Operator : JC/SP
Sample : K3884-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:38:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	244382	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	384835	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	359517	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171594	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	133721	51.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.86%				
35) Dibromofluoromethane	5.50	113	119263	48.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.66%				
50) Toluene-d8	8.71	98	464676	50.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.44%				
62) 4-Bromofluorobenzene	11.13	95	171122	50.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.64%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.22	85	20	0.554	ug/l	#	43
3) Chloromethane	1.33	50	483	0.215	ug/l		94
5) Bromomethane	1.65	94	511	0.396	ug/l	#	56
11) Tert butyl alcohol	3.02	59	1398	2.309	ug/l	#	73
13) Acrolein	2.30	56	233	0.666	ug/l		85
15) Acrylonitrile	3.17	53	550	0.450	ug/l	#	27
16) Acetone	2.44	43	4414	3.759	ug/l		94
31) Cyclohexane	5.57	56	1873	0.531	ug/l	#	94
36) 1,1-Dichloropropene	5.66	75	15992	5.059	ug/l	#	50
38) Carbon Tetrachloride	5.66	117	22421	6.807	ug/l	#	17
39) Methylcyclohexane	7.46	83	3299	0.805	ug/l		90
49) 1,4-Dioxane	7.57	88	19	0.262	ug/l	#	1
55) 1,1,2-Trichloroethane	9.16	97	2282	0.871	ug/l	#	17
60) Dibromochloromethane	9.34	129	19	2.534	ug/l	#	11
67) Ethyl Benzene	10.25	91	4400	0.350	ug/l		99
68) m/p-Xylenes	10.36	106	4473	0.928	ug/l		96
69) o-Xylene	10.69	106	1021	0.217	ug/l		90
73) Isopropylbenzene	11.02	105	5033	0.434	ug/l		98
76) 1,2,3-Trichloropropane	11.13	75	85236	27.527	ug/l	#	35
78) n-propylbenzene	11.36	91	2904	0.227	ug/l		90
80) 1,3,5-Trimethylbenzene	11.51	105	2621	0.271	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.13	75	85236	68.169	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.80	105	13870	1.420	ug/l		99
85) sec-Butylbenzene	11.94	105	2572	0.231	ug/l		96
86) p-Isopropyltoluene	12.02	119	2148	0.208	ug/l		98
90) Hexachloroethane	12.59	117	534	0.328	ug/l	#	6
95) Naphthalene	13.83	128	4469	0.406	ug/l		98

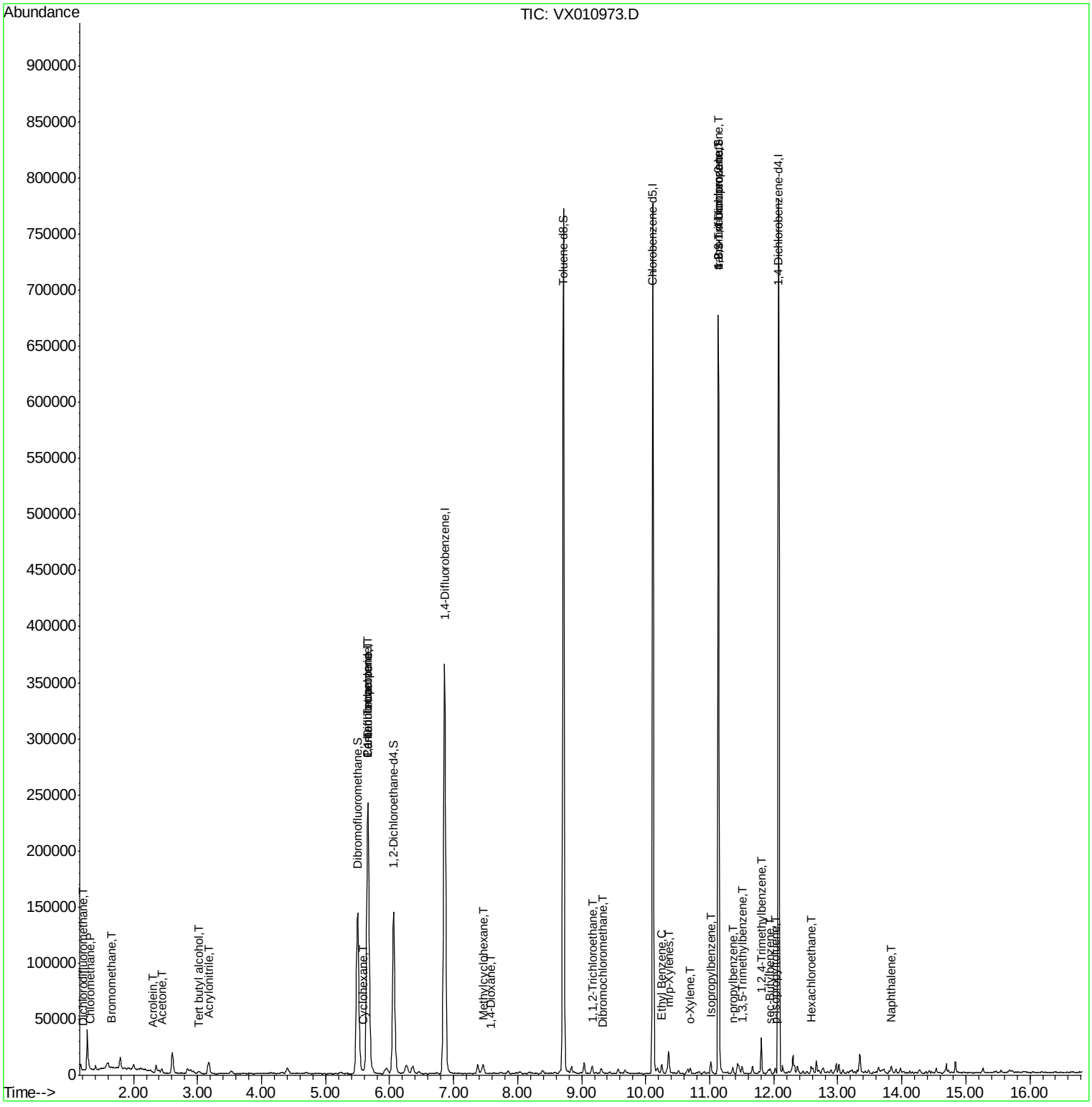
(#) = qualifier out of range (m) = manual integration (+) = signals summed

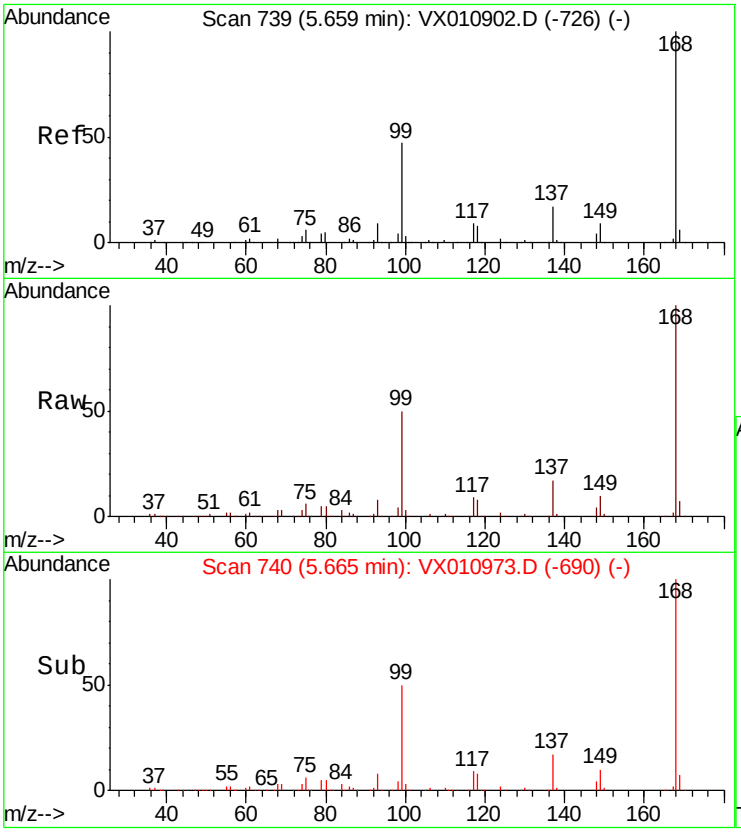
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010973.D
Acq On : 18 Jul 2019 20:48
Operator : JC/SP
Sample : K3884-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 19 01:38:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration



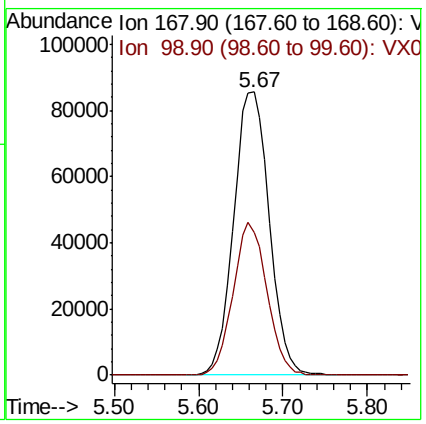


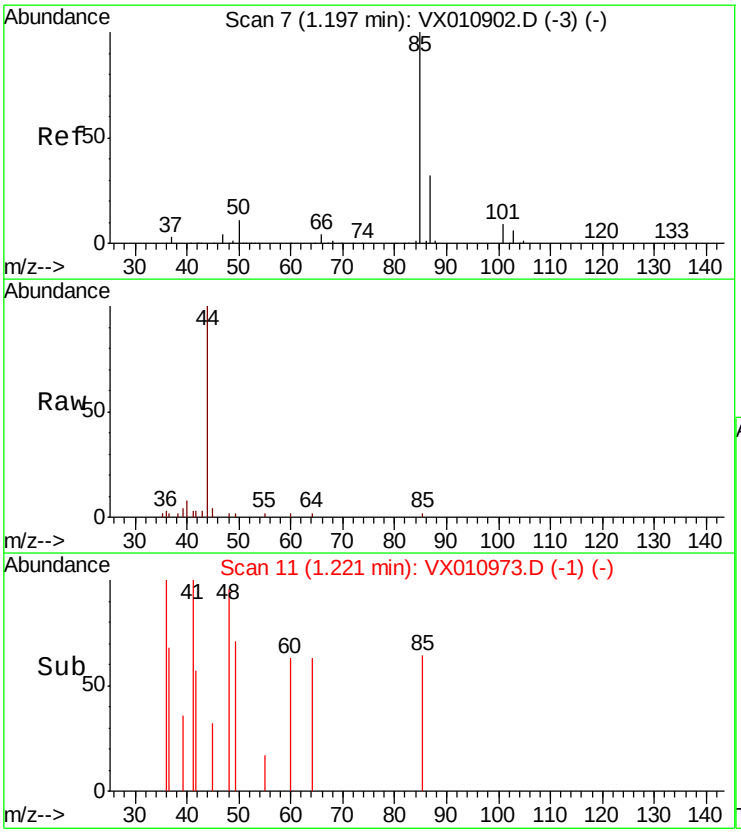
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 244382

Ion	Ratio	Lower	Upper
168	100		
99	50.2	37.6	56.4

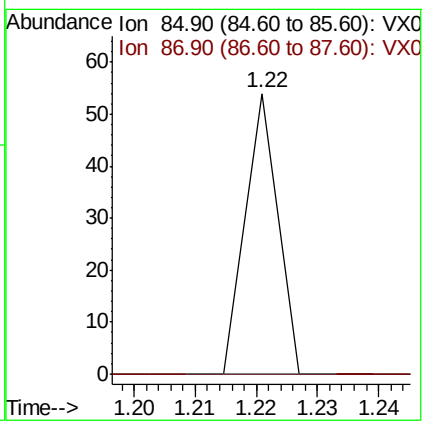


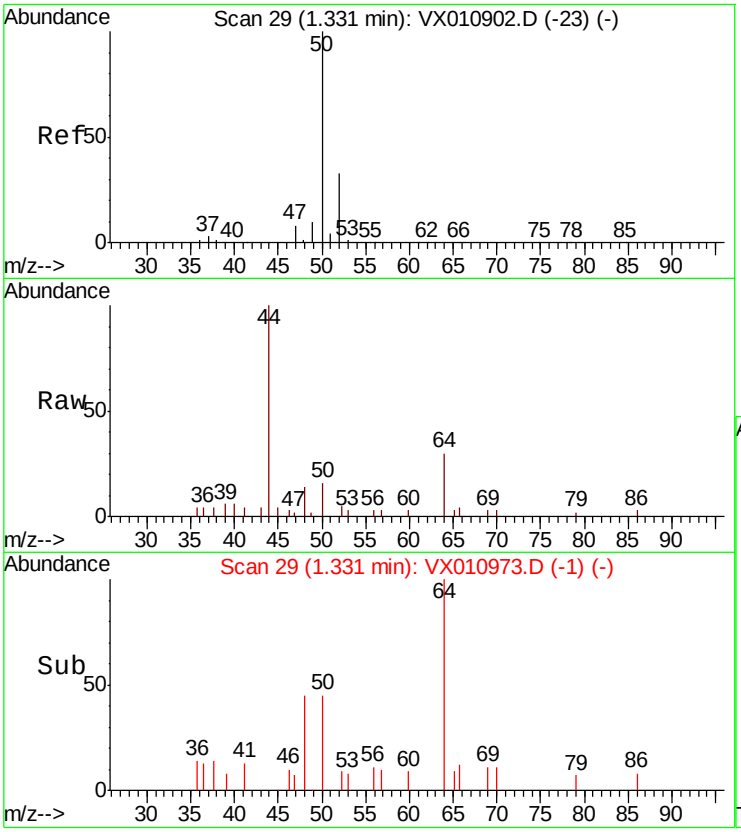


#2
Dichlorodifluoromethane
Concen: 0.554 ug/l
RT: 1.22 min Scan# 11
Delta R.T. 0.02 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 85 Resp: 20

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



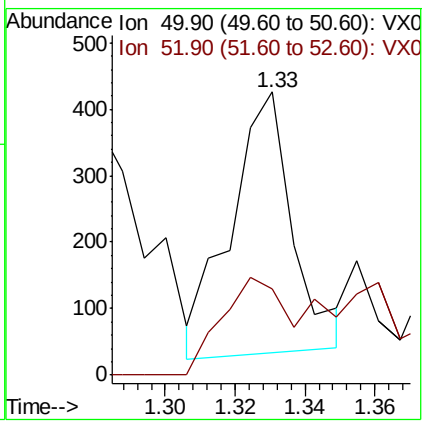


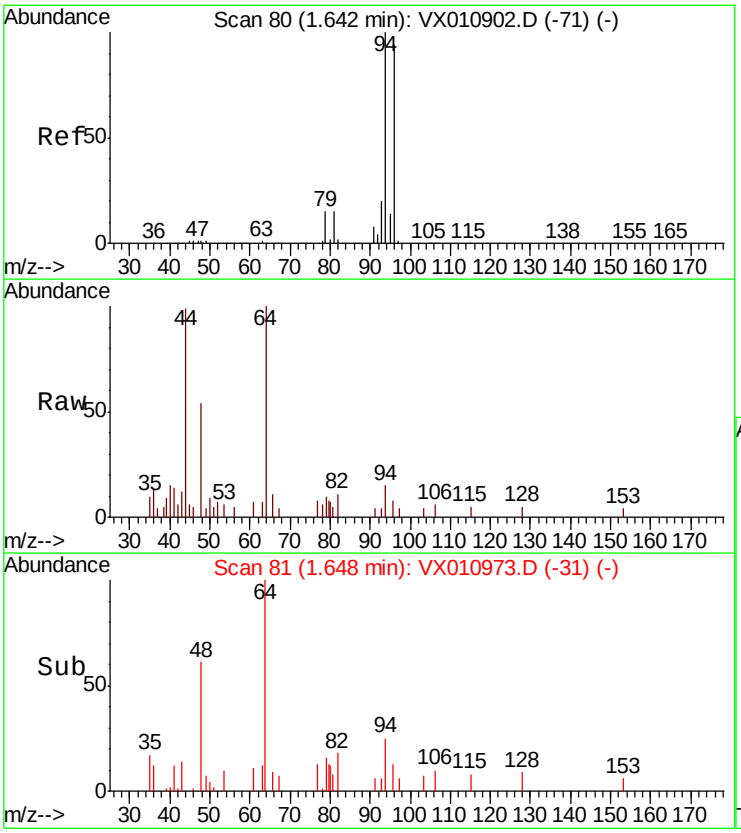
#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 483

Ion	Ratio	Lower	Upper
50	100		
52	36.6	26.4	39.6

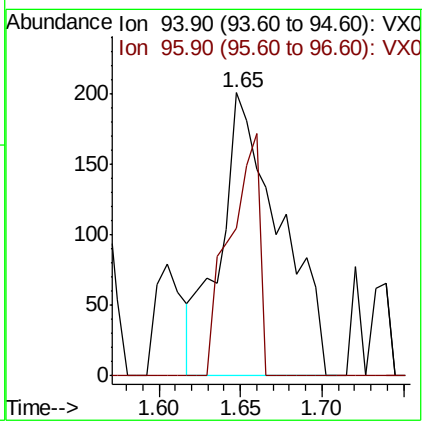


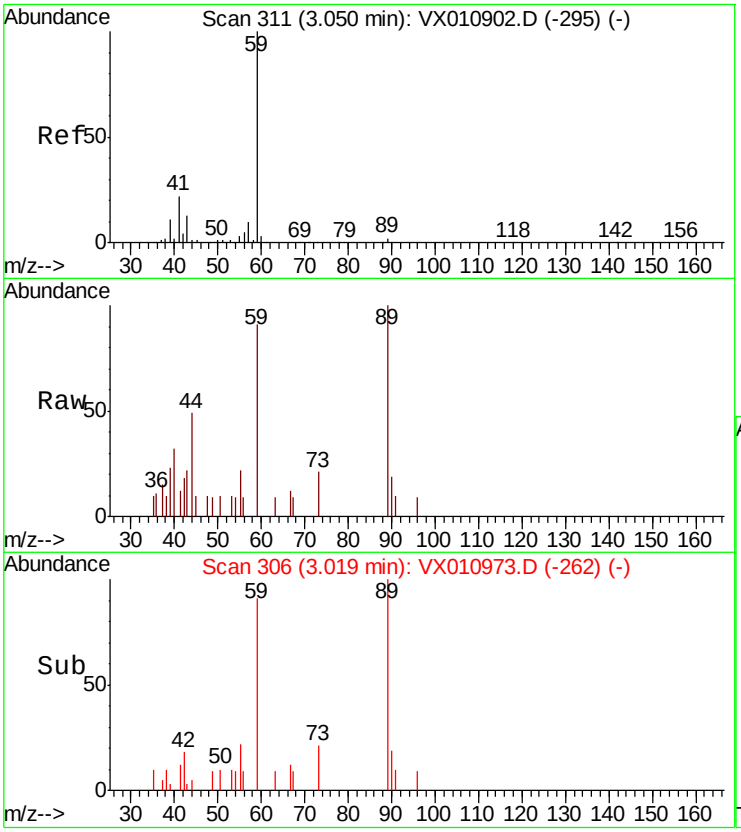


#5
Bromomethane
Concen: 0.396 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 94 Resp: 511

Ion	Ratio	Lower	Upper
94	100		
96	52.2	75.6	113.4#



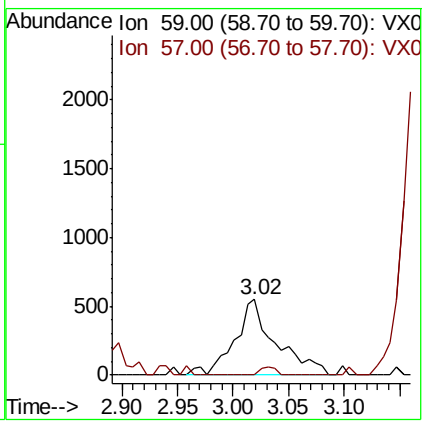


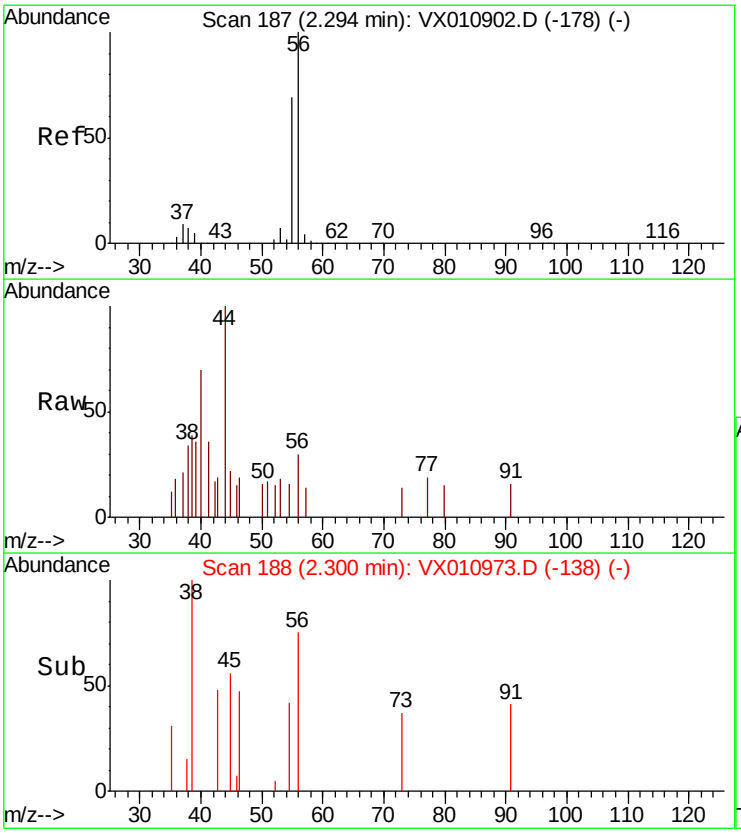
#11
Tert butyl alcohol
Concen: 2.309 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1398

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

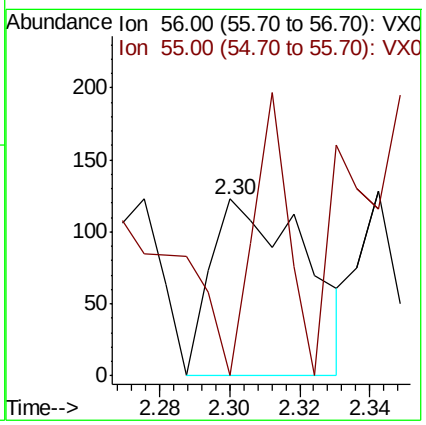


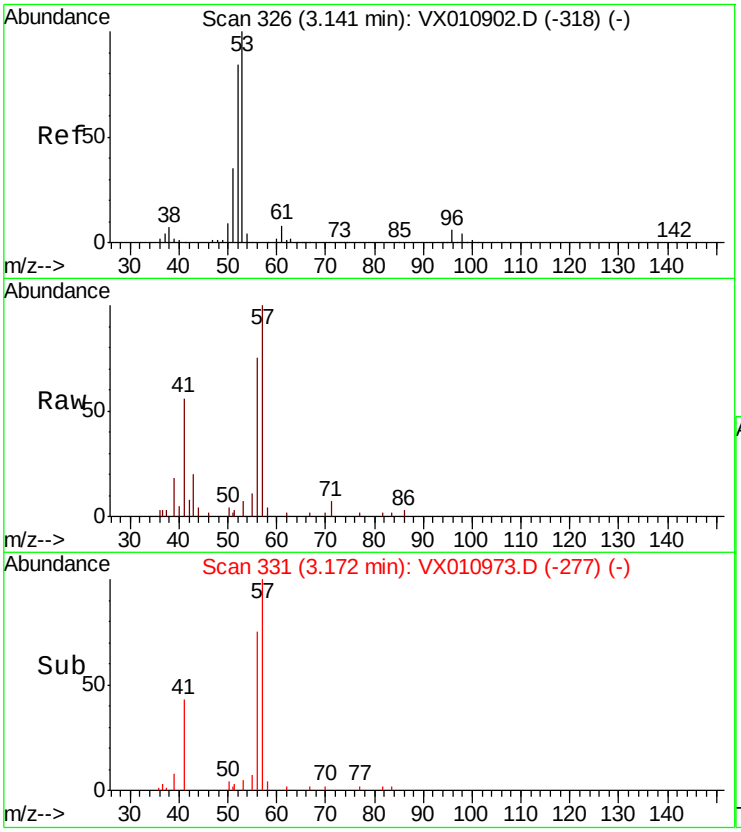


#13
Acrolein
Concen: 0.666 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 56 Resp: 233

Ion	Ratio	Lower	Upper
56	100		
55	57.5	55.9	83.9



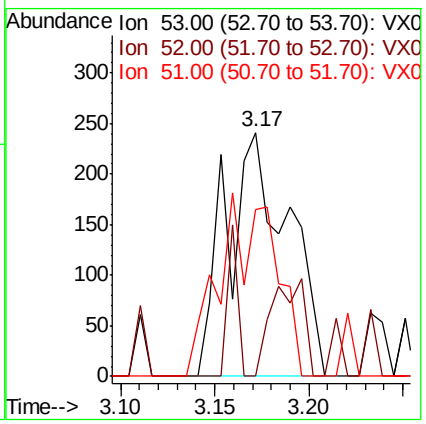


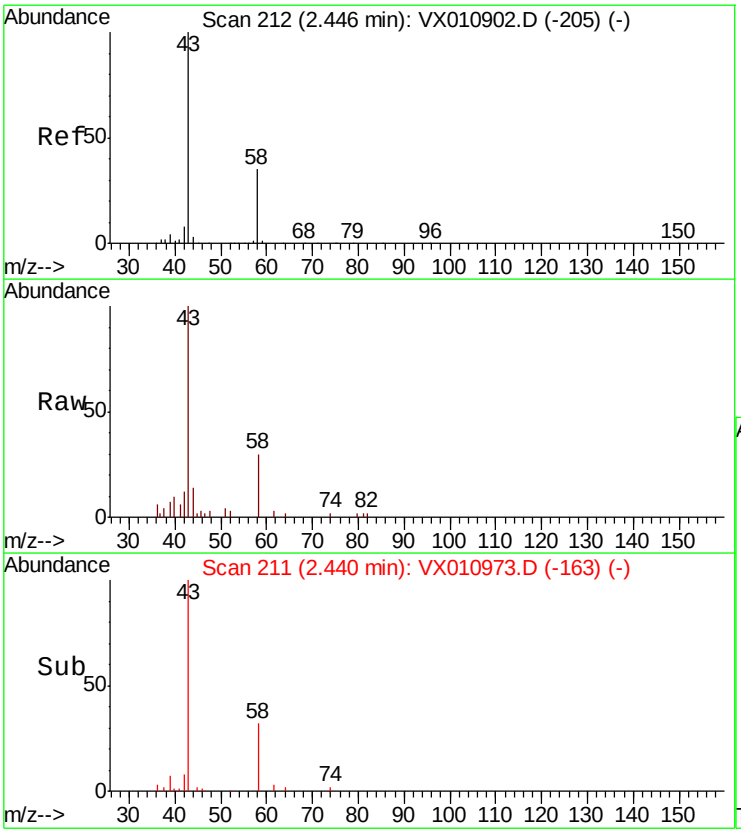
#15
Acrylonitrile
Concen: 0.450 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.03 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 550

Ion	Ratio	Lower	Upper
53	100		
52	10.0	66.5	99.7#
51	67.3	28.2	42.4#

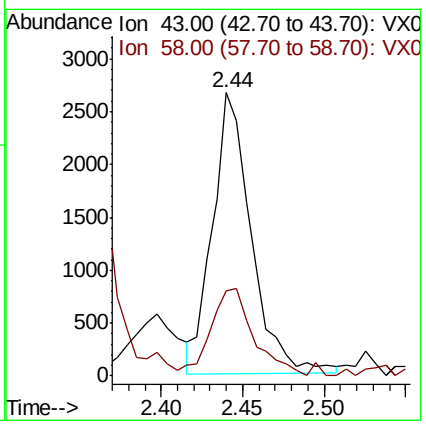


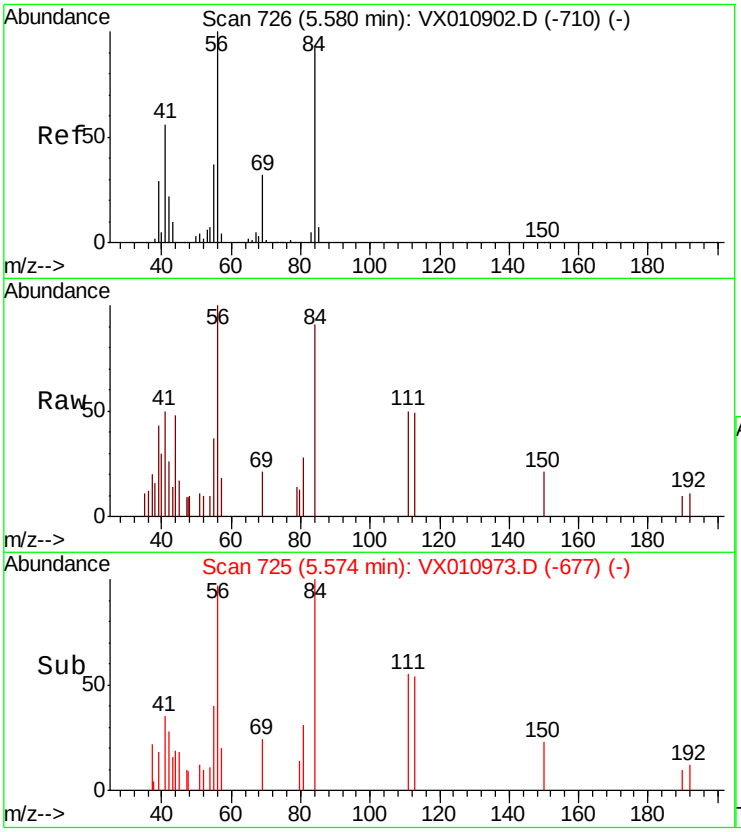


#16
Acetone
Concen: 3.759 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 43 Resp: 4414

Ion	Ratio	Lower	Upper
43	100		
58	31.2	27.7	41.5



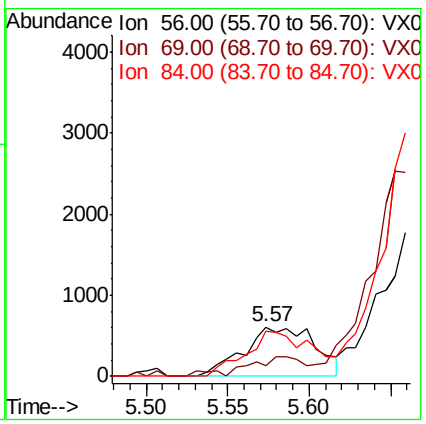


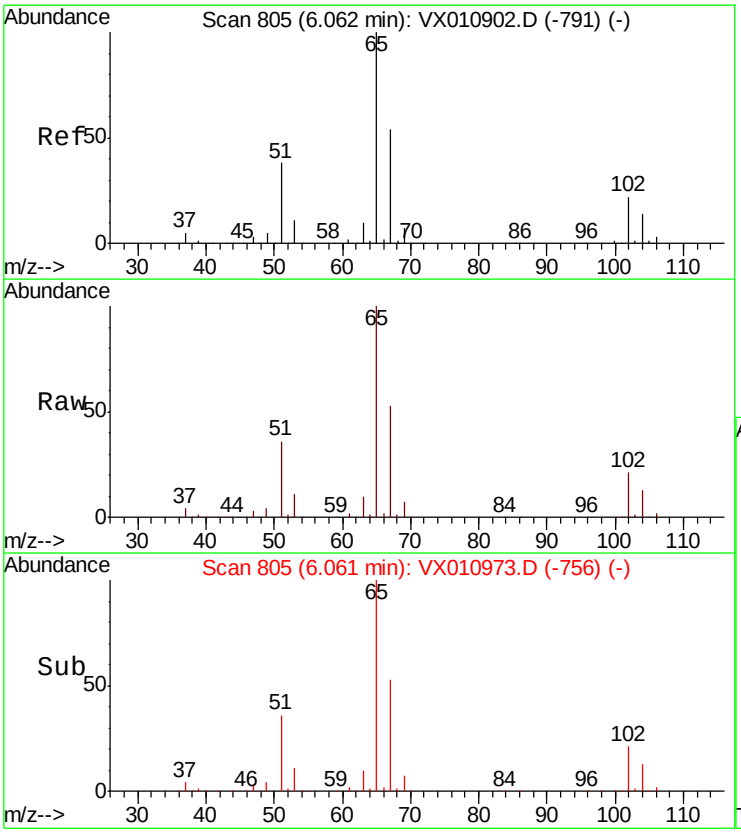
#31
Cyclohexane
Concen: 0.531 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 1873

Ion	Ratio	Lower	Upper
56	100		
69	21.5	25.8	38.8#
84	91.3	73.8	110.6

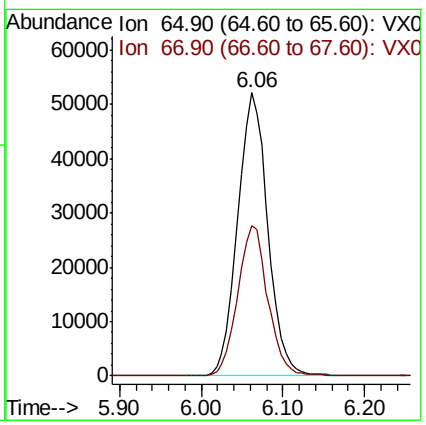


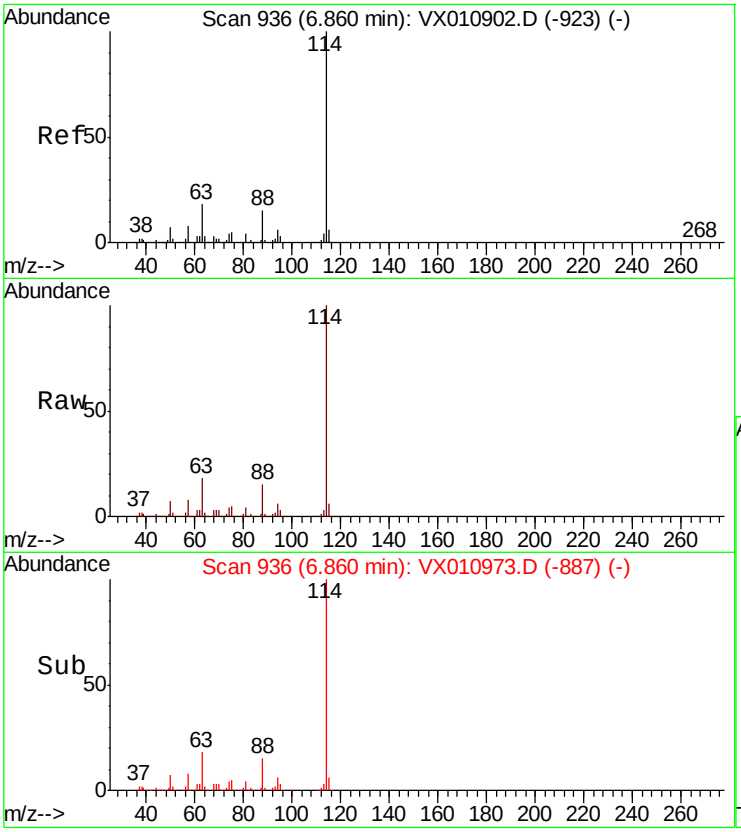


#33
1,2-Dichloroethane-d4
Concen: 51.434 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 65 Resp: 133721

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8



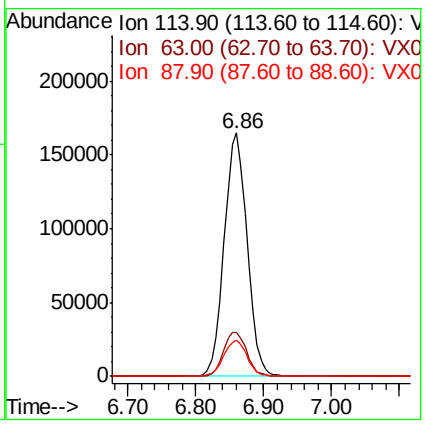


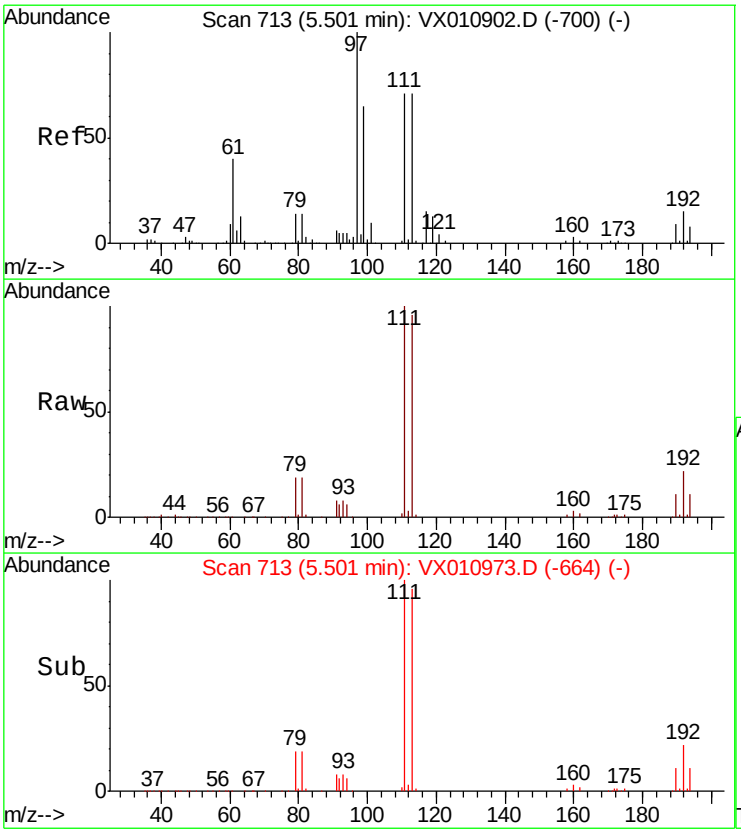
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 384835

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	15.1	0.0	29.8

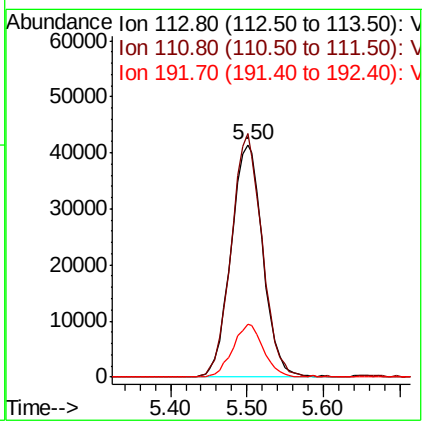


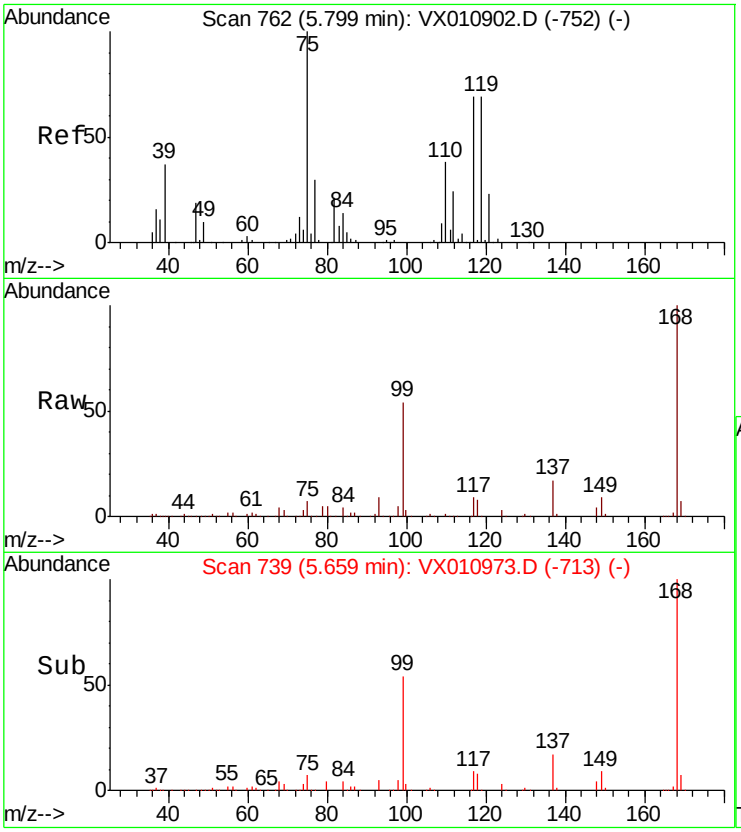


#35
Dibromofluoromethane
Concen: 48.826 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:113 Resp: 119263

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.3	123.5
192	21.9	17.4	26.2



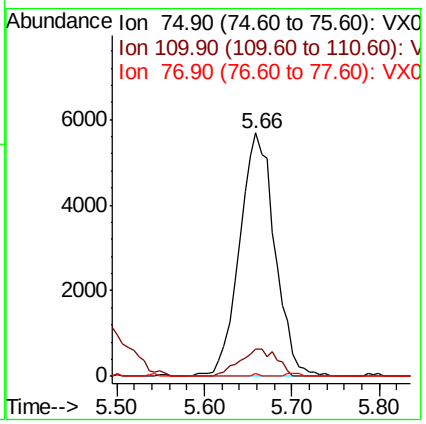


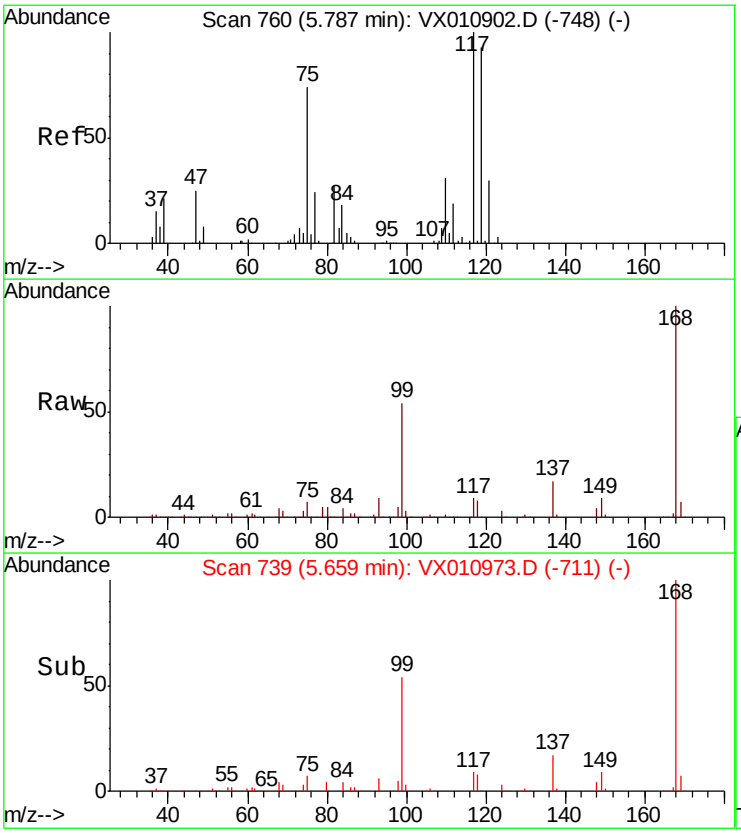
#36
1,1-Dichloropropene
Concen: 5.059 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 15992

Ion	Ratio	Lower	Upper
75	100		
110	11.8	19.9	59.7#
77	0.2	25.0	37.4#

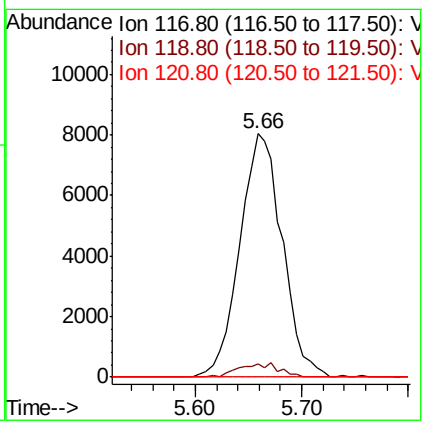


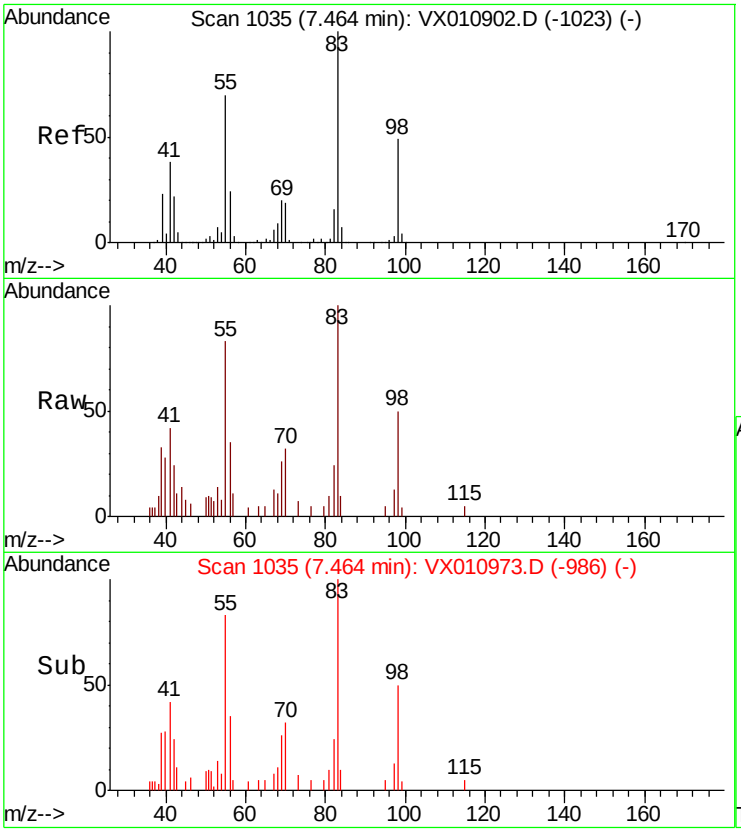


#38
Carbon Tetrachloride
Concen: 6.807 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:117 Resp: 22421

Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.2	111.2#
121	0.0	24.2	36.2#



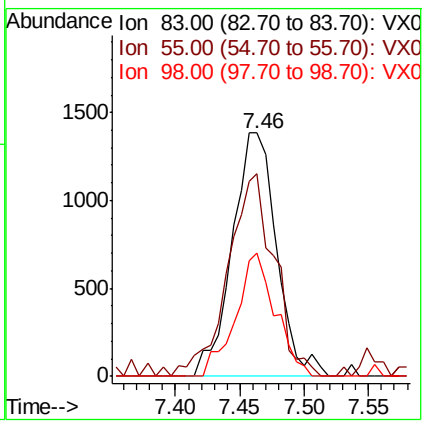


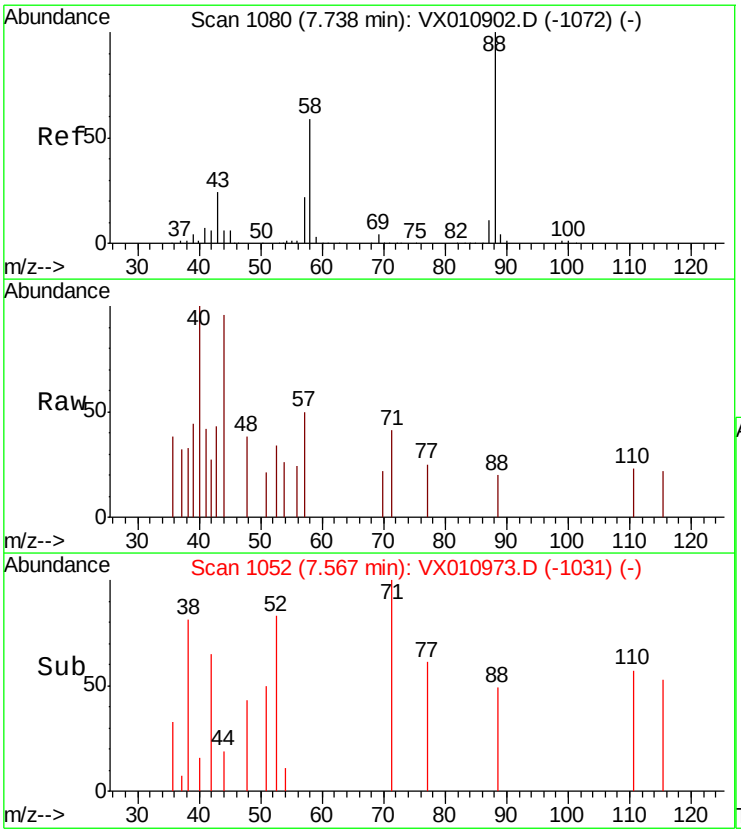
#39
Methylcyclohexane
Concen: 0.805 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 3299

Ion	Ratio	Lower	Upper
83	100		
55	83.2	56.2	84.4
98	50.5	39.0	58.4

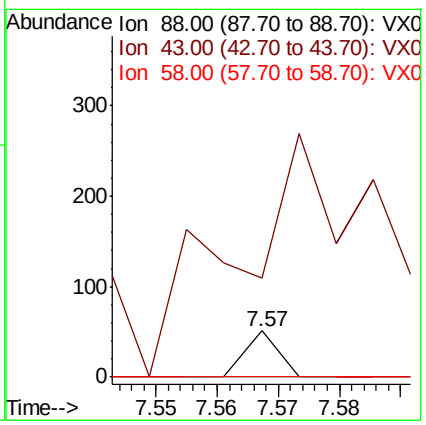


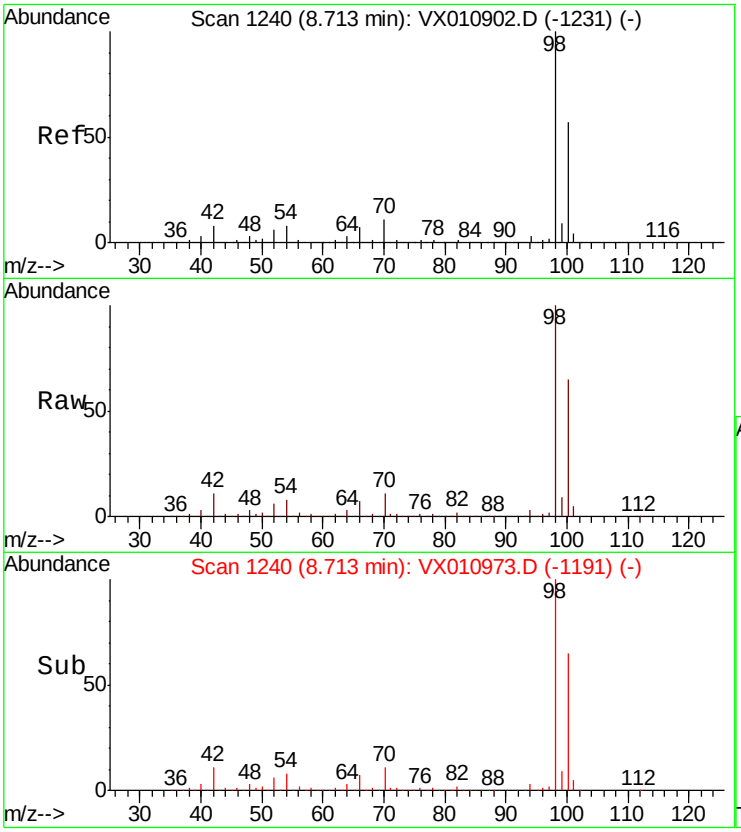


#49
1,4-Dioxane
Concen: 0.262 ug/l
RT: 7.57 min Scan# 1052
Delta R.T. -0.17 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	3031.6	22.9	34.3#
58	0.0	49.8	74.8#



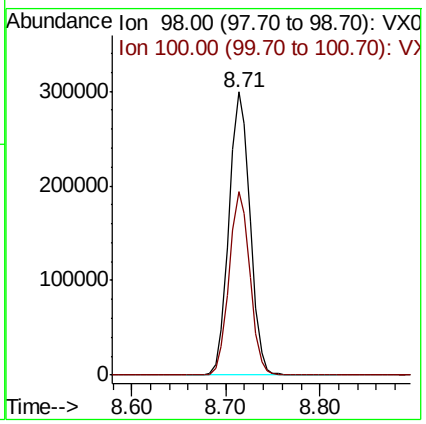


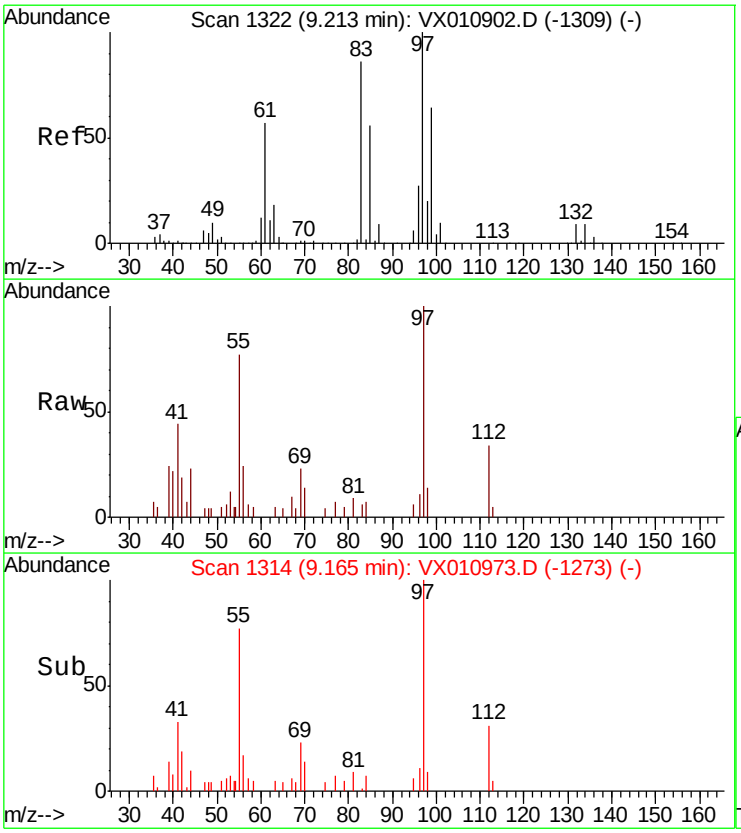
#50
Toluene-d8
Concen: 50.721 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 464676

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8

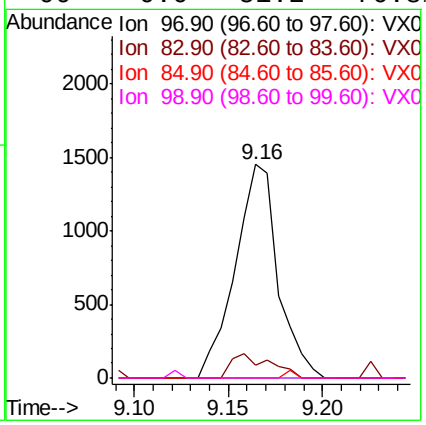


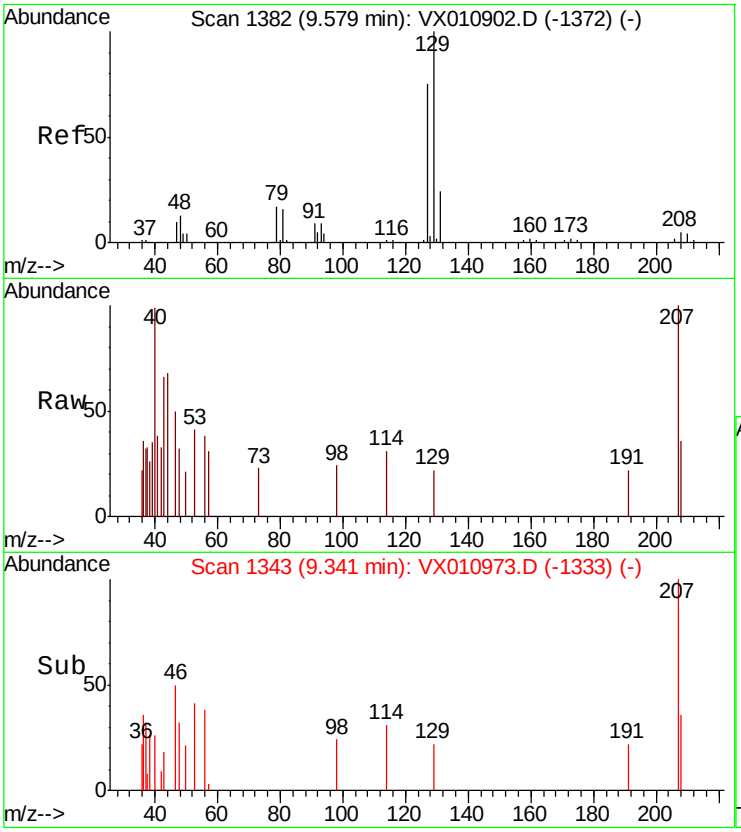


#55
1,1,2-Trichloroethane
Concen: 0.871 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 97 Resp: 2282

Ion	Ratio	Lower	Upper
97	100		
83	5.9	69.2	103.8#
85	0.0	44.6	66.8#
99	0.0	51.2	76.8#



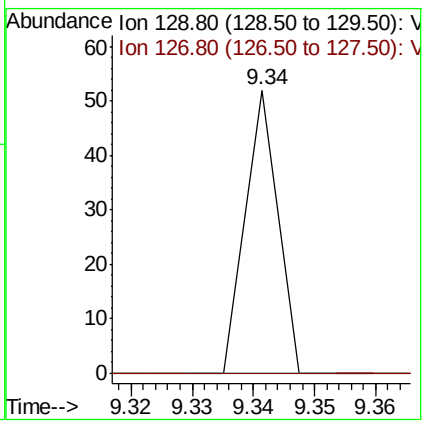


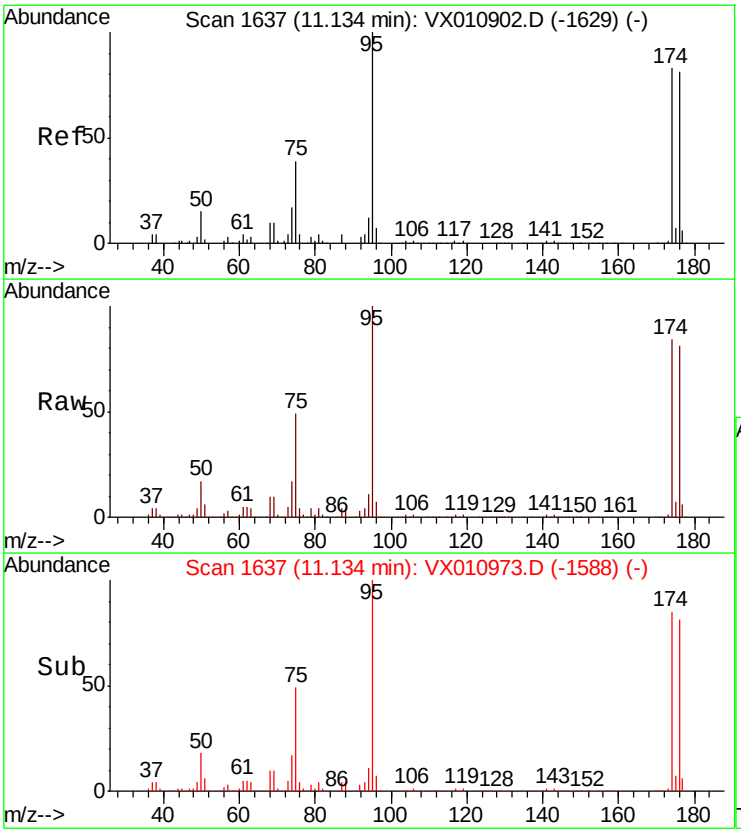
#60
Dibromochloromethane
Concen: 2.534 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. -0.24 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 19

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

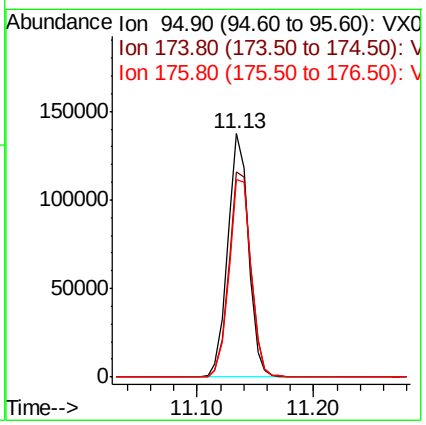


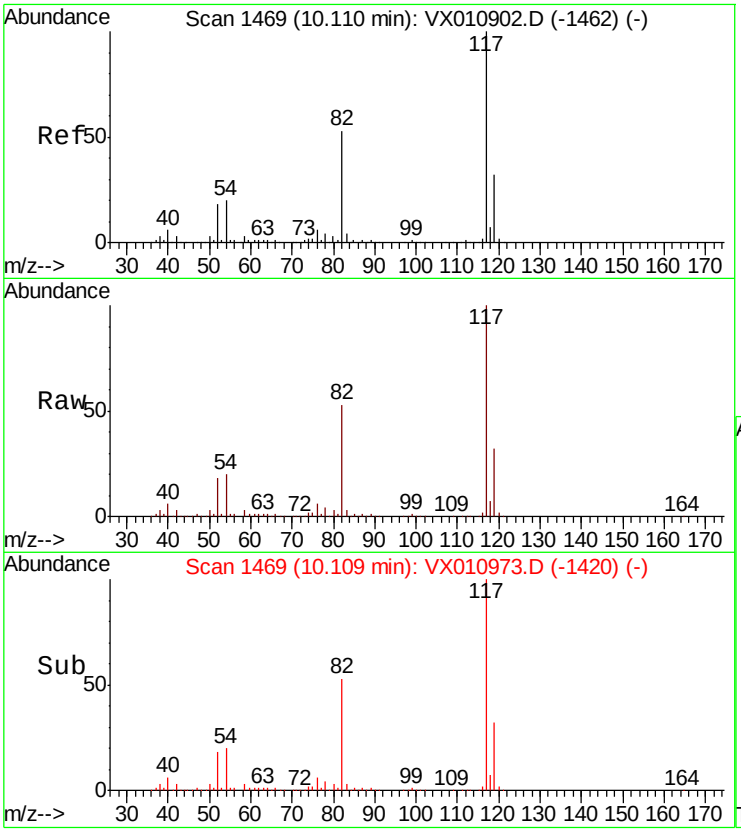


#62
4-Bromofluorobenzene
Concen: 50.816 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 95 Resp: 171122

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	180.6
176	85.9	0.0	173.8



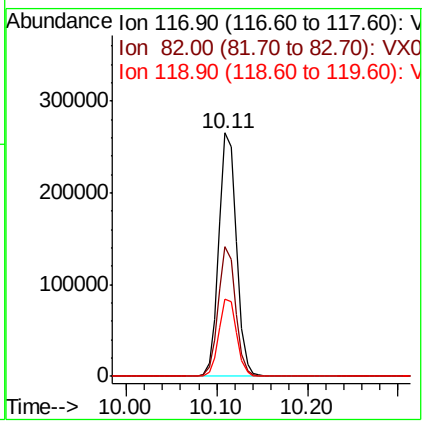


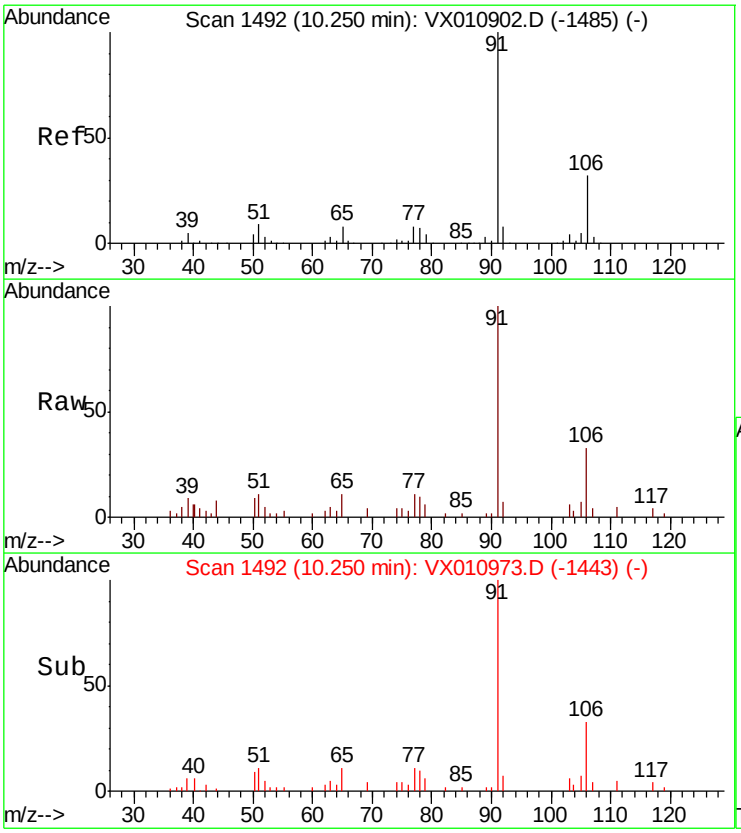
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 359517

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	63.8
119	31.6	25.9	38.9

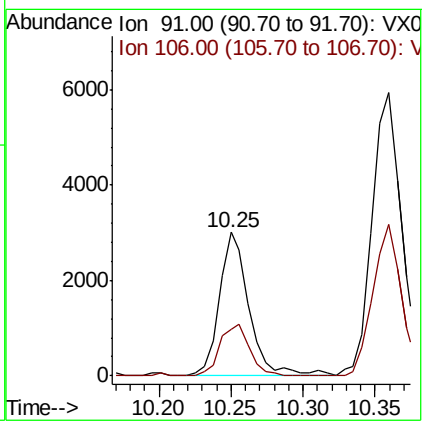


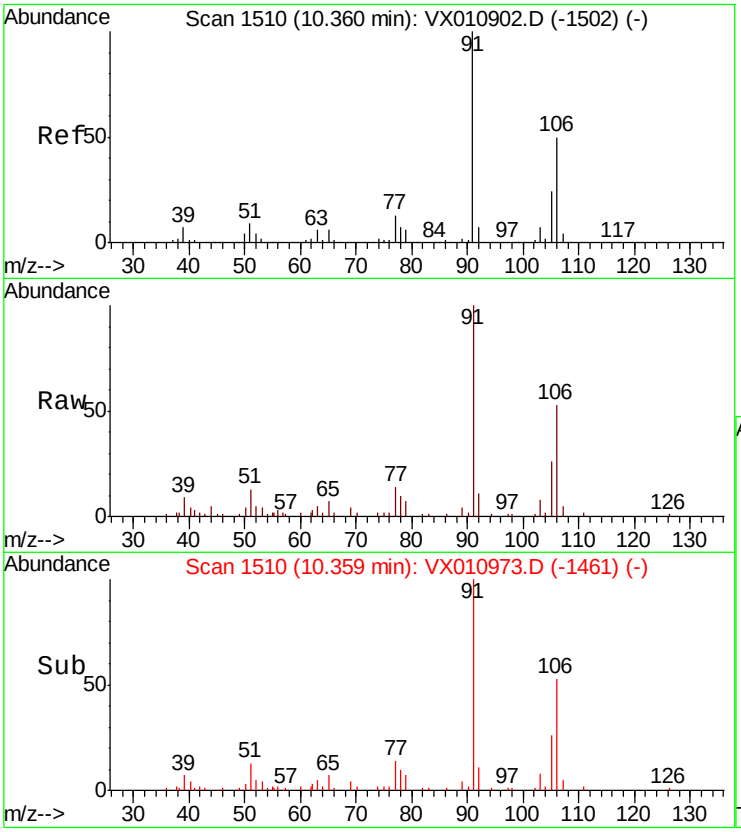


#67
Ethyl Benzene
Concen: 0.350 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 91 Resp: 4400

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.4	38.2



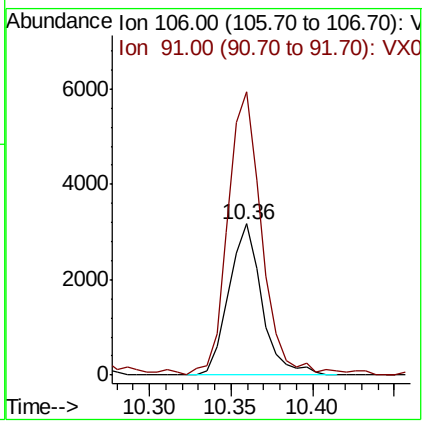


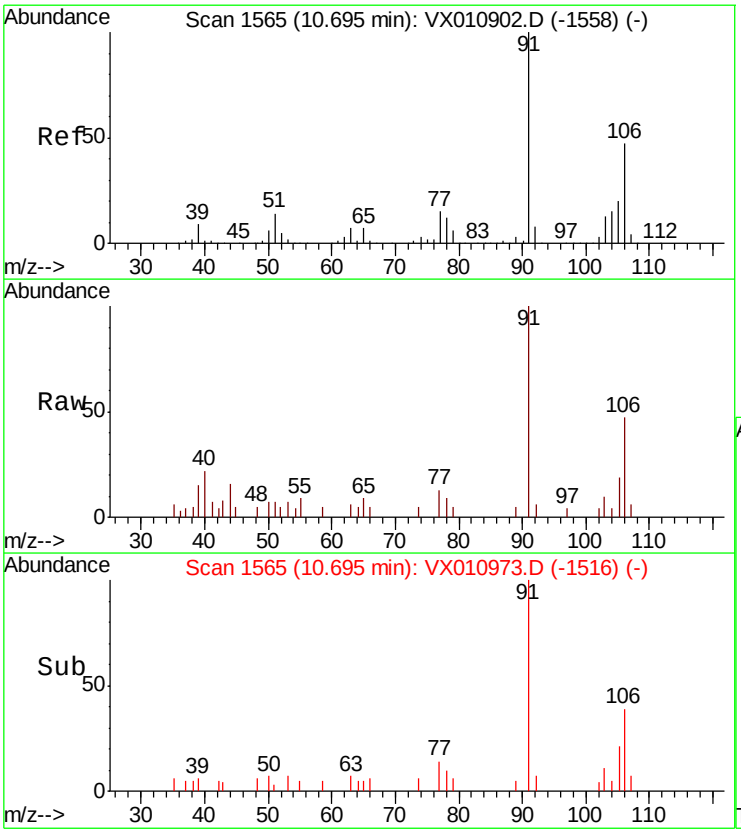
#68
m/p-Xylenes
Concen: 0.928 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 4473

Ion	Ratio	Lower	Upper
106	100		
91	193.9	160.1	240.1

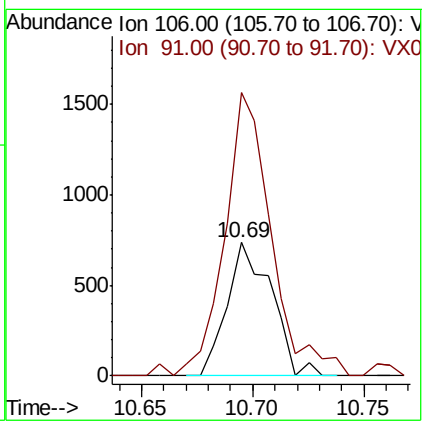


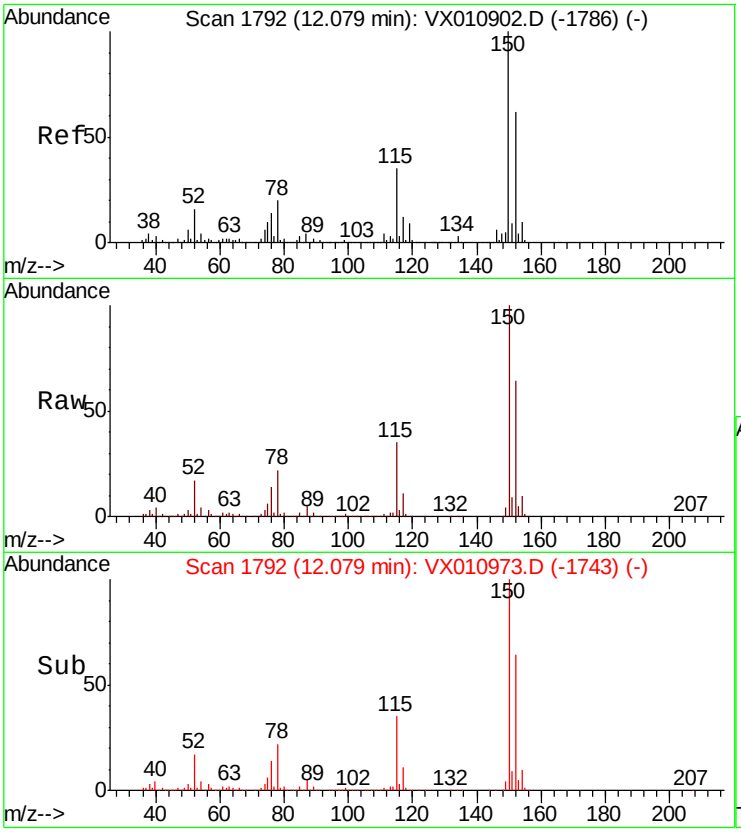


#69
o-Xylene
Concen: 0.217 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:106 Resp: 1021

Ion	Ratio	Lower	Upper
106	100		
91	225.6	105.1	315.3



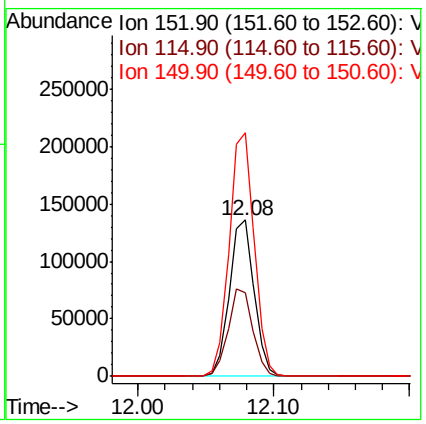


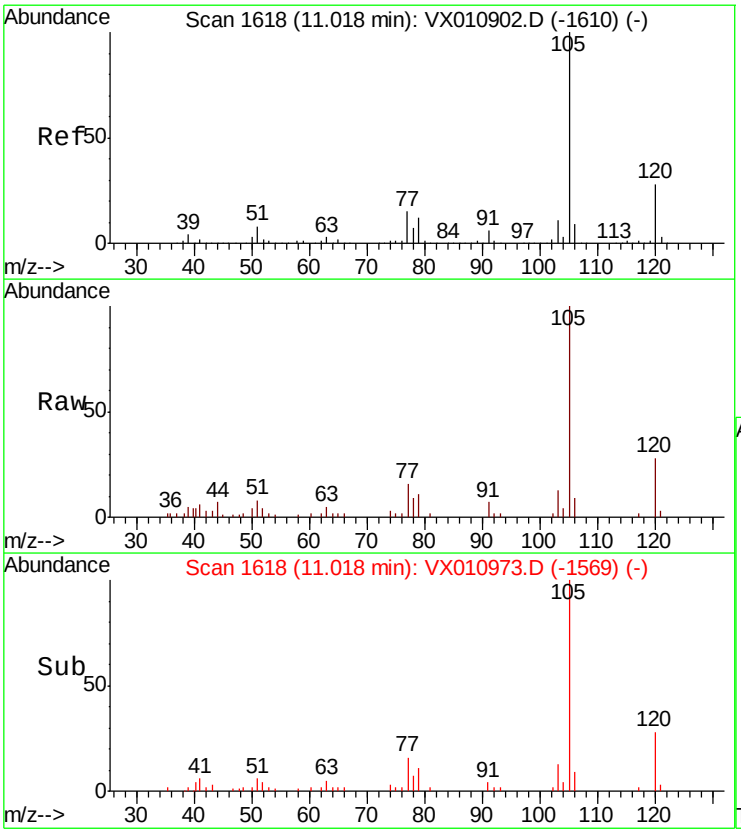
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 171594

Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.7	119.1
150	157.5	0.0	345.6

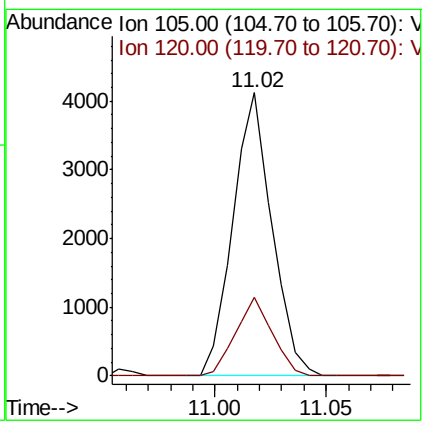


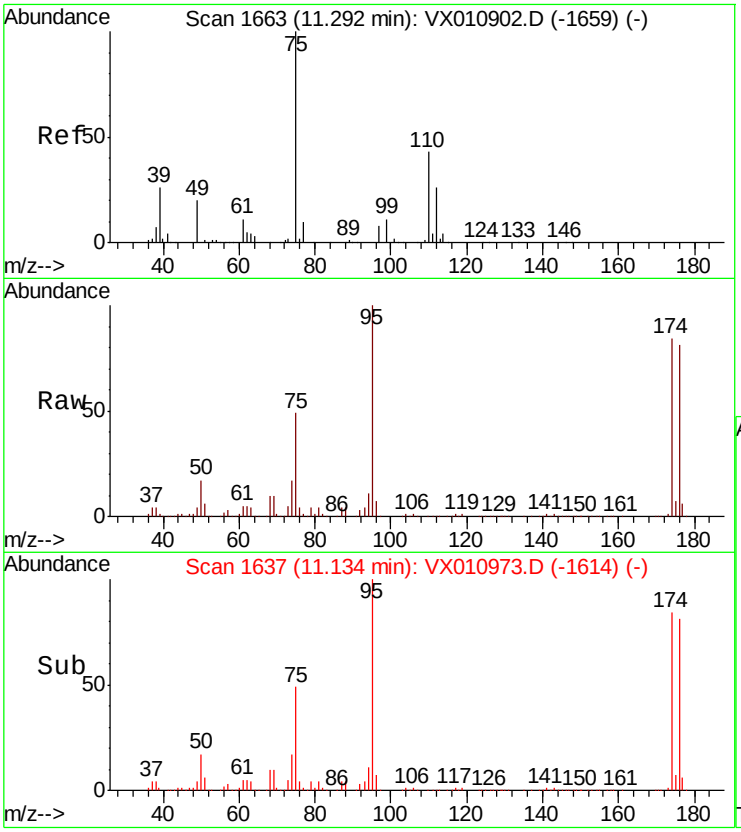


#73
Isopropylbenzene
Concen: 0.434 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:105 Resp: 5033

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.7	41.1



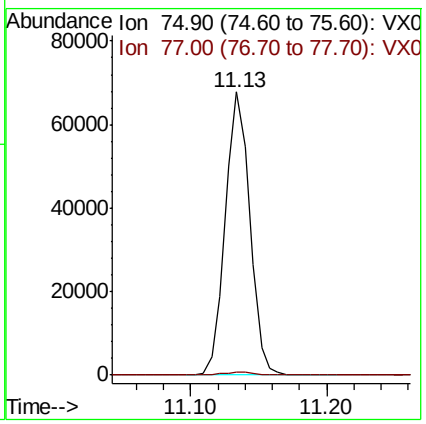


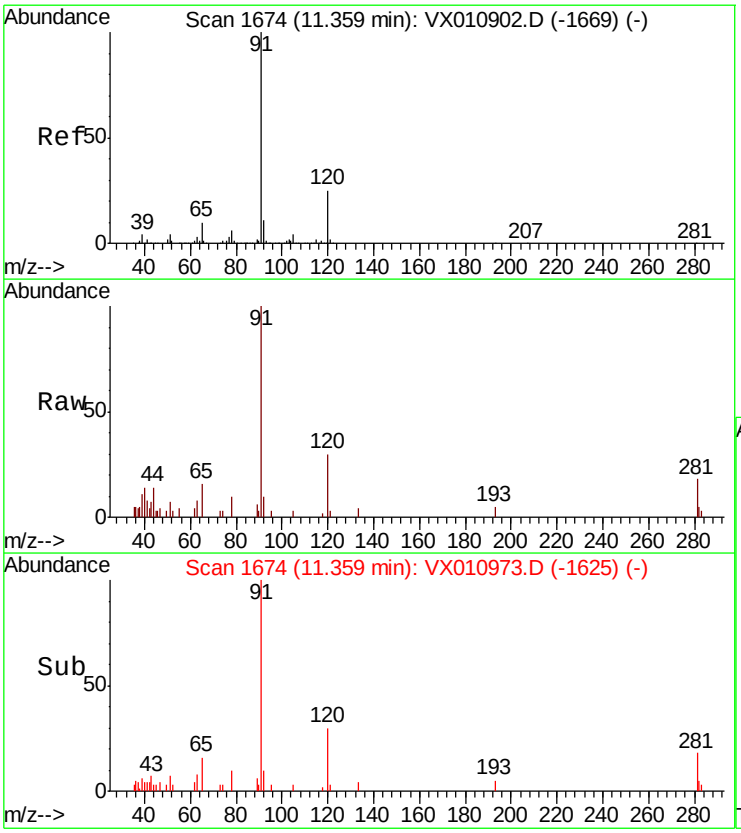
#76
1,2,3-Trichloropropane
Concen: 27.527 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 85236

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.3	64.0#

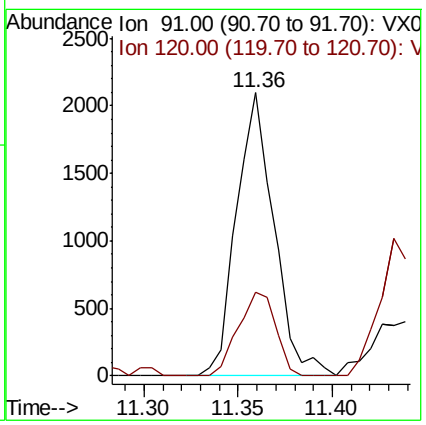


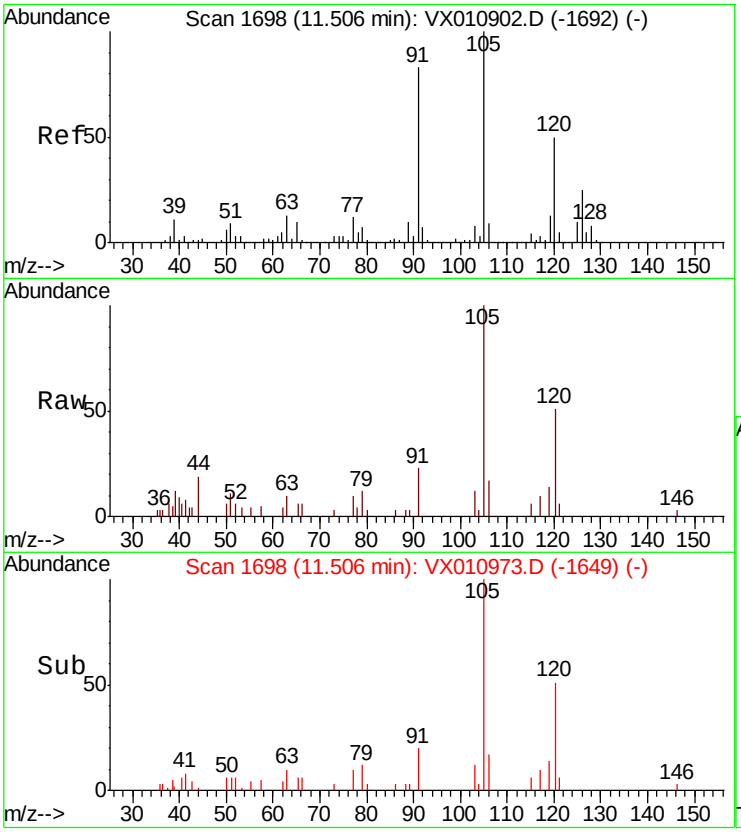


#78
n-propylbenzene
Concen: 0.227 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 91 Resp: 2904

Ion	Ratio	Lower	Upper
91	100		
120	29.4	12.3	36.8



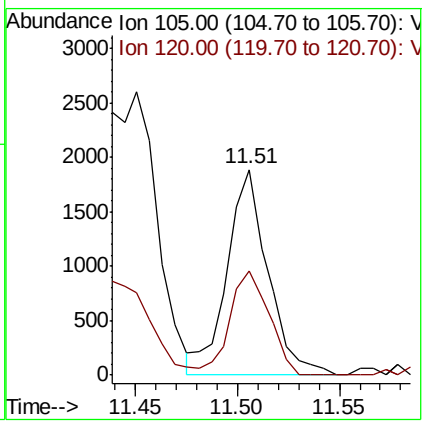


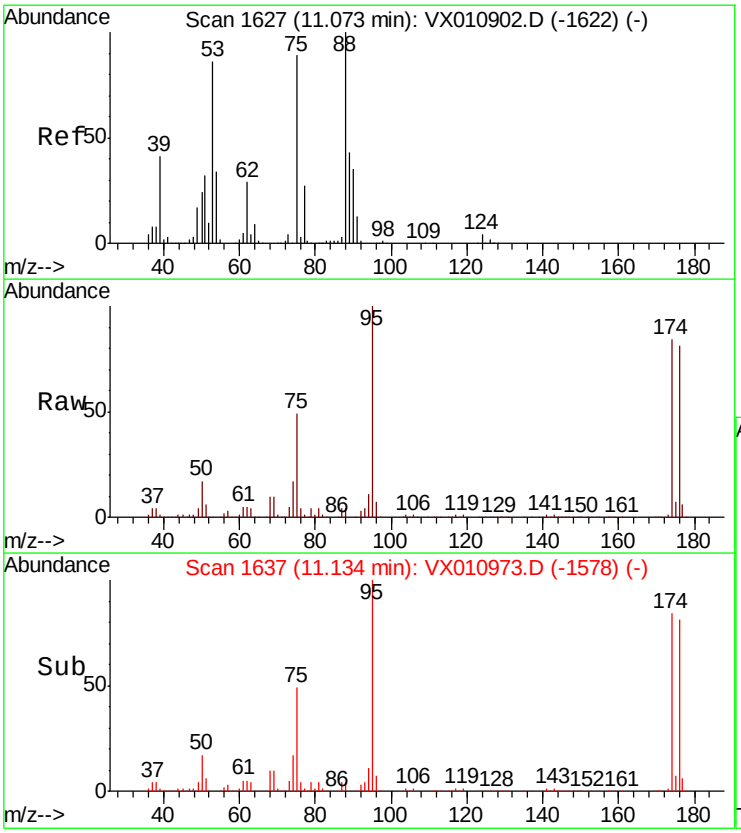
#80
1,3,5-Trimethylbenzene
Concen: 0.271 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2621

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.6	73.8

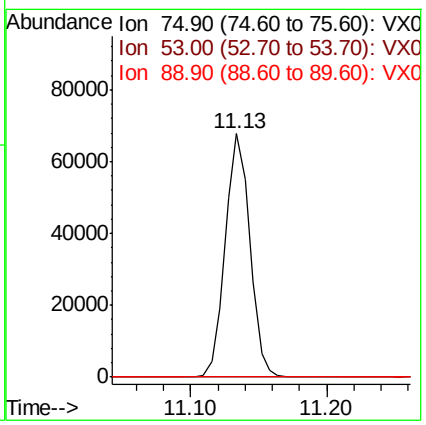


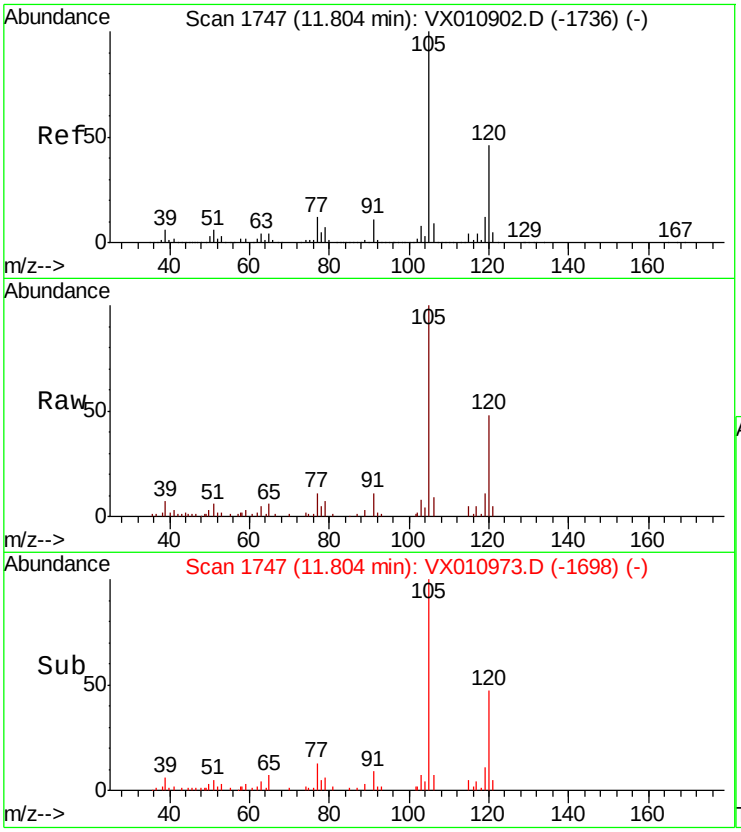


#81
trans-1,4-Dichloro-2-butene
Concen: 68.169 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion: 75 Resp: 85236

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.5	57.7#



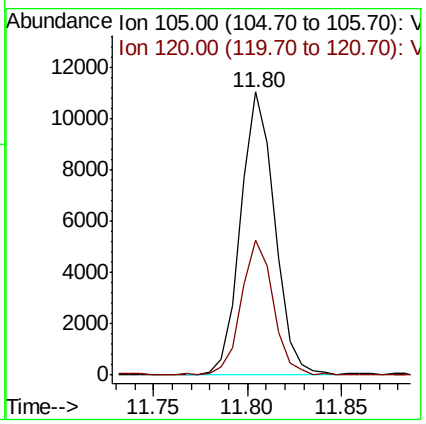


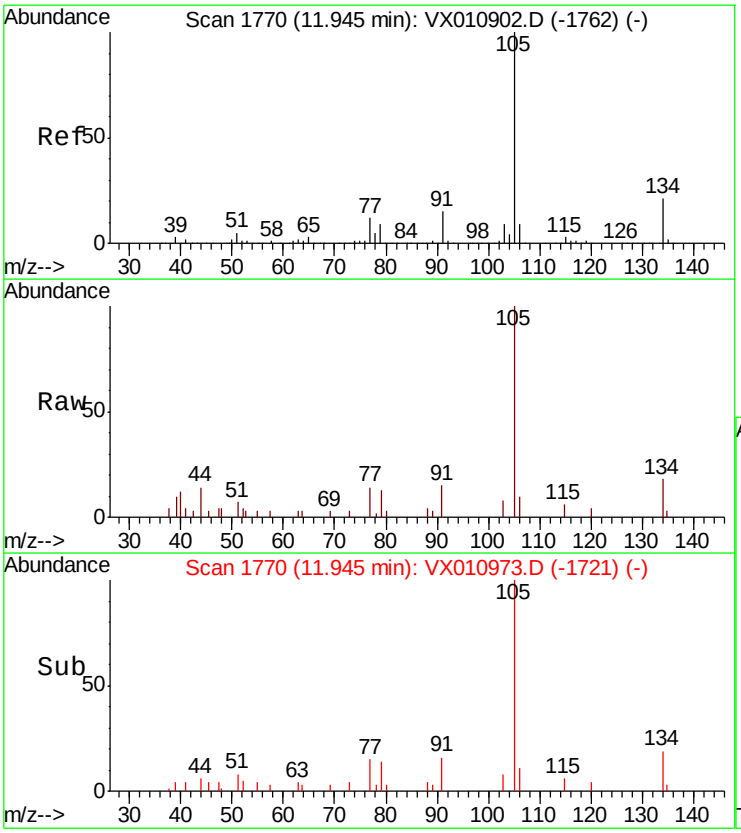
#84
1,2,4-Trimethylbenzene
Concen: 1.420 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 13870

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.9	68.5

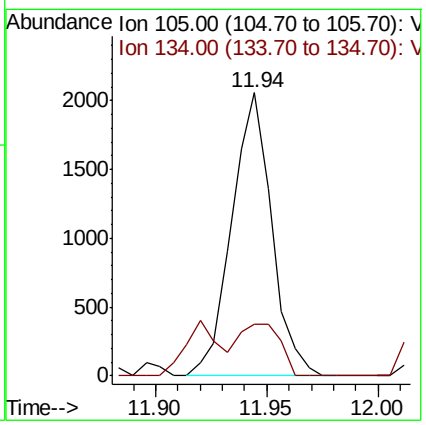


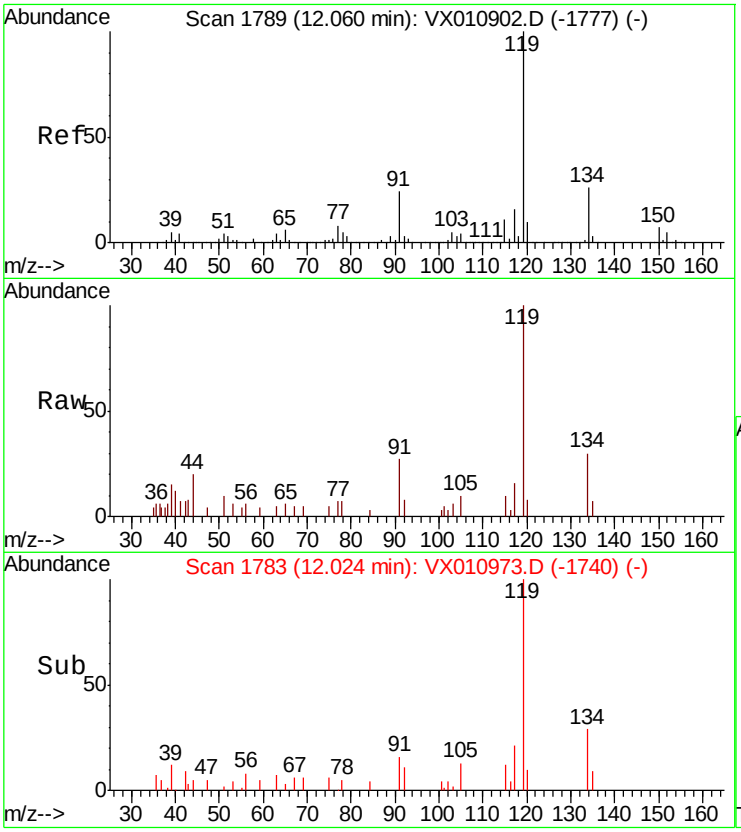


#85
sec-Butylbenzene
Concen: 0.231 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:105 Resp: 2572

Ion	Ratio	Lower	Upper
105	100		
134	18.9	10.4	31.4



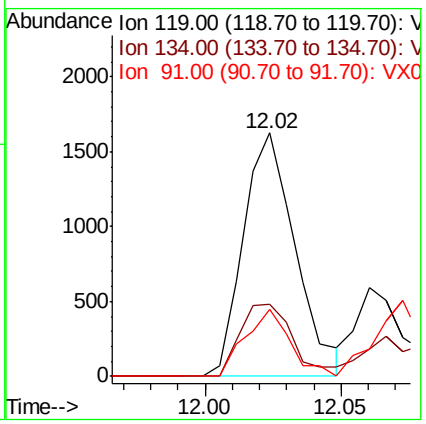


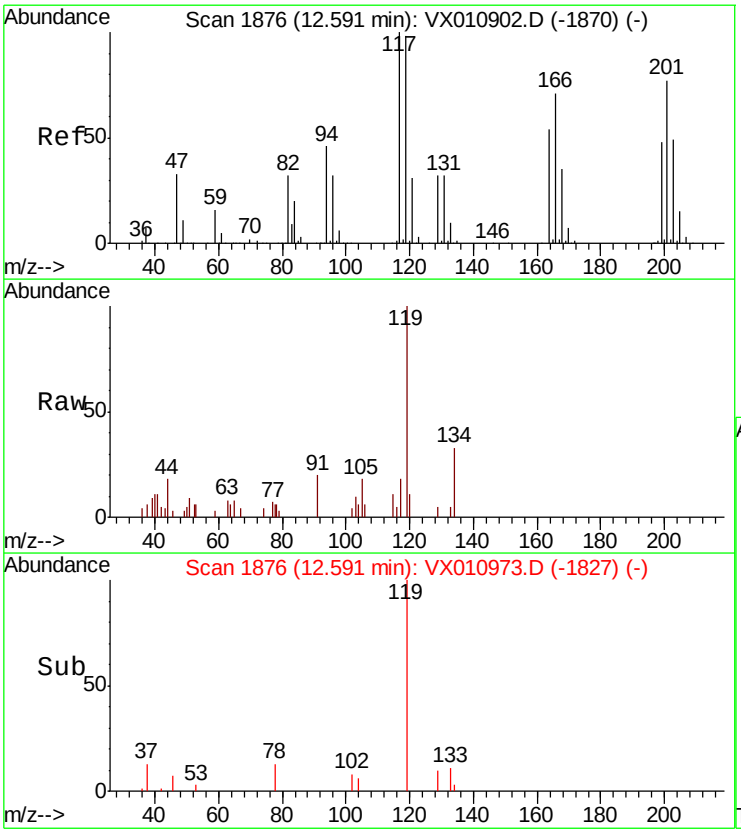
#86
p-Isopropyltoluene
Concen: 0.208 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 2148

Ion	Ratio	Lower	Upper
119	100		
134	29.1	13.4	40.1
91	23.6	11.8	35.4

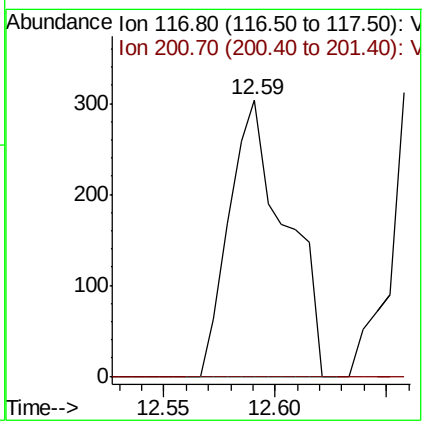


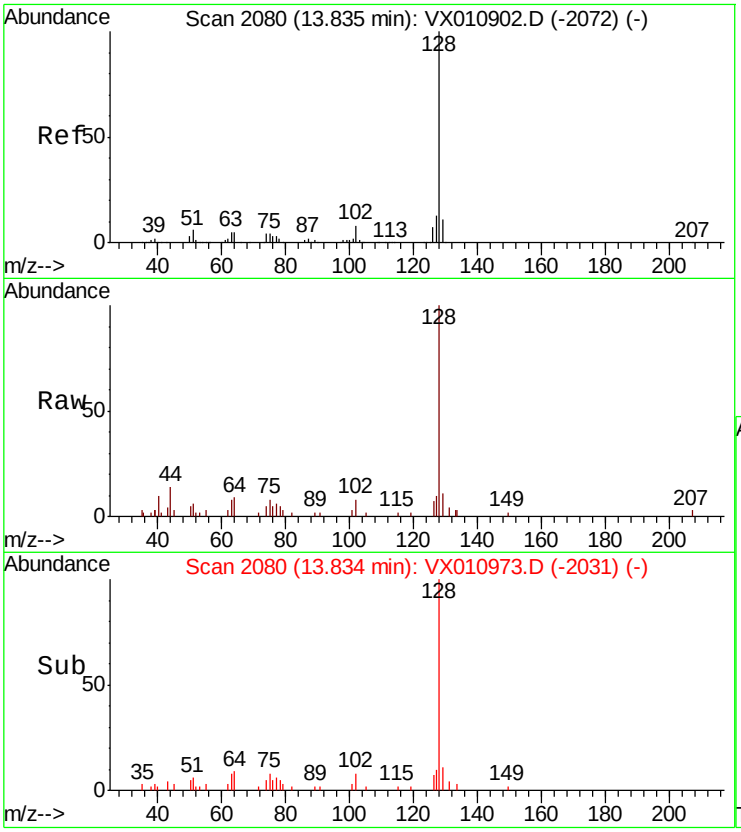


#90
Hexachloroethane
Concen: 0.328 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Tgt Ion:117 Resp: 534

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.3	129.8#





#95
Naphthalene
Concen: 0.406 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010973.D
Acq: 18 Jul 2019 20:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 4469

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	12.8	8.9	13.3