Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
Data File : VX010953.D
Acq On : 18 Jul 2019 13:02
Operator : JC/SP
Sample : K3627-03
Misc : 3.54g/5mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TR-04-071519

Quant Time: Jul 18 13:53:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 12:41:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	206319	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	326066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108580	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.94%			
35) Dibromofluoromethane	5.51	113	92736	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.62%			
50) Toluene-d8	8.71	98	385738	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.38%			
62) 4-Bromofluorobenzene	11.14	95	133679	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	60	0.573	ug/l #	42
3) Chloromethane	1.32	50	582	0.307	ug/l #	55
5) Bromomethane	1.64	94	1006	0.922	ug/l #	72
10) Methyl Iodide	2.47	142	1244	0.507	ug/l	93
11) Tert butyl alcohol	3.02	59	5135	10.045	ug/l #	79
13) Acrolein	2.31	56	282	0.955	ug/l #	14
16) Acetone	2.39	43	637	0.643	ug/l #	66
18) Methyl Acetate	2.81	43	5591	2.477	ug/l	99
20) Methylene Chloride	2.84	84	864	0.411	ug/l #	71
36) 1,1-Dichloropropene	5.65	75	14114	5.270	ug/l #	47
38) Carbon Tetrachloride	5.66	117	19638	7.036	ug/l #	15
49) 1,4-Dioxane	7.69	88	24	0.391	ug/l #	1
60) Dibromochloromethane	9.34	129	70	2.554	ug/l #	11
68) m/p-Xylenes	10.36	106	1167	0.298	ug/l	91
69) o-Xylene	10.70	106	1066	0.279	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	67287	24.474	ug/l #	34
78) n-propylbenzene	11.36	91	2459	0.222	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	5680	0.678	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	67287	62.621	ug/l #	16
83) tert-Butylbenzene	12.02	119	4030	0.490	ug/l	73
84) 1,2,4-Trimethylbenzene	11.81	105	17756	2.104	ug/l	98
85) sec-Butylbenzene	11.94	105	2895	0.300	ug/l #	76
86) p-Isopropyltoluene	12.07	119	2855	0.320	ug/l #	85
89) n-Butylbenzene	12.38	91	8864	1.163	ug/l #	45
90) Hexachloroethane	12.58	117	1233	0.878	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.65	180	652	0.202	ug/l #	1
95) Naphthalene	13.83	128	5606	0.589	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.02	180	874	0.273	ug/l #	1

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
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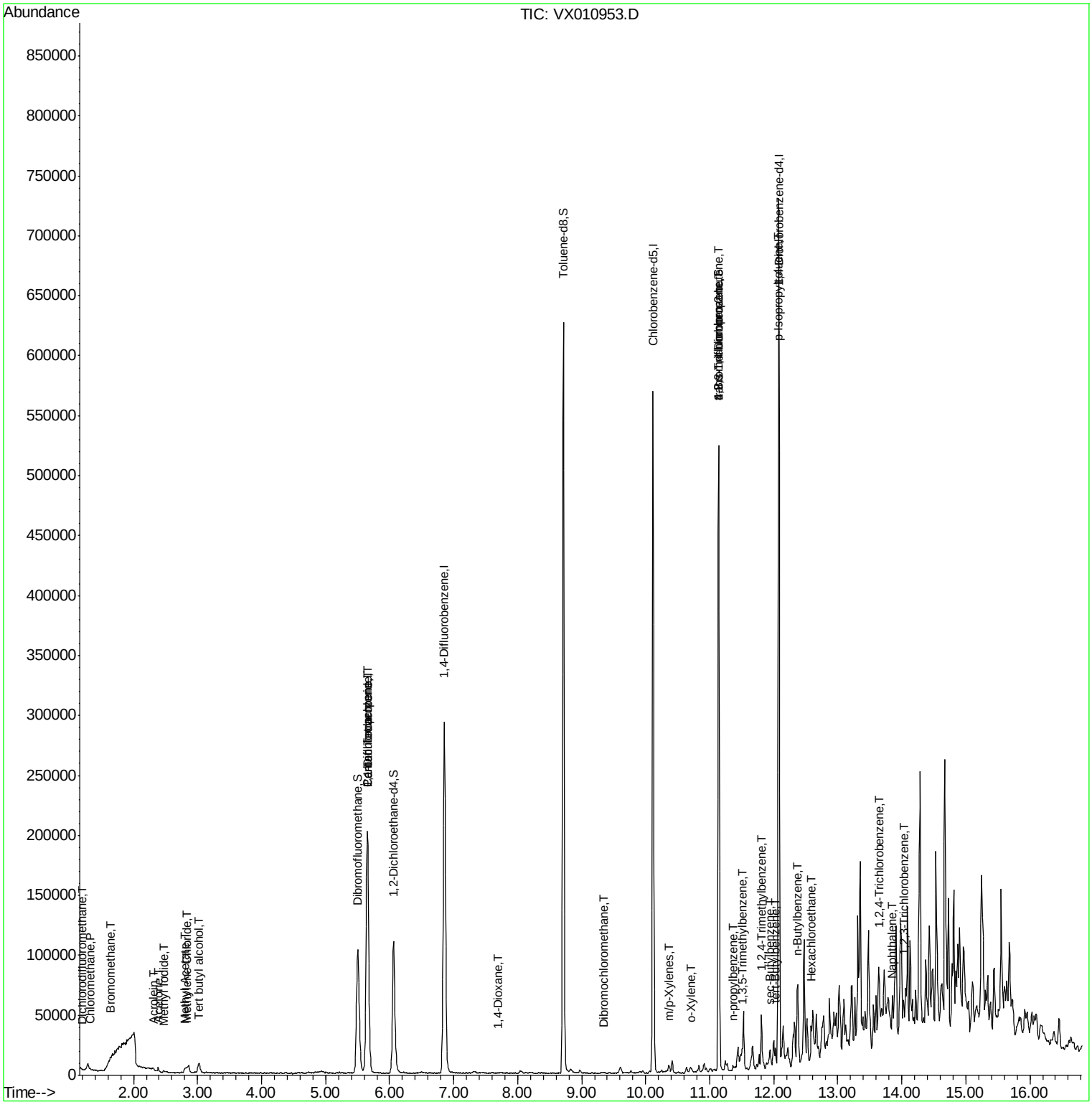
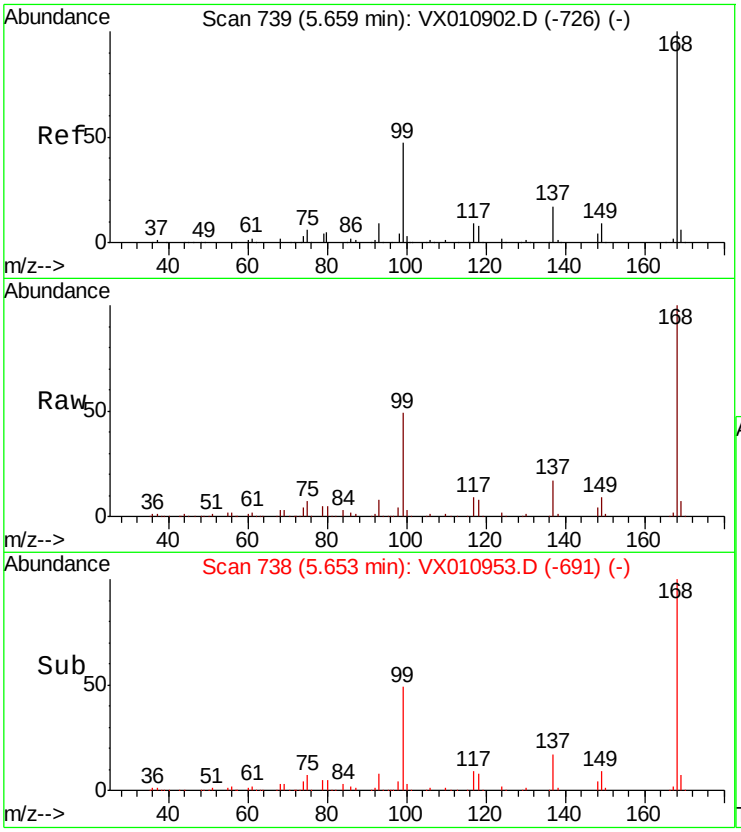
Operator : JC/SP
Sample : K3627-03
Misc : 3.54g/5mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Quant Time: Jul 18 13:53:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 12:41:18 2019
Response via : Initial Calibration



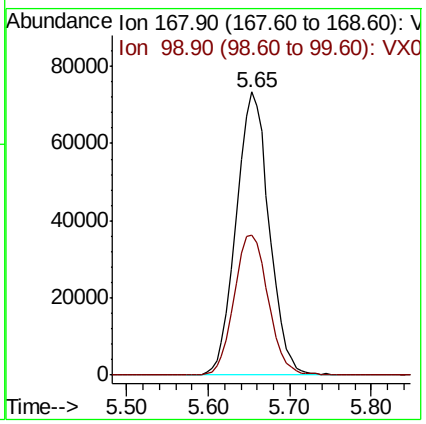


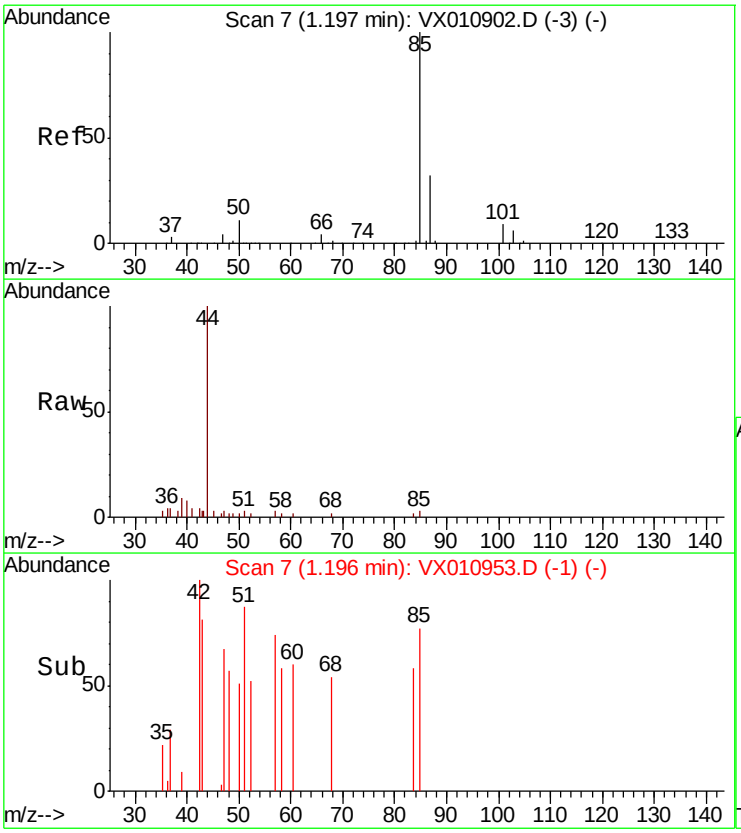
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion:168 Resp: 206319

Ion	Ratio	Lower	Upper
168	100		
99	49.4	35.5	53.3

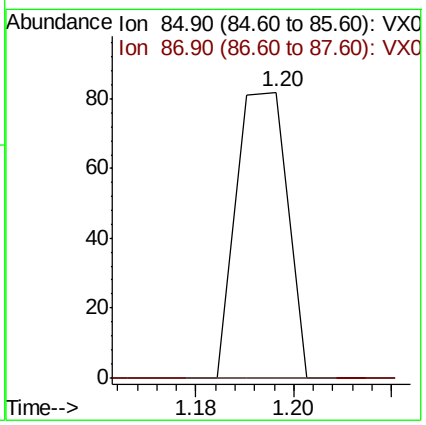


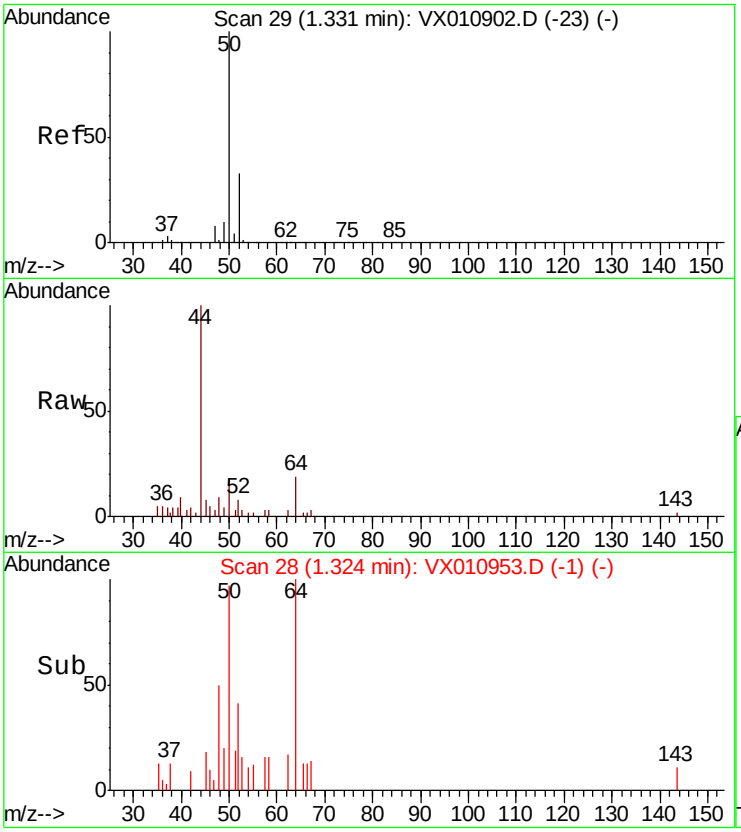


#2
Dichlorodifluoromethane
Concen: 0.573 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion: 85 Resp: 60

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.3	48.8#



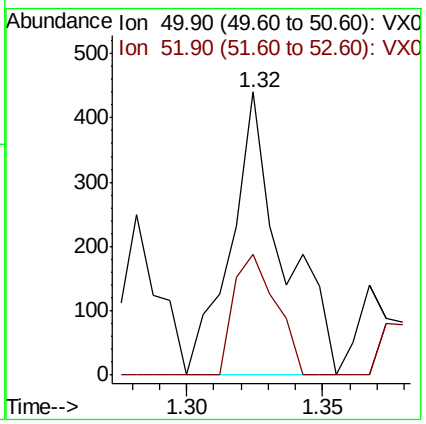


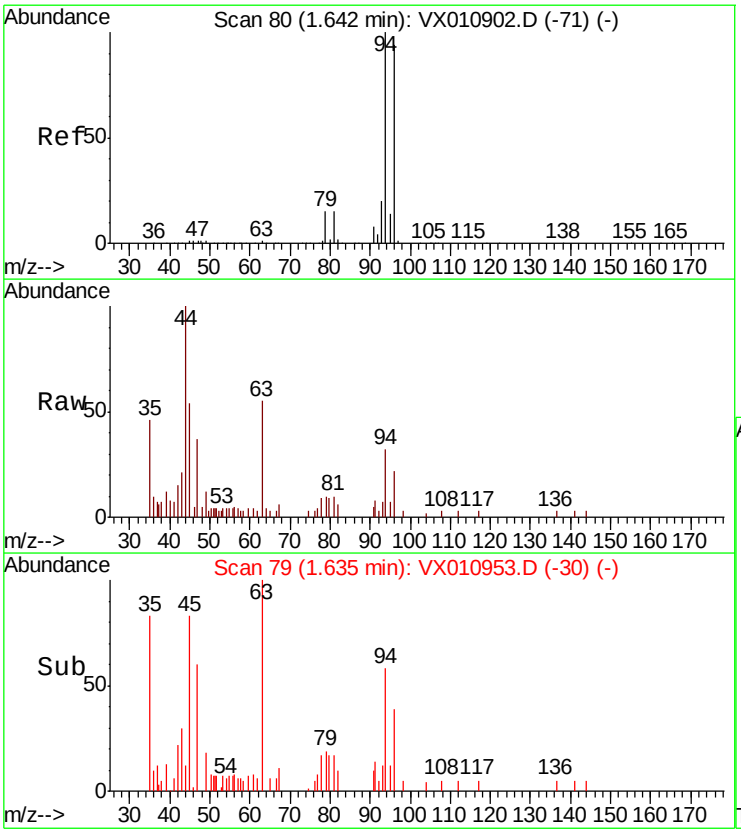
#3
Chloromethane
Concen: 0.307 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion: 50 Resp: 582

Ion	Ratio	Lower	Upper
50	100		
52	58.6	26.5	39.7#

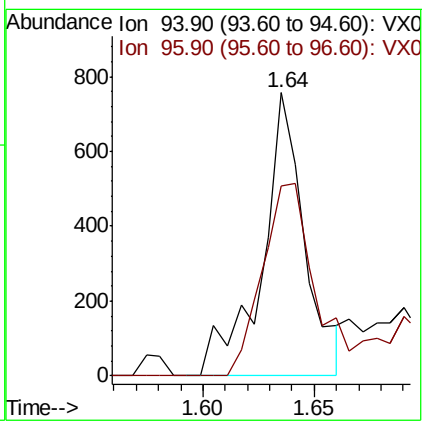


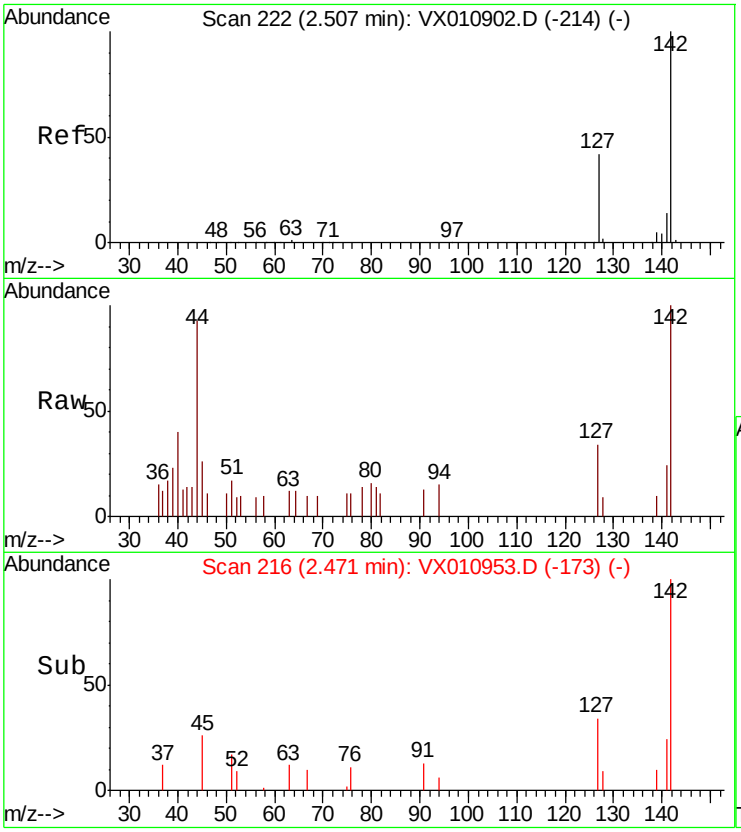


#5
Bromomethane
Concen: 0.922 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion: 94 Resp: 1006

Ion	Ratio	Lower	Upper
94	100		
96	66.8	75.5	113.3#



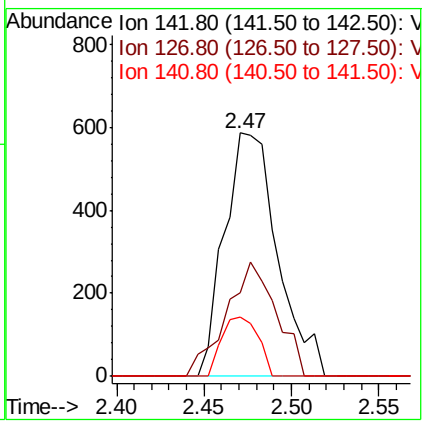


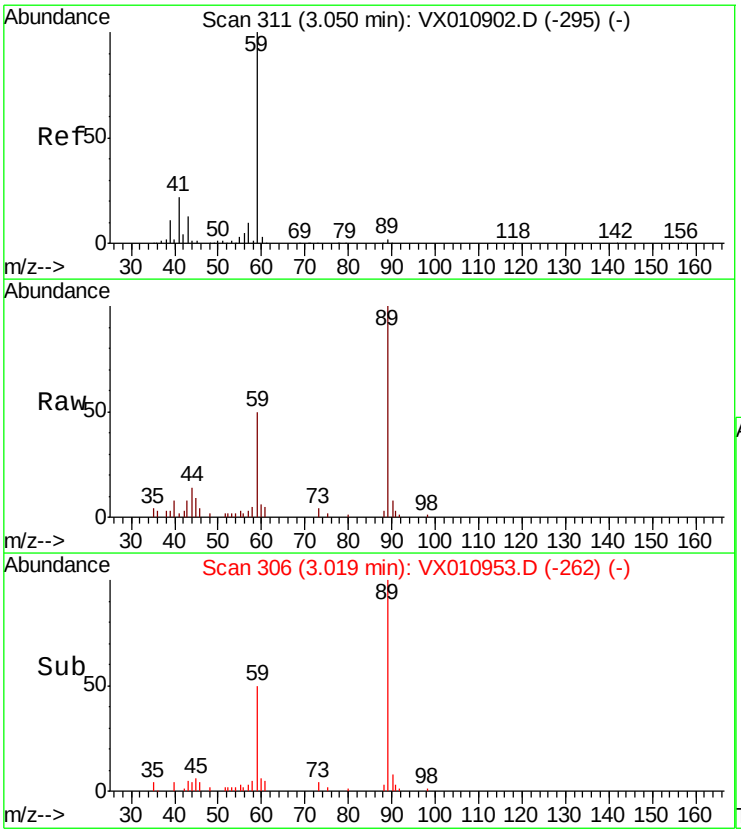
#10
Methyl Iodide
Concen: 0.507 ug/l
RT: 2.47 min Scan# 216
Delta R.T. -0.04 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument : MSVOA_X
ClientSampleId : TR-04-071519

Tgt Ion:142 Resp: 1244

Ion	Ratio	Lower	Upper
142	100		
127	43.8	31.1	46.7
141	16.4	11.2	16.8

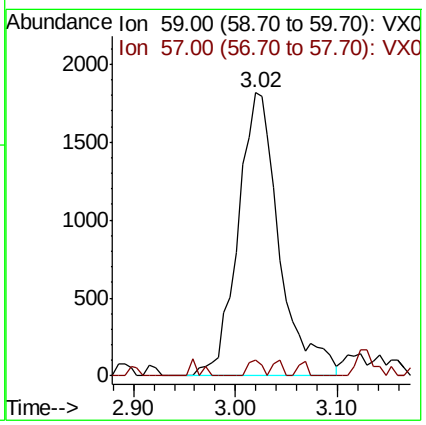


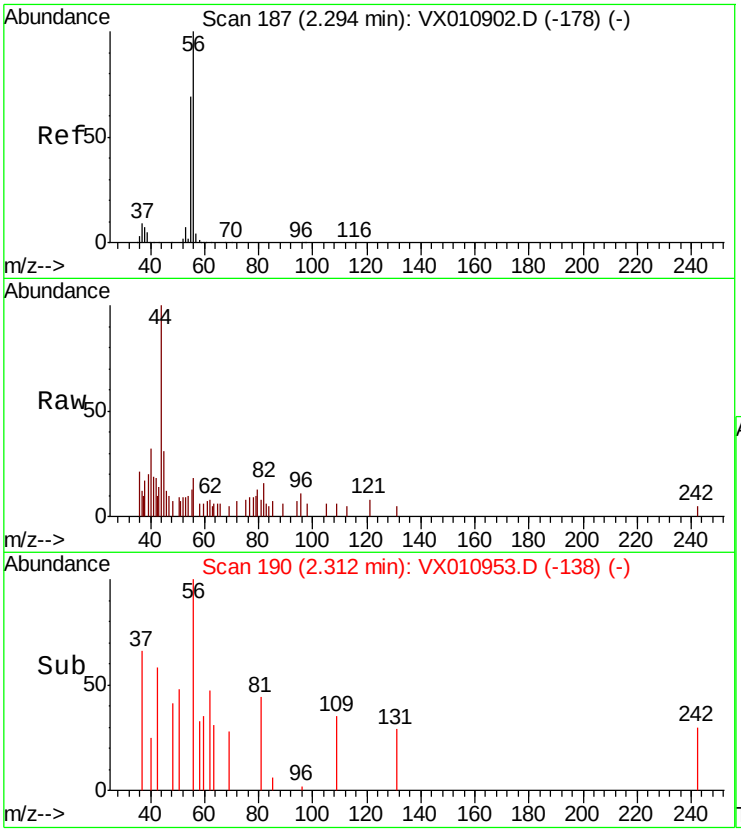


#11
Tert butyl alcohol
Concen: 10.045 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion: 59 Resp: 5135

Ion	Ratio	Lower	Upper
59	100		
57	1.9	7.7	11.5#



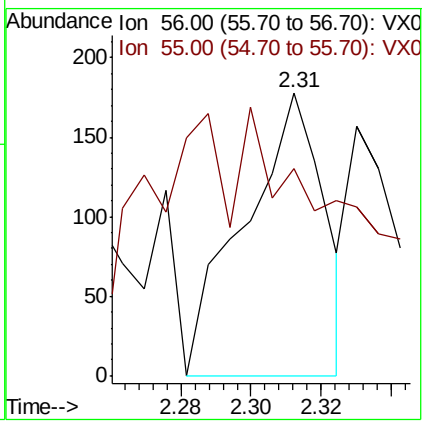


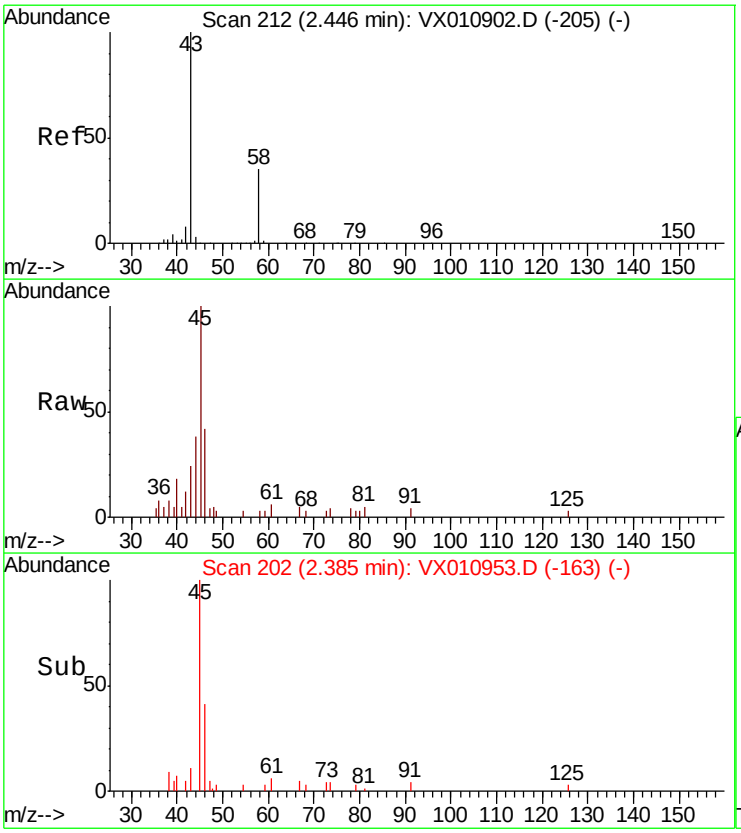
#13
Acrolein
Concen: 0.955 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument : MSVOA_X
ClientSampleId : TR-04-071519

Tgt Ion: 56 Resp: 282

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.9	85.3#

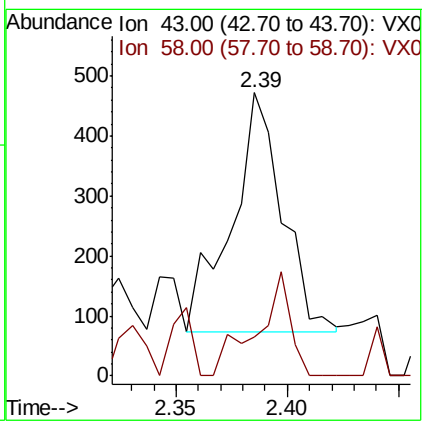


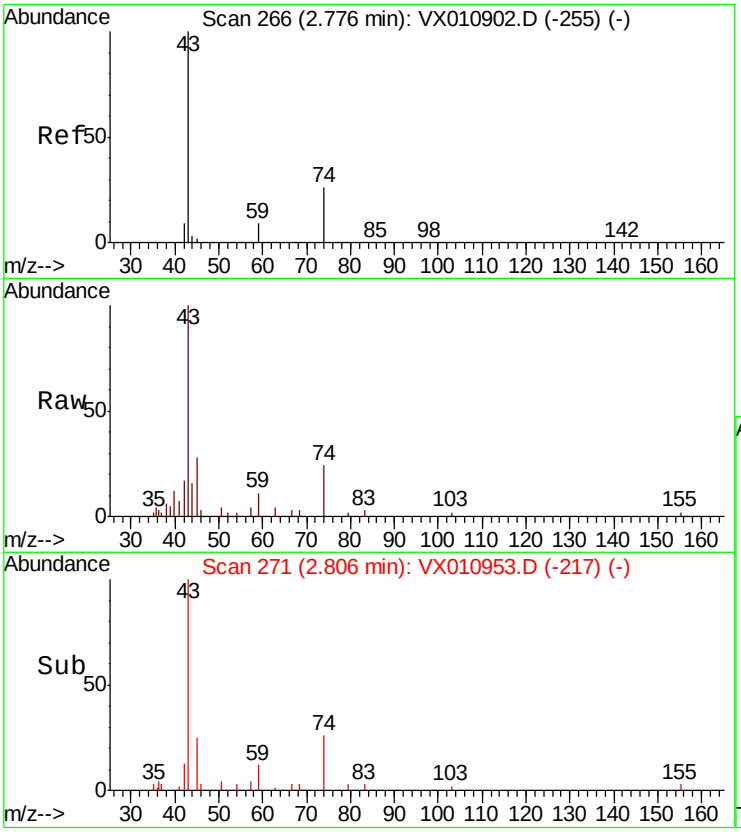


#16
Acetone
Concen: 0.643 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.06 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion: 43 Resp: 637

Ion	Ratio	Lower	Upper
43	100		
58	16.0	28.9	43.3#



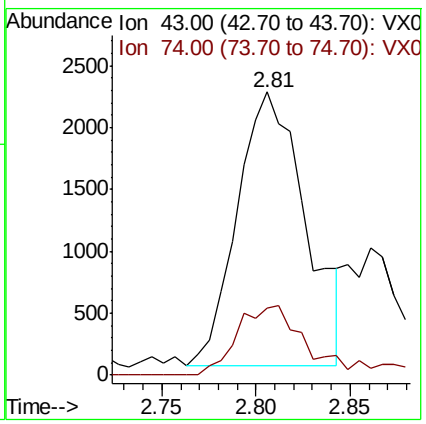


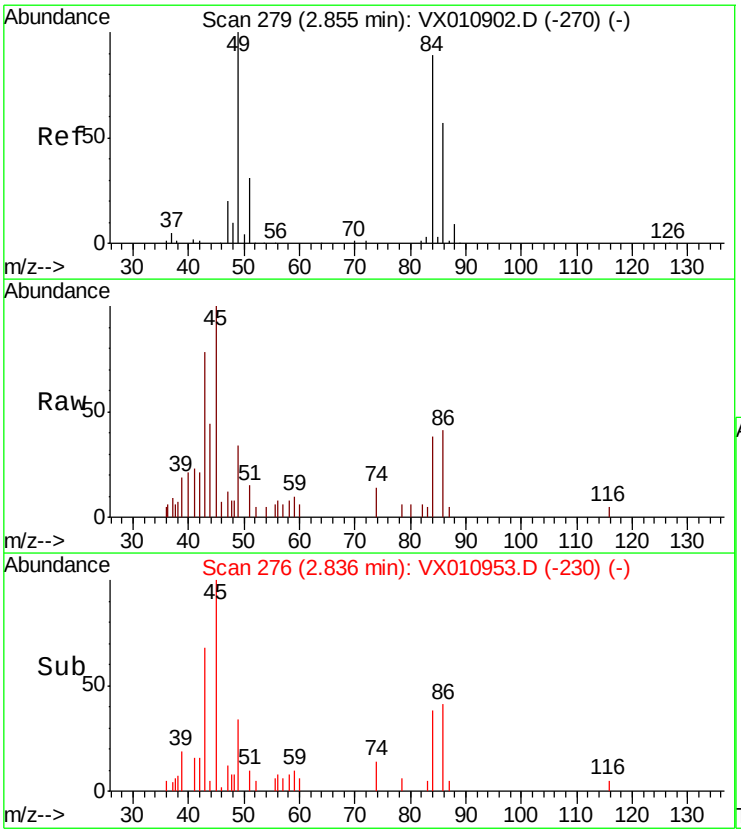
#18
Methyl Acetate
Concen: 2.477 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.03 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion: 43 Resp: 5591

Ion	Ratio	Lower	Upper
43	100		
74	25.9	21.3	31.9

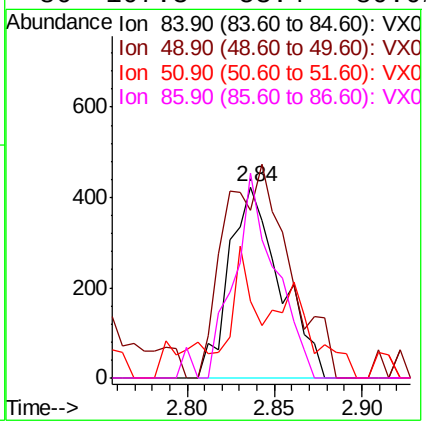


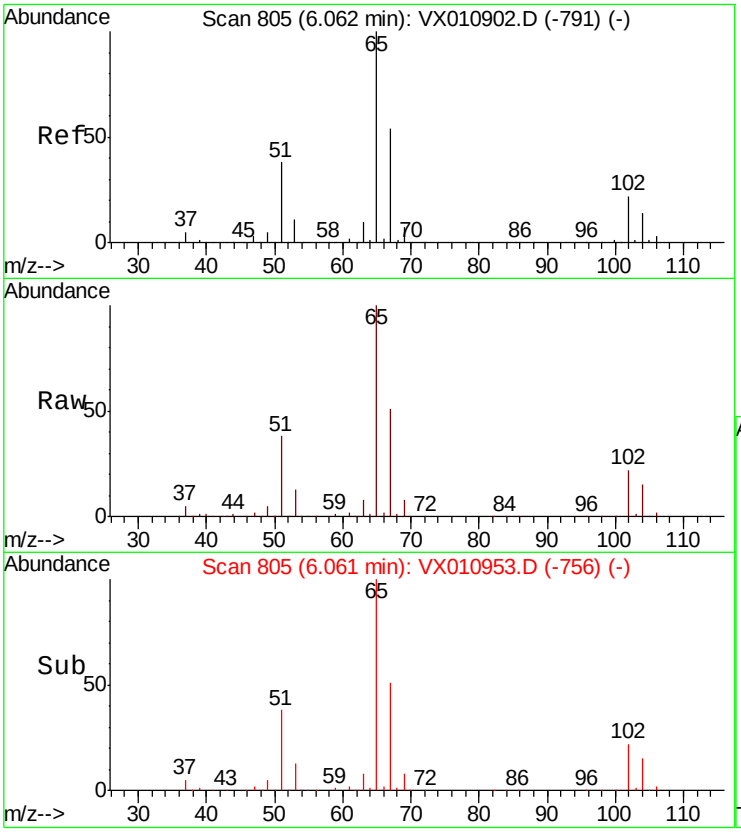


#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion: 84 Resp: 864

Ion	Ratio	Lower	Upper
84	100		
49	87.9	87.5	131.3
51	26.5	27.7	41.5#
86	107.3	53.4	80.0#



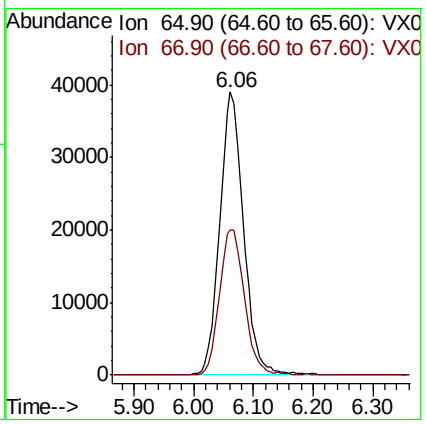


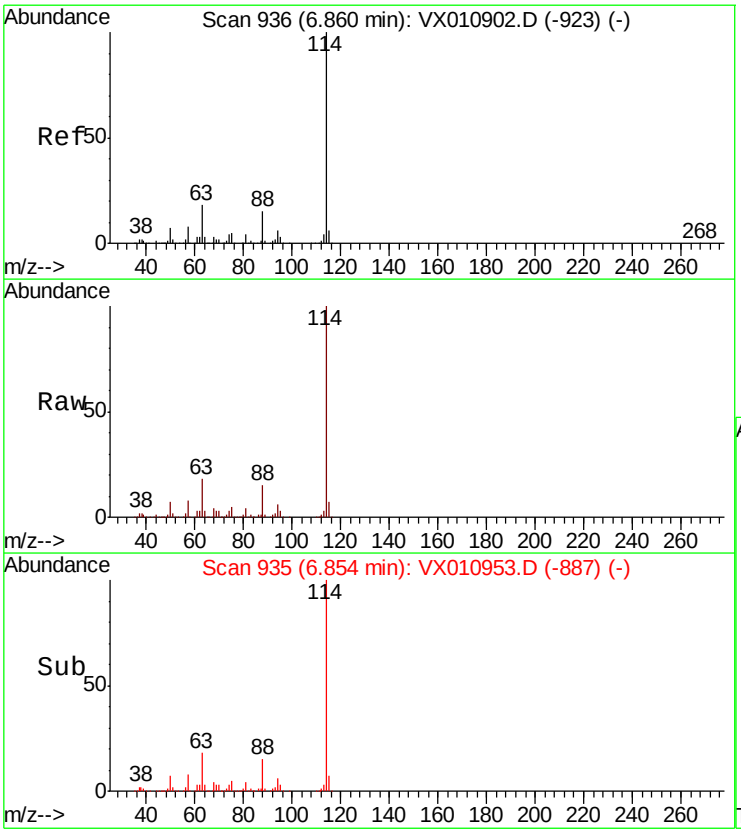
#33
1,2-Dichloroethane-d4
Concen: 49.469 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion: 65 Resp: 108580

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	110.2

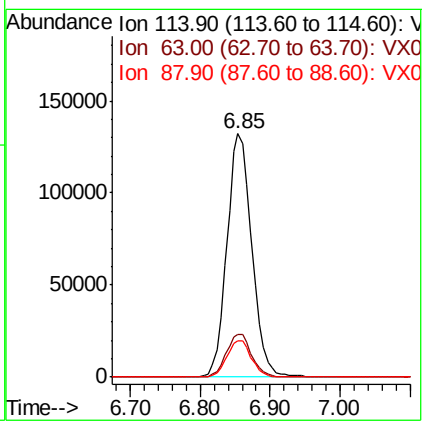


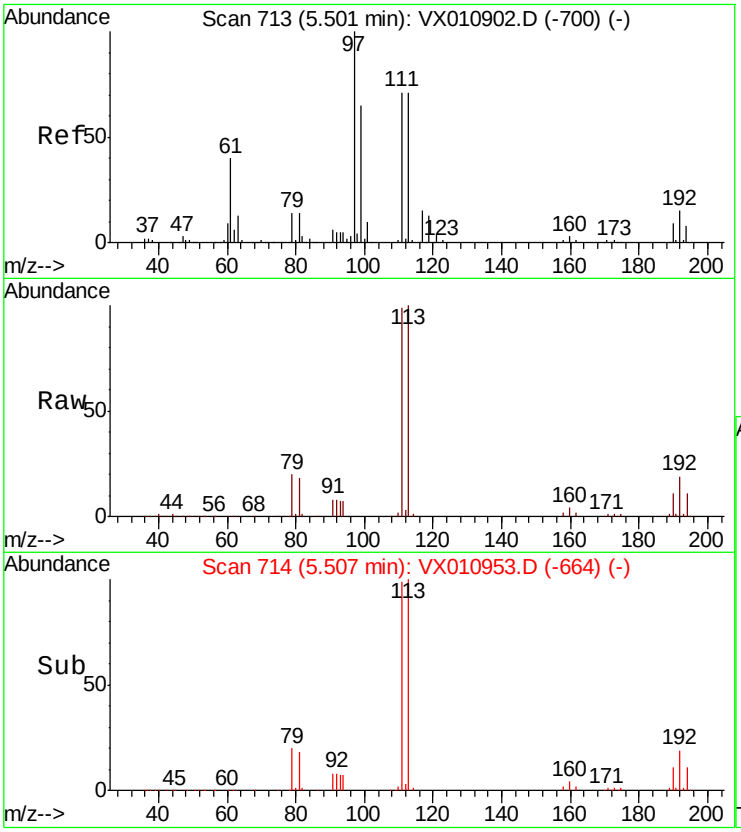


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion:114 Resp: 326066

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	33.8
88	14.8	0.0	27.6



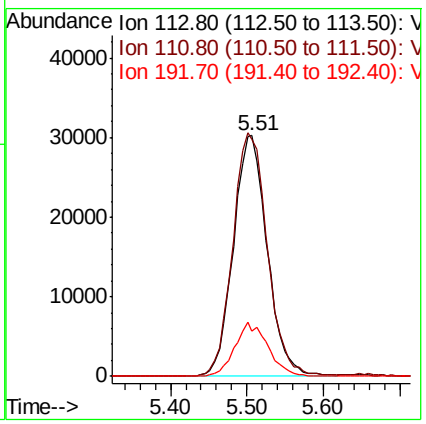


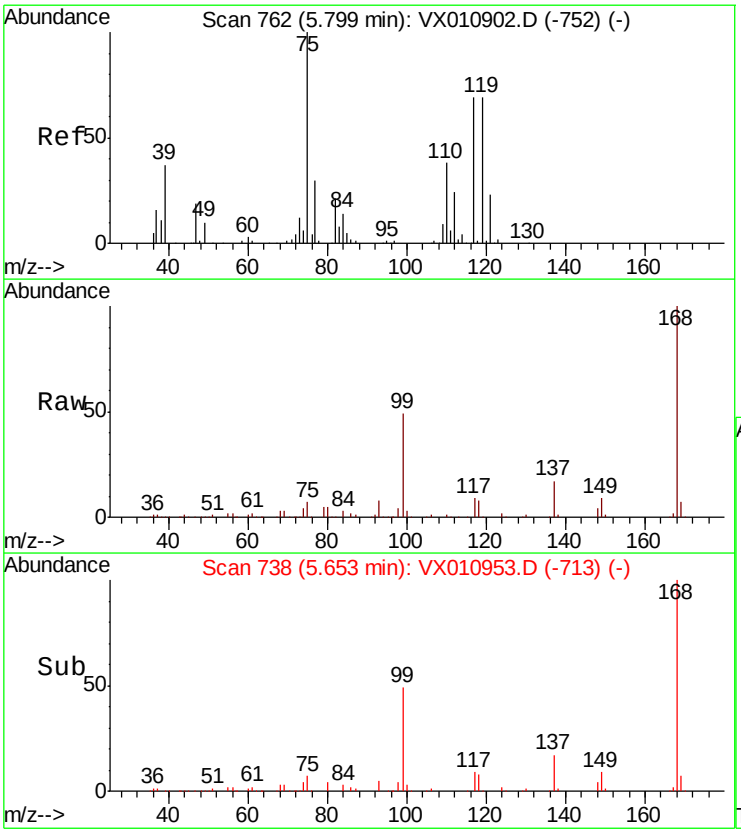
#35
Dibromofluoromethane
Concen: 44.808 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion:113 Resp: 92736

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.2	121.8
192	21.9	18.6	27.8

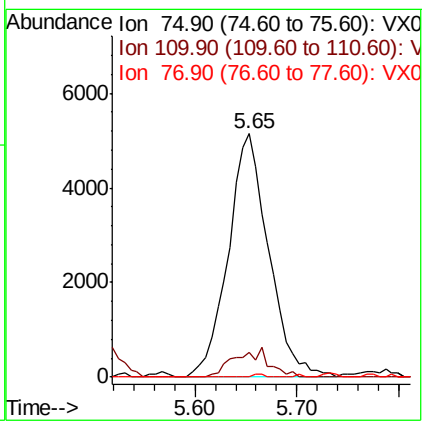


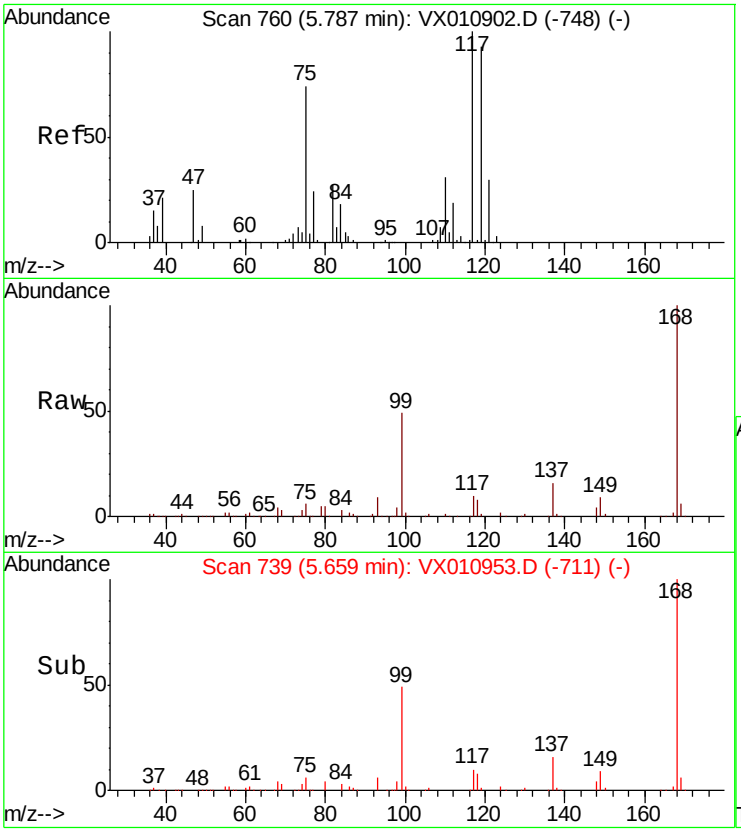


#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion: 75 Resp: 14114

Ion	Ratio	Lower	Upper
75	100		
110	10.3	20.8	62.2#
77	0.3	25.4	38.0#



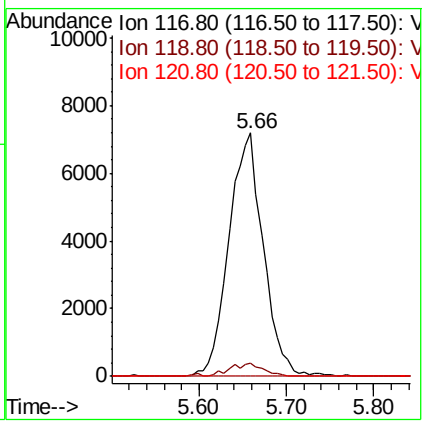


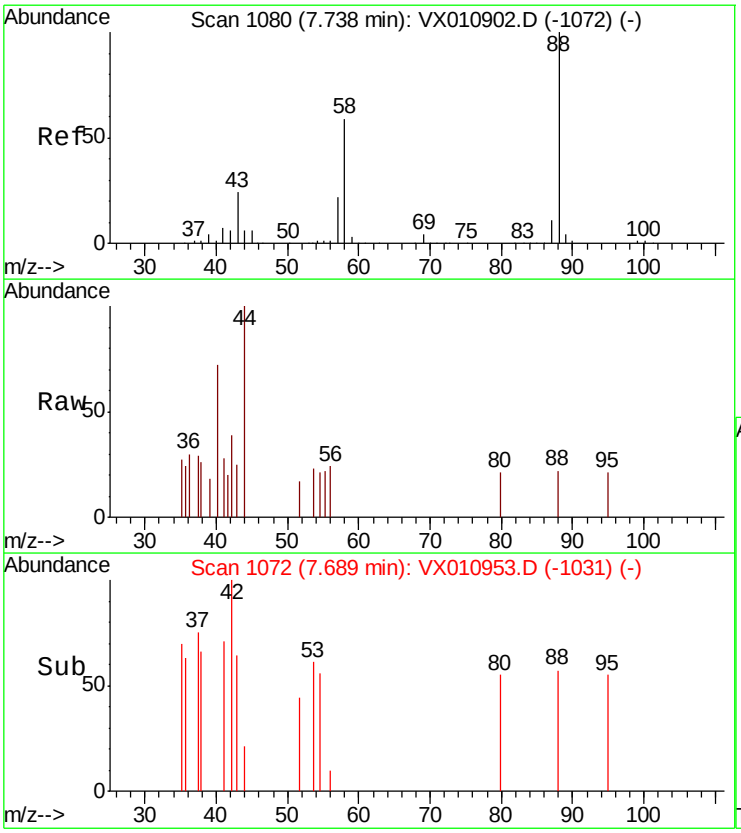
#38
Carbon Tetrachloride
Concen: 7.036 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion:117 Resp: 19638

Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.2	117.4#
121	0.0	24.7	37.1#

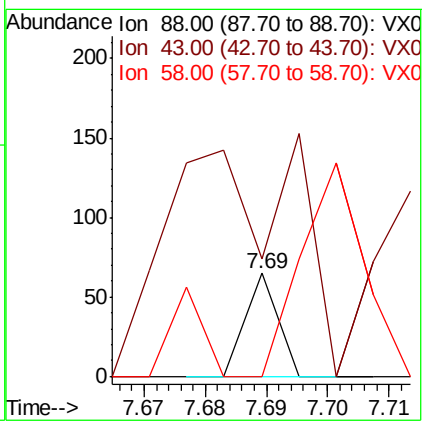


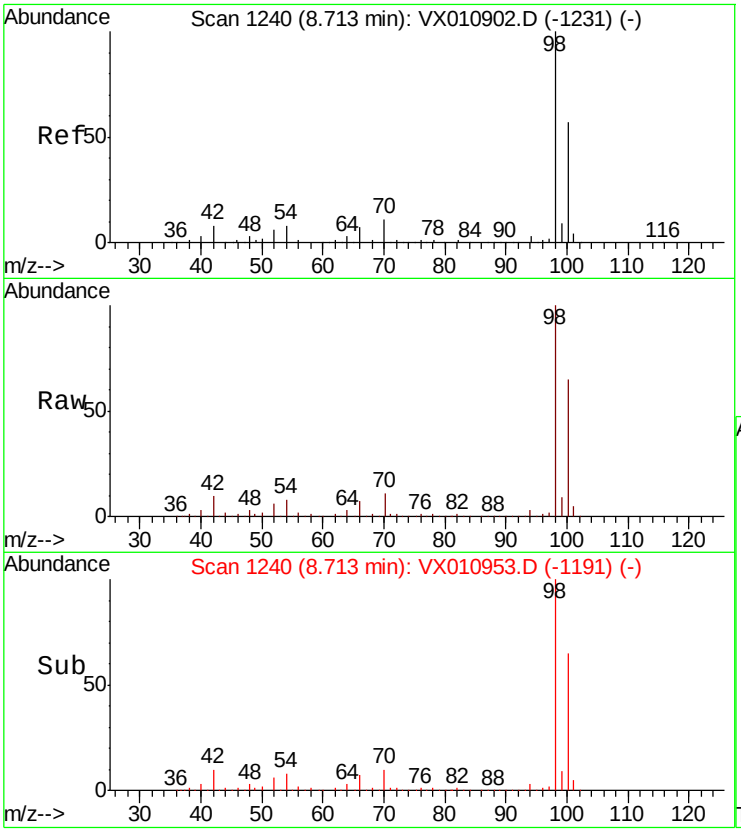


#49
1,4-Dioxane
Concen: 0.391 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.05 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion: 88 Resp: 24

Ion	Ratio	Lower	Upper
88	100		
43	866.7	20.2	30.2#
58	395.8	49.5	74.3#



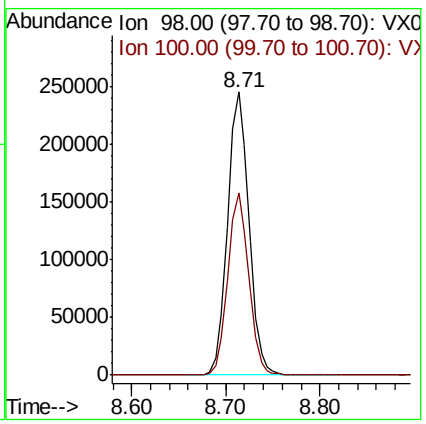


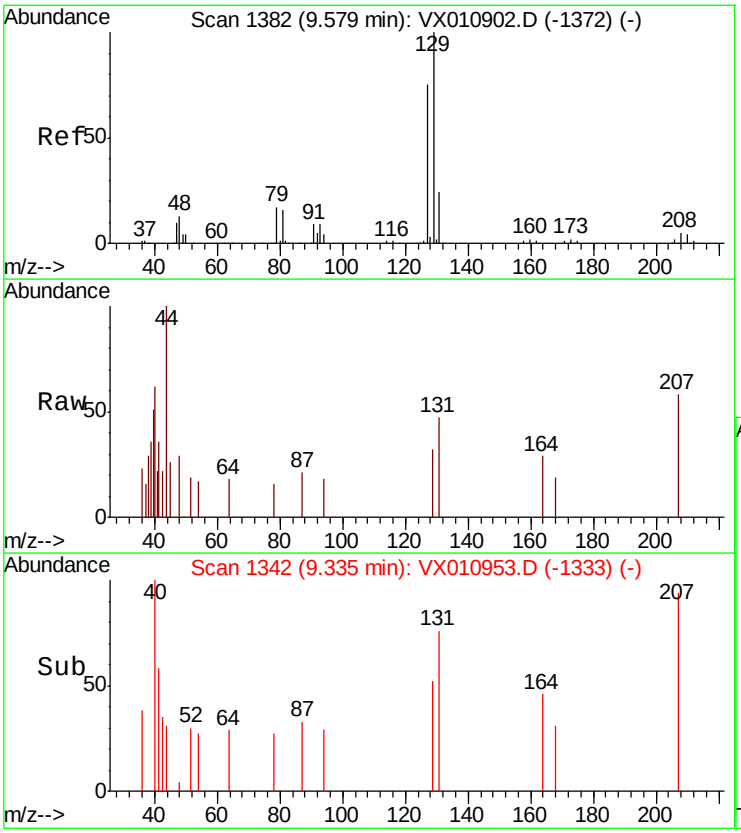
#50
Toluene-d8
Concen: 49.693 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion: 98 Resp: 385738

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.6	77.4

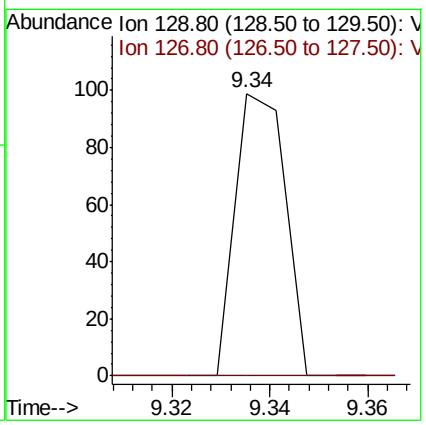


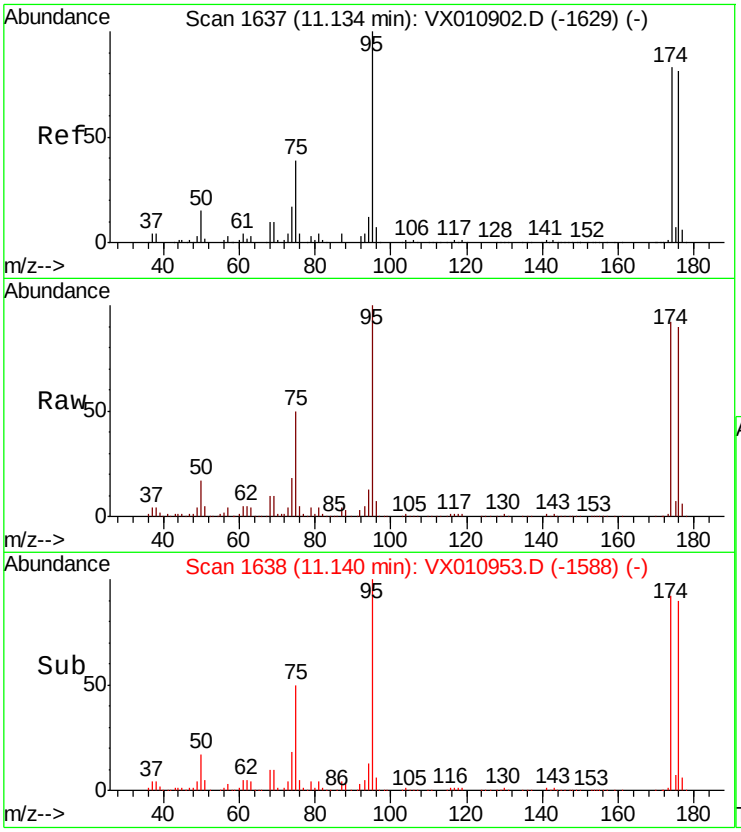


#60
Dibromochloromethane
Concen: 2.554 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion:129 Resp: 70

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.1#



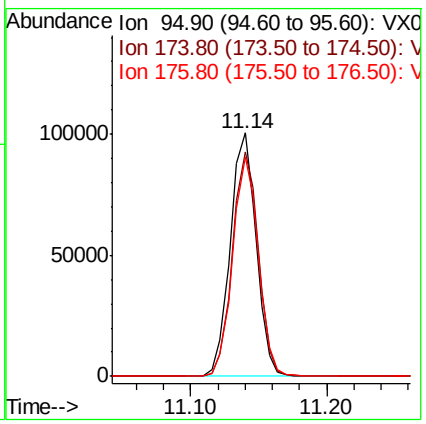


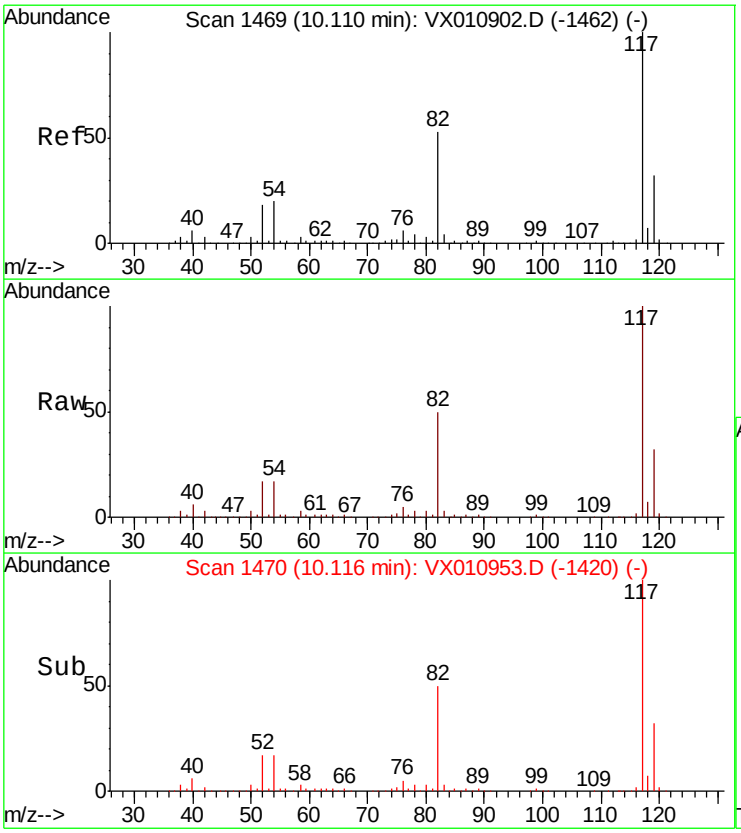
#62
4-Bromofluorobenzene
Concen: 46.852 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion: 95 Resp: 133679

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	187.6
176	89.2	0.0	184.0

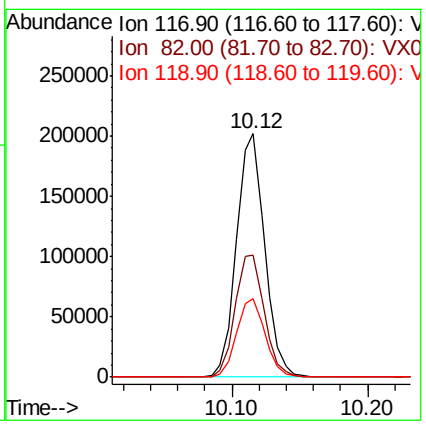


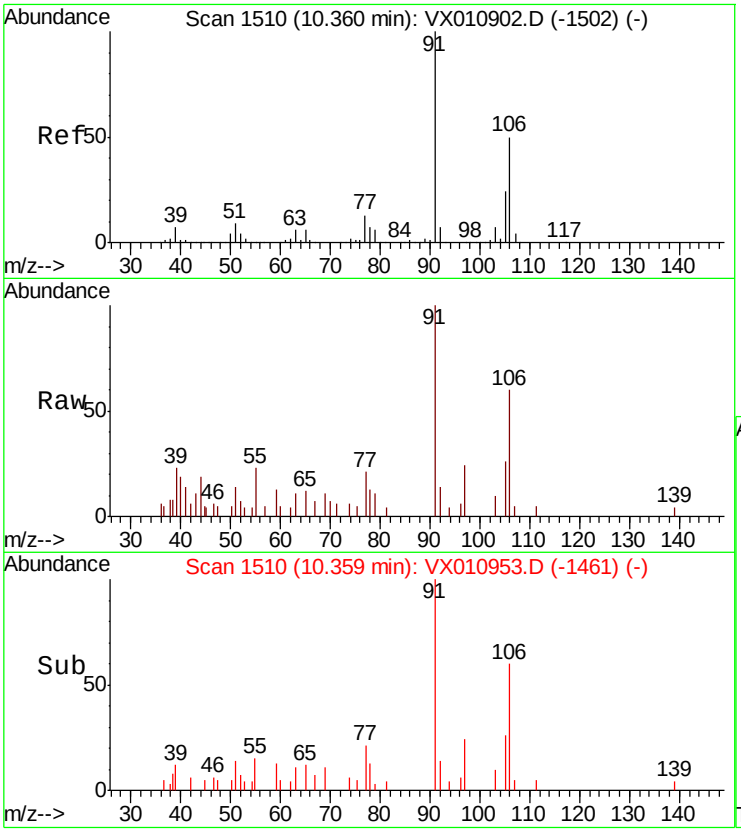


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion:117 Resp: 291773

Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.2	61.8
119	32.3	25.5	38.3



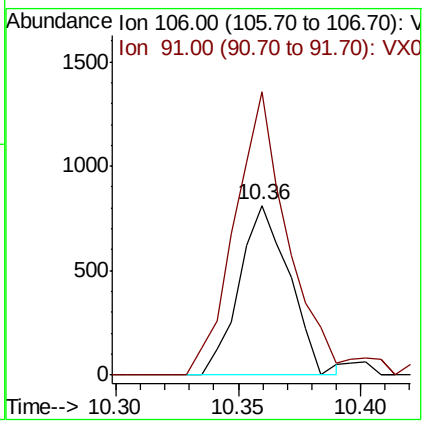


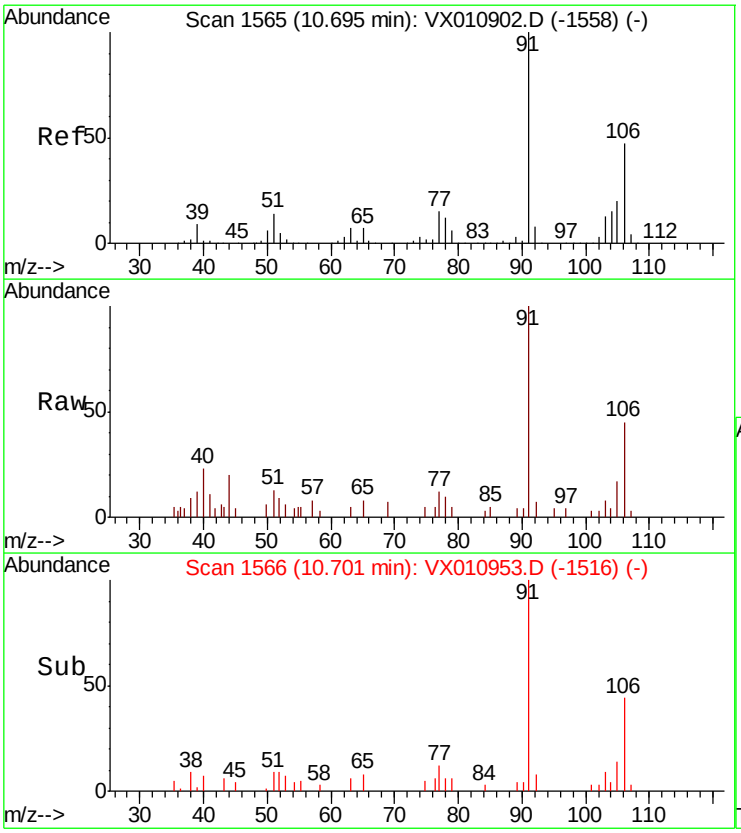
#68
m/p-Xylenes
Concen: 0.298 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion:106 Resp: 1167

Ion	Ratio	Lower	Upper
106	100		
91	181.1	155.3	232.9

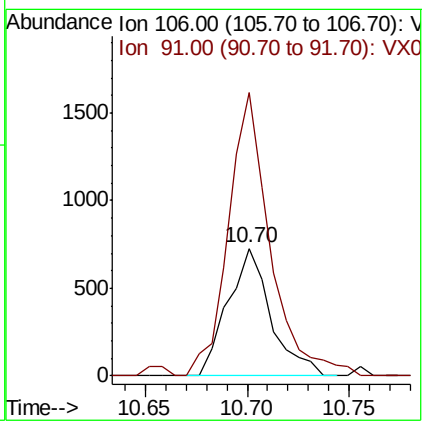


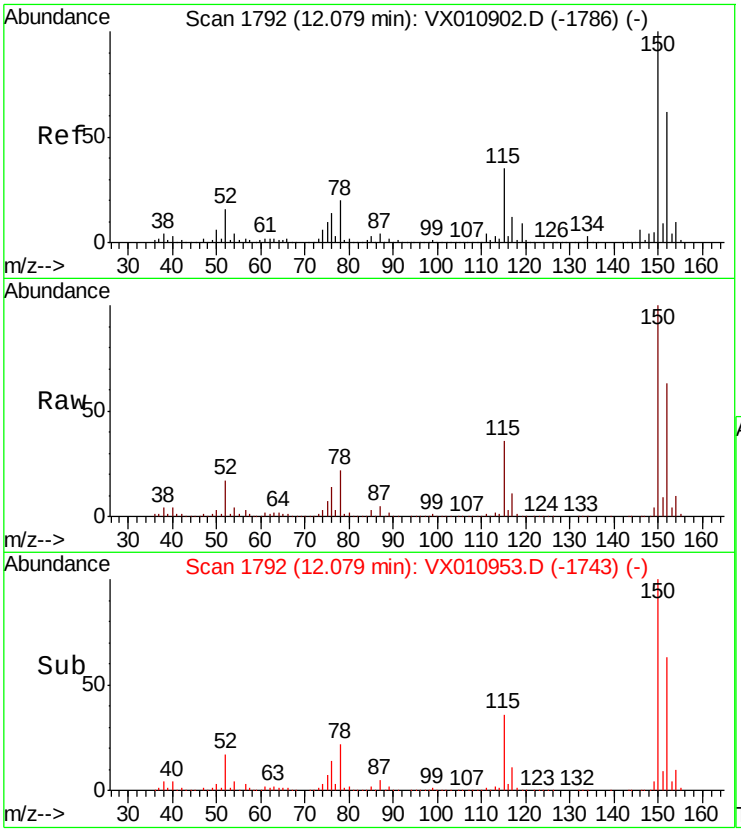


#69
o-Xylene
Concen: 0.279 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion:106 Resp: 1066

Ion	Ratio	Lower	Upper
106	100		
91	214.6	102.7	308.1



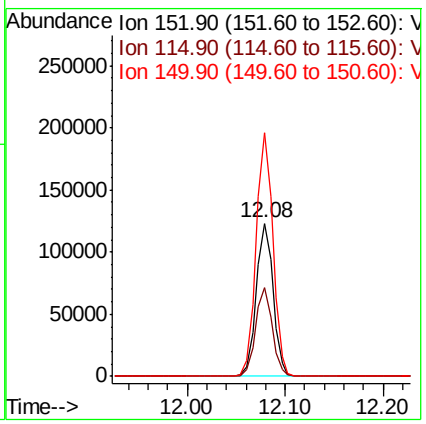


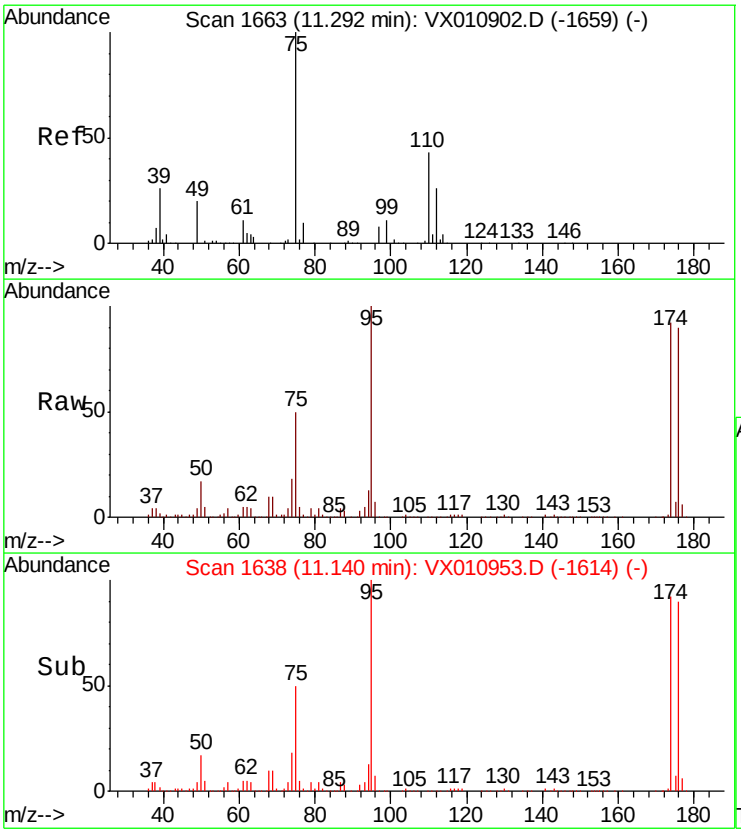
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion:152 Resp: 148275

Ion	Ratio	Lower	Upper
152	100		
115	56.6	38.6	115.7
150	158.2	0.0	347.4

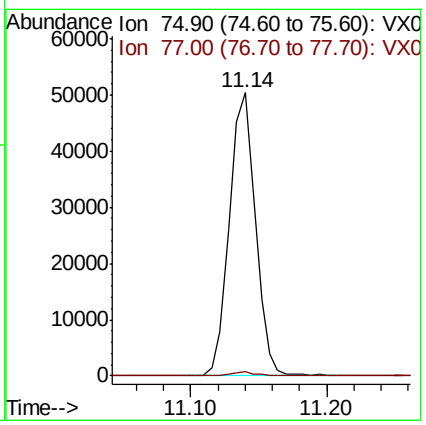


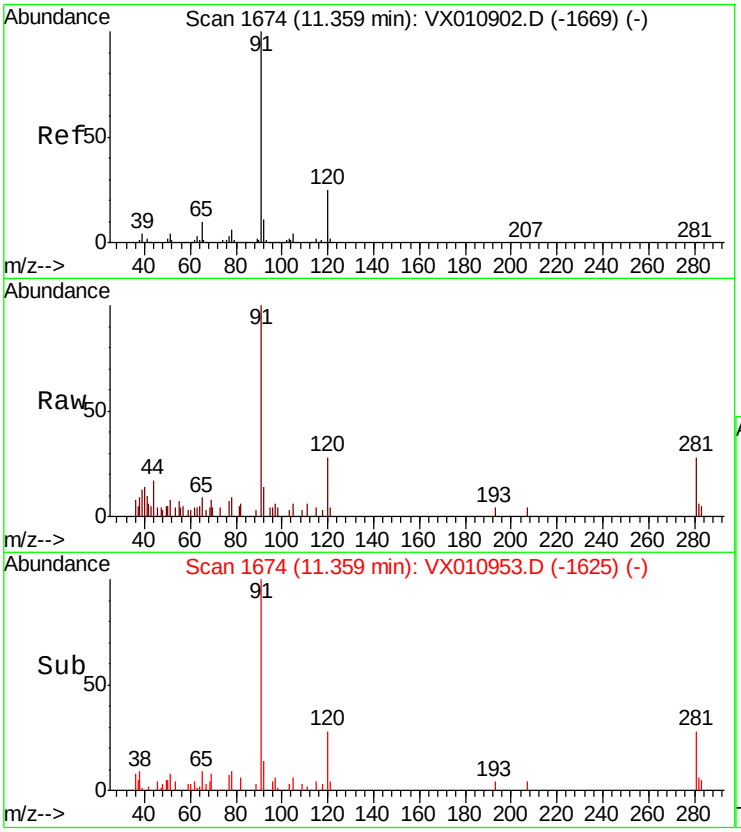


#76
1,2,3-Trichloropropane
Concen: 24.474 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.15 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion: 75 Resp: 67287

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.6	67.8#



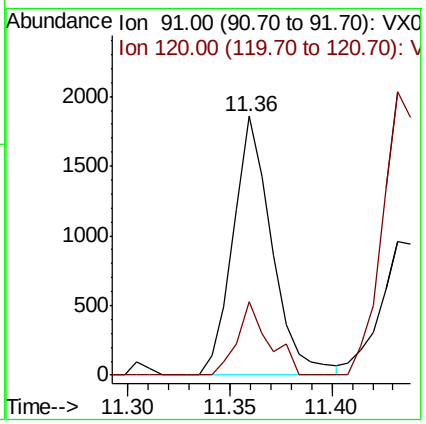


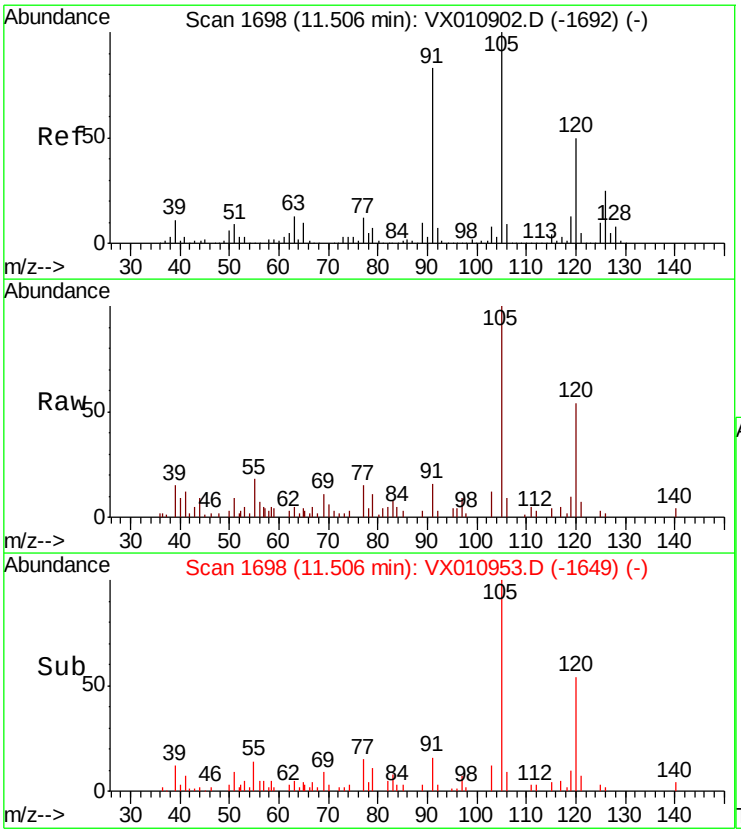
#78
n-propylbenzene
Concen: 0.222 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion: 91 Resp: 2459

Ion	Ratio	Lower	Upper
91	100		
120	23.0	12.4	37.4

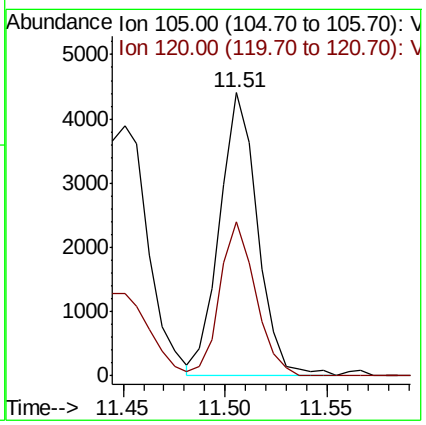


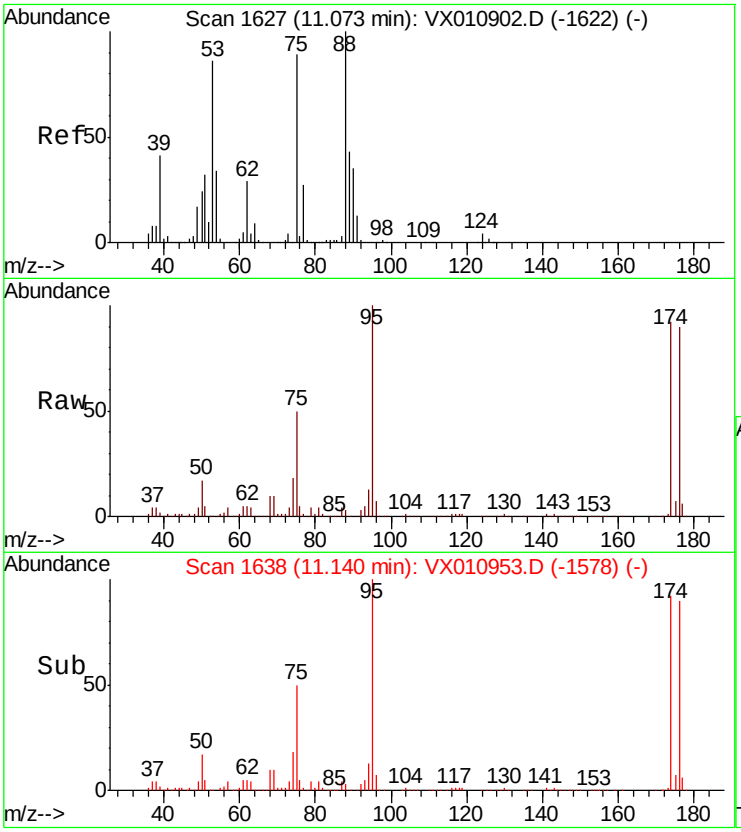


#80
1,3,5-Trimethylbenzene
Concen: 0.678 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion:105 Resp: 5680

Ion	Ratio	Lower	Upper
105	100		
120	51.2	25.2	75.6



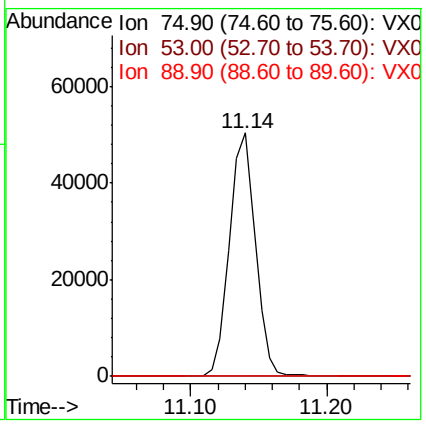


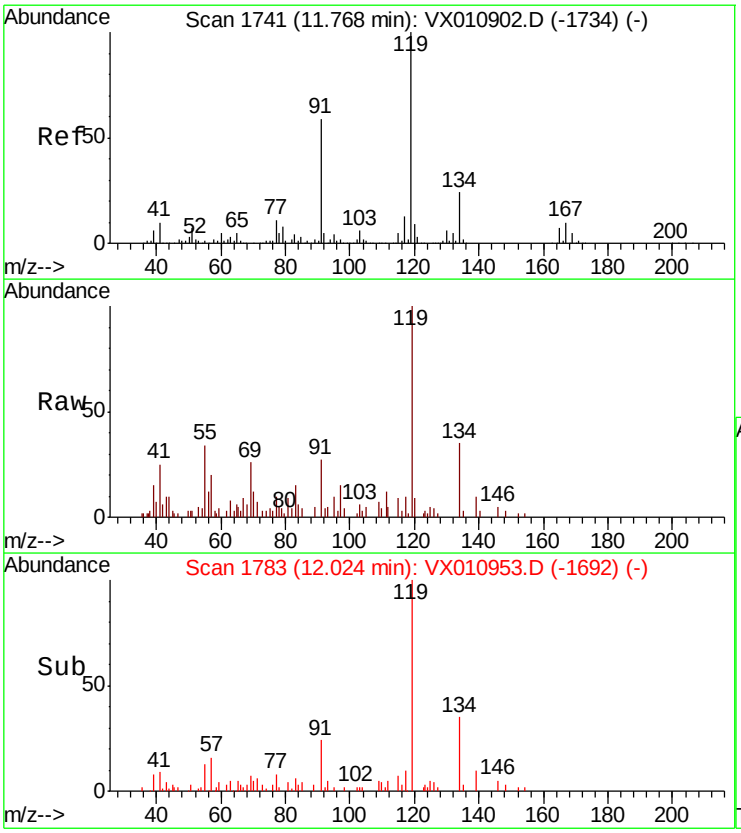
#81
trans-1,4-Dichloro-2-butene
Concen: 62.621 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion: 75 Resp: 67287

Ion	Ratio	Lower	Upper
75	100		
53	0.5	66.1	99.1#
89	0.0	37.8	56.6#

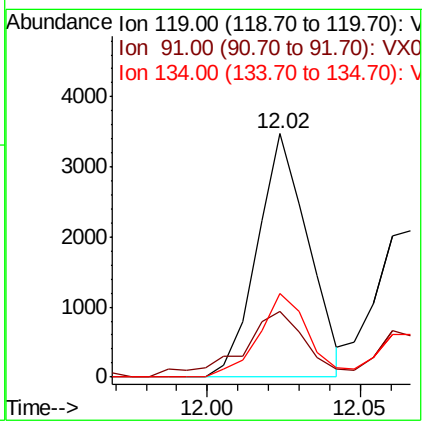


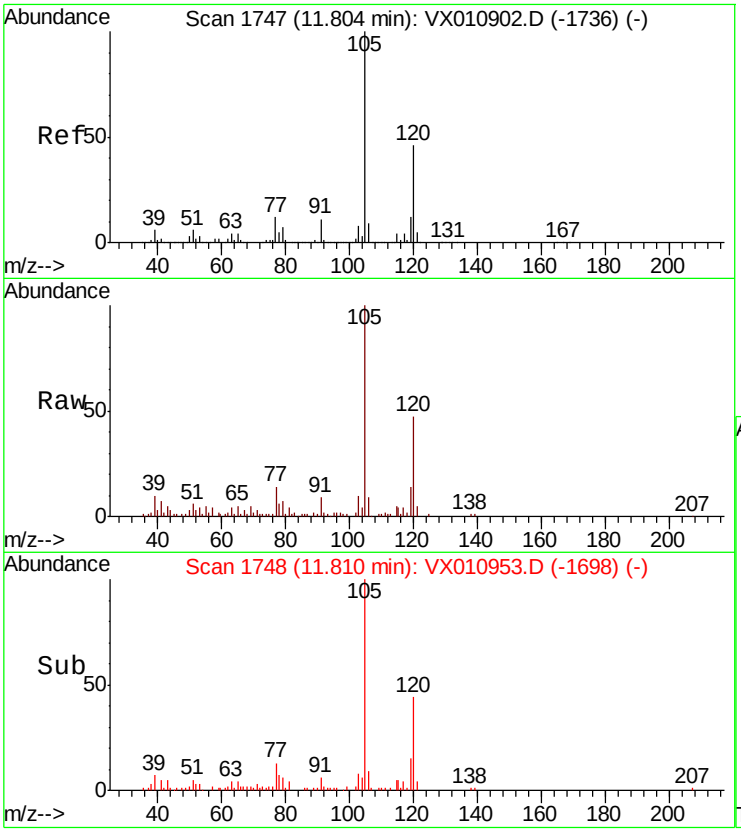


#83
tert-Butylbenzene
Concen: 0.490 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.26 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion:119 Resp: 4030

Ion	Ratio	Lower	Upper
119	100		
91	33.7	27.6	82.7
134	33.2	11.8	35.4



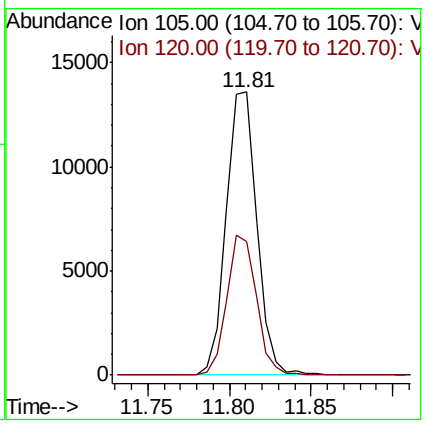


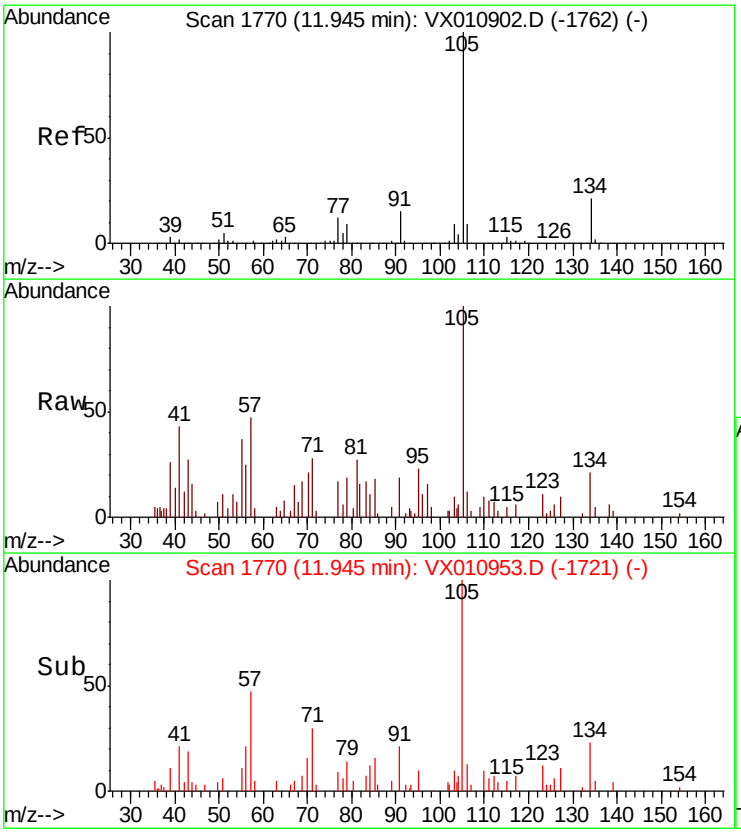
#84
1,2,4-Trimethylbenzene
Concen: 2.104 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion:105 Resp: 17756

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.1	69.2

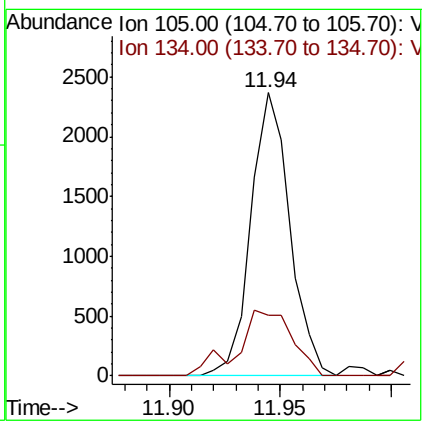


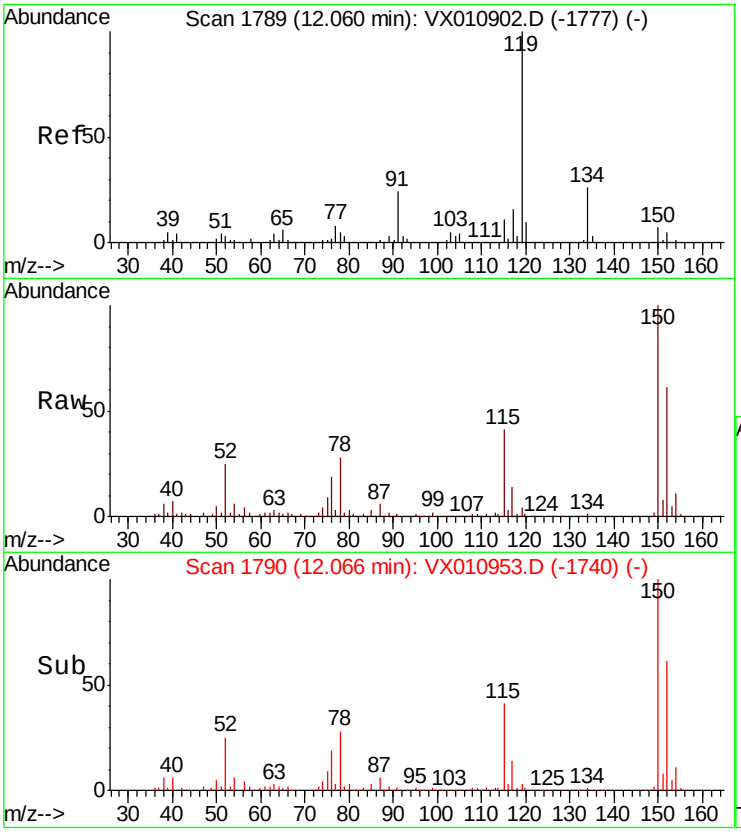


#85
sec-Butylbenzene
Concen: 0.300 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion:105 Resp: 2895

Ion	Ratio	Lower	Upper
105	100		
134	32.4	10.7	31.9#



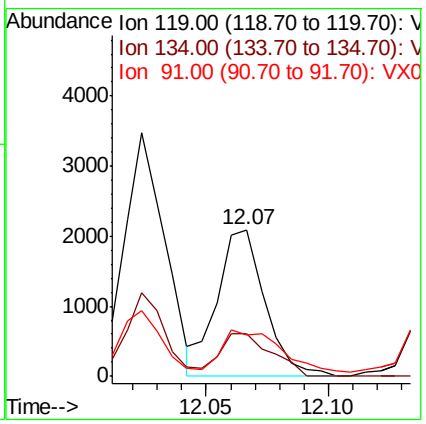


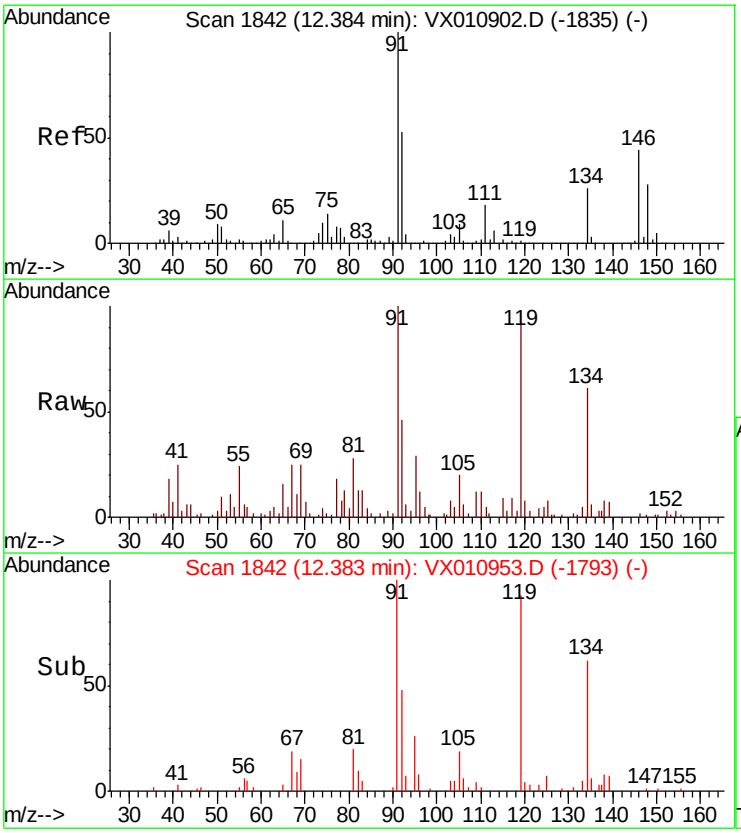
#86
p-Isopropyltoluene
Concen: 0.320 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion:119 Resp: 2855

Ion	Ratio	Lower	Upper
119	100		
134	31.0	13.7	41.1
91	34.9	11.3	33.8#

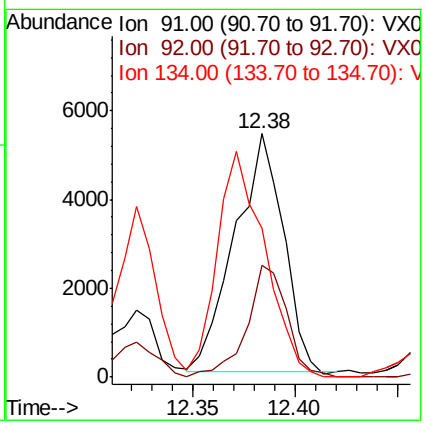


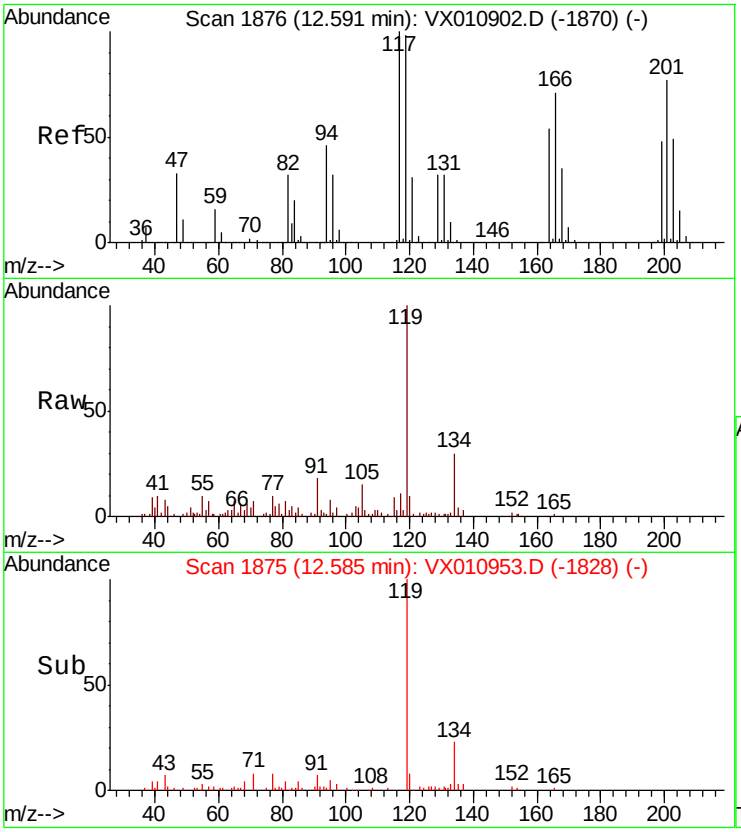


#89
n-Butylbenzene
Concen: 1.163 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion: 91 Resp: 8864

Ion	Ratio	Lower	Upper
91	100		
92	38.9	26.2	78.5
134	92.5	14.1	42.4#



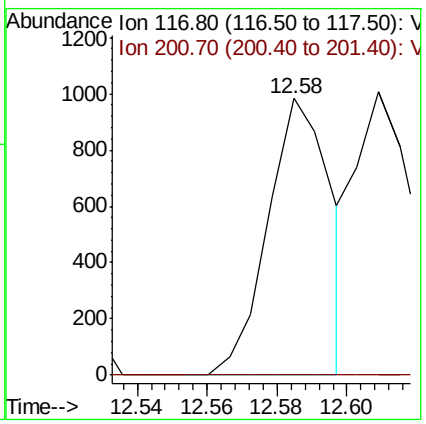


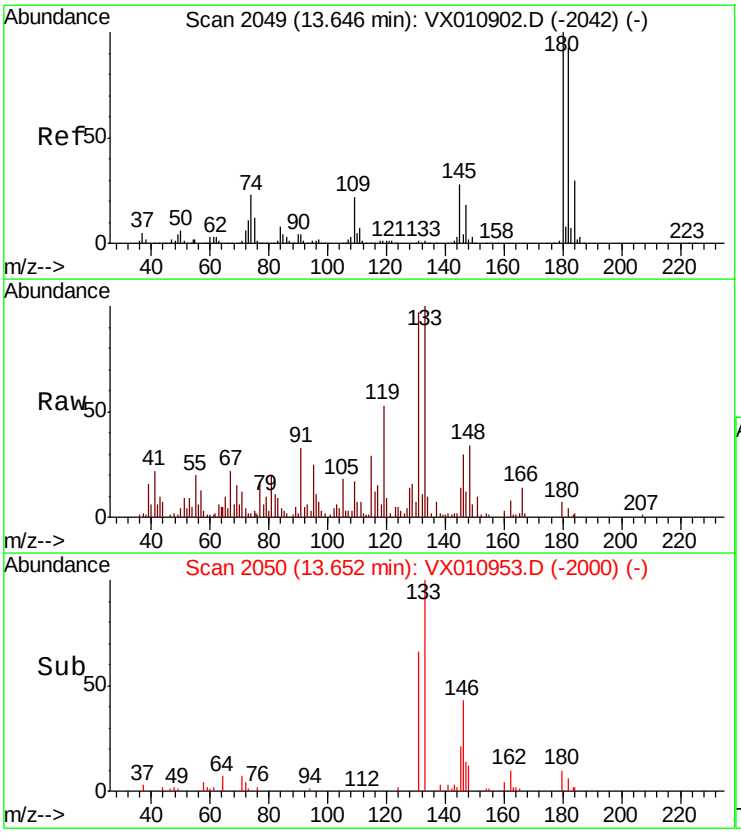
#90
Hexachloroethane
Concen: 0.878 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
TR-04-071519

Tgt Ion:117 Resp: 1233

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.0	131.8#

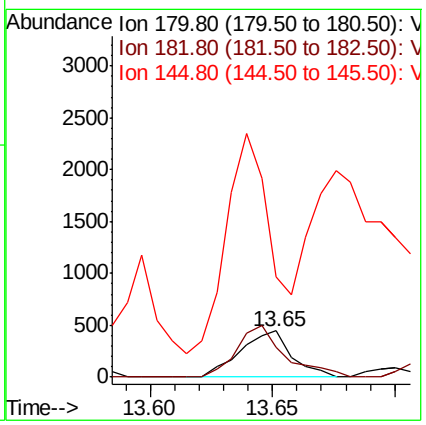


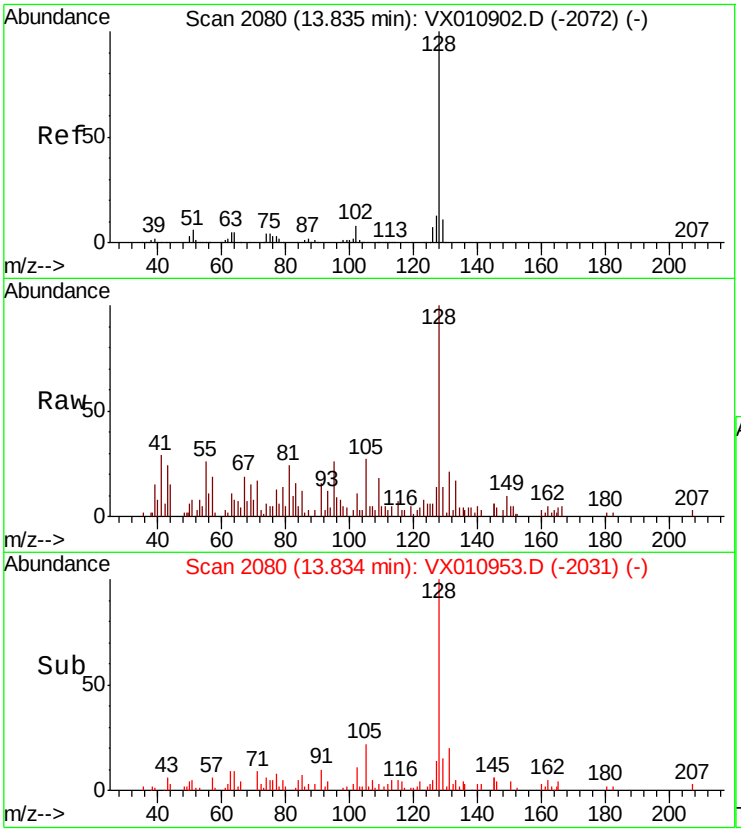


#93
1,2,4-Trichlorobenzene
Concen: 0.202 ug/l
RT: 13.65 min Scan# 2050
Delta R.T. 0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion:180 Resp: 652

Ion	Ratio	Lower	Upper
180	100		
182	105.1	48.0	144.0
145	423.3	14.4	43.4#



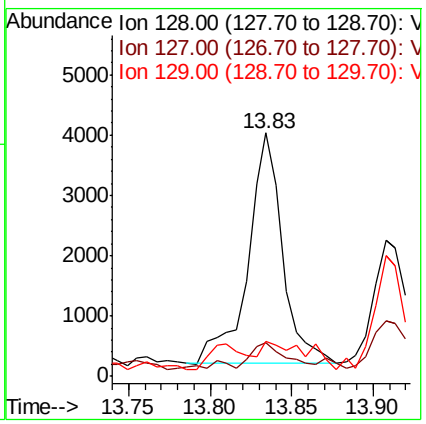


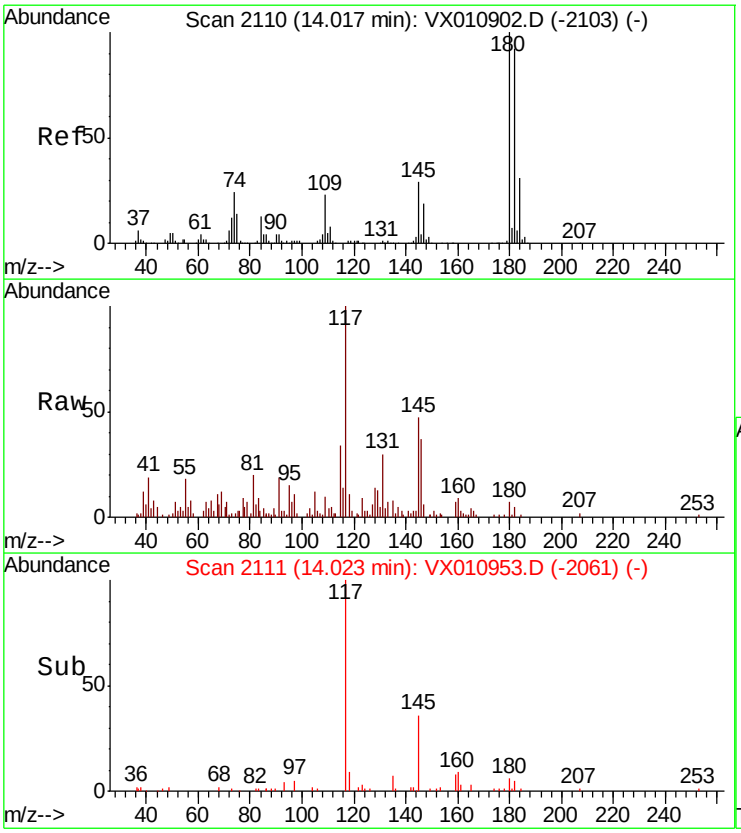
#95
Naphthalene
Concen: 0.589 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Instrument : MSVOA_X
ClientSampleId : TR-04-071519

Tgt Ion:128 Resp: 5606

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	15.9	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 0.273 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX010953.D
Acq: 18 Jul 2019 13:02

Tgt Ion:180 Resp: 874

Ion	Ratio	Lower	Upper
180	100		
182	86.8	47.8	143.3
145	488.1	15.2	45.6#