Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
Data File : VX012216.D
Acq On : 08 Sep 2019 12:01
Operator : SY/SP
Sample : K4661-01
Misc : 6.42g/5.0mL/MSVOA_X/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HD-01-090519

Quant Time: Sep 09 01:47:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	149075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	258635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	104345	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.46%			
35) Dibromofluoromethane	5.48	113	77734	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.74%			
50) Toluene-d8	8.71	98	305695	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.76%			
62) 4-Bromofluorobenzene	11.13	95	123758	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.18%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	961	1.352	ug/l	68
10) Methyl Iodide	2.51	142	212	7.106	ug/l #	40
11) Tert butyl alcohol	3.03	59	1145	5.795	ug/l #	83
13) Acrolein	2.25	56	349	Below Cal	#	65
16) Acetone	2.43	43	20582	41.863	ug/l	94
18) Methyl Acetate	2.76	43	1313	1.134	ug/l	99
20) Methylene Chloride	2.84	84	10709	5.424	ug/l	96
29) Tetrahydrofuran	5.12	42	3104	8.232	ug/l #	89
31) Cyclohexane	5.64	56	4168	1.653	ug/l #	19
36) 1,1-Dichloropropene	5.64	75	13608	5.974	ug/l #	49
38) Carbon Tetrachloride	5.65	117	17723	7.384	ug/l #	16
52) Toluene	8.78	92	14781	3.474	ug/l	94
67) Ethyl Benzene	10.25	91	11837	1.429	ug/l	99
68) m/p-Xylenes	10.36	106	19956	6.538	ug/l	88
69) o-Xylene	10.70	106	18519	6.257	ug/l	88
70) Styrene	10.71	104	11441	2.226	ug/l #	73
76) 1,2,3-Trichloropropane	11.13	75	65713	51.961	ug/l #	32
79) 2-Chlorotoluene	11.43	91	7546	1.358	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.50	105	37408	5.621	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	65713	122.845	ug/l #	10
83) tert-Butylbenzene	12.02	119	9854	1.553	ug/l	77
84) 1,2,4-Trimethylbenzene	11.80	105	100980	14.763	ug/l	93
86) p-Isopropyltoluene	12.02	119	9854	1.375	ug/l	90
89) n-Butylbenzene	12.38	91	19352	2.780	ug/l #	39
90) Hexachloroethane	12.60	117	6759	4.724	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1153	3.480	ug/l #	1
95) Naphthalene	13.83	128	777469	164.657	ug/l	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
Data File : VX012216.D
Acq On : 08 Sep 2019 12:01
Operator : SY/SP
Sample : K4661-01
Misc : 6.42g/5.0mL/MSVOA_X/SOIL
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Instrument :
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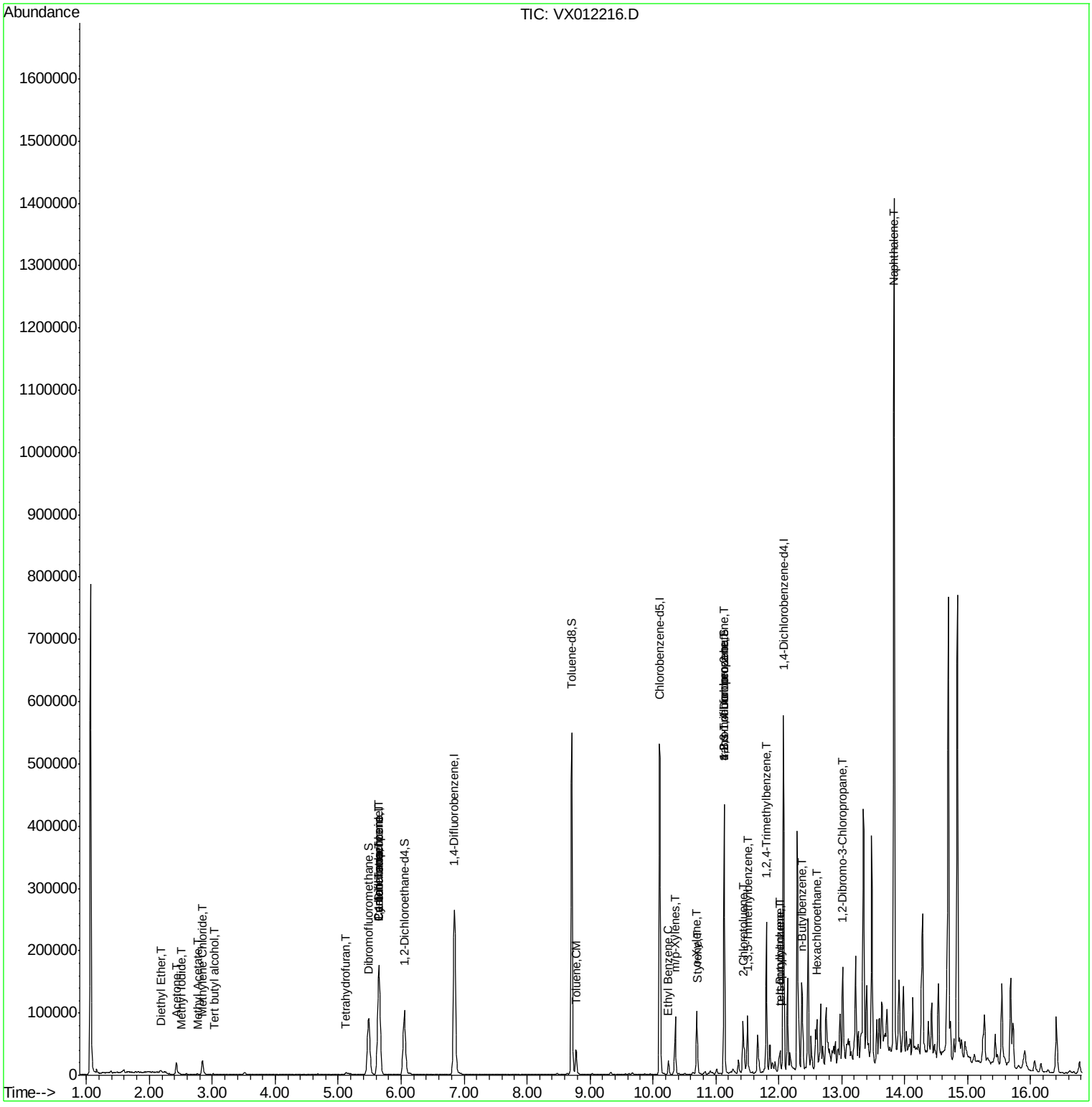
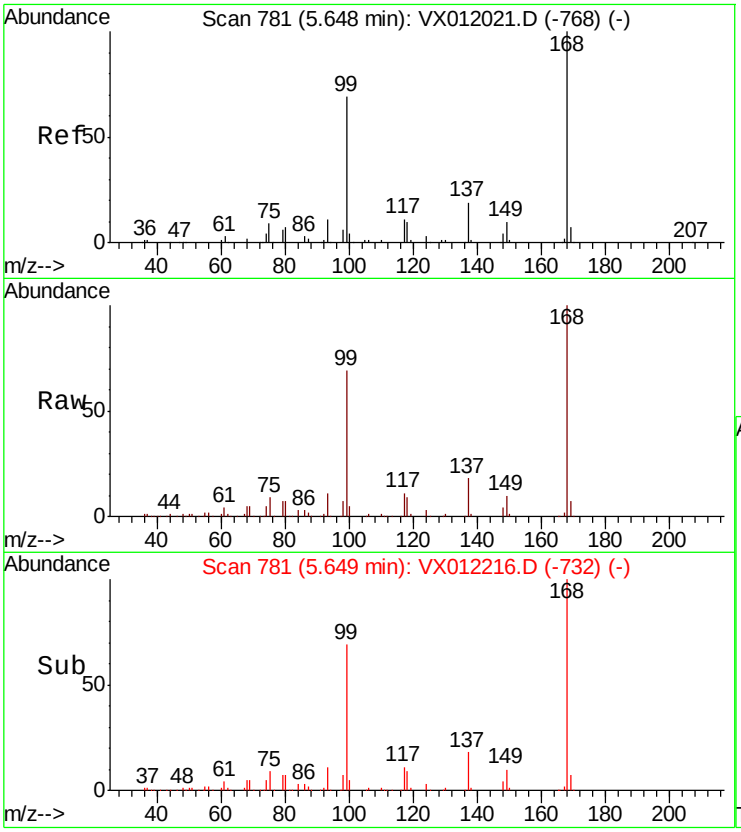
ClientSampleId :
HD-01-090519

Quant Time: Sep 09 01:47:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration



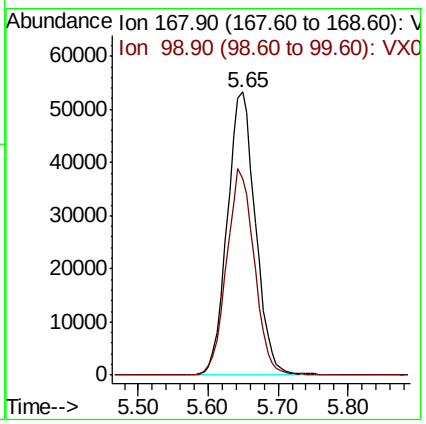


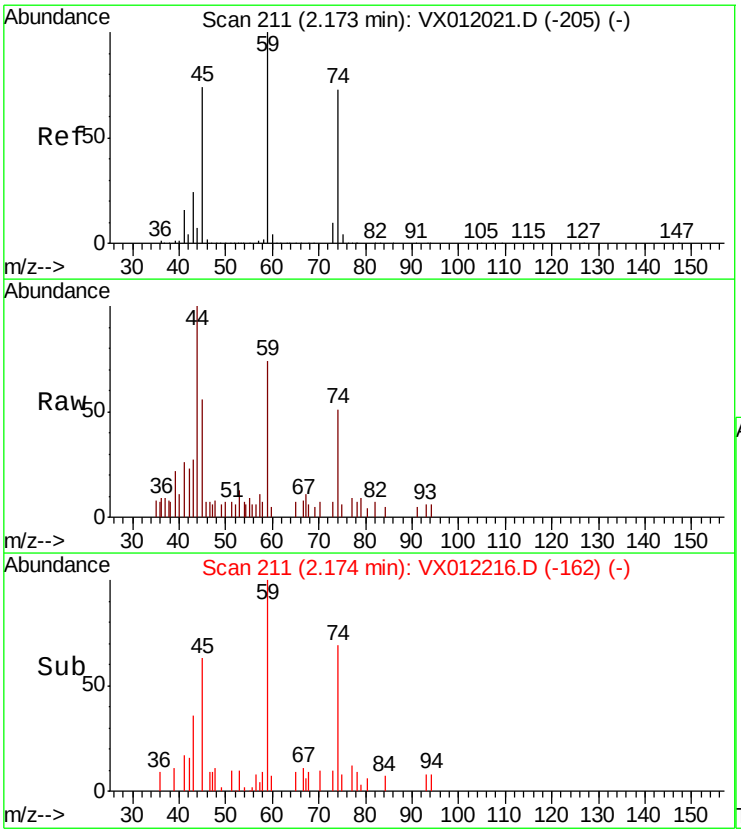
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion:168 Resp: 149075

Ion	Ratio	Lower	Upper
168	100		
99	69.2	37.6	56.4#

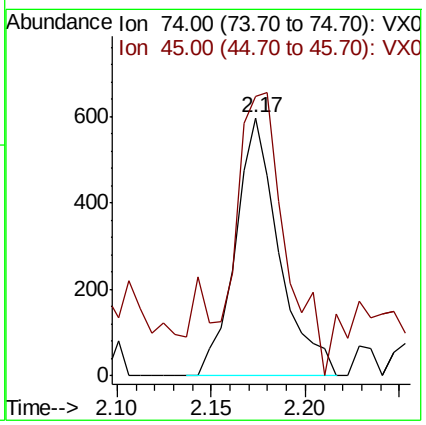


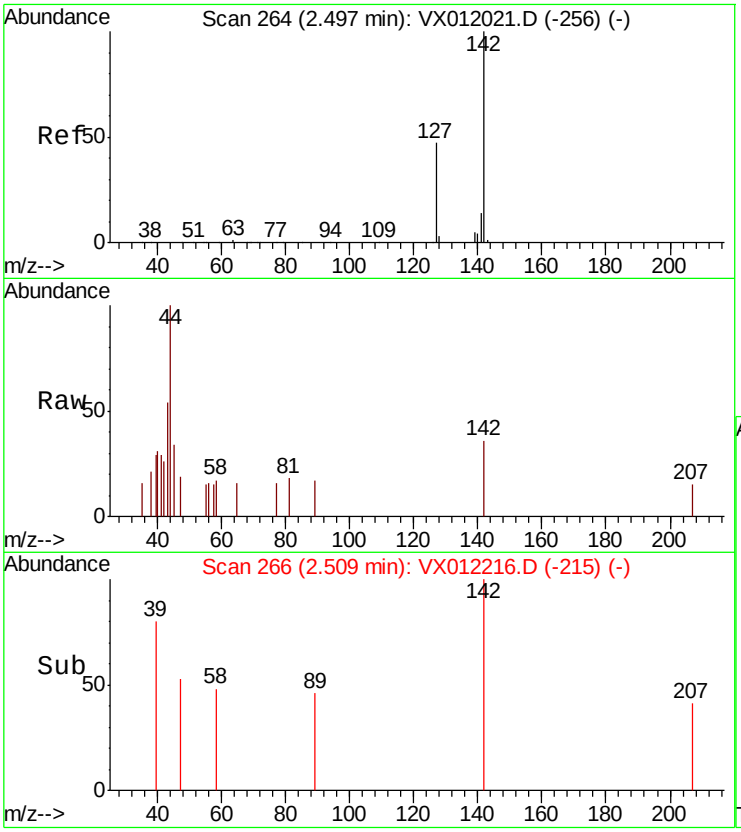


#8
Diethyl Ether
Concen: 1.352 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion: 74 Resp: 961

Ion	Ratio	Lower	Upper
74	100		
45	122.1	45.9	137.6



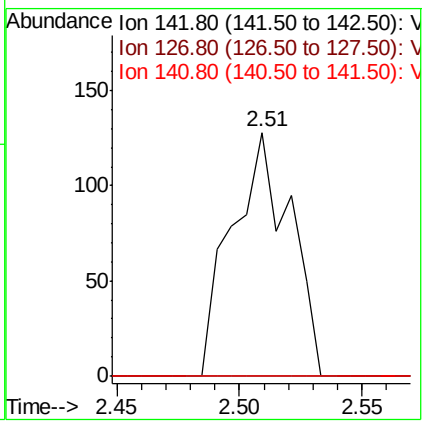


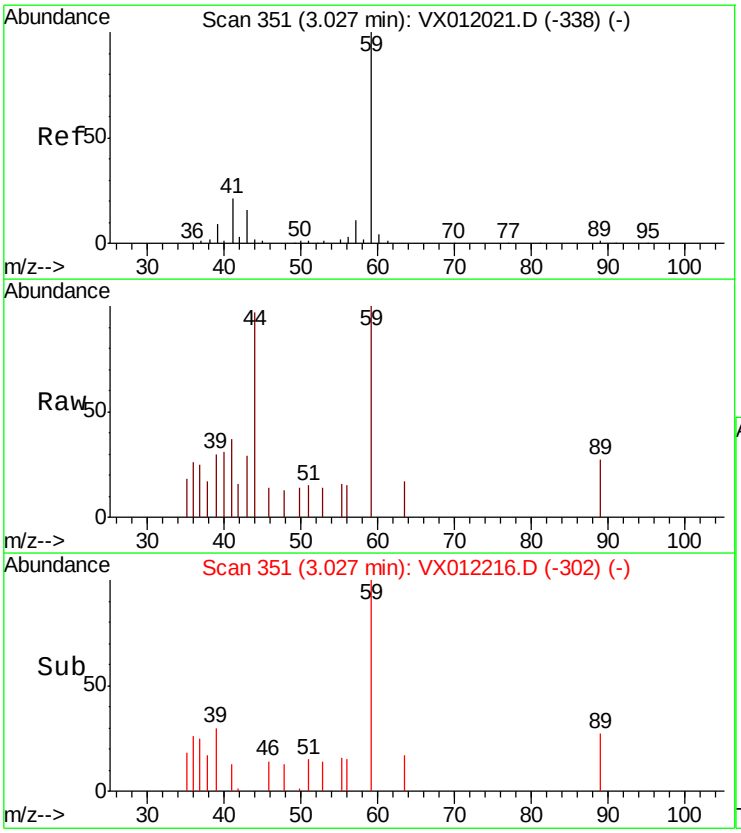
#10
Methyl Iodide
Concen: 7.106 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument : MSVOA_X
ClientSampleId : HD-01-090519

Tgt Ion:142 Resp: 212

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.4	53.2#
141	0.0	11.4	17.2#

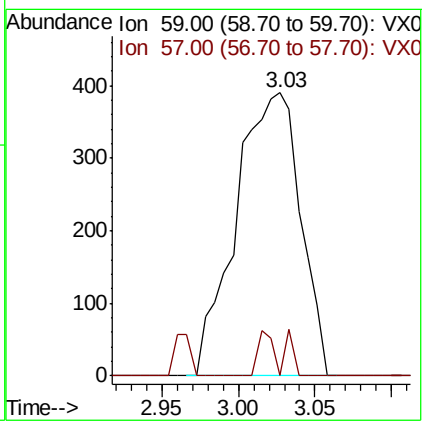


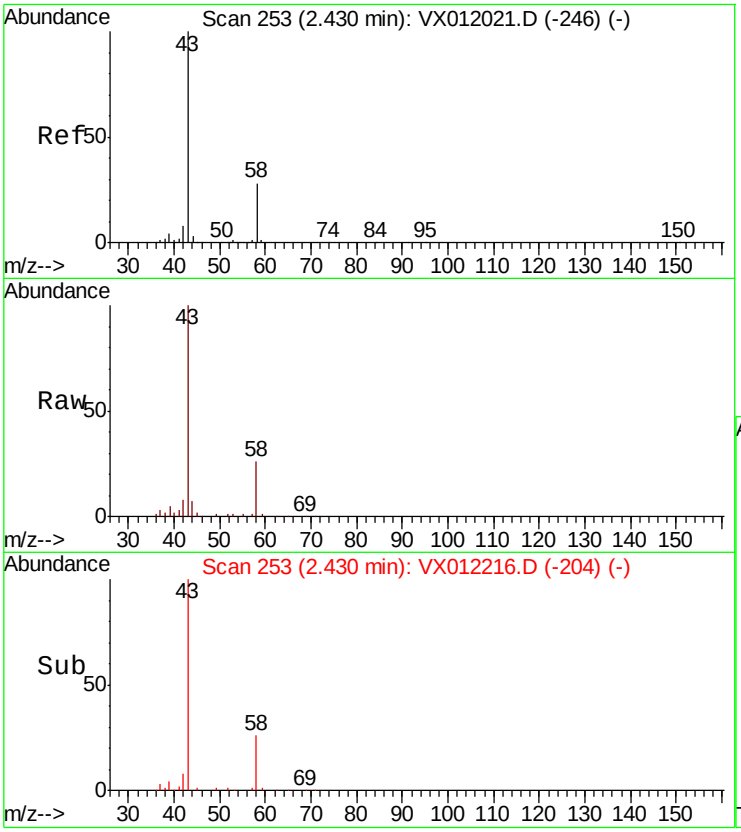


#11
Tert butyl alcohol
Concen: 5.795 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion: 59 Resp: 1145

Ion	Ratio	Lower	Upper
59	100		
57	3.7	7.9	11.9#



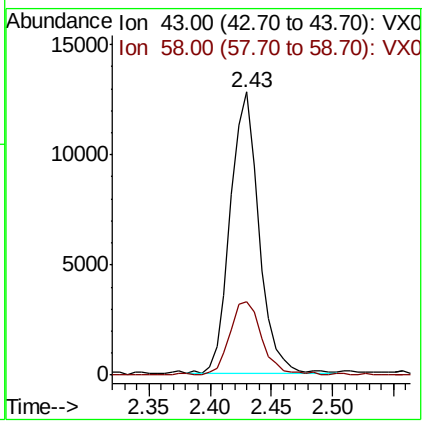


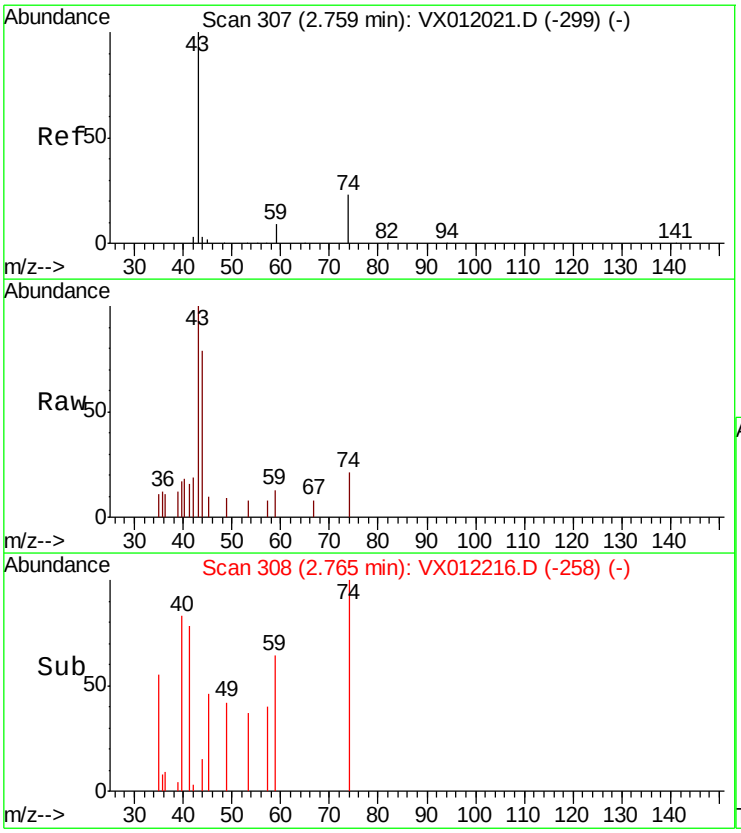
#16
Acetone
Concen: 41.863 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion: 43 Resp: 20582

Ion	Ratio	Lower	Upper
43	100		
58	25.6	22.8	34.2

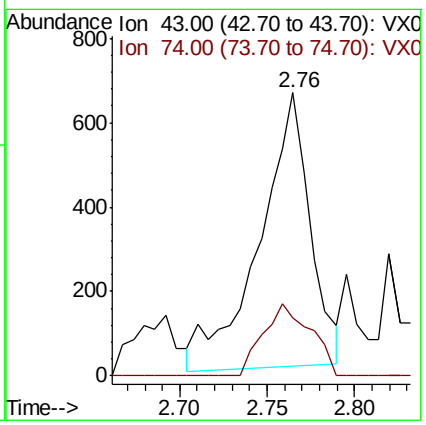


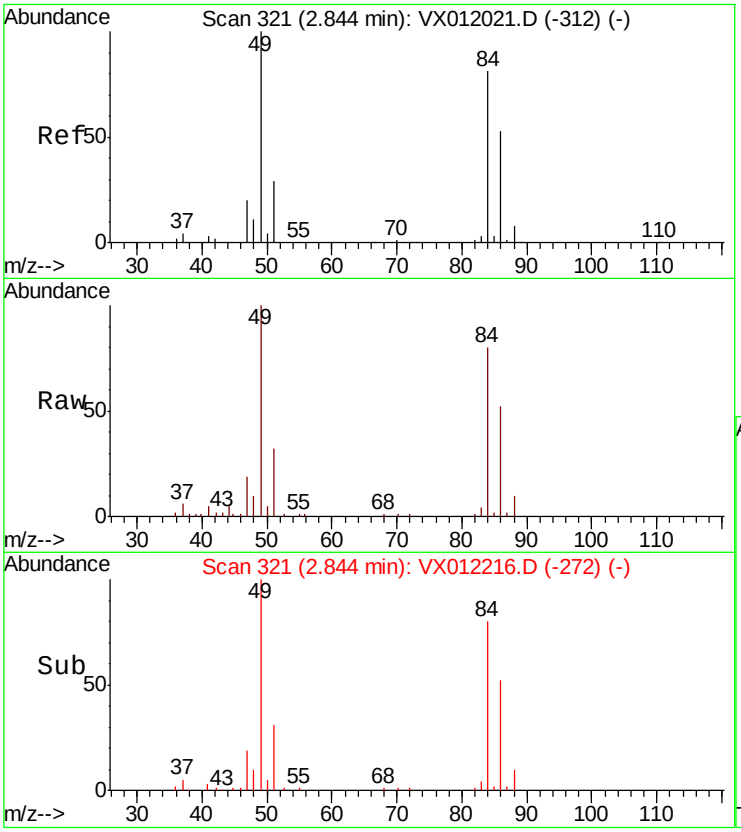


#18
Methyl Acetate
Concen: 1.134 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion: 43 Resp: 1313

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.5	29.3



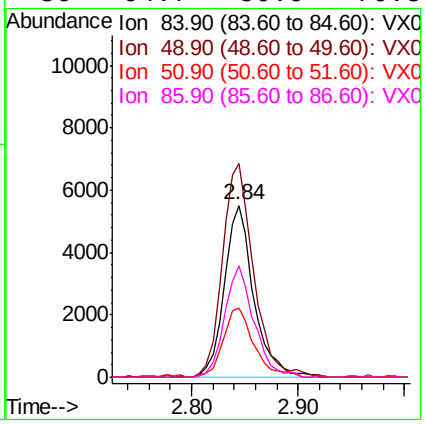


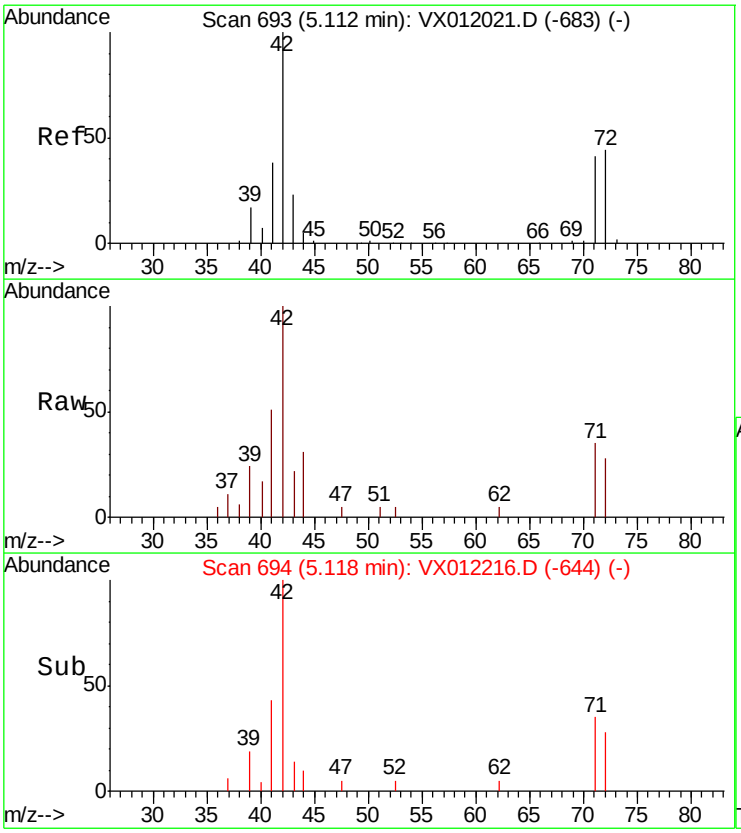
#20
Methylene Chloride
Concen: 5.424 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion: 84 Resp: 10709

Ion	Ratio	Lower	Upper
84	100		
49	124.3	95.8	143.8
51	39.9	28.6	43.0
86	64.7	50.9	76.3

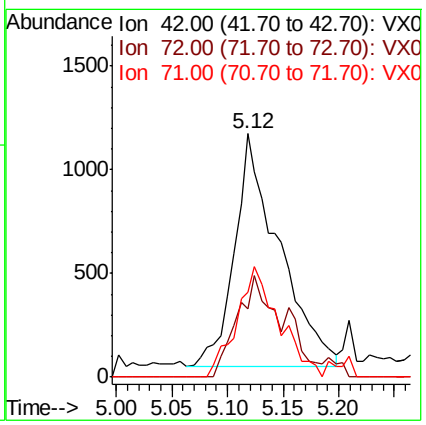


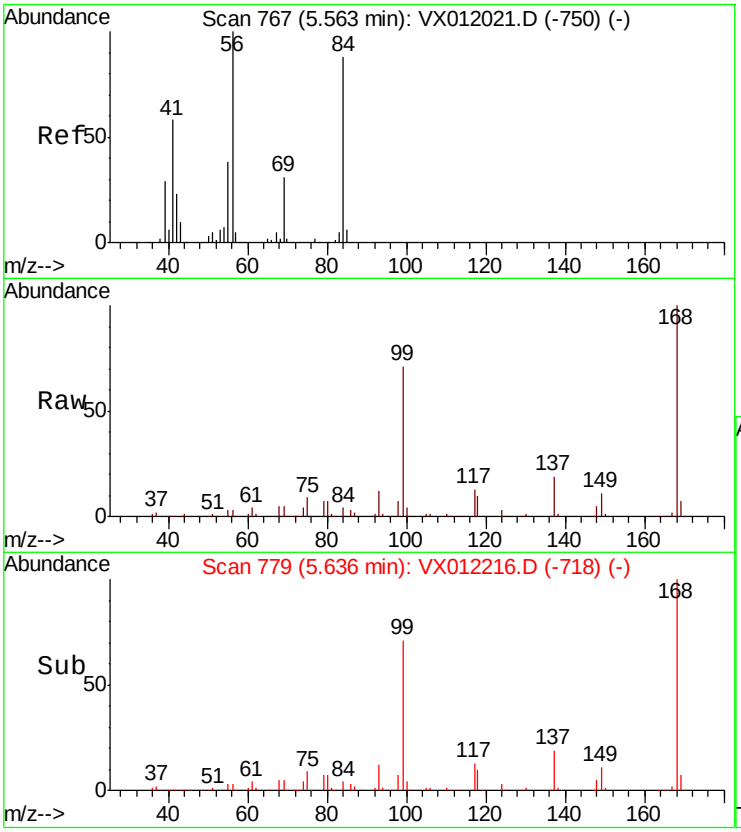


#29
Tetrahydrofuran
Concen: 8.232 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion: 42 Resp: 3104

Ion	Ratio	Lower	Upper
42	100		
72	34.7	37.0	55.4#
71	45.0	33.8	50.8



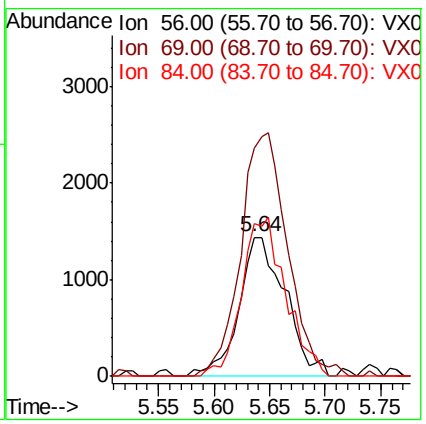


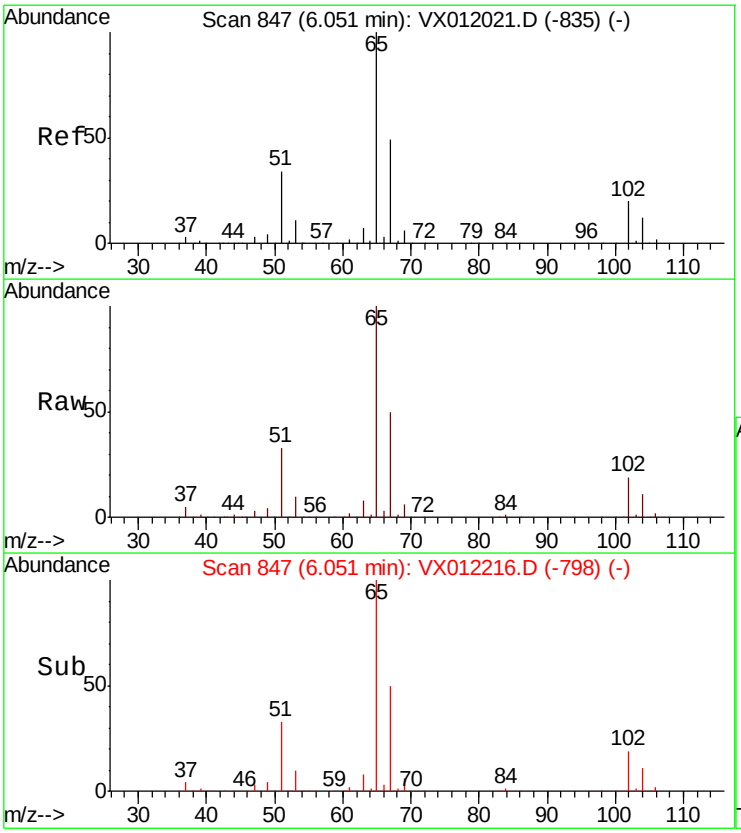
#31
Cyclohexane
Concen: 1.653 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.07 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument : MSVOA_X
ClientSampleId : HD-01-090519

Tgt Ion: 56 Resp: 4168

Ion	Ratio	Lower	Upper
56	100		
69	164.2	25.7	38.5#
84	109.9	70.3	105.5#

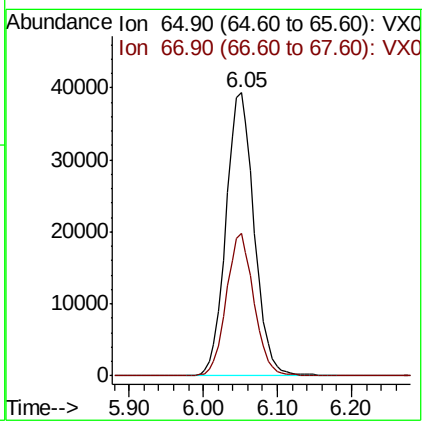


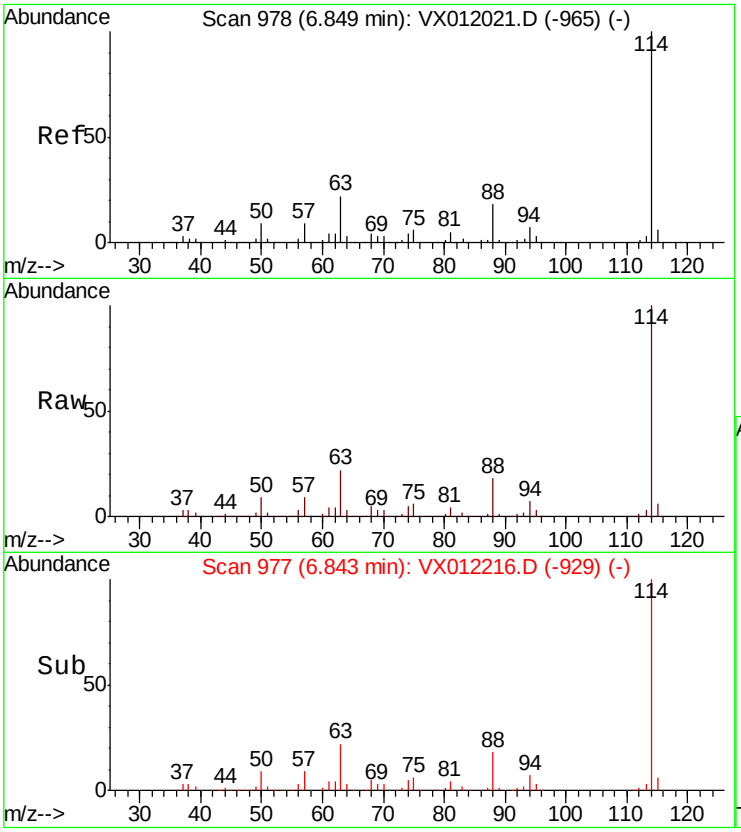


#33
1,2-Dichloroethane-d4
Concen: 50.728 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion: 65 Resp: 104345

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	102.0



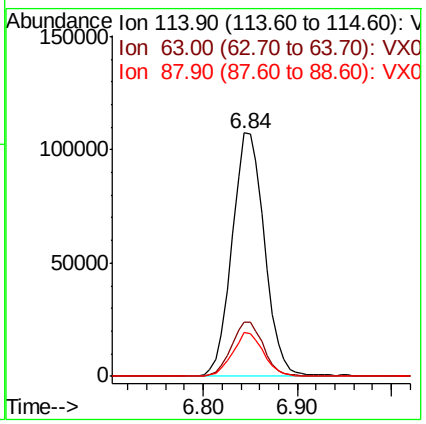


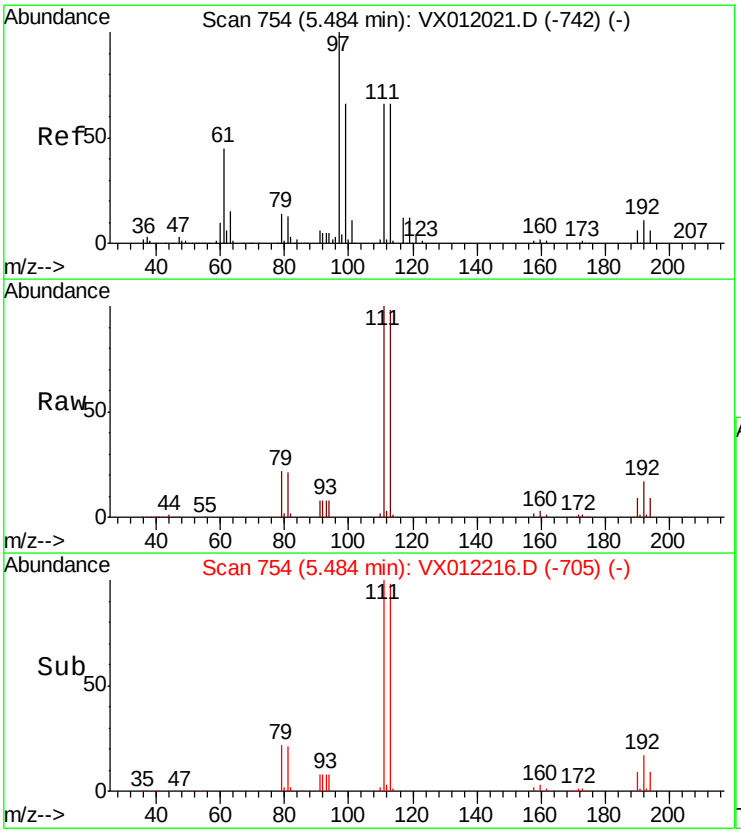
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion:114 Resp: 258635

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	37.4
88	17.9	0.0	29.6

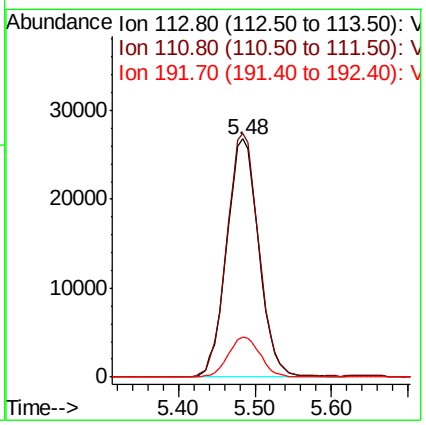


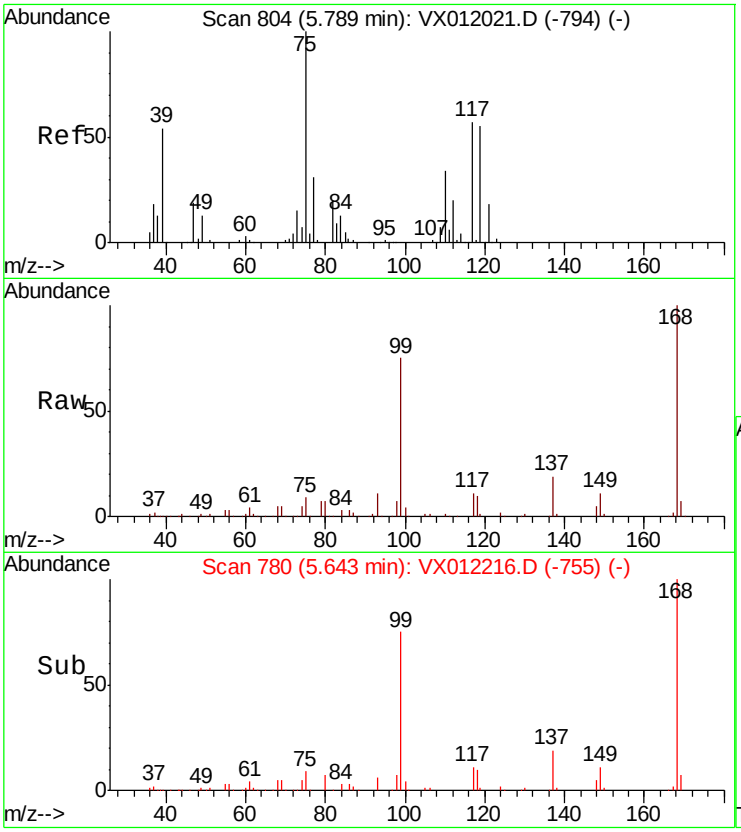


#35
Dibromofluoromethane
Concen: 48.873 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:113 Resp: 77734

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.7	122.5
192	16.8	22.5	33.7#



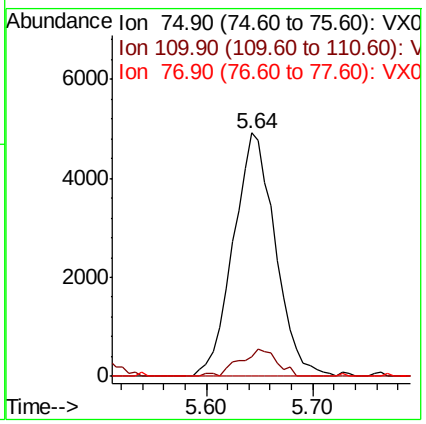


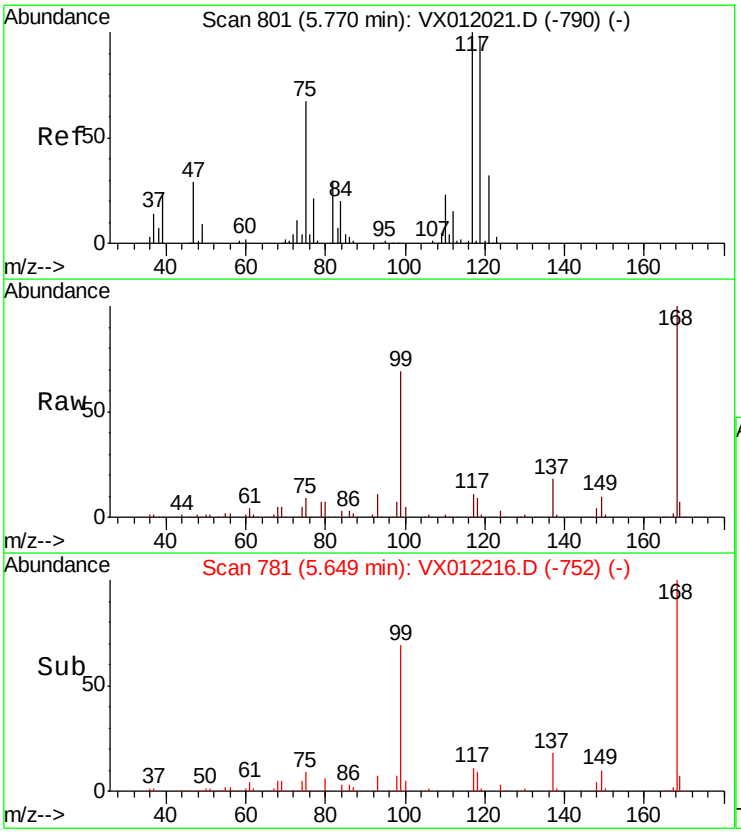
#36
1,1-Dichloropropene
Concen: 5.974 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion: 75 Resp: 13608

Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.5	58.5#
77	0.0	24.6	37.0#

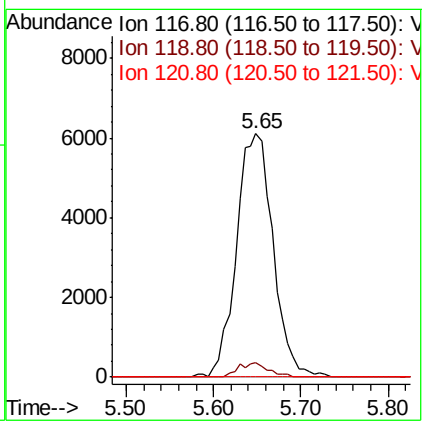


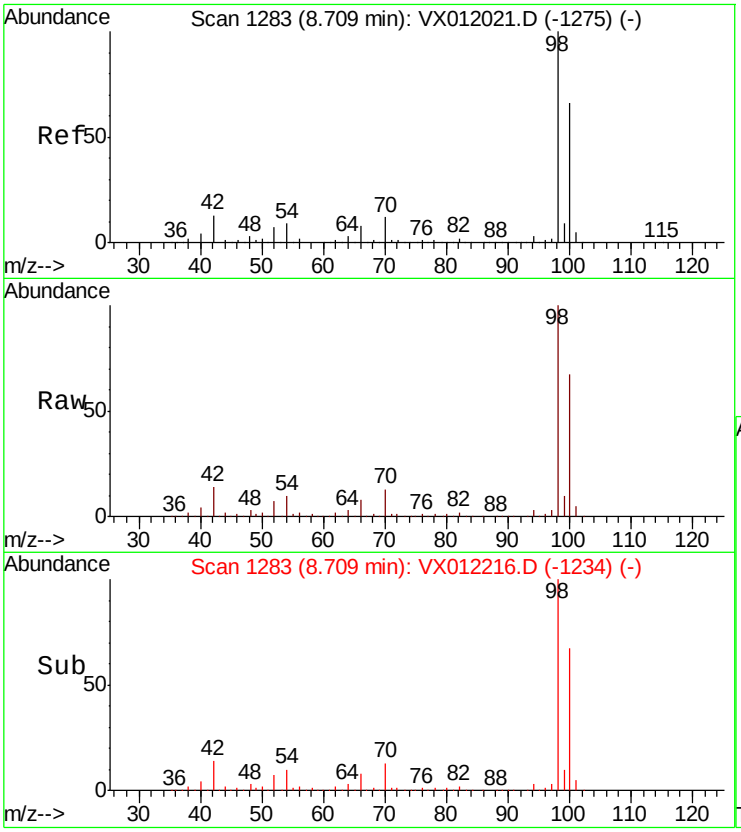


#38
Carbon Tetrachloride
Concen: 7.384 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:117 Resp: 17723

Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.3	117.5#
121	0.0	24.2	36.2#



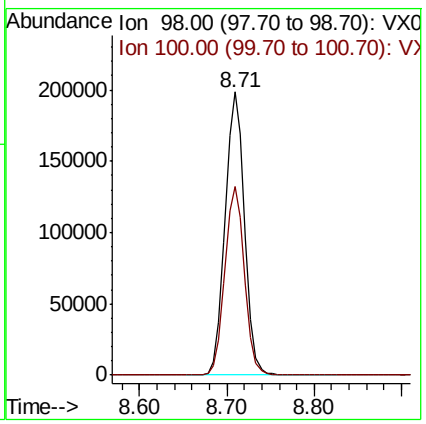


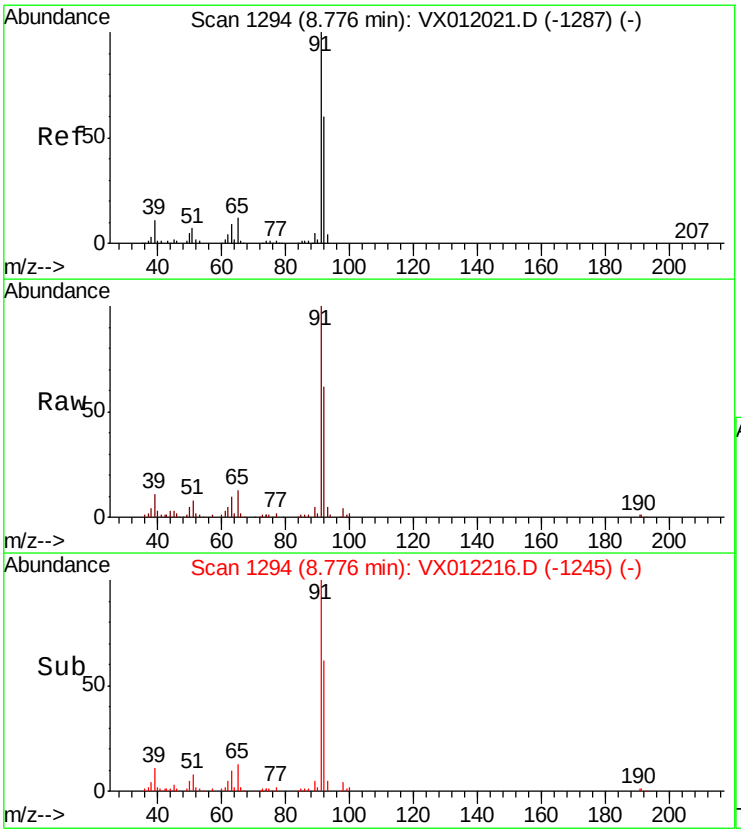
#50
Toluene-d8
Concen: 52.376 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion: 98 Resp: 305695

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.3	79.9

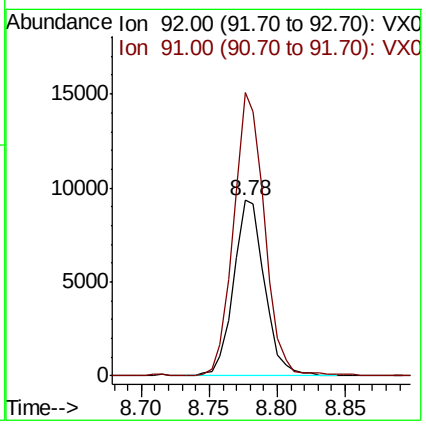


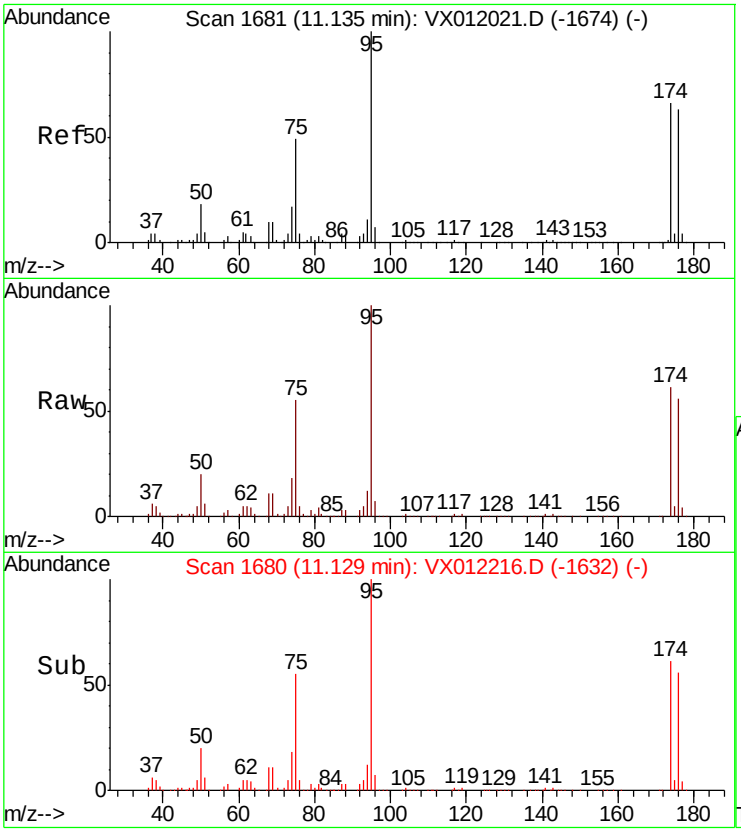


#52
Toluene
Concen: 3.474 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion: 92 Resp: 14781

Ion	Ratio	Lower	Upper
92	100		
91	161.3	136.0	204.0



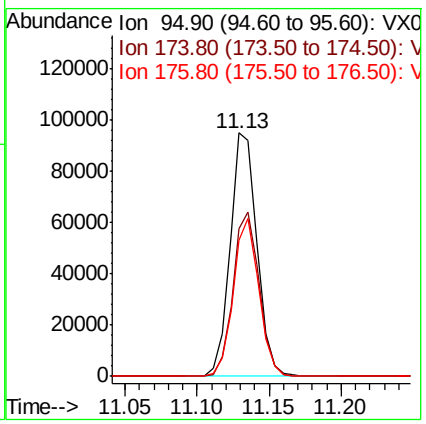


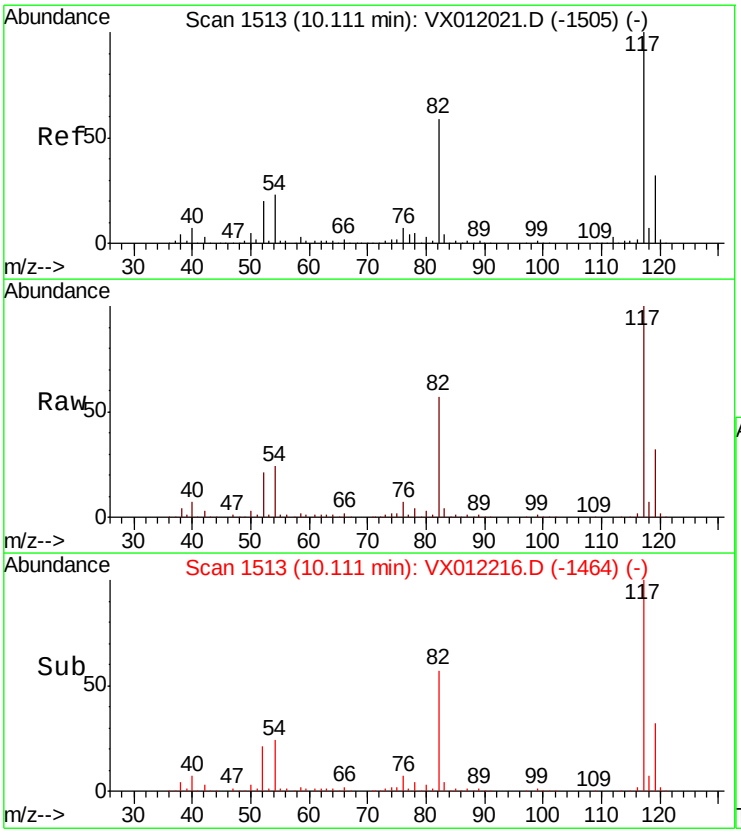
#62
4-Bromofluorobenzene
Concen: 45.594 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion: 95 Resp: 123758

Ion	Ratio	Lower	Upper
95	100		
174	65.6	0.0	205.4
176	61.8	0.0	201.8

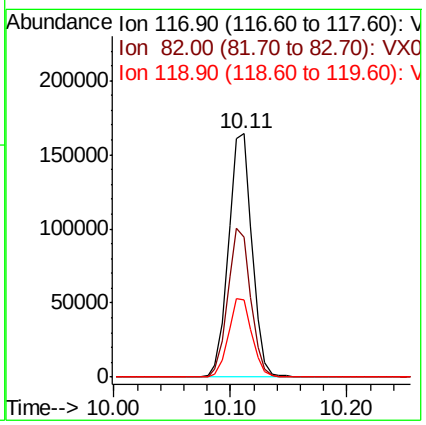


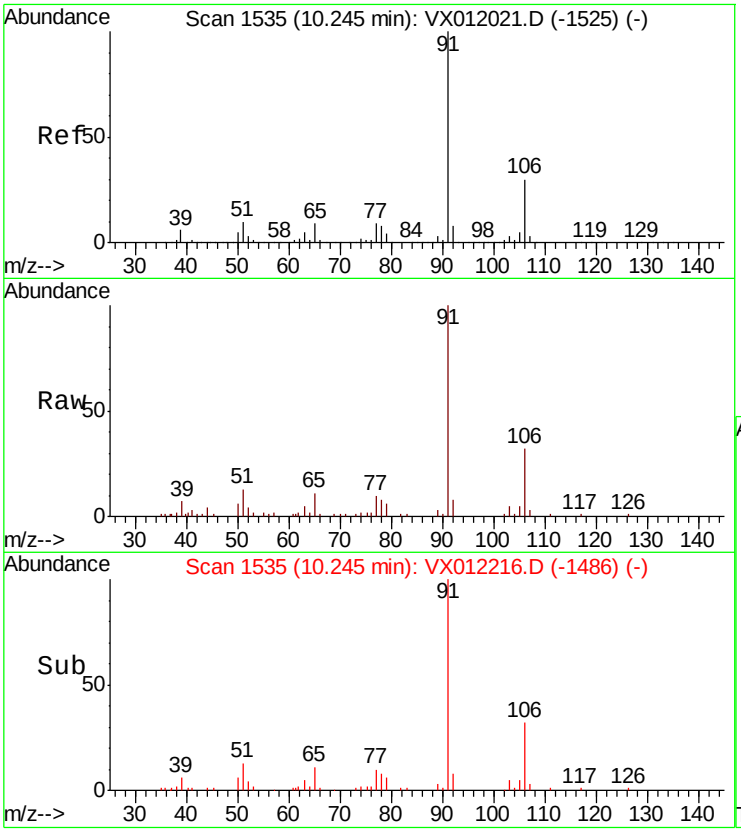


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:117 Resp: 230336

Ion	Ratio	Lower	Upper
117	100		
82	57.3	39.4	59.0
119	31.6	26.1	39.1



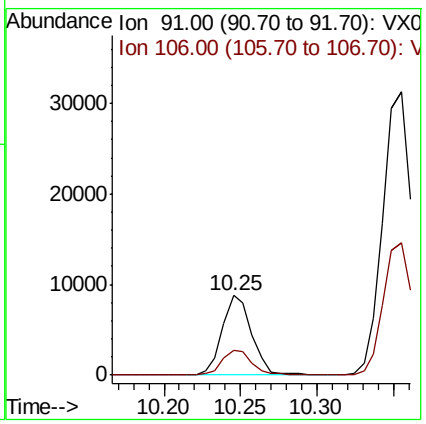


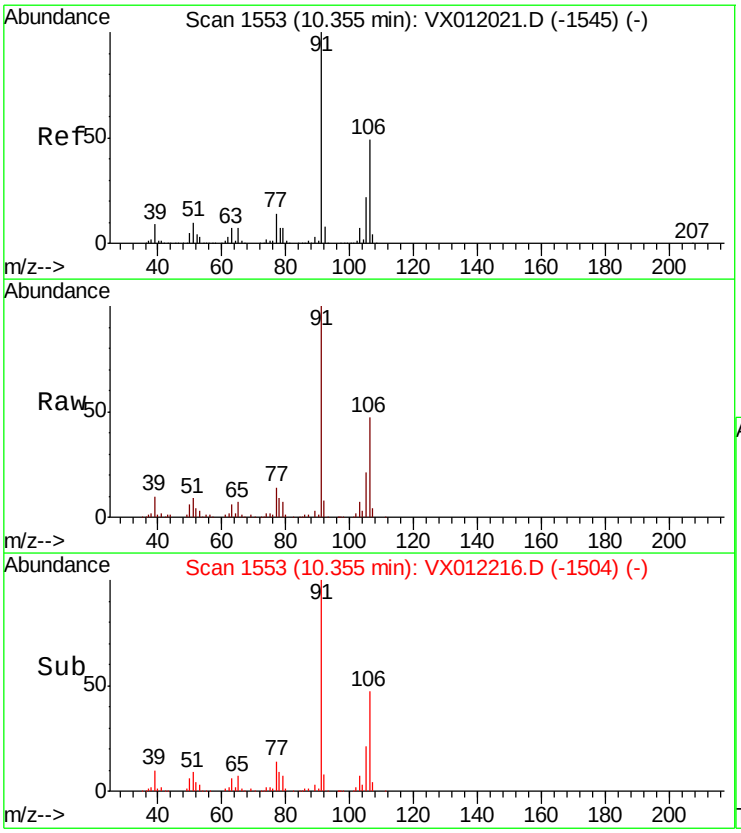
#67
Ethyl Benzene
Concen: 1.429 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion: 91 Resp: 11837

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.8	38.8

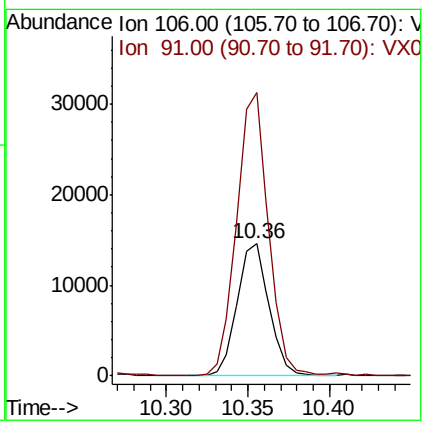


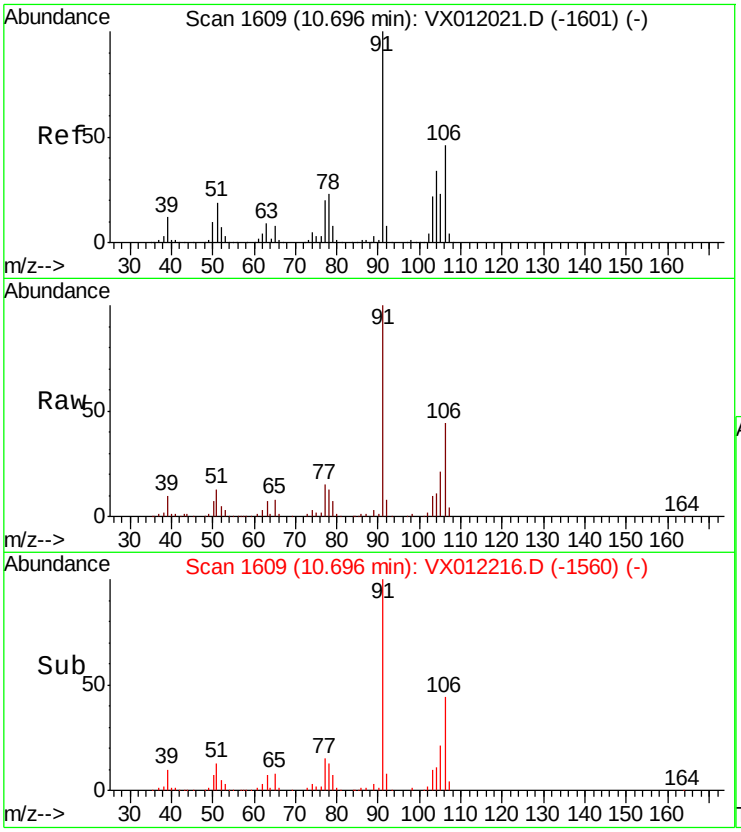


#68
m/p-Xylenes
Concen: 6.538 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:106 Resp: 19956

Ion	Ratio	Lower	Upper
106	100		
91	214.5	157.5	236.3



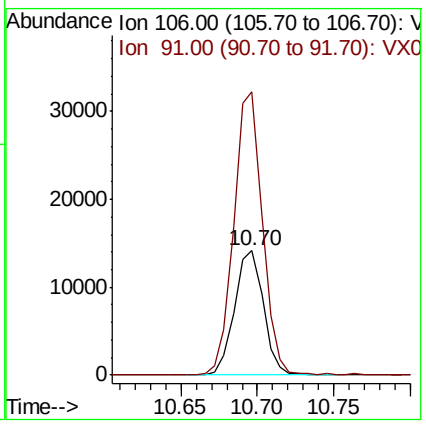


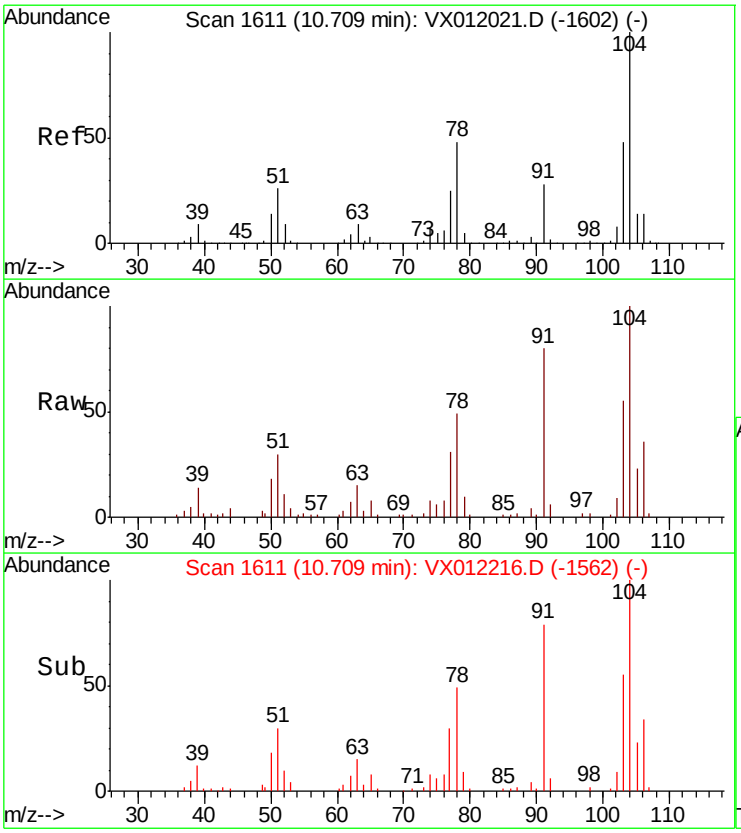
#69
o-Xylene
Concen: 6.257 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion:106 Resp: 18519

Ion	Ratio	Lower	Upper
106	100		
91	226.2	103.5	310.3

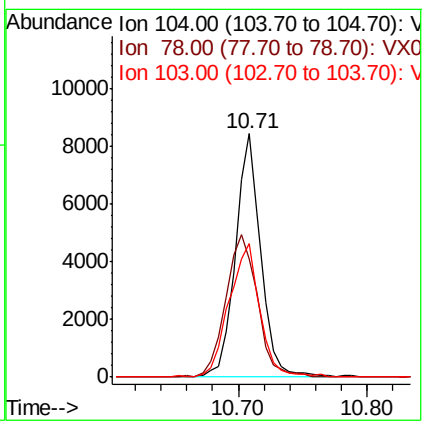


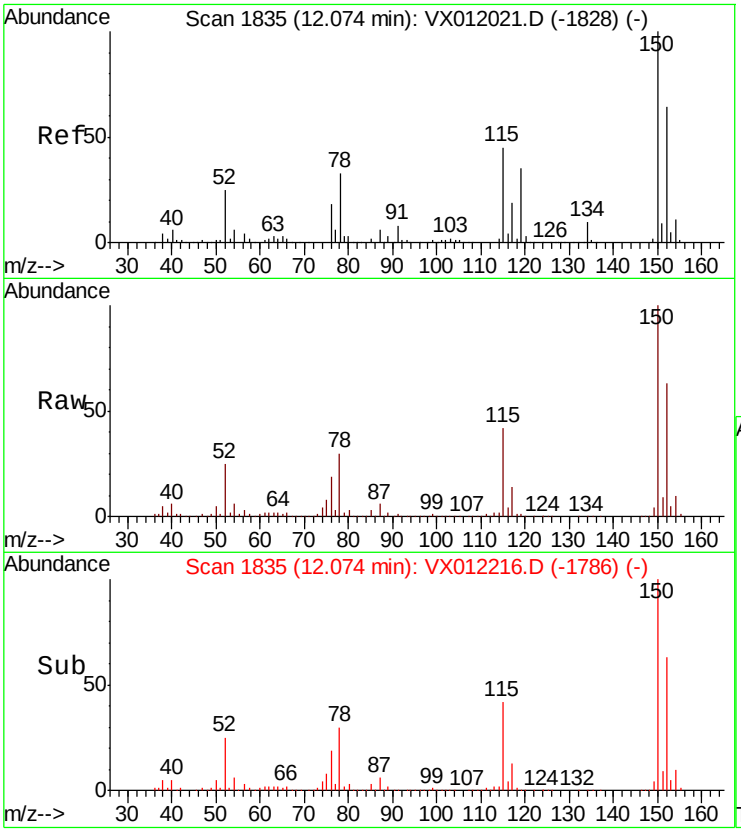


#70
Styrene
Concen: 2.226 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:104 Resp: 11441

Ion	Ratio	Lower	Upper
104	100		
78	73.9	39.1	58.7#
103	67.1	43.4	65.2#



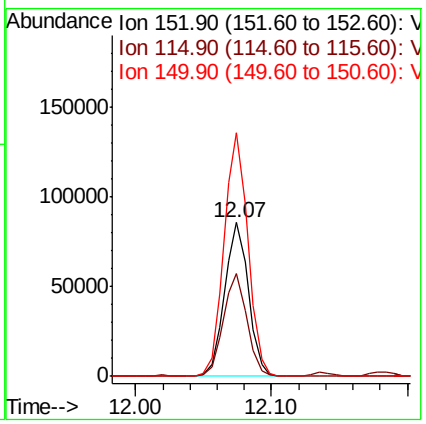


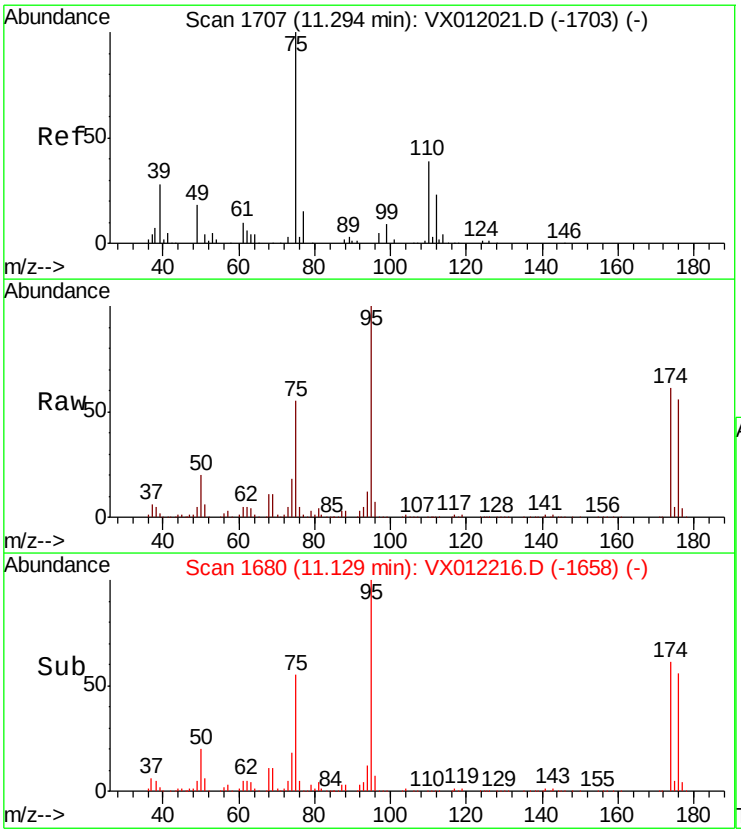
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion:152 Resp: 103503

Ion	Ratio	Lower	Upper
152	100		
115	65.7	36.4	109.3
150	158.3	0.0	341.2

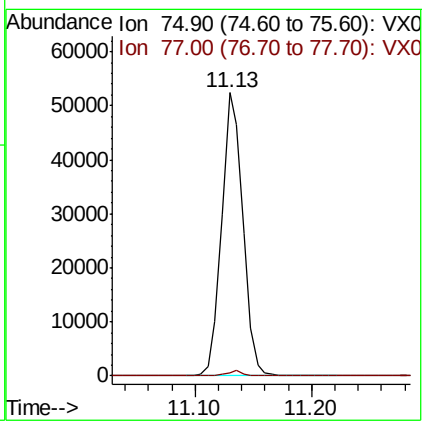


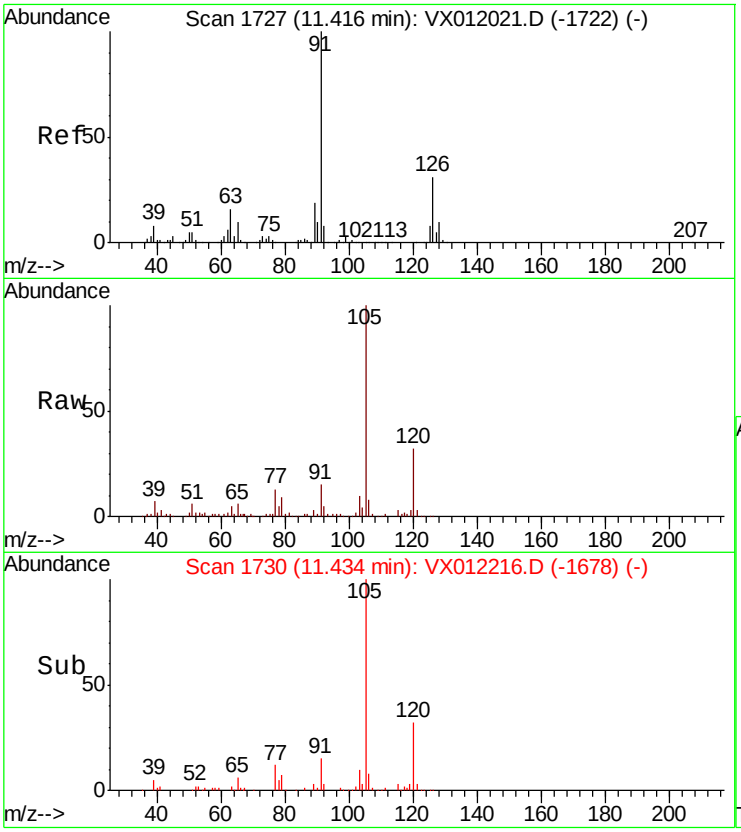


#76
1,2,3-Trichloropropane
Concen: 51.961 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion: 75 Resp: 65713

Ion	Ratio	Lower	Upper
75	100		
77	1.3	23.5	70.5#



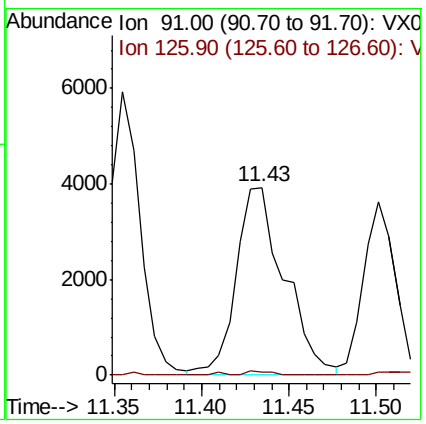


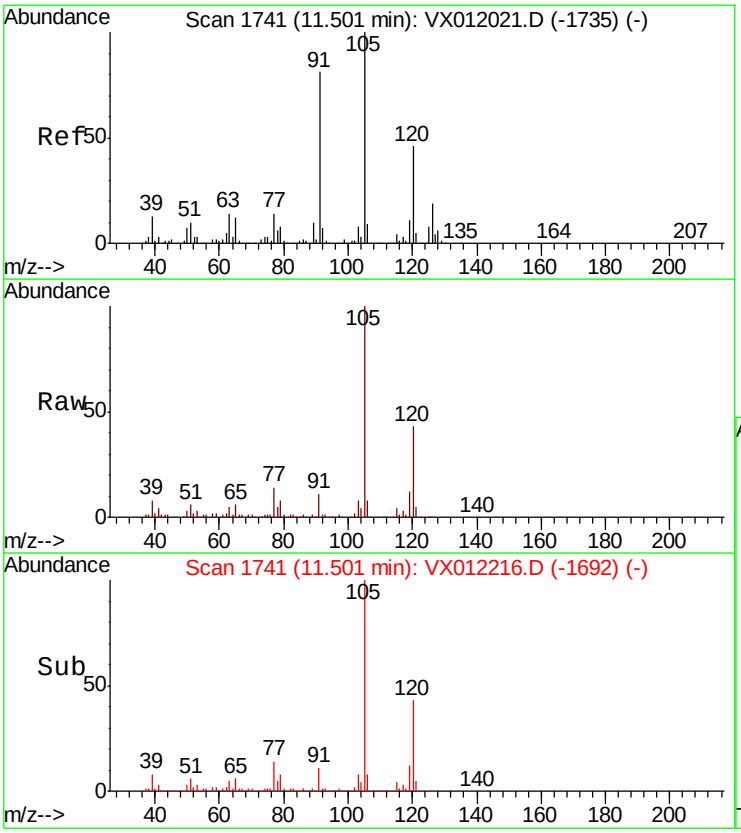
#79
2-Chlorotoluene
Concen: 1.358 ug/l
RT: 11.43 min Scan# 1730
Delta R.T. 0.02 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion: 91 Resp: 7546

Ion	Ratio	Lower	Upper
91	100		
126	1.1	18.6	55.8#

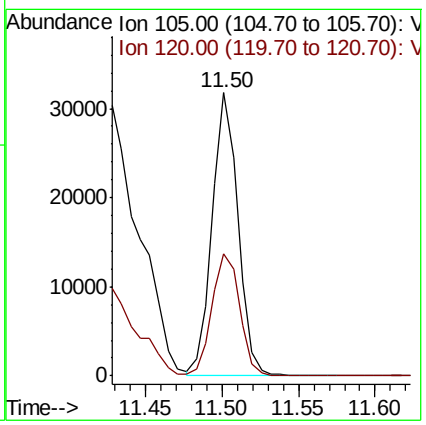


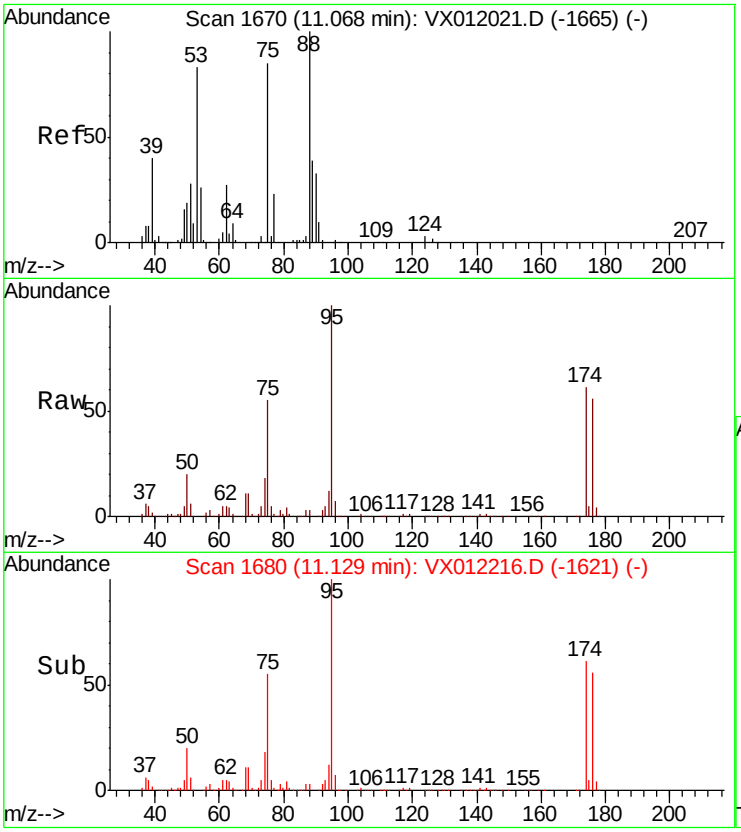


#80
1,3,5-Trimethylbenzene
Concen: 5.621 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:105 Resp: 37408

Ion	Ratio	Lower	Upper
105	100		
120	46.3	25.8	77.3



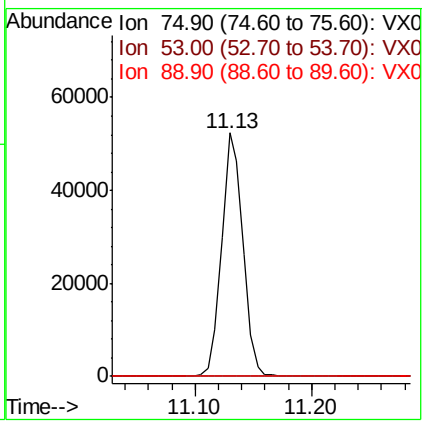


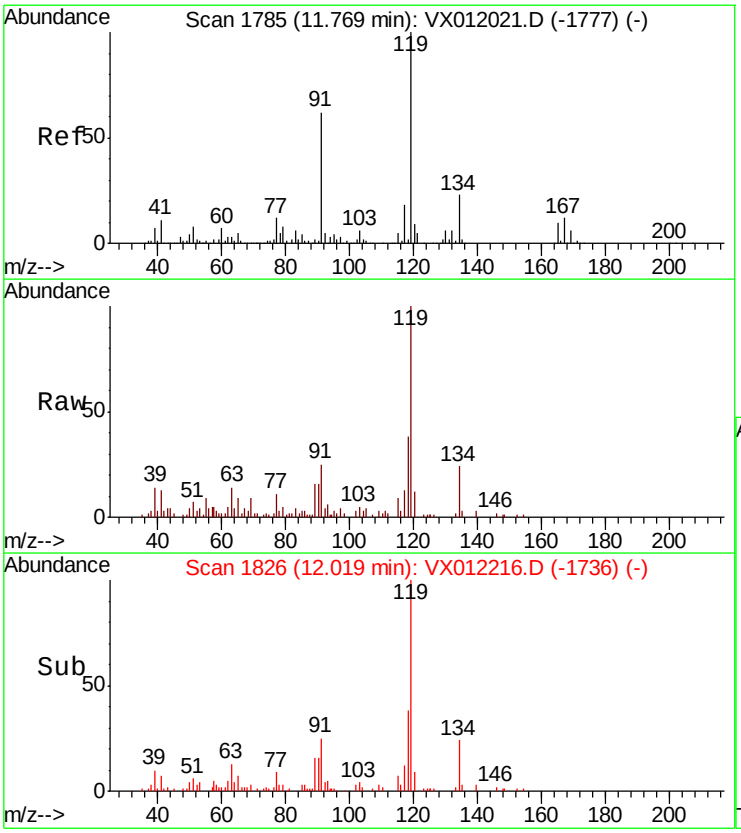
#81
trans-1,4-Dichloro-2-butene
Concen: 122.845 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion: 75 Resp: 65713

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.6	117.8#
89	0.0	38.8	58.2#

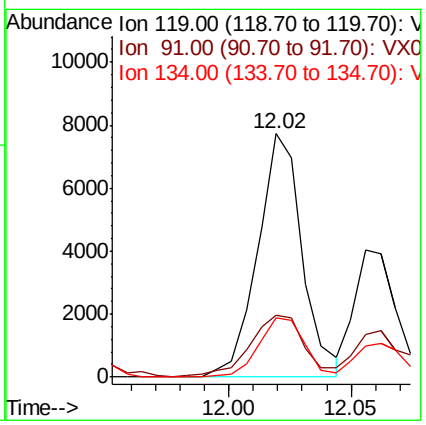


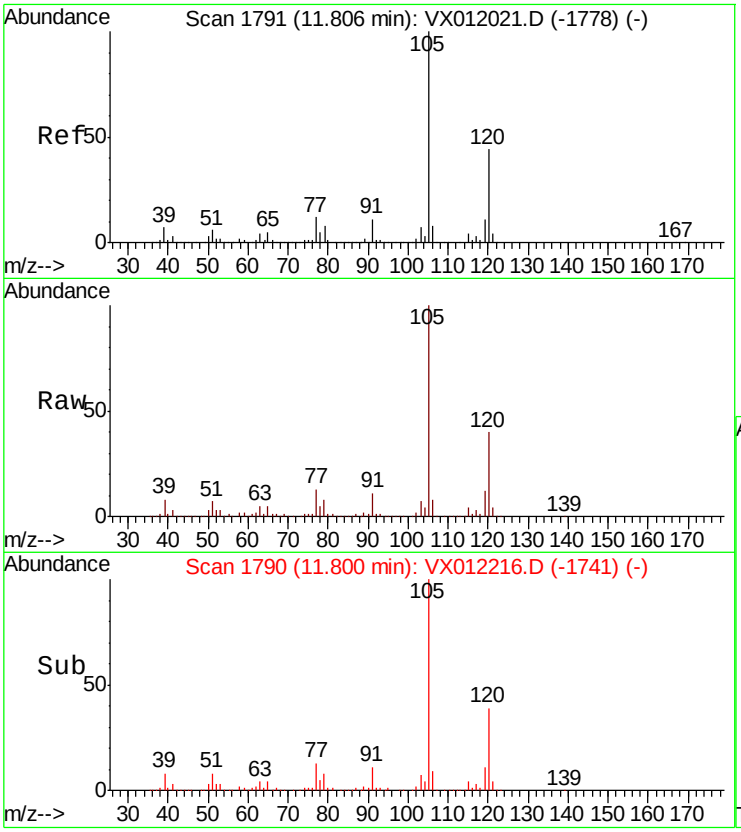


#83
tert-Butylbenzene
Concen: 1.553 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.25 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:119 Resp: 9854

Ion	Ratio	Lower	Upper
119	100		
91	31.4	27.1	81.2
134	25.3	12.1	36.3



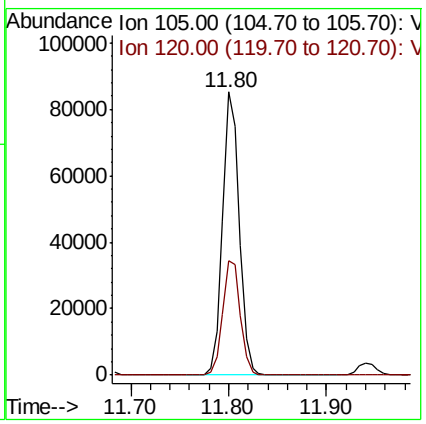


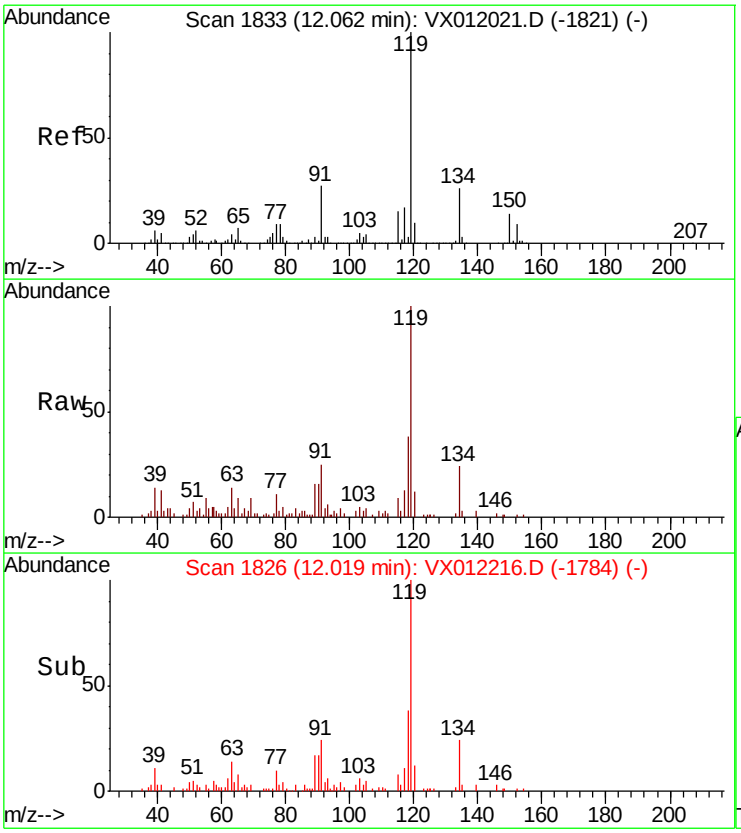
#84
1,2,4-Trimethylbenzene
Concen: 14.763 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion:105 Resp: 100980

Ion	Ratio	Lower	Upper
105	100		
120	42.7	23.6	70.8

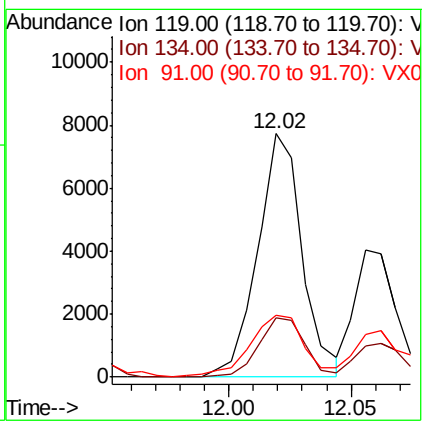


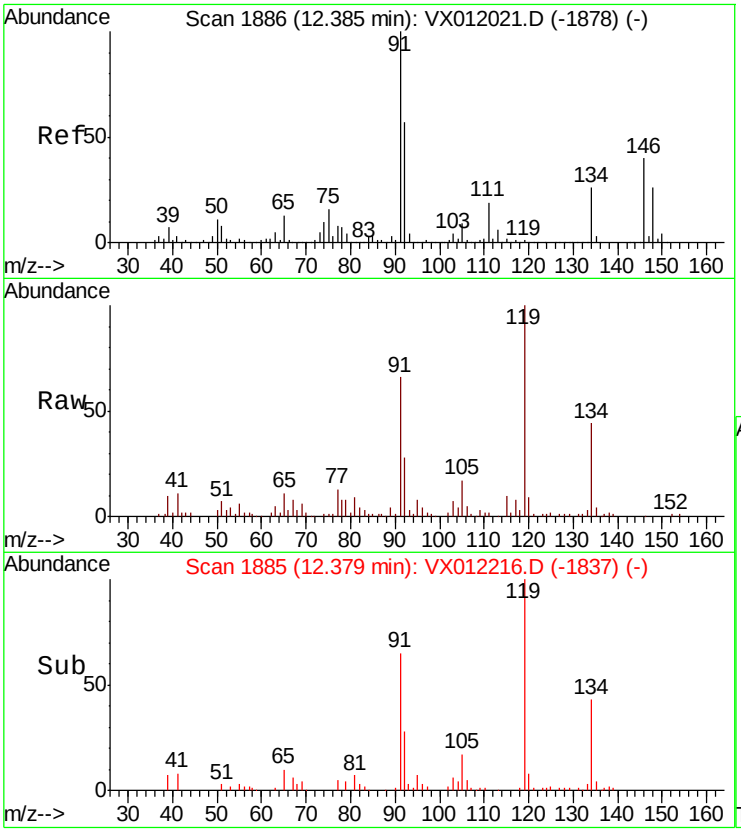


#86
p-Isopropyltoluene
Concen: 1.375 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.04 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:119 Resp: 9854

Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.7	41.1
91	31.4	11.4	34.1



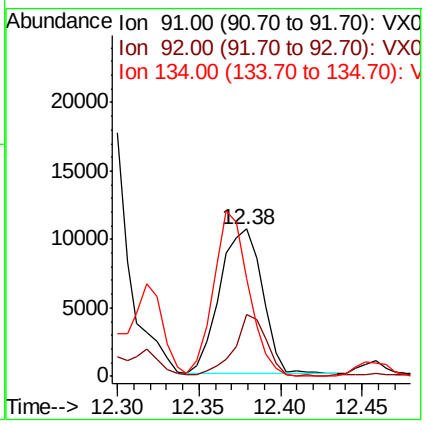


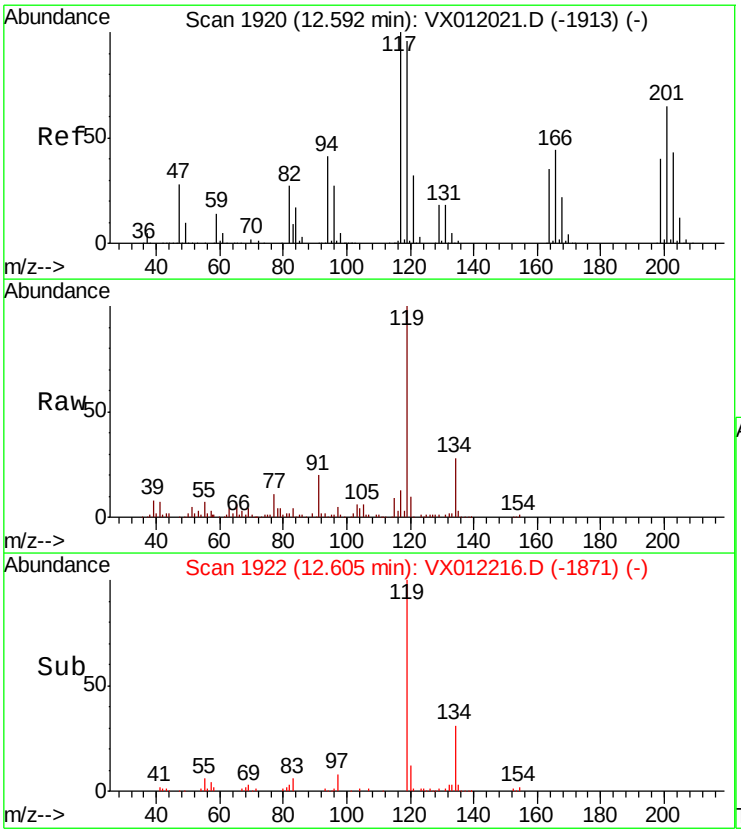
#89
n-Butylbenzene
Concen: 2.780 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
HD-01-090519

Tgt Ion: 91 Resp: 19352

Ion	Ratio	Lower	Upper
91	100		
92	32.4	27.6	82.8
134	93.9	15.4	46.1#

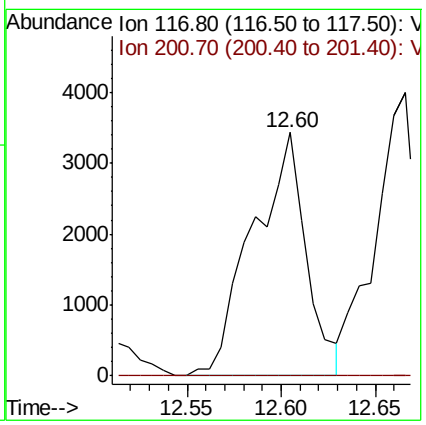


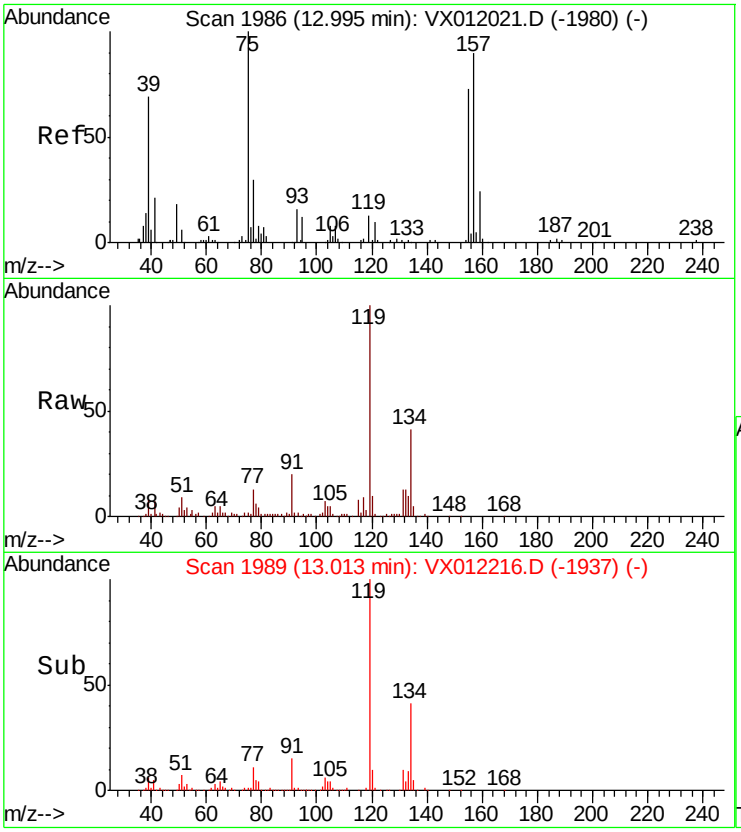


#90
Hexachloroethane
Concen: 4.724 ug/l
RT: 12.60 min Scan# 1922
Delta R.T. 0.01 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:117 Resp: 6759

Ion	Ratio	Lower	Upper
117	100		
201	0.0	55.0	165.2#



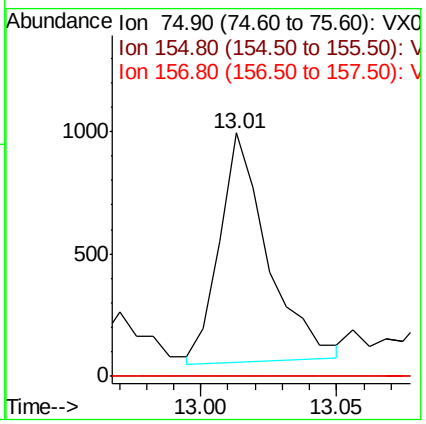


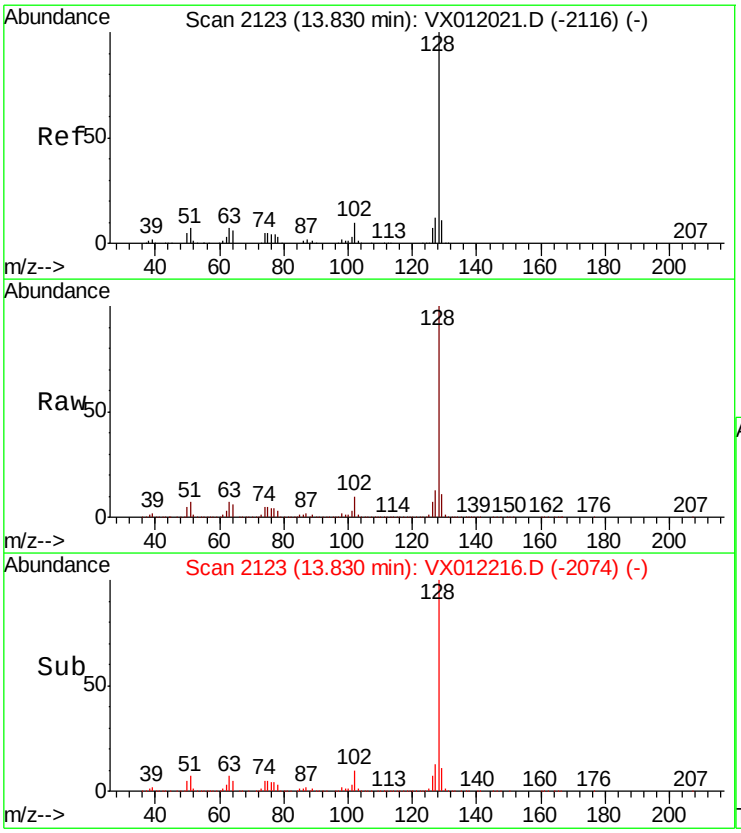
#92
1,2-Dibromo-3-Chloropropane
Concen: 3.480 ug/l
RT: 13.01 min Scan# 1989
Delta R.T. 0.02 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Instrument : MSVOA_X
ClientSampleId : HD-01-090519

Tgt Ion: 75 Resp: 1153

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.7	155.2#
157	0.0	66.9	200.7#





#95
Naphthalene
Concen: 164.657 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012216.D
Acq: 08 Sep 2019 12:01

Tgt Ion:128 Resp: 777469

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.2	8.8	13.2