Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009812.D
Acq On : 22 May 2019 18:17
Operator : JC/SP
Sample : K2977-15 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-FD-02

Quant Time: May 23 07:18:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277342	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116932	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.86%			
35) Dibromofluoromethane	5.50	113	84230	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.62%			
50) Toluene-d8	8.71	98	351967	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
62) 4-Bromofluorobenzene	11.13	95	119870	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.74%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.04	59	182	0.336	ug/l #	29
16) Acetone	2.44	43	17403	13.839	ug/l	97
18) Methyl Acetate	2.78	43	1258	0.421	ug/l	92
25) 2-Butanone	4.68	43	6041	3.091	ug/l	96
28) Bromochloromethane	5.00	49	19	Below Cal	#	20
29) Tetrahydrofuran	5.17	42	658	0.523	ug/l #	54
31) Cyclohexane	5.66	56	3896	1.125	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13463	5.224	ug/l #	51
37) Ethyl Acetate	4.68	43	6041	1.682	ug/l #	73
38) Carbon Tetrachloride	5.66	117	16539	7.063	ug/l #	17
67) Ethyl Benzene	10.25	91	7570	0.832	ug/l	94
68) m/p-Xylenes	10.36	106	19887	5.985	ug/l	97
69) o-Xylene	10.70	106	2308	0.704	ug/l	96
73) Isopropylbenzene	11.02	105	14526	1.794	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	61715	23.888	ug/l #	35
78) n-propylbenzene	11.36	91	27511	2.974	ug/l	99
79) 2-Chlorotoluene	11.43	91	7921	1.388	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	38183	5.599	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	61715	61.121	ug/l #	10
82) 4-Chlorotoluene	11.51	91	4106	0.637	ug/l #	46
83) tert-Butylbenzene	11.77	119	1766	0.266	ug/l	77
84) 1,2,4-Trimethylbenzene	11.80	105	231101	33.762	ug/l	99
85) sec-Butylbenzene	11.94	105	8401	1.068	ug/l	94
86) p-Isopropyltoluene	12.06	119	5574	0.788	ug/l	89
89) n-Butylbenzene	12.38	91	6322	0.989	ug/l #	41
90) Hexachloroethane	12.61	117	1217	1.010	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.02	75	162	0.239	ug/l #	2
95) Naphthalene	13.83	128	20055	2.470	ug/l	99

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

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Instrument :
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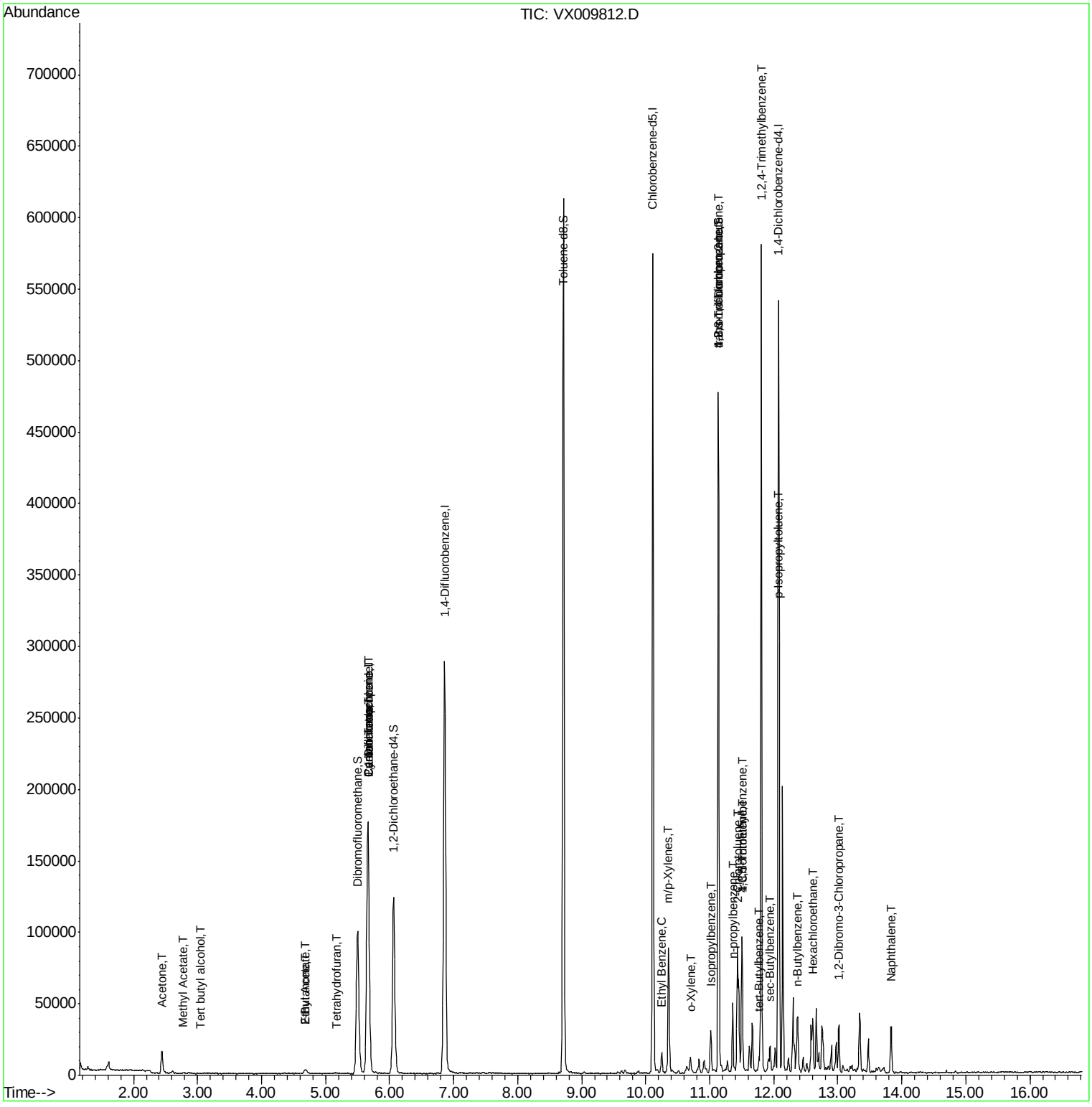
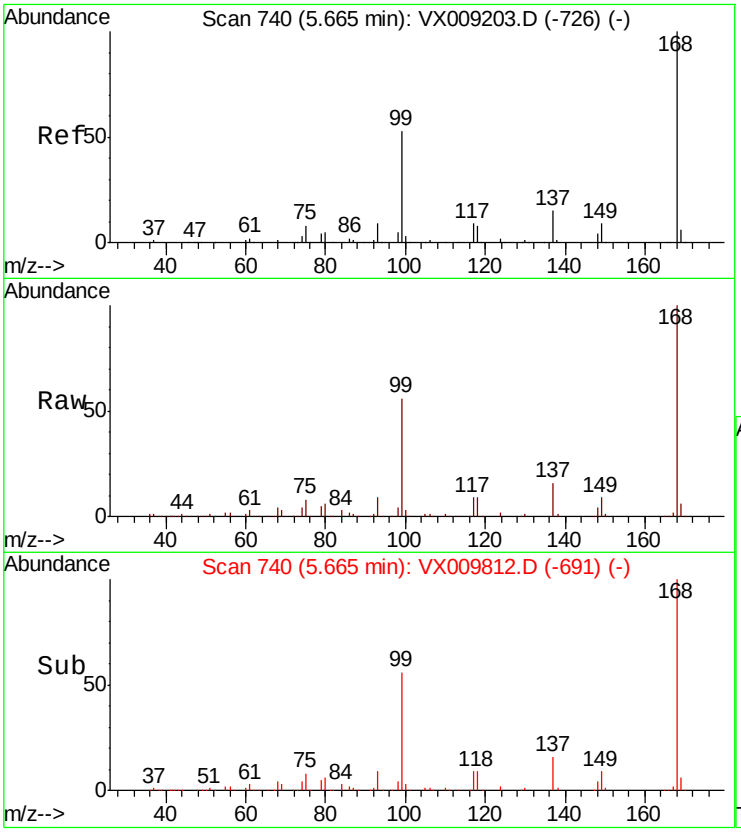
EP1-PZ-FD-02

Quant Time: May 23 07:18:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



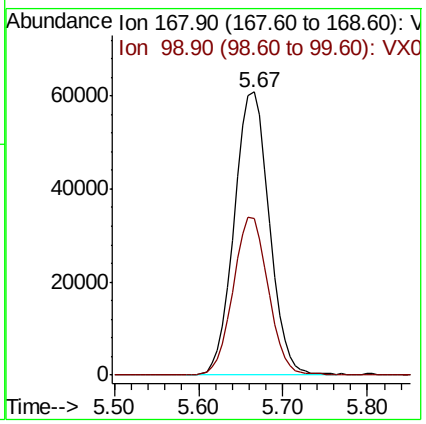


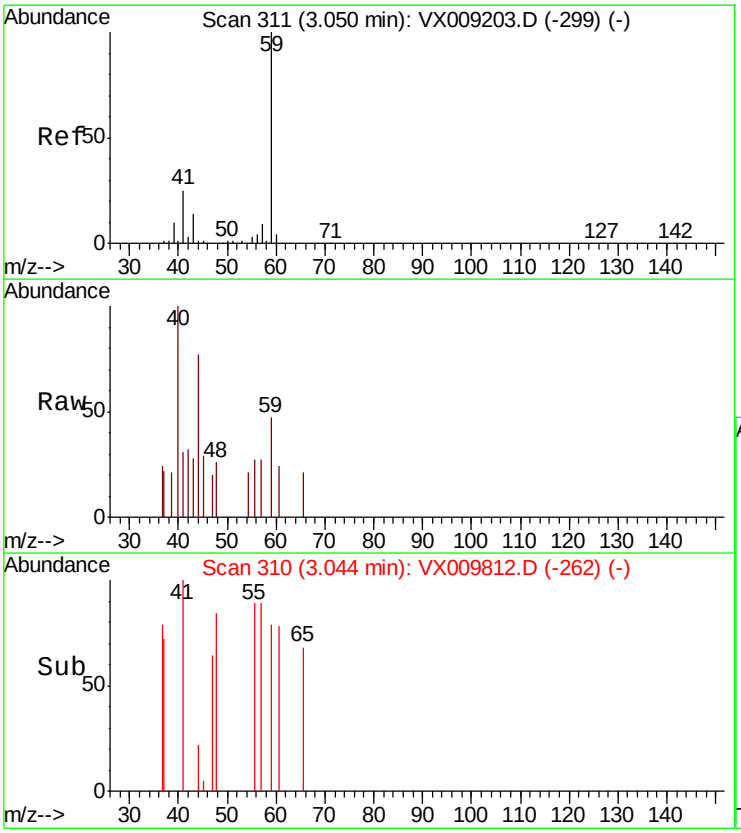
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion:168 Resp: 171560

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.3	63.5

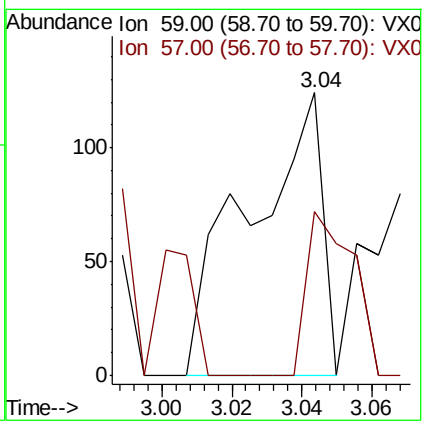


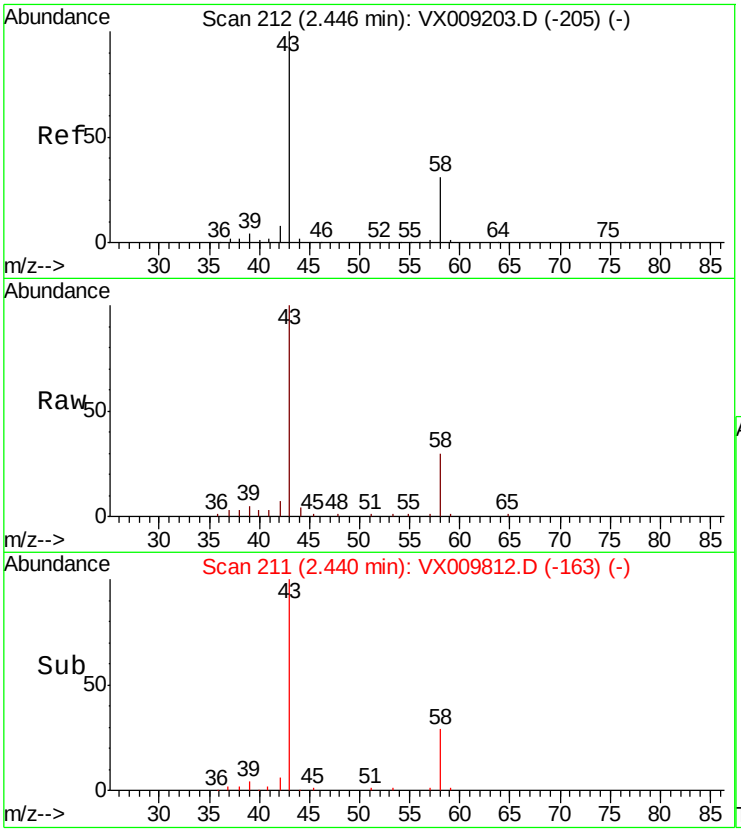


#11
Tert butyl alcohol
Concen: 0.336 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion: 59 Resp: 182

Ion	Ratio	Lower	Upper
59	100		
57	36.8	8.2	12.2#



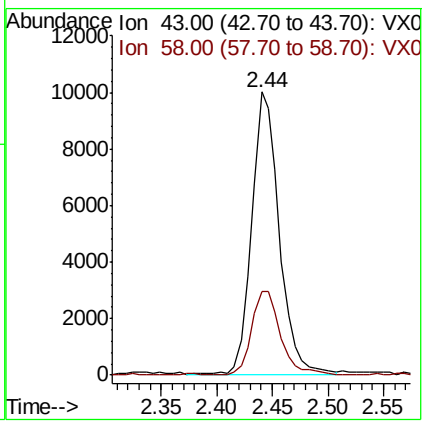


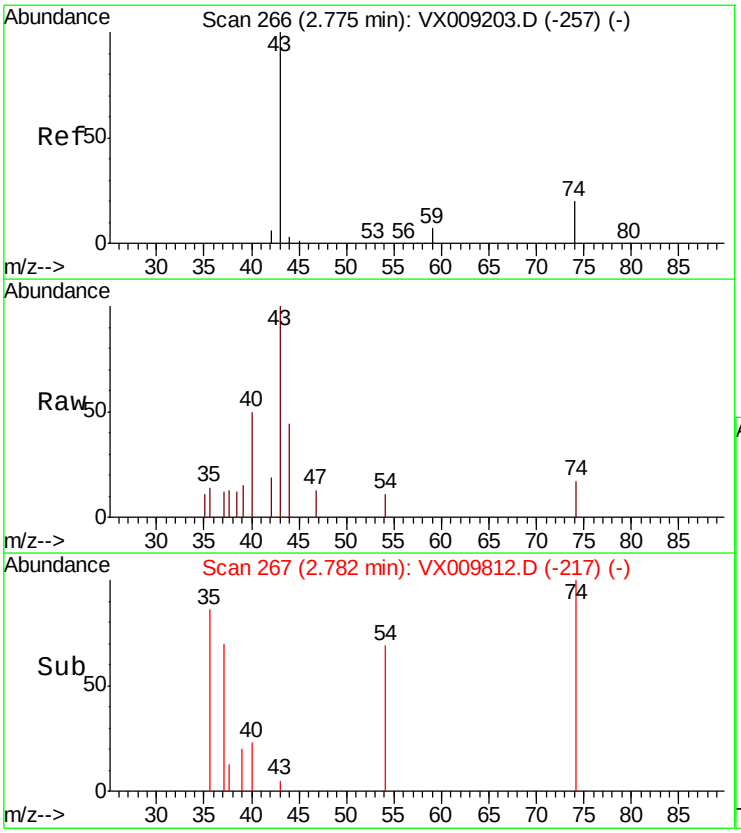
#16
Acetone
Concen: 13.839 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion: 43 Resp: 17403

Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.9	37.3

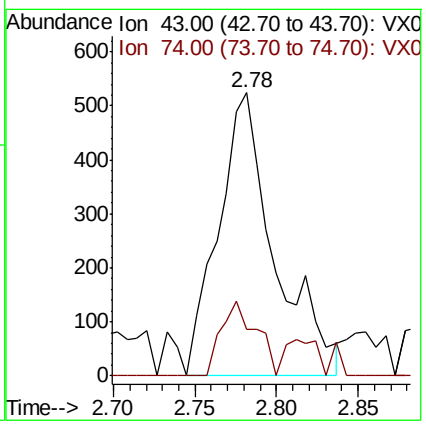


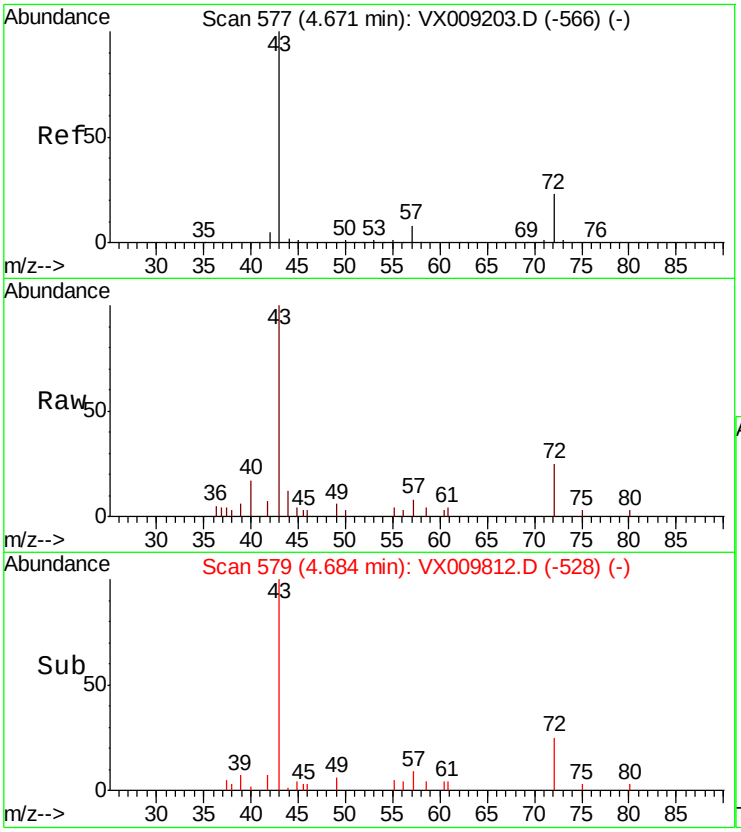


#18
Methyl Acetate
Concen: 0.421 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion: 43 Resp: 1258

Ion	Ratio	Lower	Upper
43	100		
74	16.5	16.2	24.4



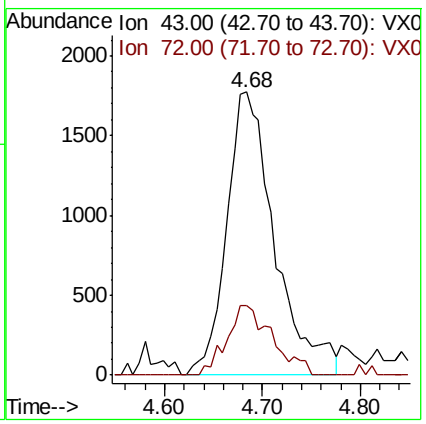


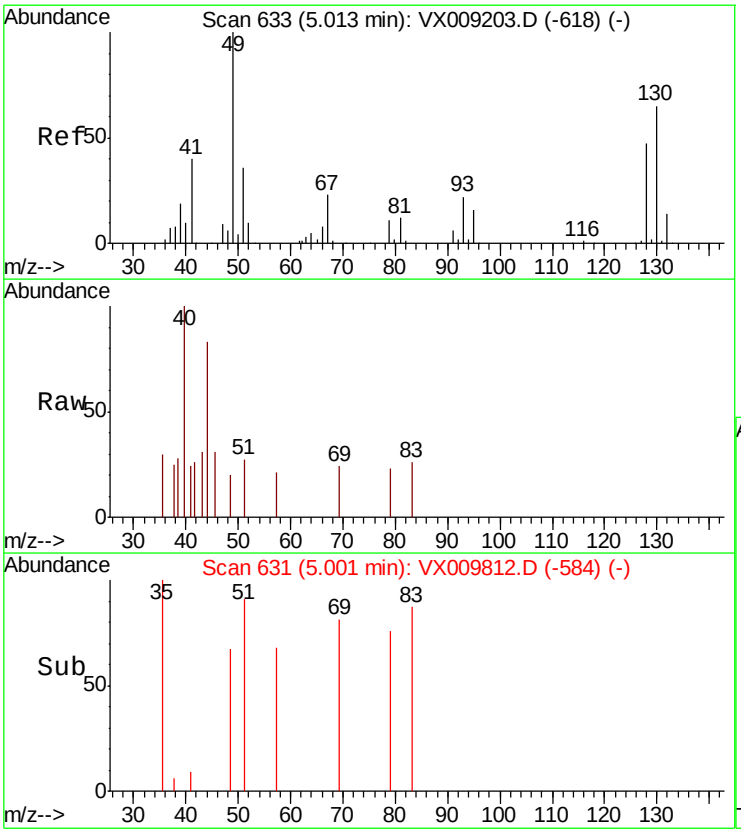
#25
2-Butanone
Concen: 3.091 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion: 43 Resp: 6041

Ion	Ratio	Lower	Upper
43	100		
72	24.6	18.2	27.2

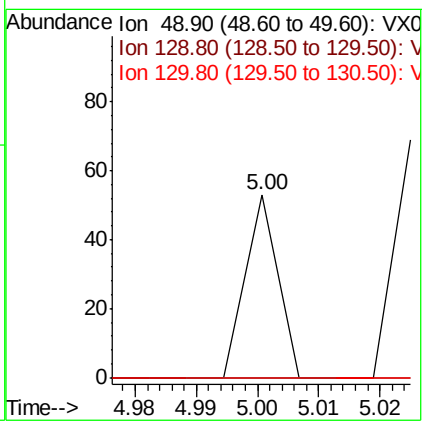


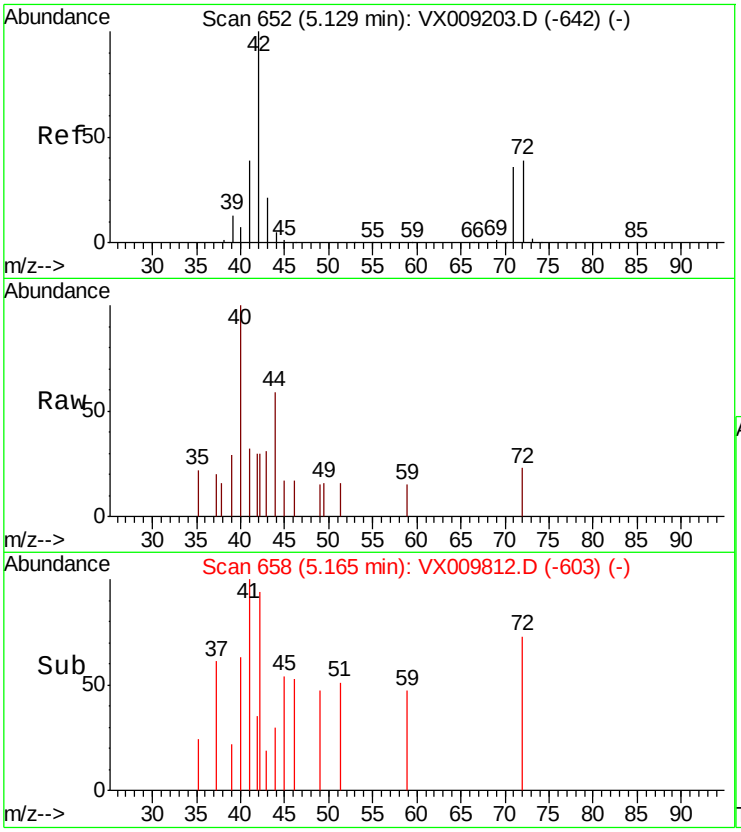


#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion: 49 Resp: 19

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



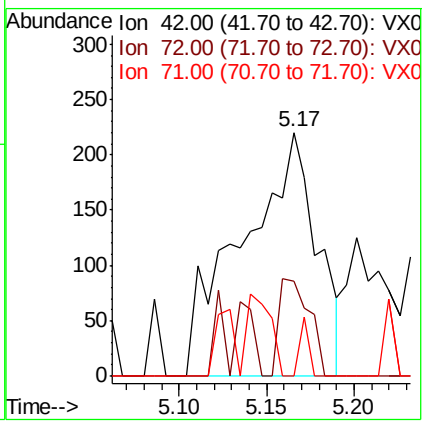


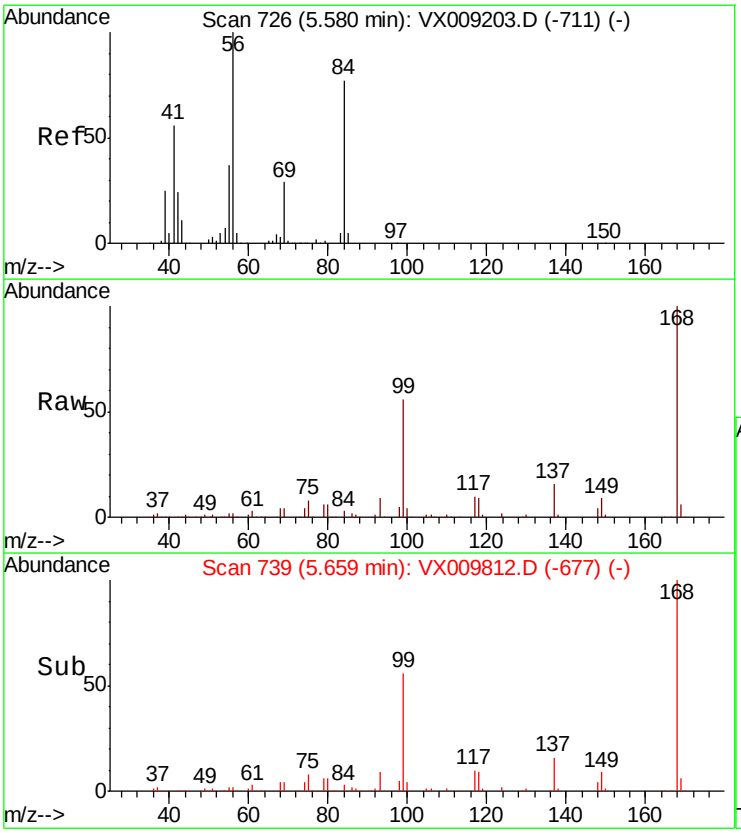
#29
Tetrahydrofuran
Concen: 0.523 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.04 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-FD-02

Tgt Ion: 42 Resp: 658

Ion	Ratio	Lower	Upper
42	100		
72	16.1	30.4	45.6#
71	2.9	28.6	43.0#

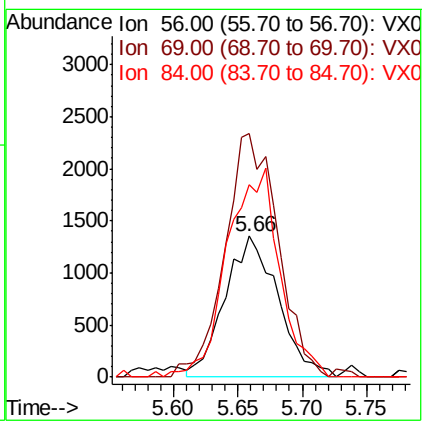


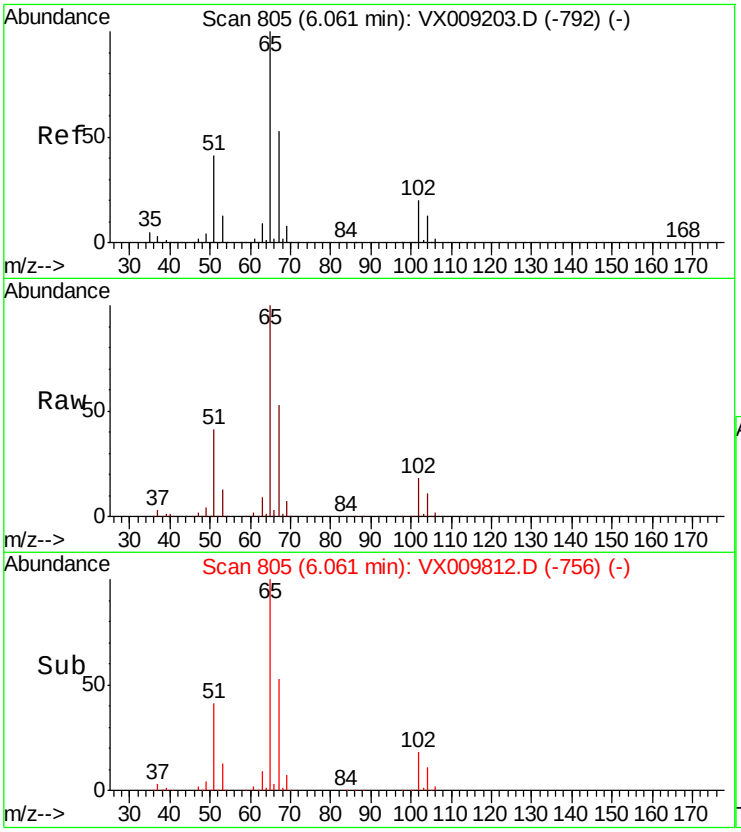


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion: 56 Resp: 3896

Ion	Ratio	Lower	Upper
56	100		
69	166.9	23.4	35.0#
84	136.3	61.9	92.9#



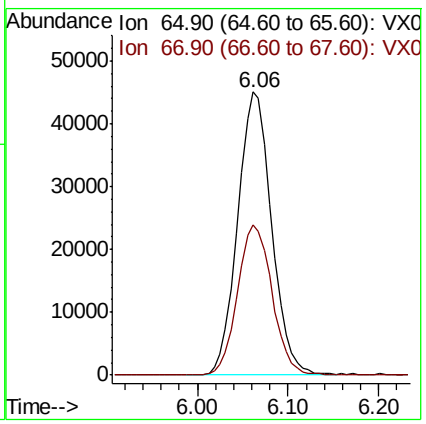


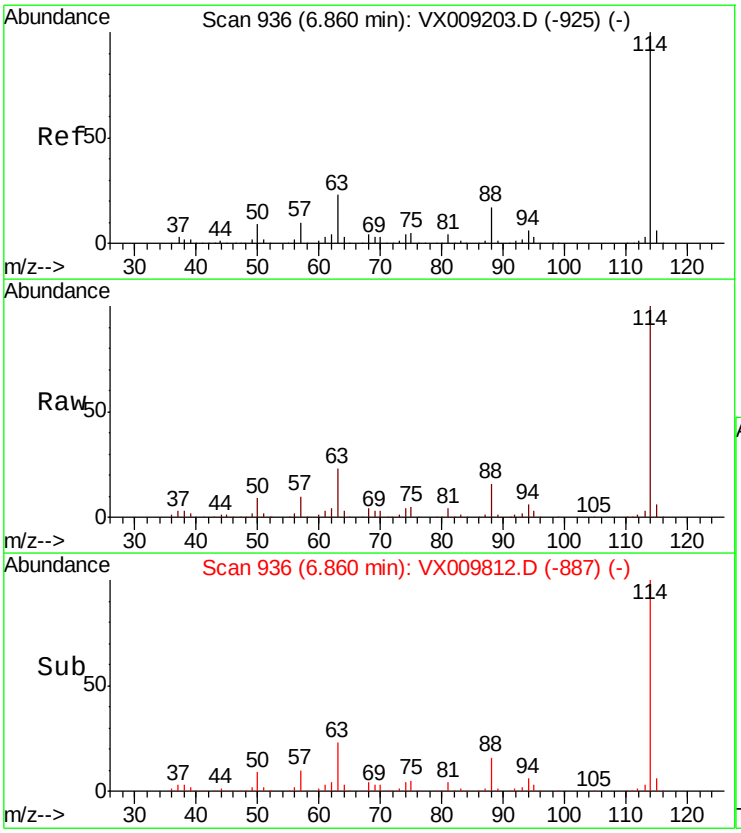
#33
1,2-Dichloroethane-d4
Concen: 49.928 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion: 65 Resp: 116932

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.6

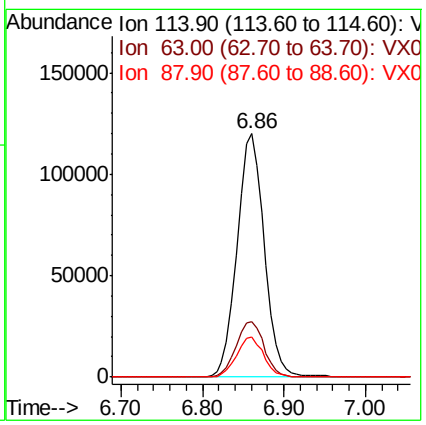


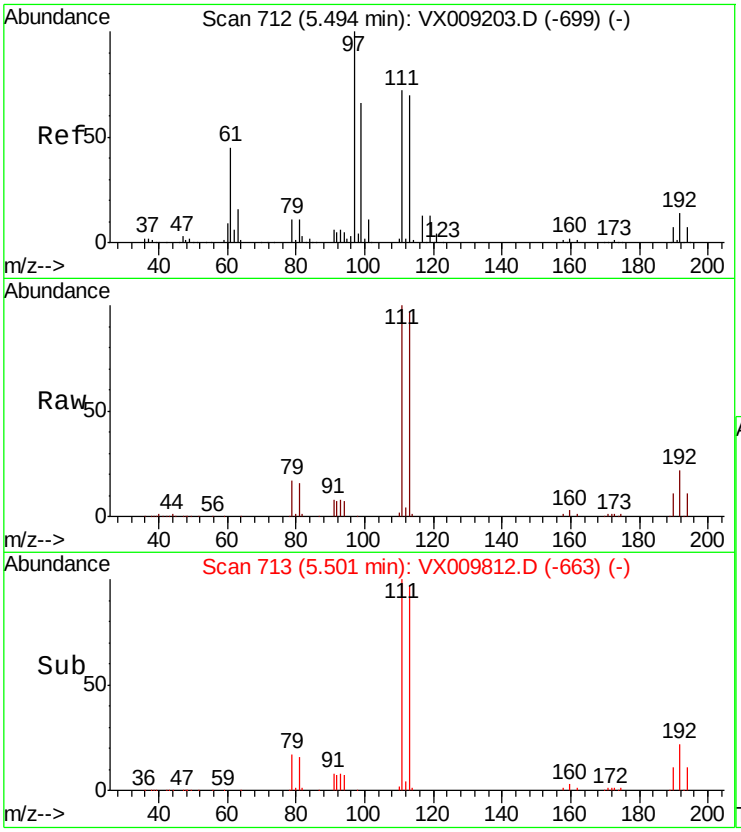


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion:114 Resp: 277342

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.6
88	16.3	0.0	33.2



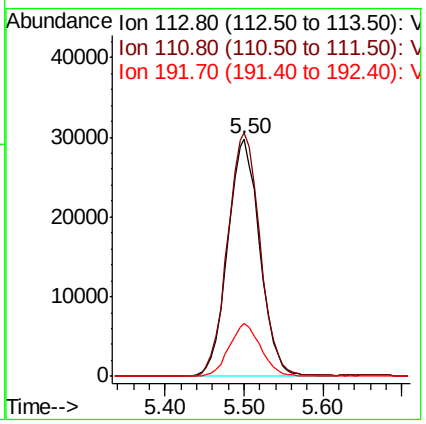


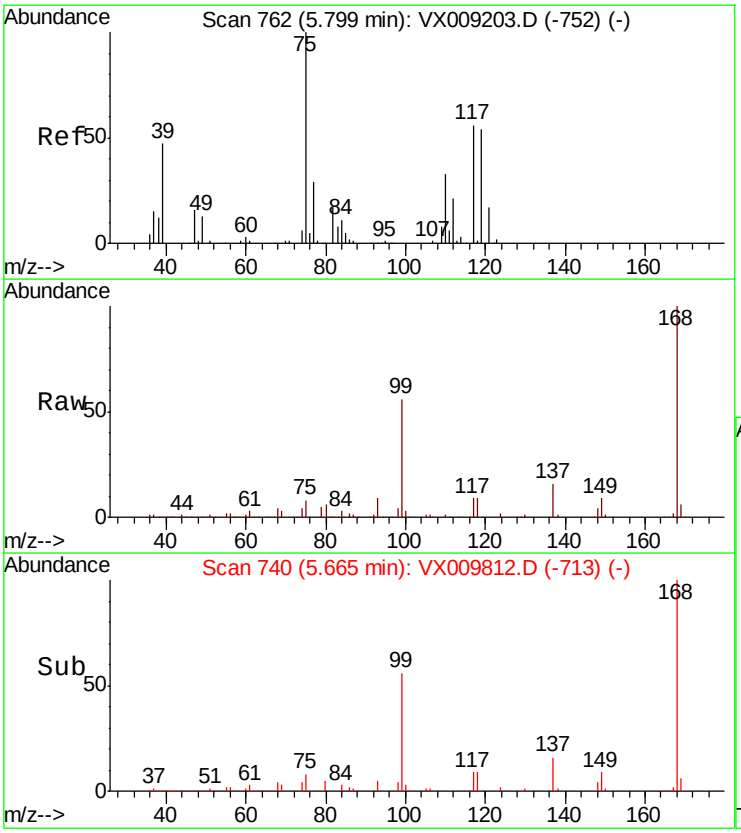
#35
Dibromofluoromethane
Concen: 48.311 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion:113 Resp: 84230

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	22.0	17.0	25.6

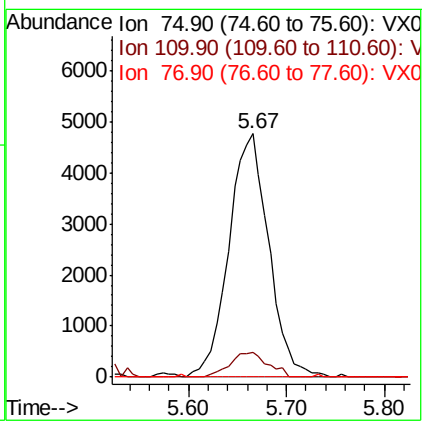


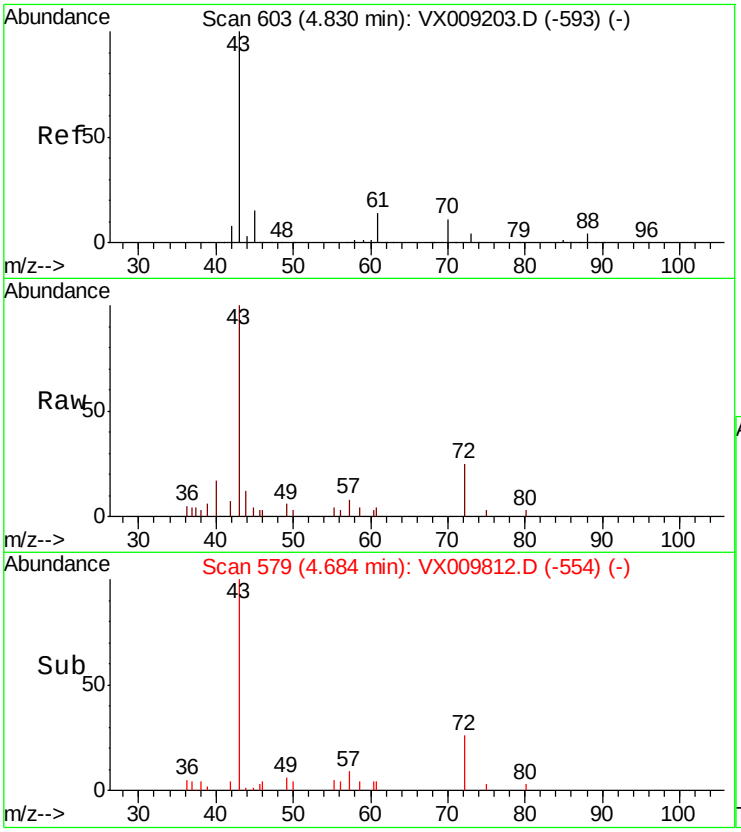


#36
1,1-Dichloropropene
Concen: 5.224 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion: 75 Resp: 13463

Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.9	50.6#
77	0.0	24.8	37.2#



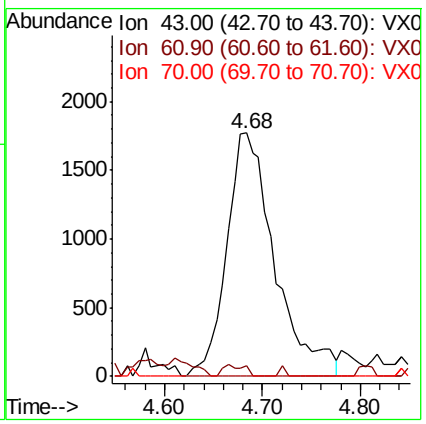


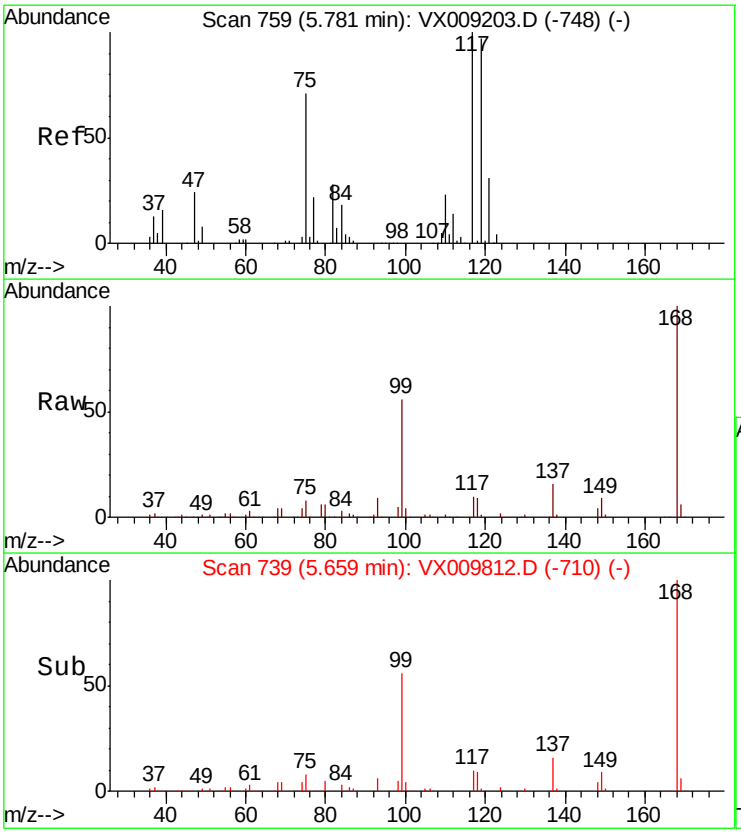
#37
Ethyl Acetate
Concen: 1.682 ug/l
RT: 4.68 min Scan# 579
Delta R.T. -0.15 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-FD-02

Tgt Ion: 43 Resp: 6041

Ion	Ratio	Lower	Upper
43	100		
61	2.0	10.5	15.7#
70	0.0	7.9	11.9#

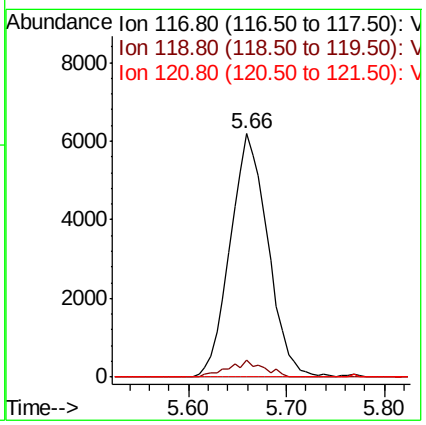


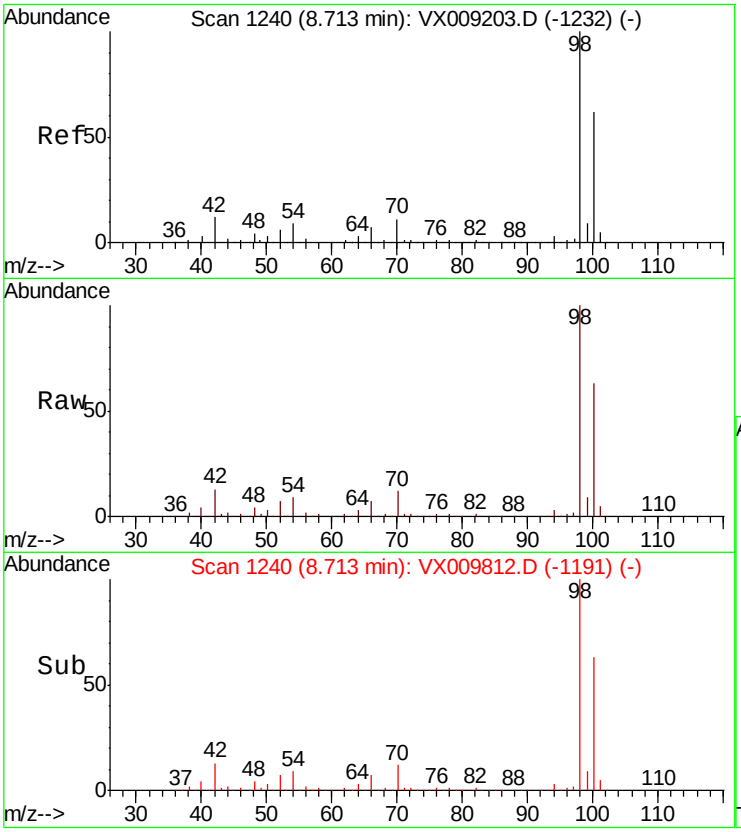


#38
Carbon Tetrachloride
Concen: 7.063 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion:117 Resp: 16539

Ion	Ratio	Lower	Upper
117	100		
119	7.2	77.5	116.3#
121	0.0	24.7	37.1#



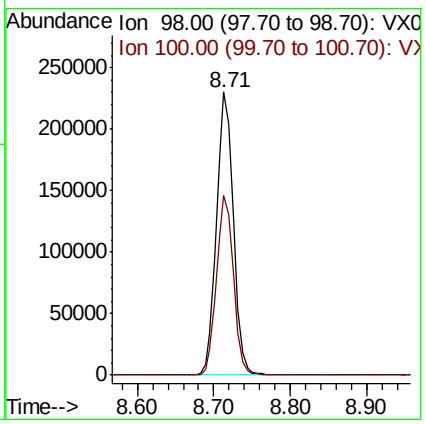


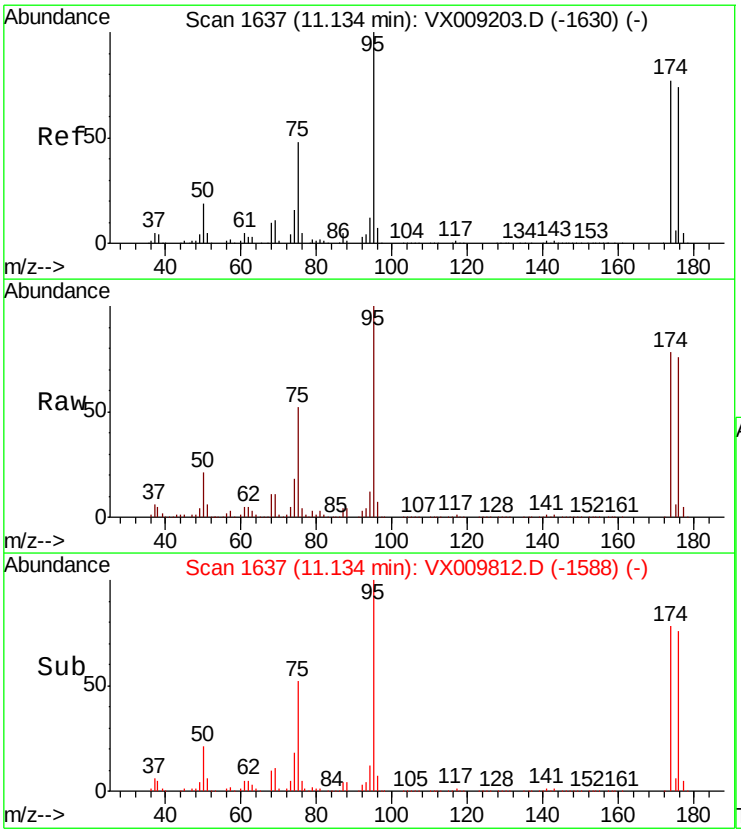
#50
Toluene-d8
Concen: 50.003 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion: 98 Resp: 351967

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8

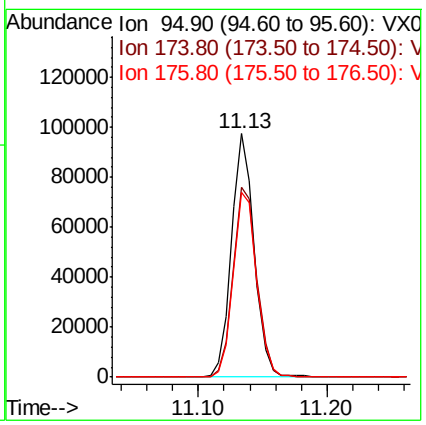


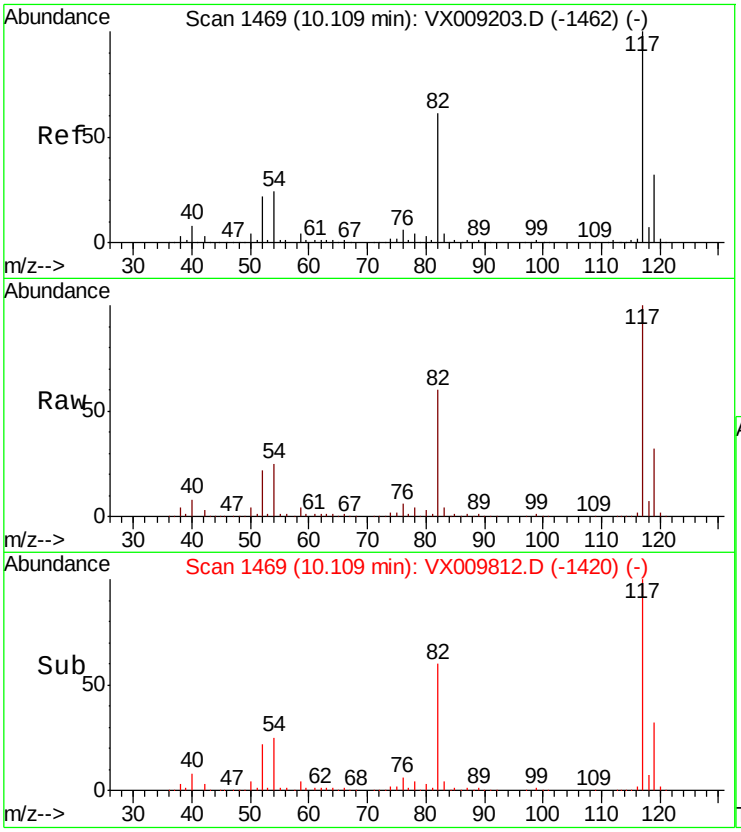


#62
4-Bromofluorobenzene
Concen: 46.867 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion: 95 Resp: 119870

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	161.6
176	78.9	0.0	159.2



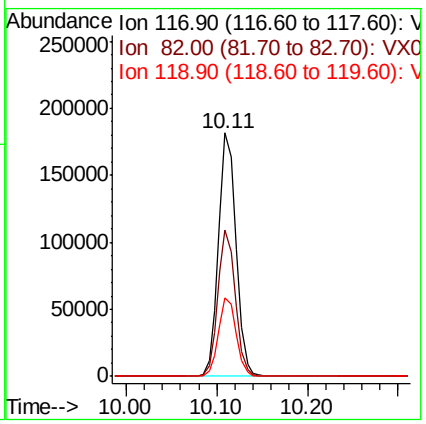


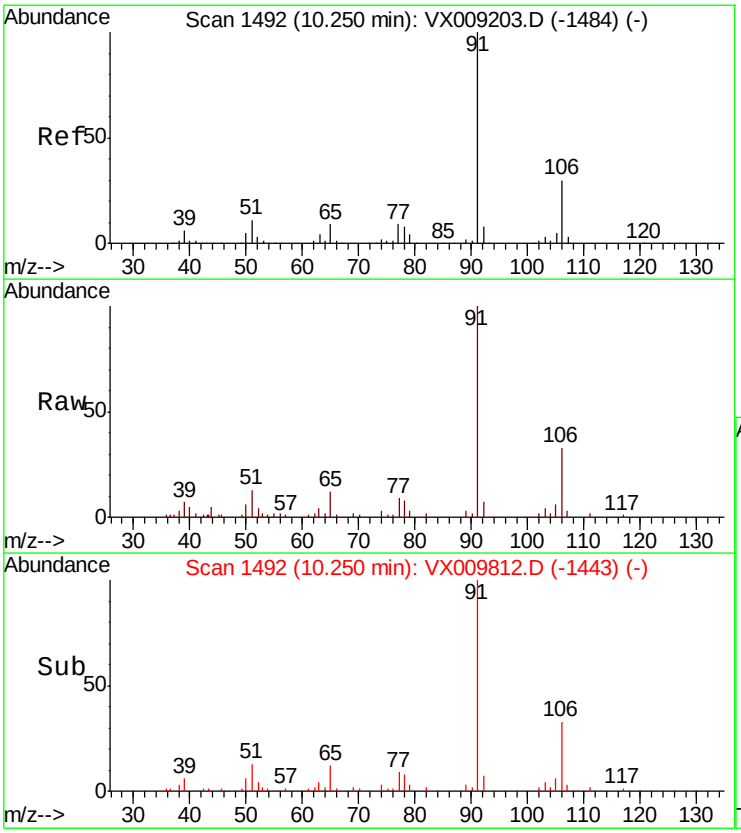
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-FD-02

Tgt Ion:117 Resp: 247001

Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.8	73.2
119	32.1	25.8	38.6

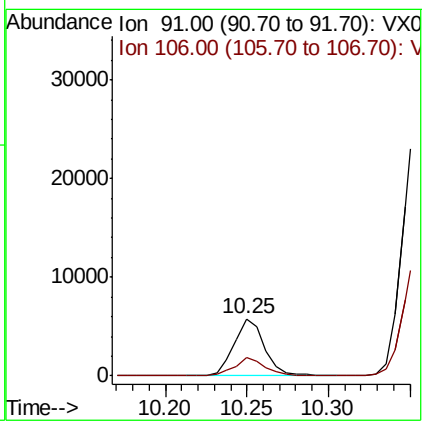


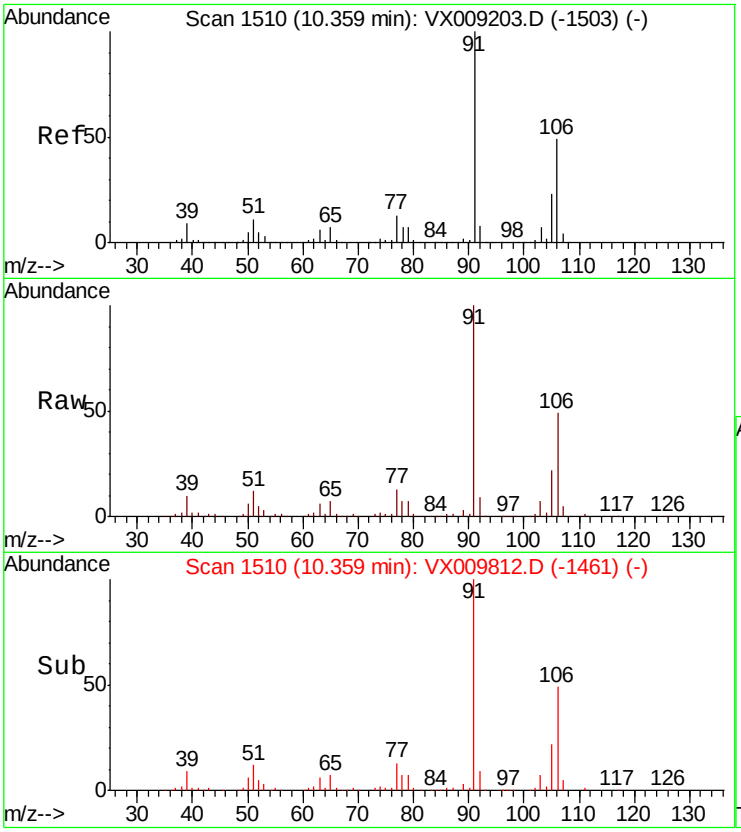


#67
Ethyl Benzene
Concen: 0.832 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion: 91 Resp: 7570

Ion	Ratio	Lower	Upper
91	100		
106	33.3	24.0	36.0



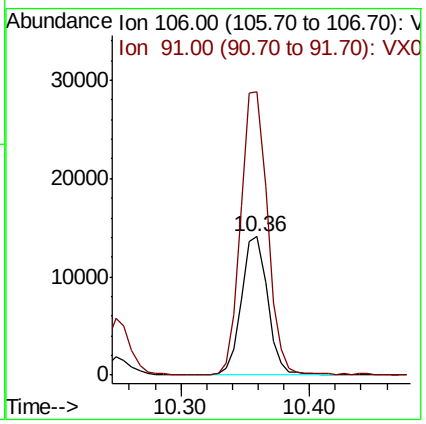


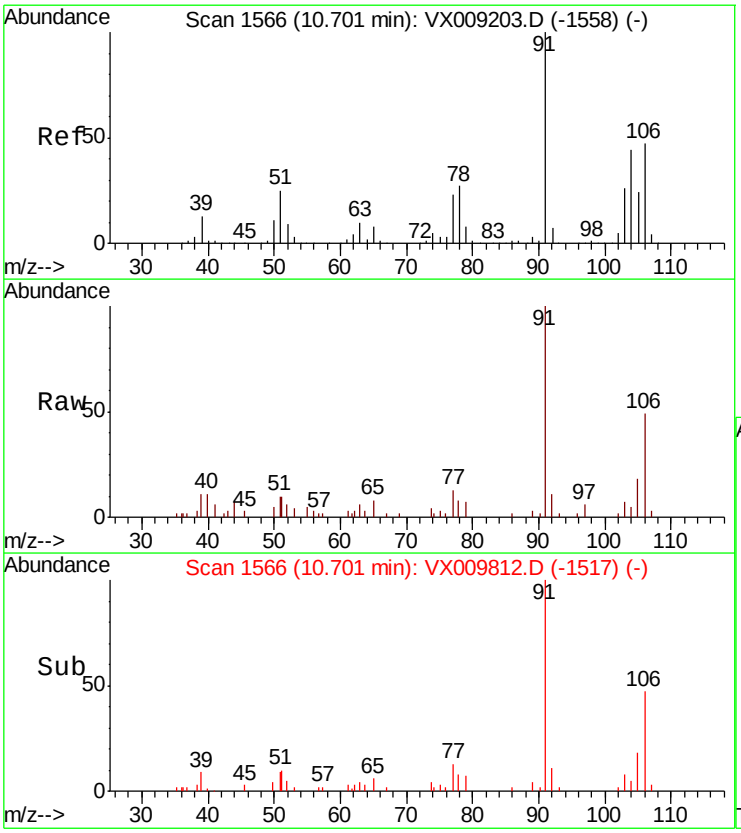
#68
m/p-Xylenes
Concen: 5.985 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion:106 Resp: 19887

Ion	Ratio	Lower	Upper
106	100		
91	209.4	164.0	246.0

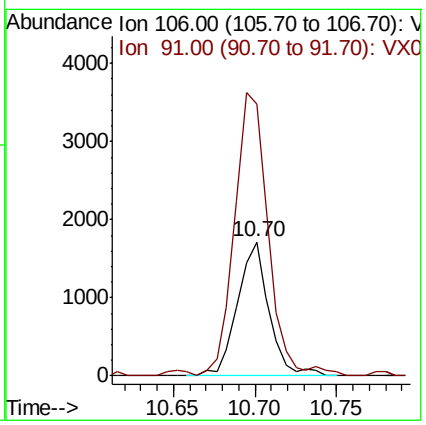


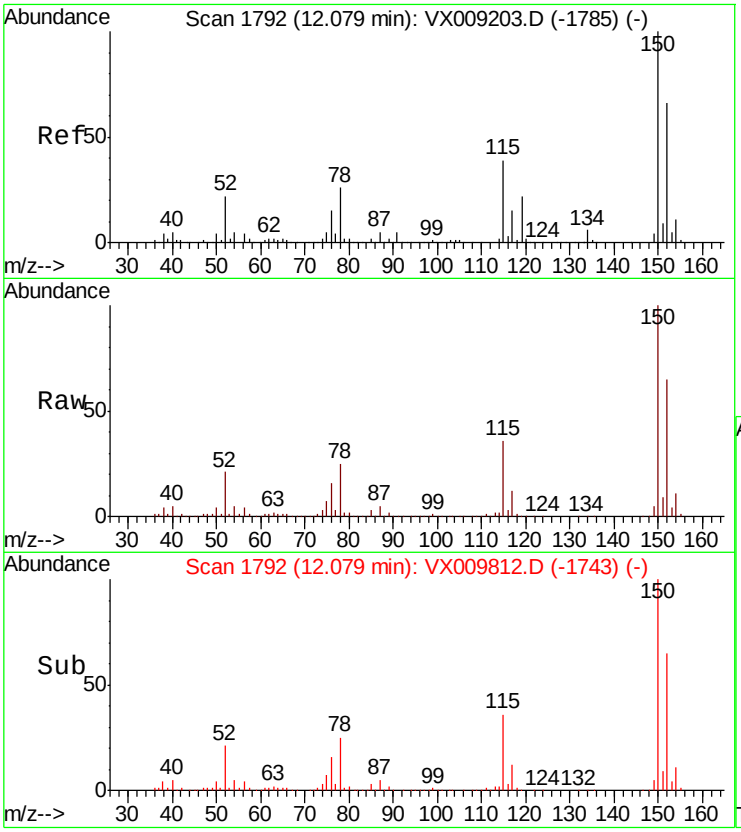


#69
o-Xylene
Concen: 0.704 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion:106 Resp: 2308

Ion	Ratio	Lower	Upper
106	100		
91	225.8	109.5	328.4



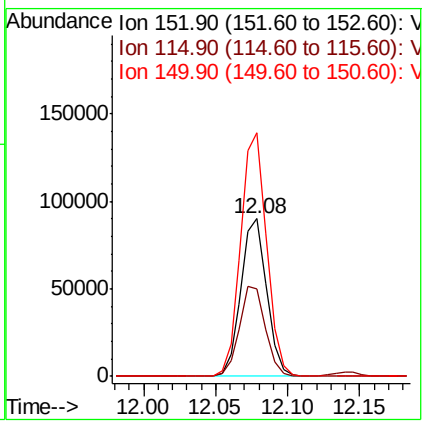


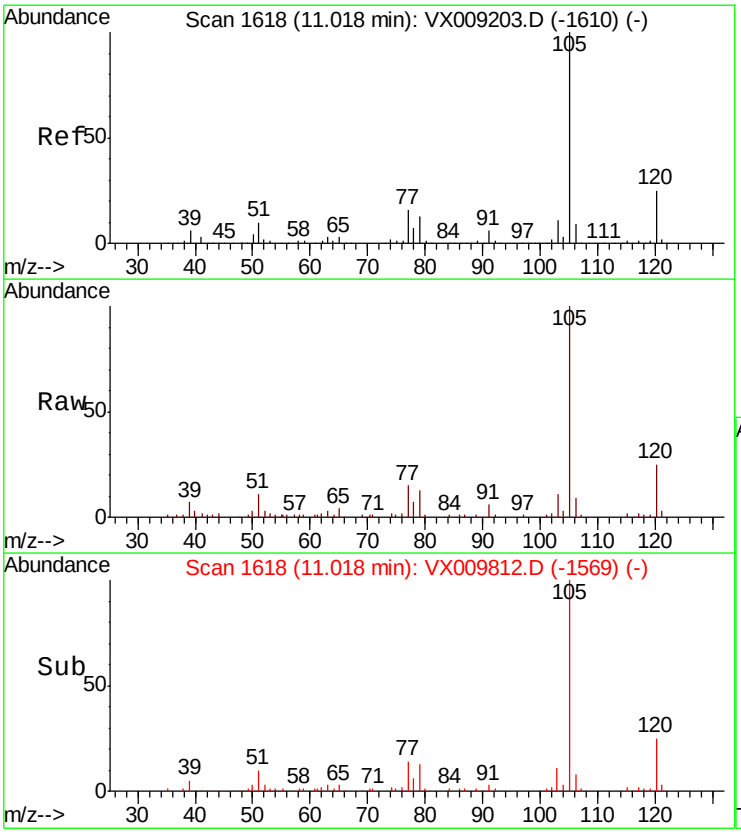
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion:152 Resp: 111375

Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.2	123.6
150	155.0	0.0	346.4

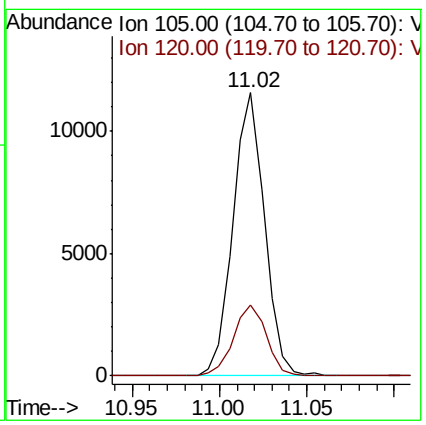


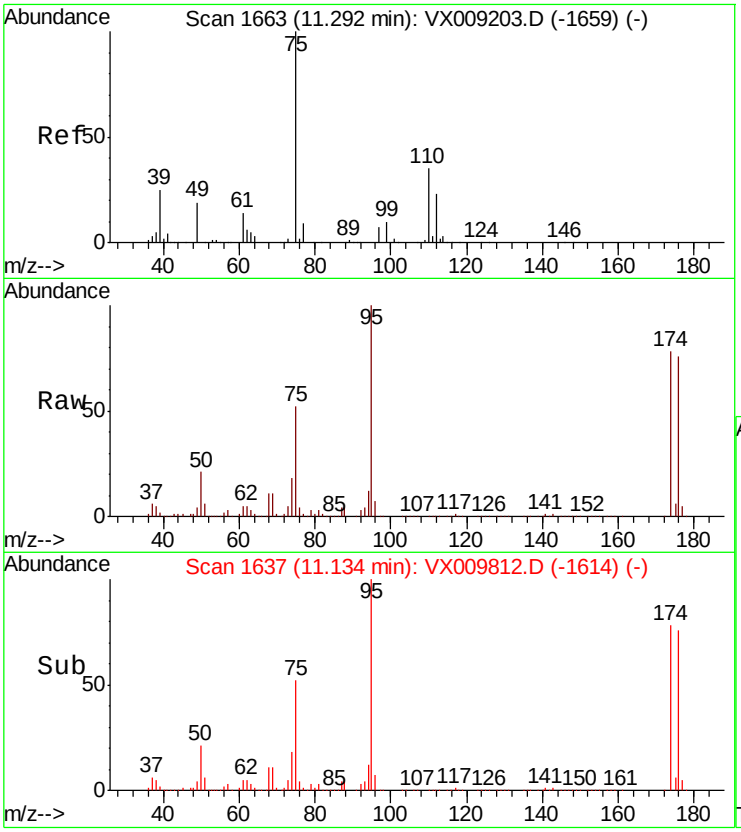


#73
Isopropylbenzene
Concen: 1.794 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion:105 Resp: 14526

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.3



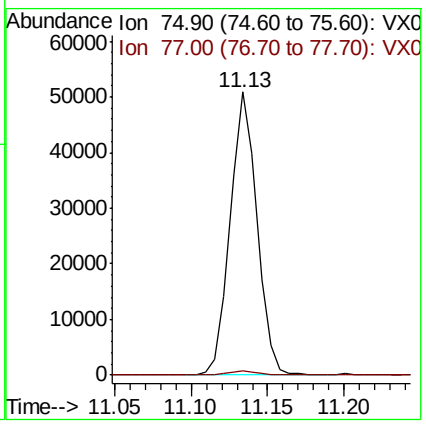


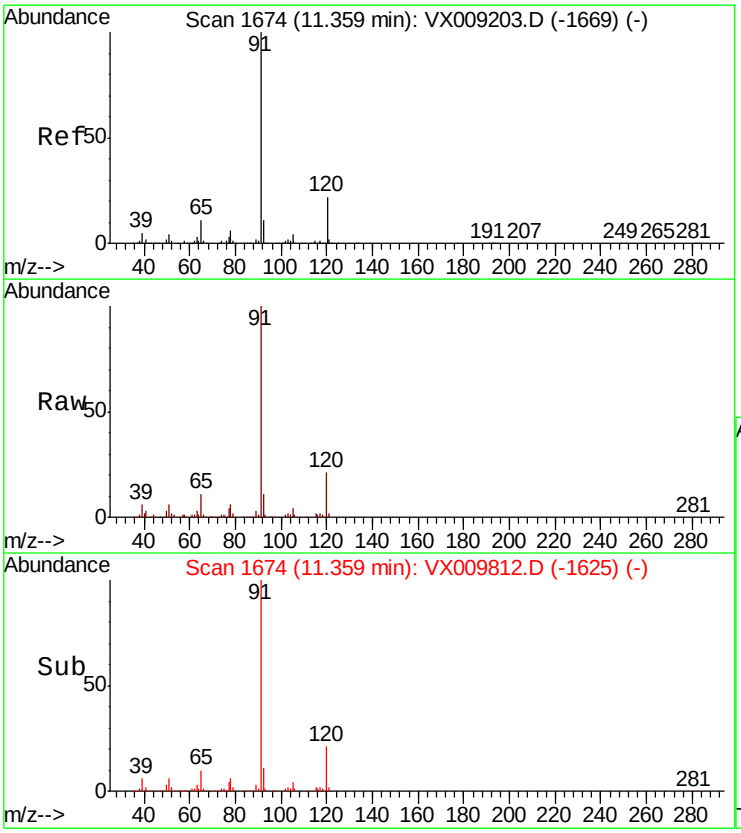
#76
1,2,3-Trichloropropane
Concen: 23.888 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion: 75 Resp: 61715

Ion	Ratio	Lower	Upper
75	100		
77	1.7	22.1	66.1#

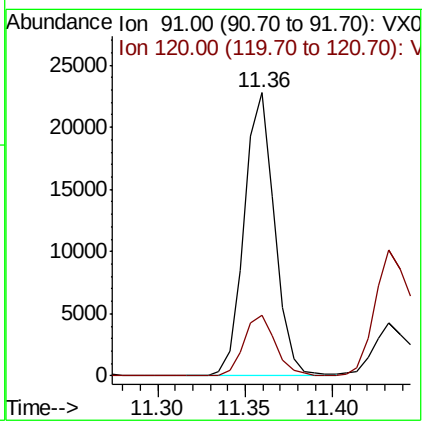


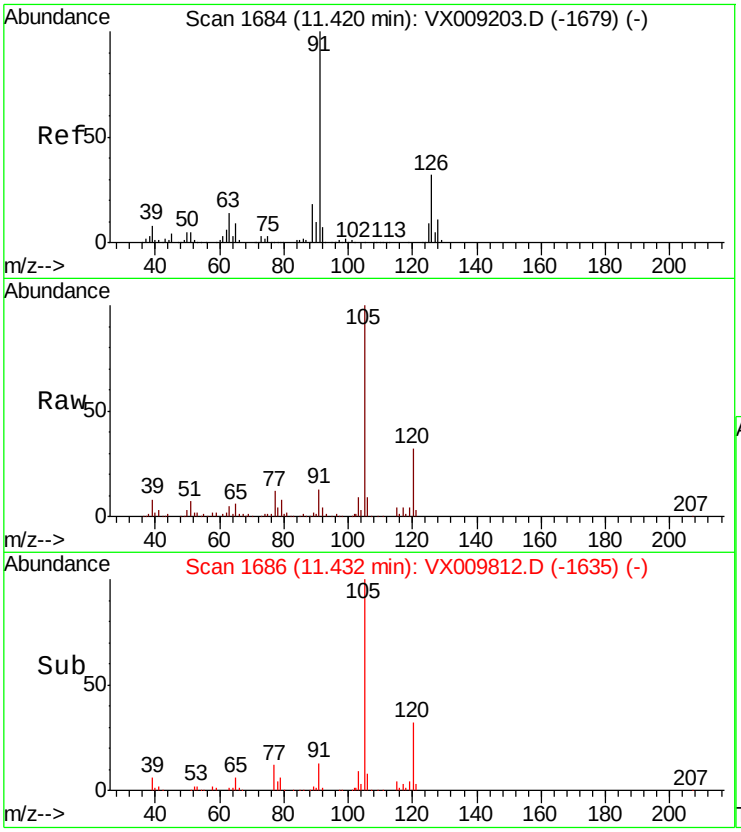


#78
n-propylbenzene
Concen: 2.974 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion: 91 Resp: 27511

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0



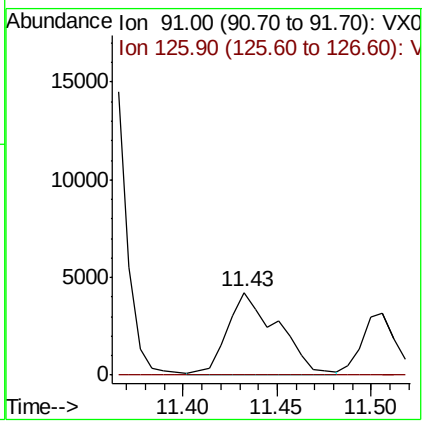


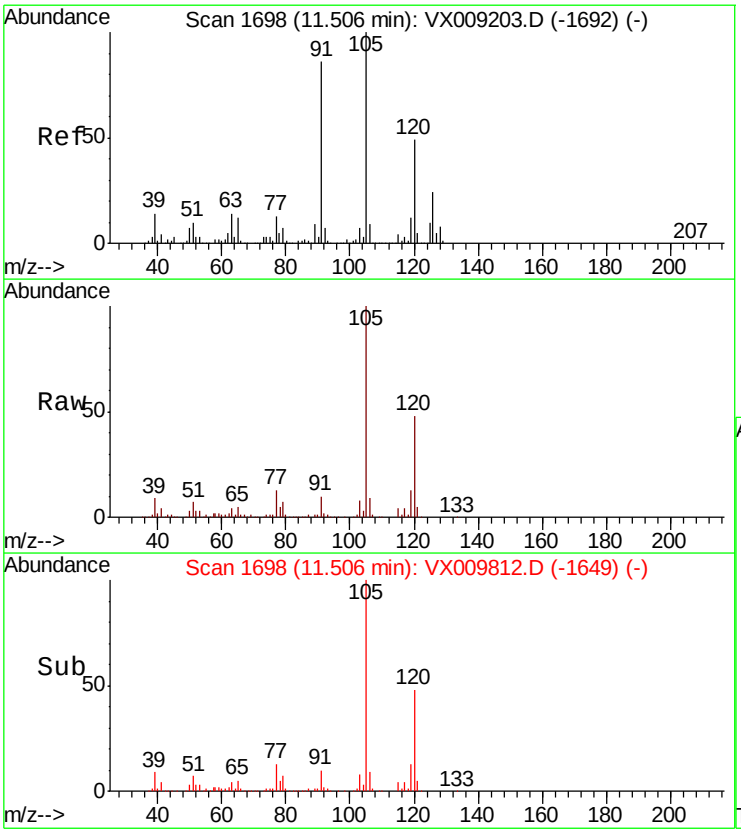
#79
2-Chlorotoluene
Concen: 1.388 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-FD-02

Tgt Ion: 91 Resp: 7921

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.3	48.9#

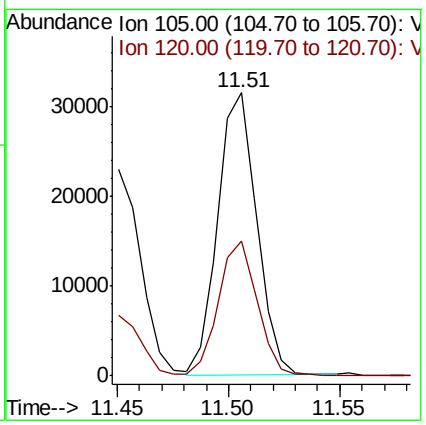


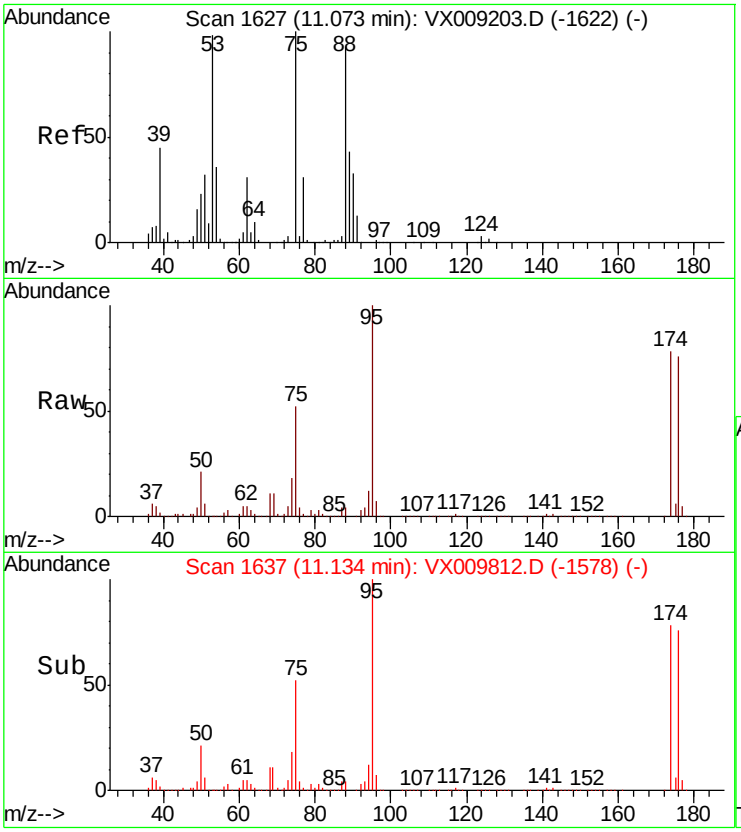


#80
1,3,5-Trimethylbenzene
Concen: 5.599 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion:105 Resp: 38183

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.3	72.9



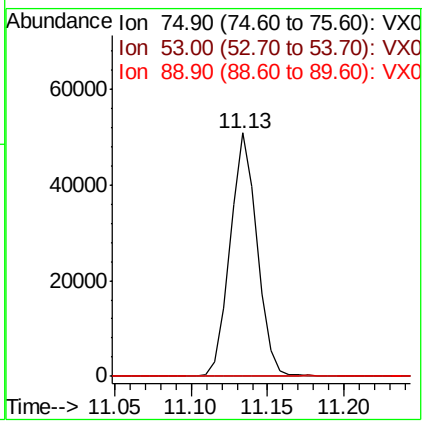


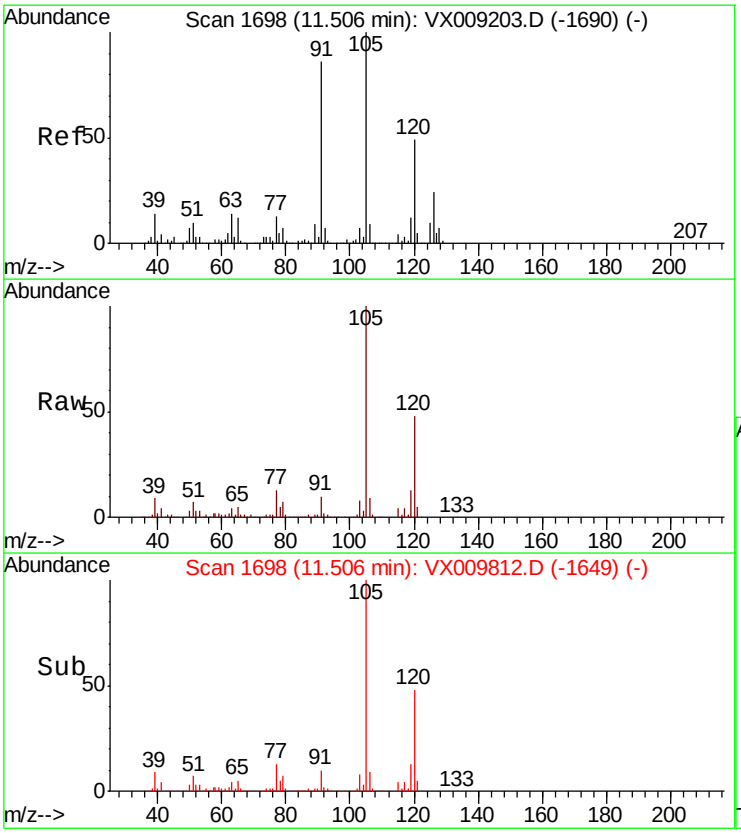
#81
trans-1,4-Dichloro-2-butene
Concen: 61.121 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion: 75 Resp: 61715

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.0	118.6#
89	0.1	34.7	52.1#

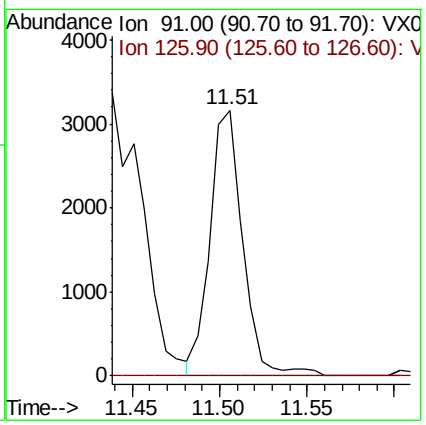


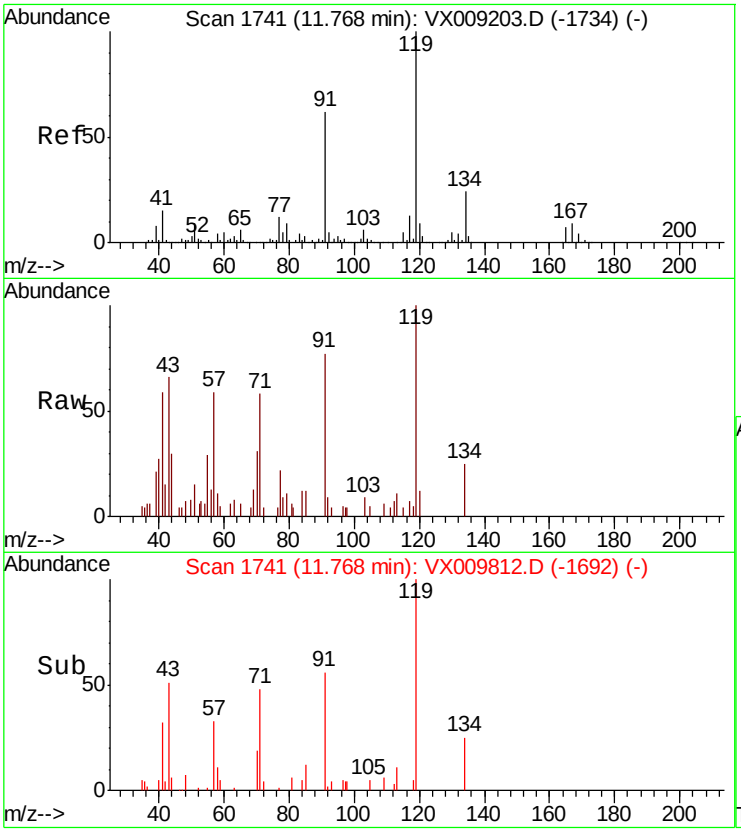


#82
4-Chlorotoluene
Concen: 0.637 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion: 91 Resp: 4106

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.5	43.6#



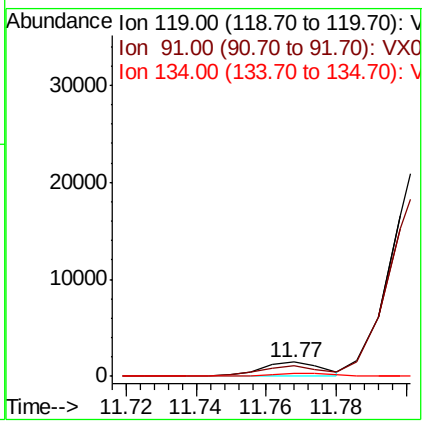


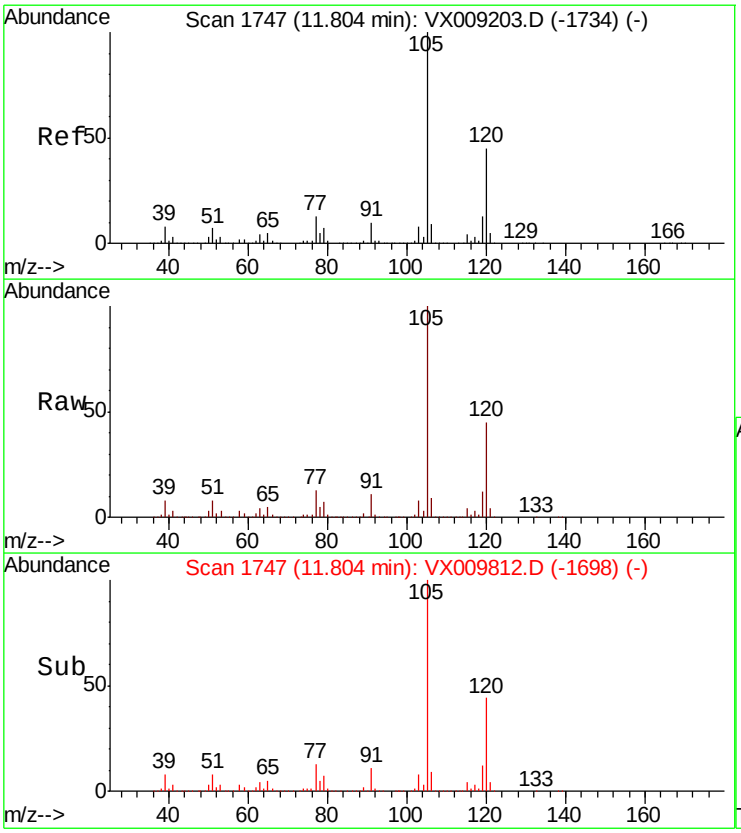
#83
tert-Butylbenzene
Concen: 0.266 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument : MSVOA_X
ClientSampleId : EP1-PZ-FD-02

Tgt Ion:119 Resp: 1766

Ion	Ratio	Lower	Upper
119	100		
91	79.8	29.5	88.5
134	27.2	11.4	34.1

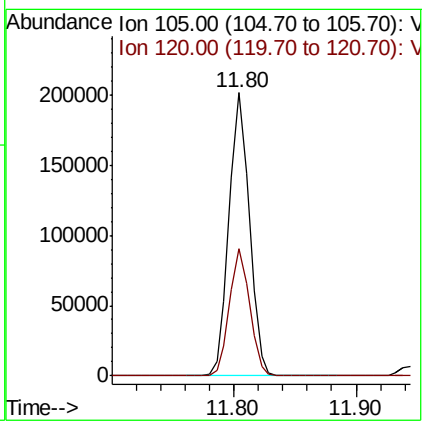


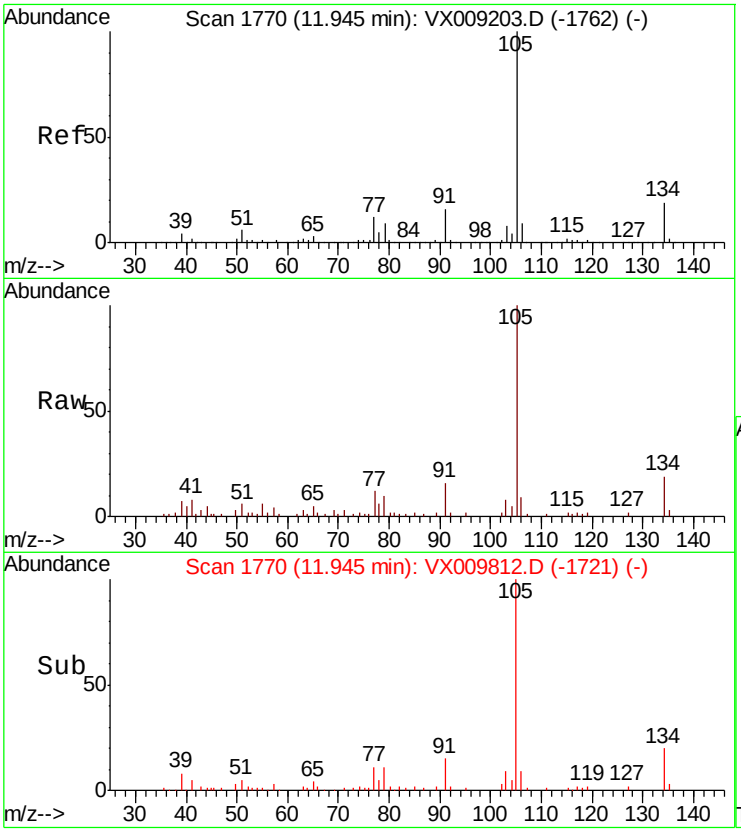


#84
1,2,4-Trimethylbenzene
Concen: 33.762 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion:105 Resp: 231101

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.0	66.0



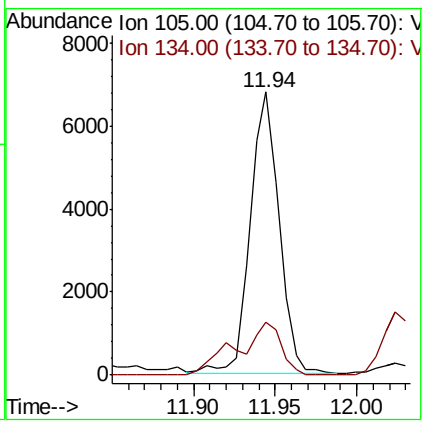


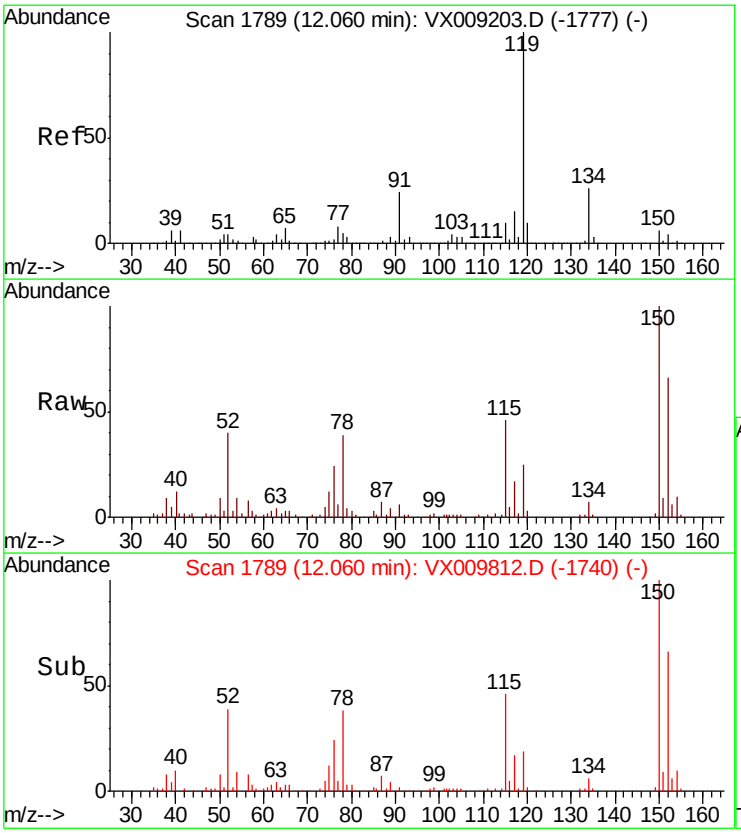
#85
sec-Butylbenzene
Concen: 1.068 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion:105 Resp: 8401

Ion	Ratio	Lower	Upper
105	100		
134	16.7	9.7	28.9

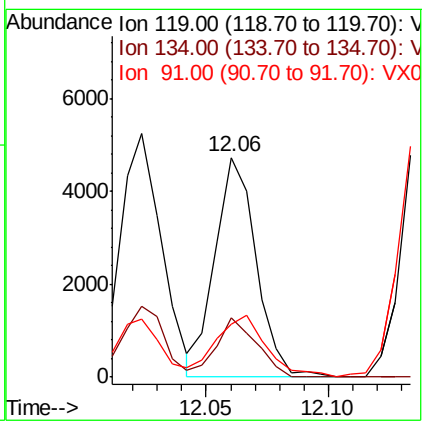


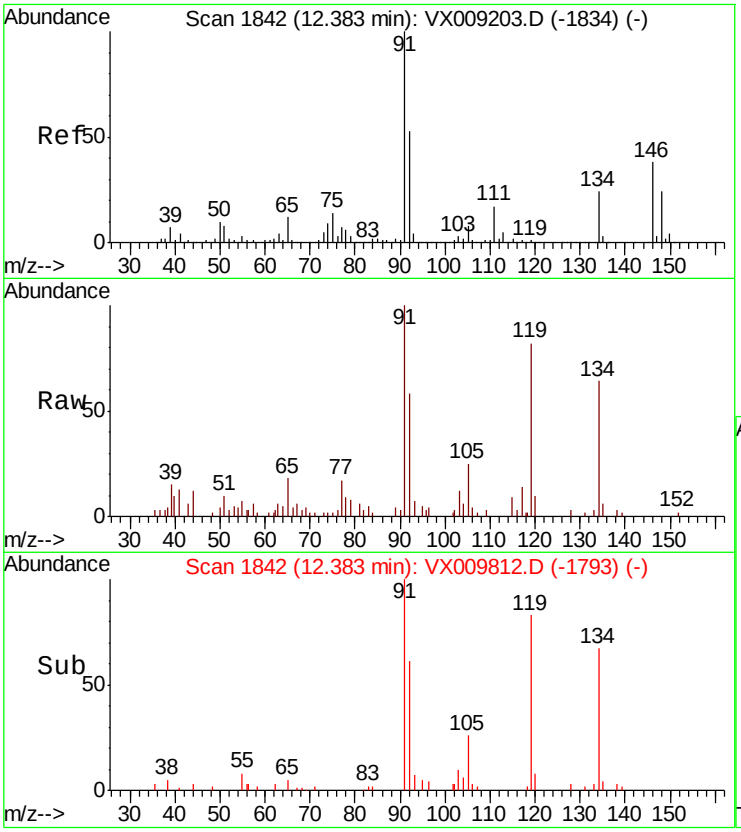


#86
p-Isopropyltoluene
Concen: 0.788 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion:119 Resp: 5574

Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.9	38.7
91	34.6	11.8	35.4



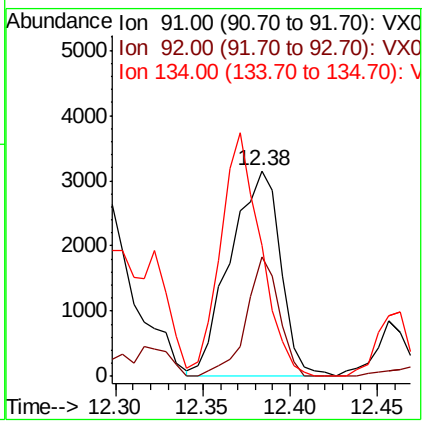


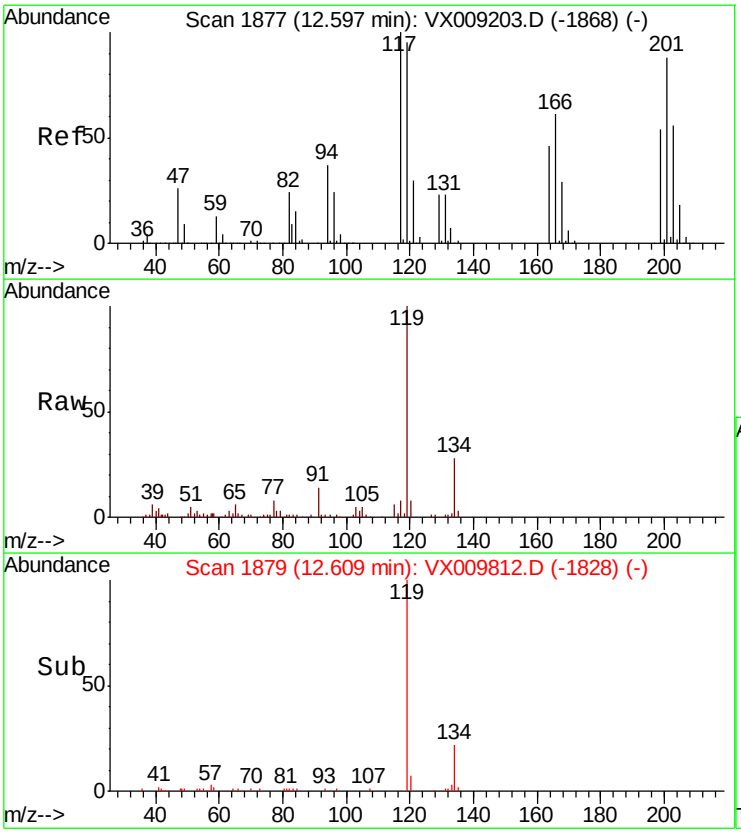
#89
n-Butylbenzene
Concen: 0.989 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion: 91 Resp: 6322

Ion	Ratio	Lower	Upper
91	100		
92	37.9	26.5	79.5
134	94.5	12.4	37.2#

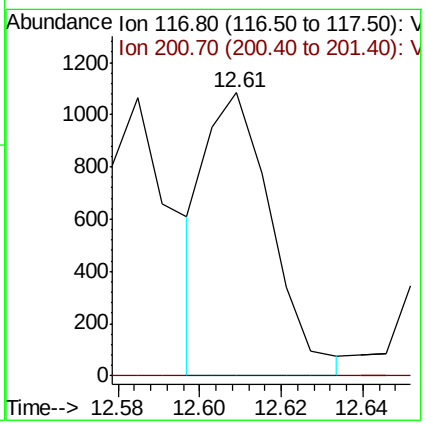


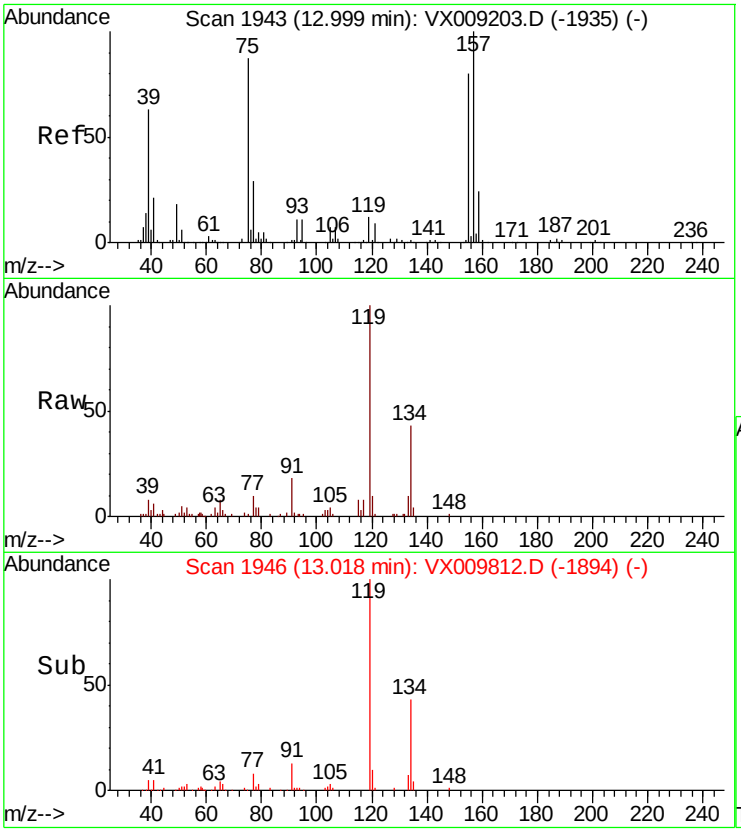


#90
Hexachloroethane
Concen: 1.010 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion:117 Resp: 1217

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.3	126.9#



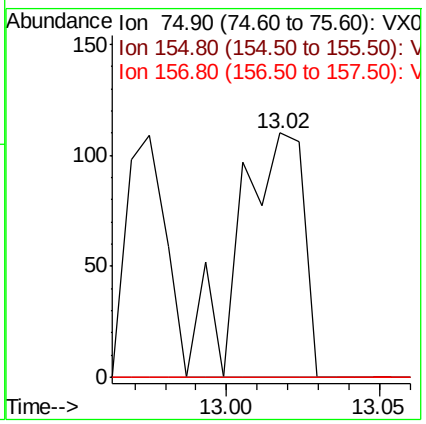


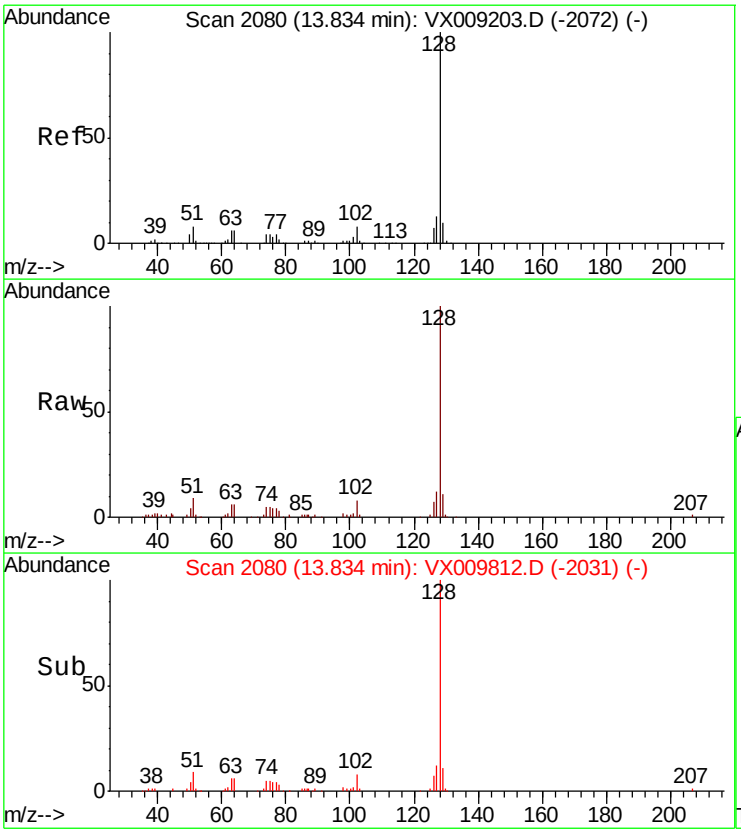
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.239 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-FD-02

Tgt Ion: 75 Resp: 162

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.0	126.0#
157	0.0	53.2	159.6#





#95
Naphthalene
Concen: 2.470 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009812.D
Acq: 22 May 2019 18:17

Tgt Ion:128 Resp: 20055

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	11.5	8.6	13.0