Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004651.D
Acq On : 18 Sep 2018 12:15
Operator : JC/MD
Sample : J4898-02 50X
Misc : 9.01g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Sep 18 15:23:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334930	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135050	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.60%			
35) Dibromofluoromethane	5.51	113	124133	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.00%			
50) Toluene-d8	8.71	98	417693	40.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.28%			
62) 4-Bromofluorobenzene	11.14	95	150410	41.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.00%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	602	0.226	ug/l #	72
5) Bromomethane	1.65	94	1055	Below Cal		89
10) Methyl Iodide	2.52	142	760	4.510	ug/l #	92
11) Tert butyl alcohol	3.02	59	923	1.455	ug/l #	72
13) Acrolein	2.29	56	97	0.387	ug/l #	1
15) Acrylonitrile	3.14	53	311	0.204	ug/l #	62
16) Acetone	2.44	43	581	0.448	ug/l	99
18) Methyl Acetate	2.78	43	773	0.212	ug/l	94
29) Tetrahydrofuran	5.16	42	521	0.418	ug/l #	78
31) Cyclohexane	5.66	56	3268	0.850	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13071	3.215	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17960	4.522	ug/l #	15
40) Benzene	6.14	78	38153	3.162	ug/l	99
52) Toluene	8.79	92	28968	4.075	ug/l	97
67) Ethyl Benzene	10.26	91	16643	1.446	ug/l	100
68) m/p-Xylenes	10.36	106	18171	4.099	ug/l	96
69) o-Xylene	10.70	106	6620	1.553	ug/l	97
70) Styrene	10.71	104	2874	0.407	ug/l #	67
76) 1,2,3-Trichloropropane	11.14	75	71371	21.005	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	7453	0.797	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	71371	66.953	ug/l #	10
83) tert-Butylbenzene	12.02	119	2287	0.257	ug/l	71
84) 1,2,4-Trimethylbenzene	11.81	105	16619	1.741	ug/l	100
85) sec-Butylbenzene	11.81	105	16619	1.465	ug/l #	55
92) 1,2-Dibromo-3-Chloropropan	13.02	75	568	0.741	ug/l #	1
95) Naphthalene	13.83	128	918278	79.644	ug/l	99

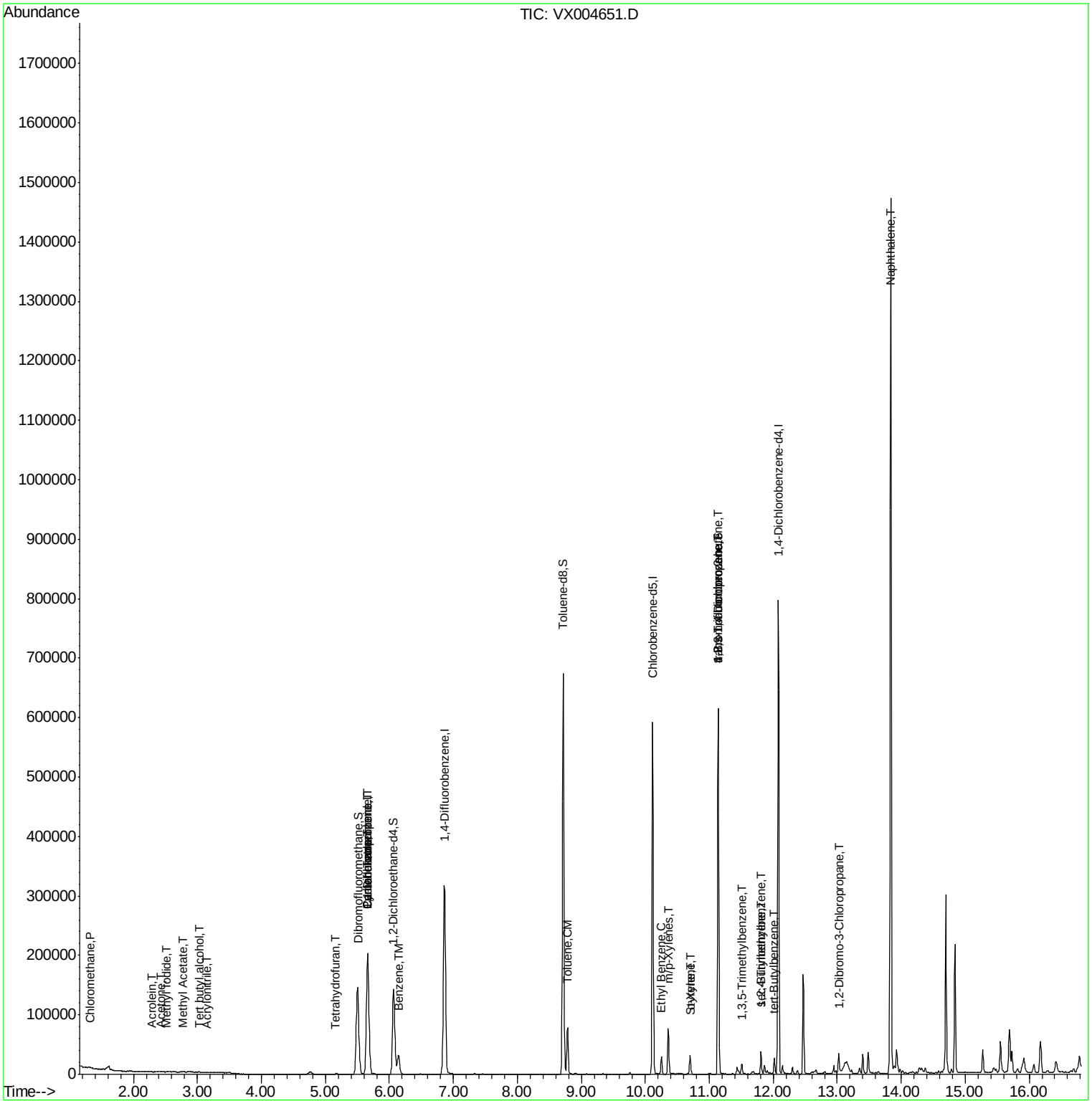
(#) = qualifier out of range (m) = manual integration (+) = signals summed

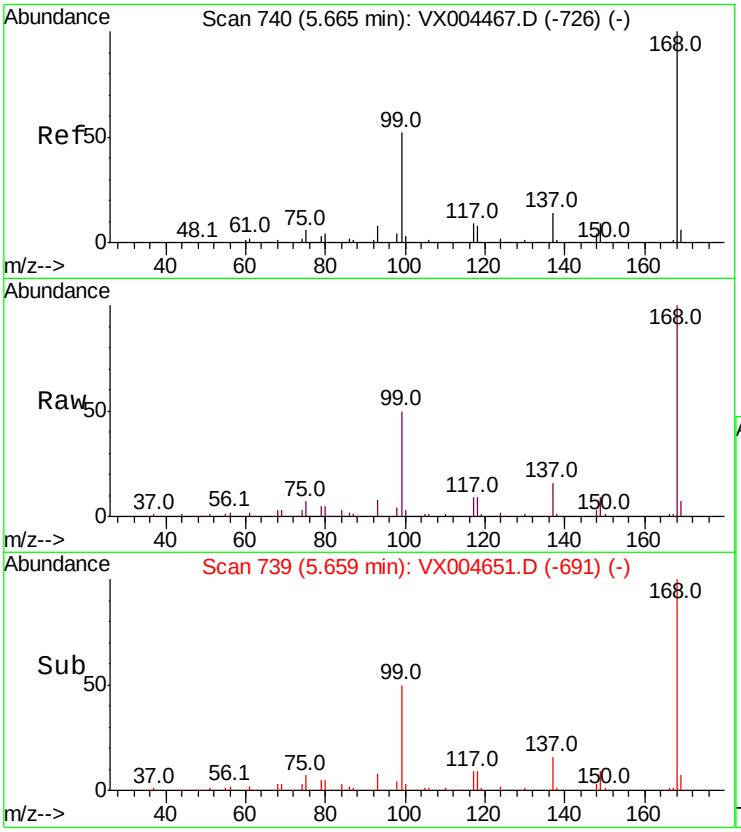
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
Data File : VX004651.D
Acq On : 18 Sep 2018 12:15
Operator : JC/MD
Sample : J4898-02 50X
Misc : 9.01g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 18 15:23:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration



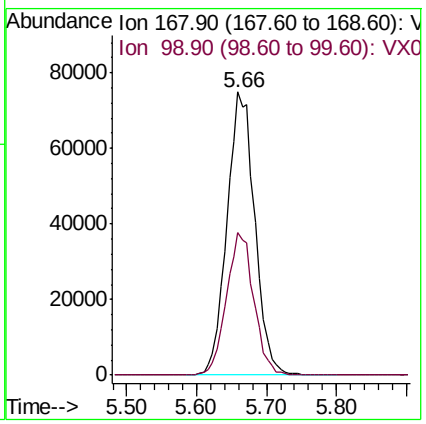


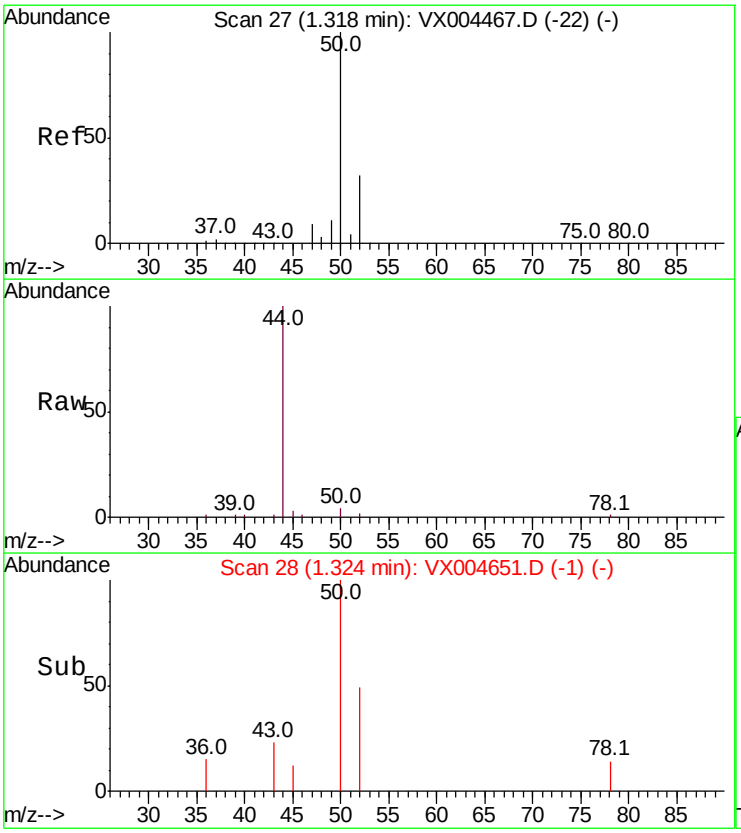
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 206170

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.9	59.9

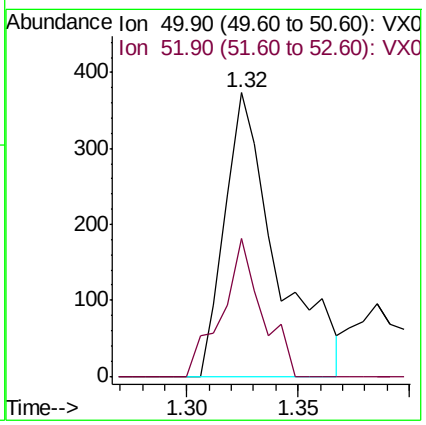


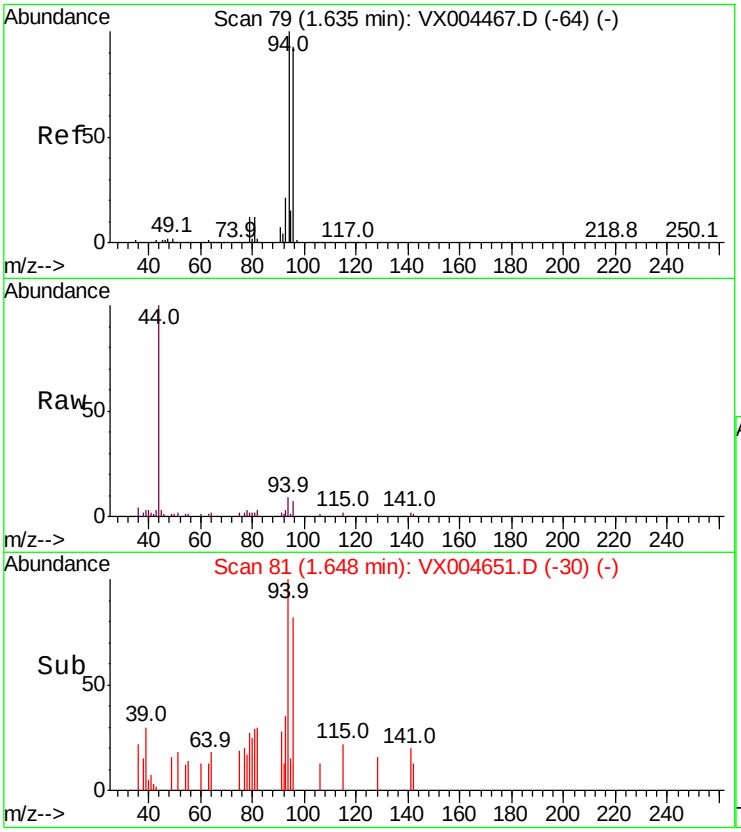


#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion: 50 Resp: 602

Ion	Ratio	Lower	Upper
50	100		
52	48.5	26.2	39.2#



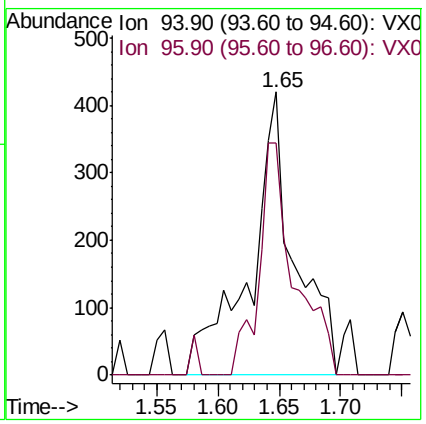


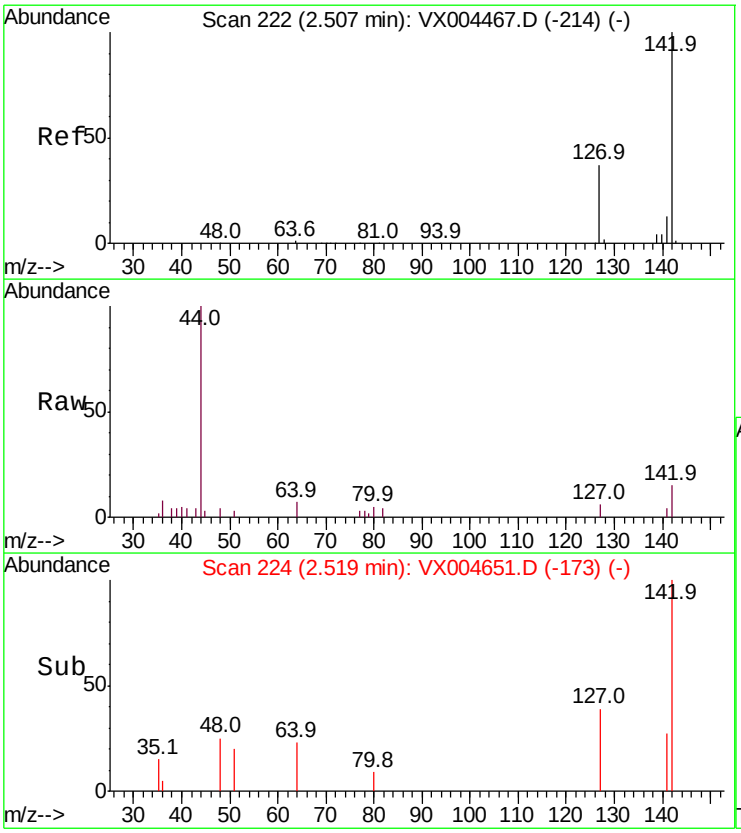
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1055

Ion	Ratio	Lower	Upper
94	100		
96	82.1	74.5	111.7

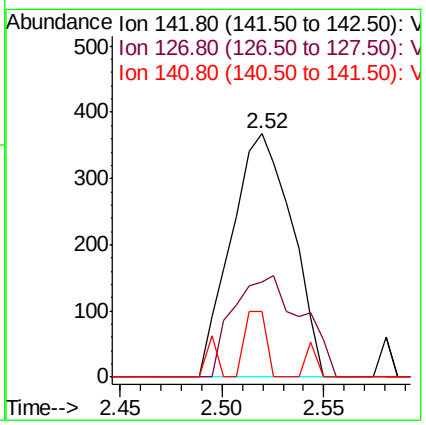


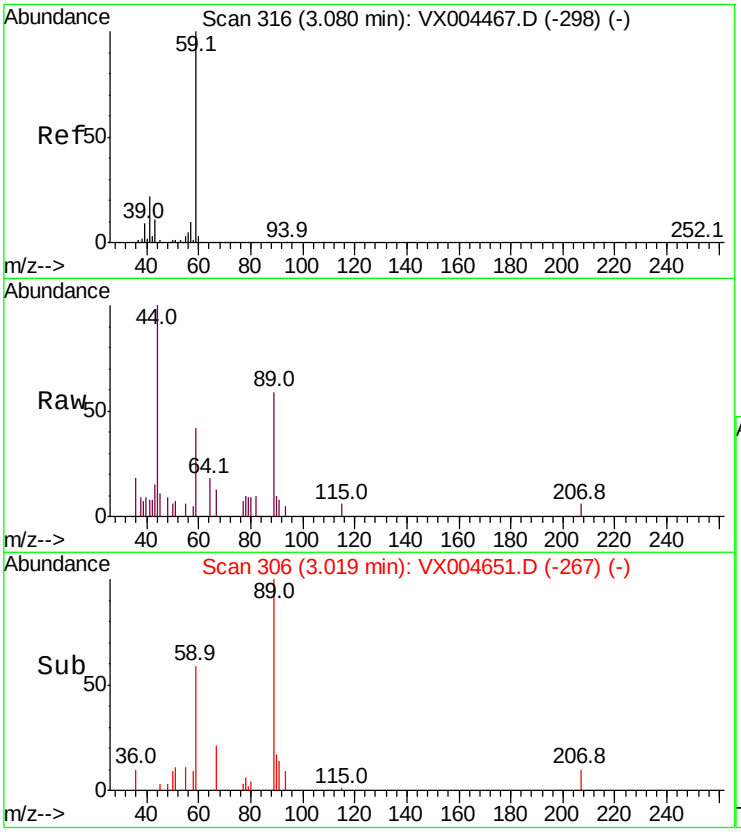


#10
Methyl Iodide
Concen: 4.510 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion:142 Resp: 760

Ion	Ratio	Lower	Upper
142	100		
127	46.8	33.8	50.6
141	9.5	11.4	17.0#



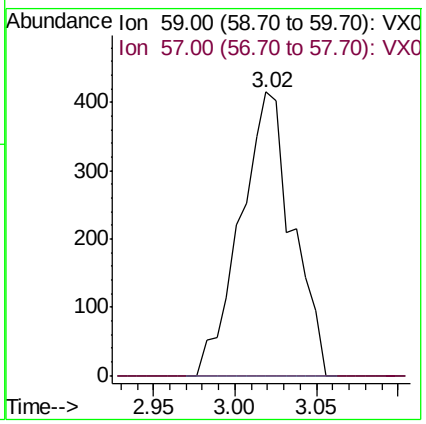


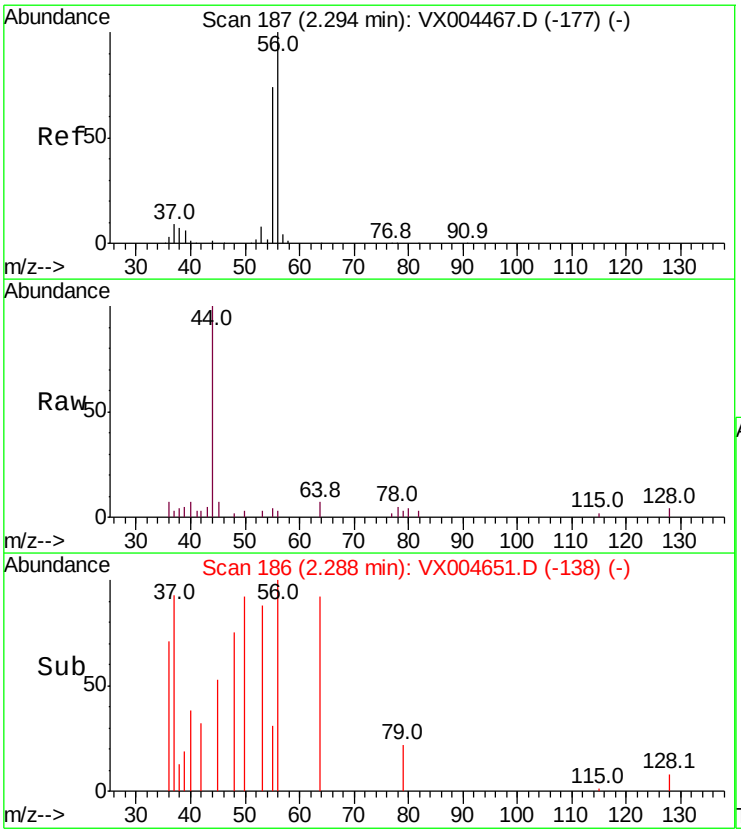
#11
Tert butyl alcohol
Concen: 1.455 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 923

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

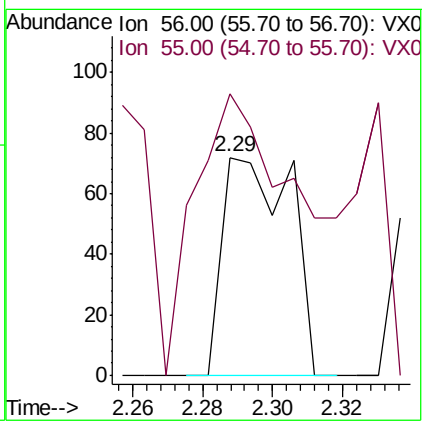


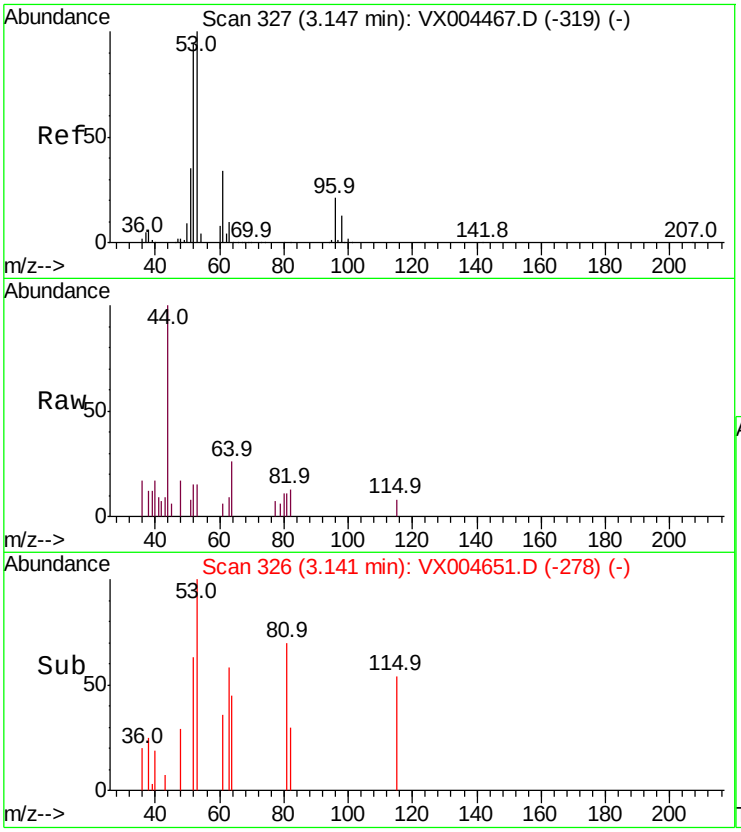


#13
Acrolein
Concen: 0.387 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion: 56 Resp: 97

Ion	Ratio	Lower	Upper
56	100		
55	181.4	54.7	82.1#



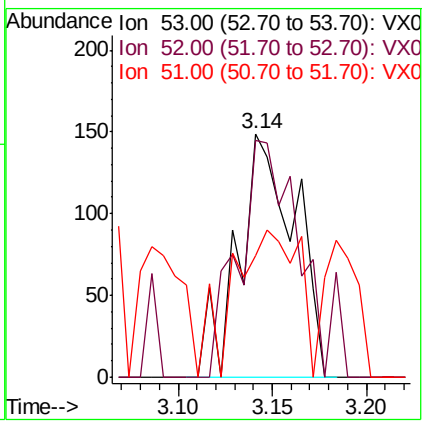


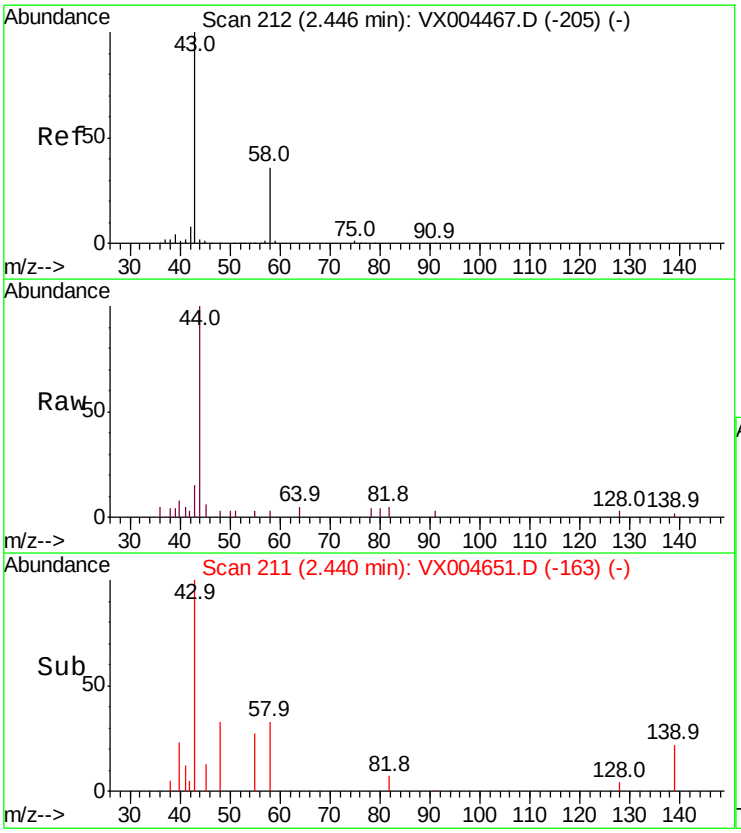
#15
Acrylonitrile
Concen: 0.204 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 311

Ion	Ratio	Lower	Upper
53	100		
52	107.1	65.2	97.8#
51	70.1	28.2	42.2#

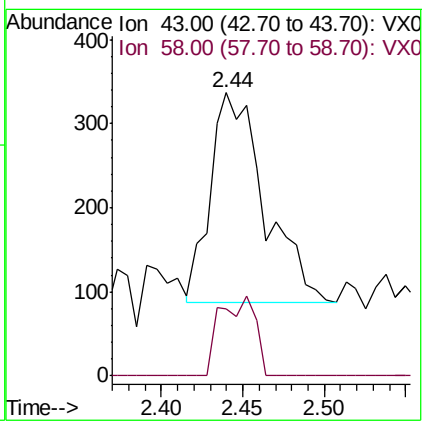


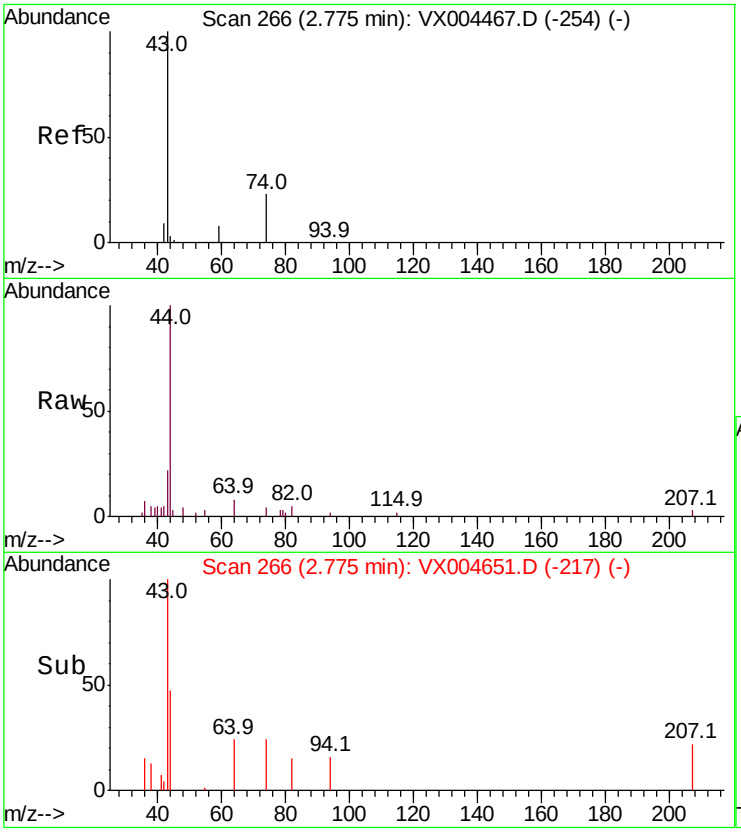


#16
Acetone
Concen: 0.448 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion: 43 Resp: 581

Ion	Ratio	Lower	Upper
43	100		
58	32.0	26.2	39.4



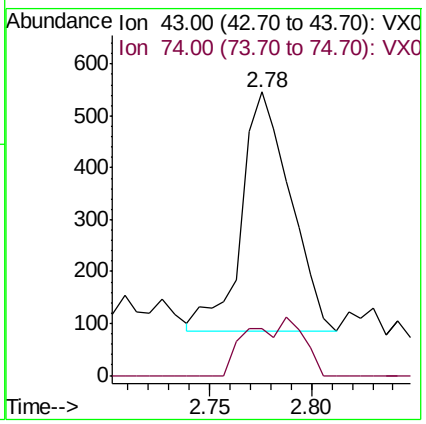


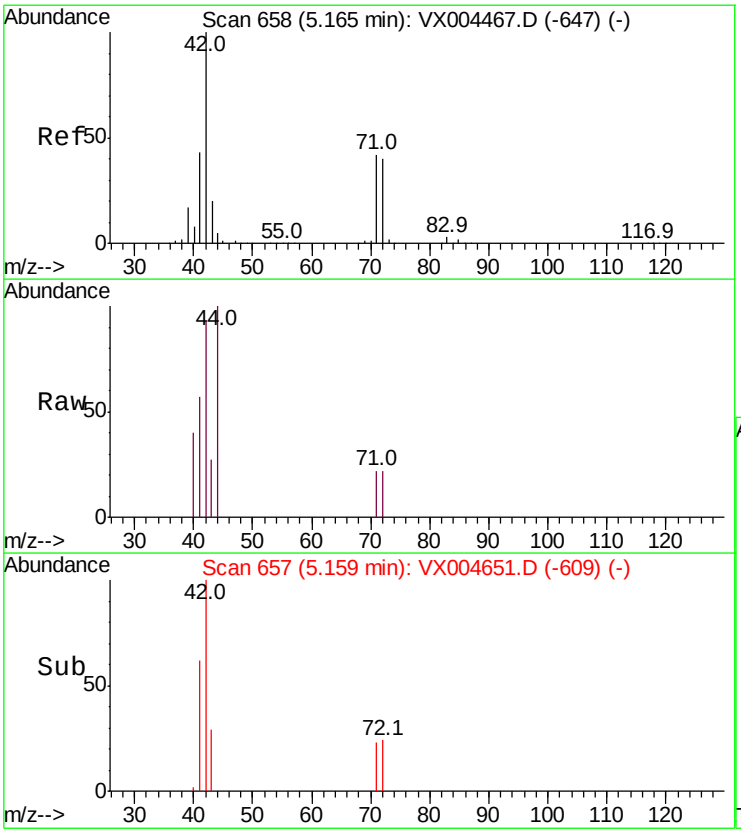
#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 773

Ion	Ratio	Lower	Upper
43	100		
74	27.0	19.4	29.2

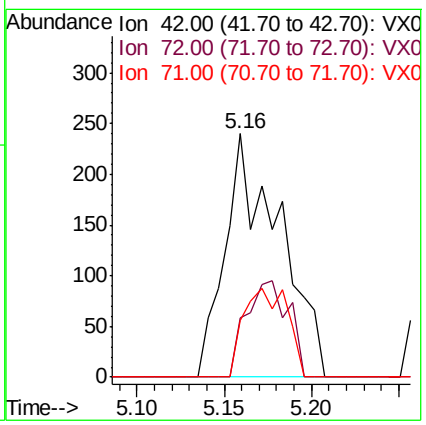


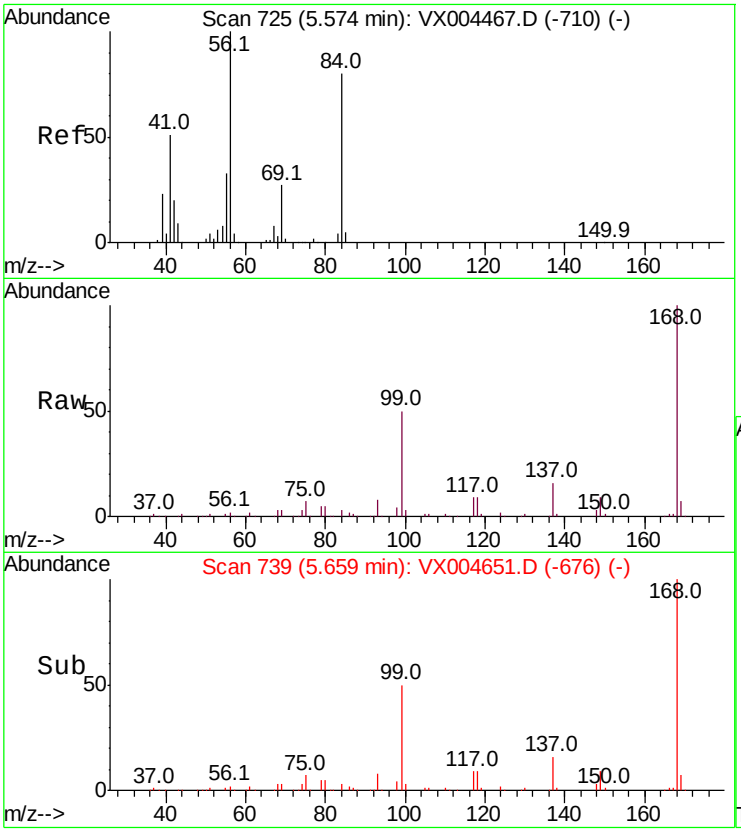


#29
Tetrahydrofuran
Concen: 0.418 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion: 42 Resp: 521

Ion	Ratio	Lower	Upper
42	100		
72	30.9	37.4	56.0#
71	29.6	34.5	51.7#



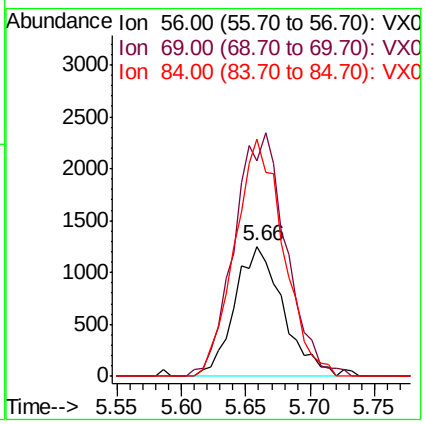


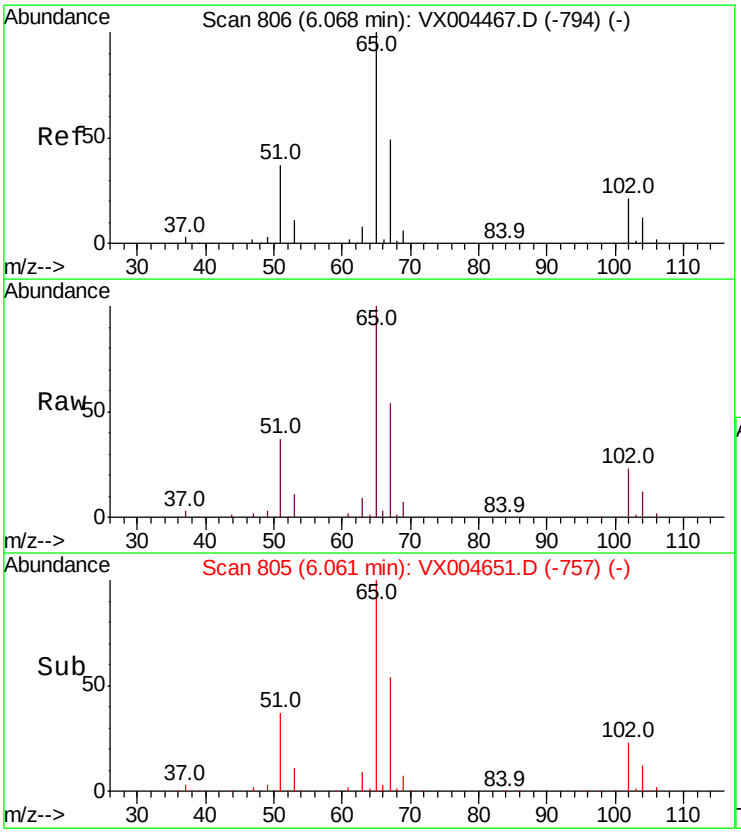
#31
Cyclohexane
Concen: 0.850 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 3268

Ion	Ratio	Lower	Upper
56	100		
69	165.7	25.4	38.2#
84	182.5	71.4	107.2#

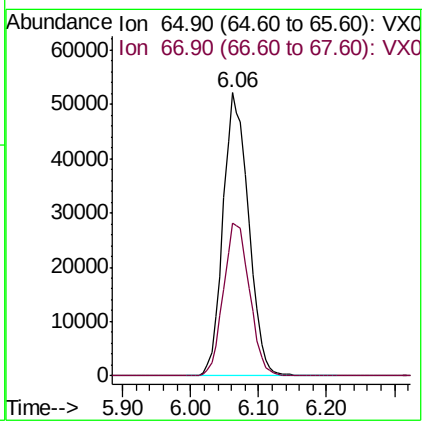


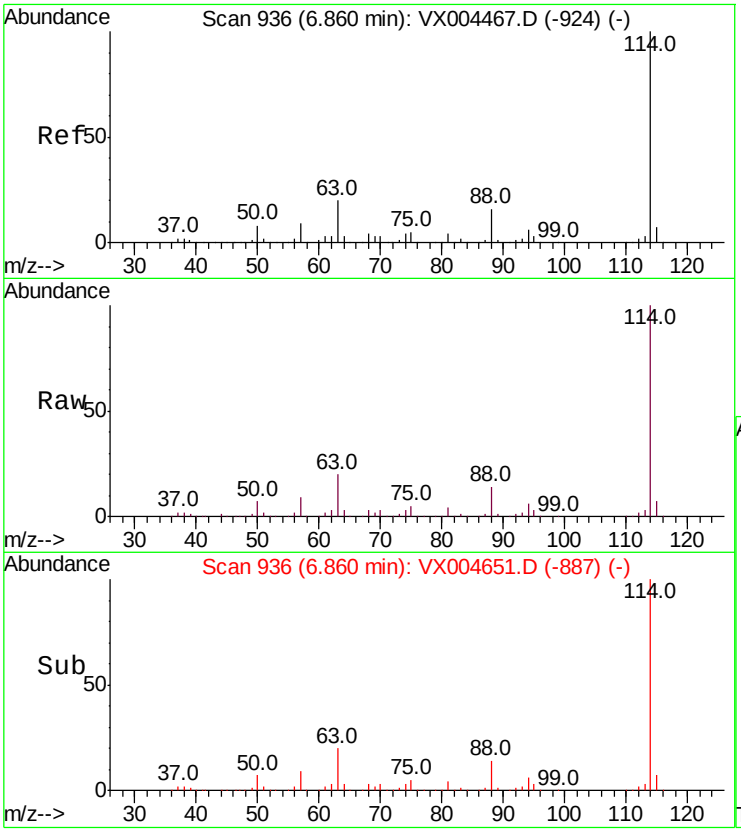


#33
1,2-Dichloroethane-d4
Concen: 50.802 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion: 65 Resp: 135050

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	106.8



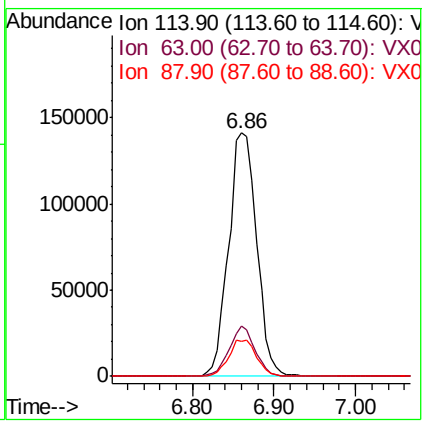


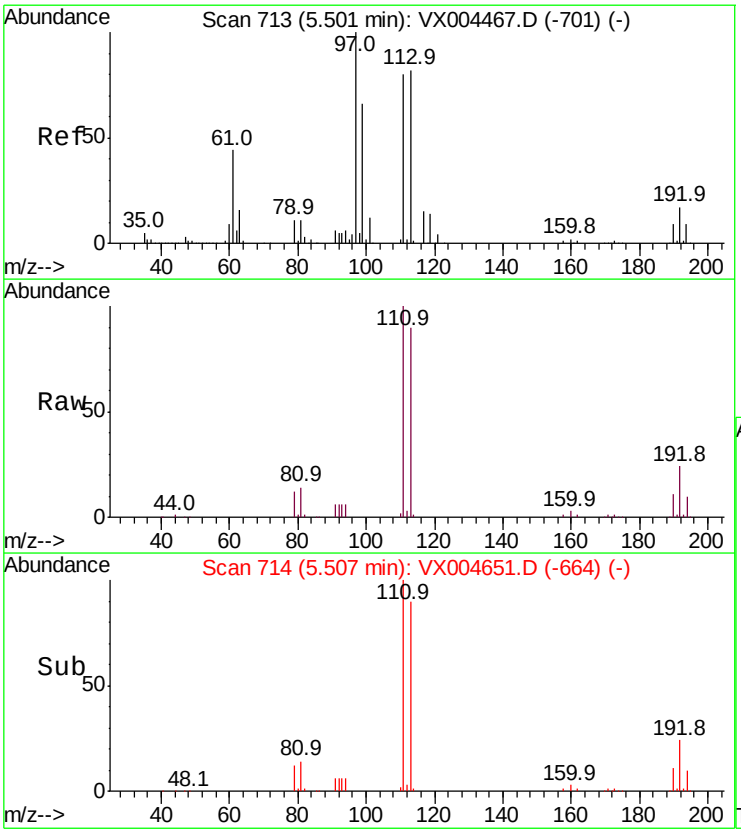
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 334930

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	14.4	0.0	30.4

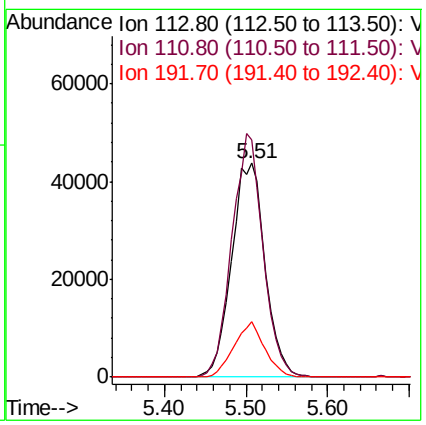


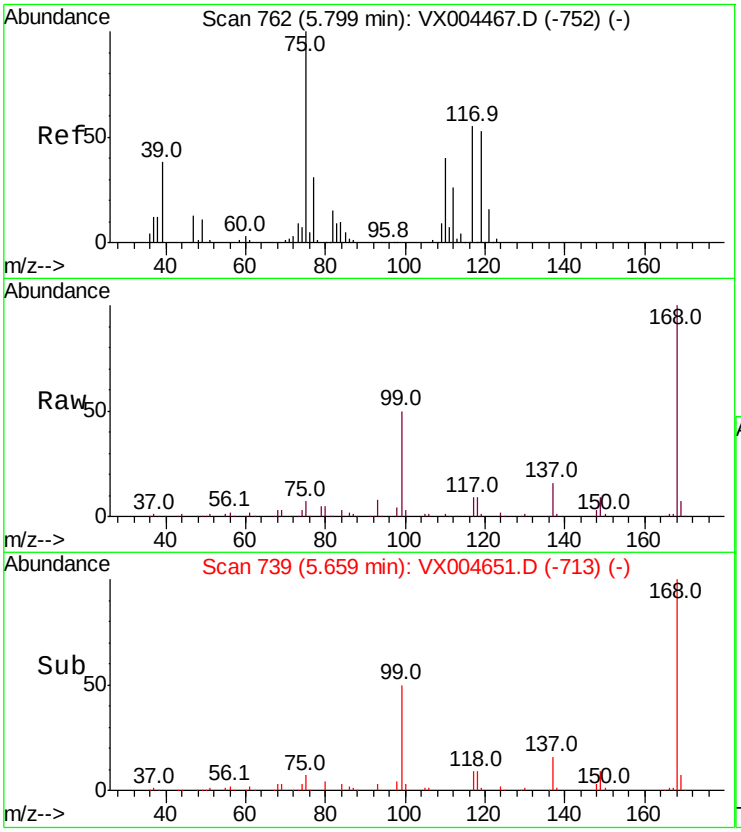


#35
Dibromofluoromethane
Concen: 40.501 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion:113 Resp: 124133

Ion	Ratio	Lower	Upper
113	100		
111	105.9	82.4	123.6
192	23.7	19.4	29.2



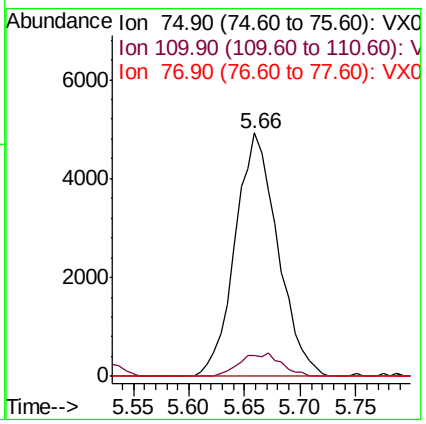


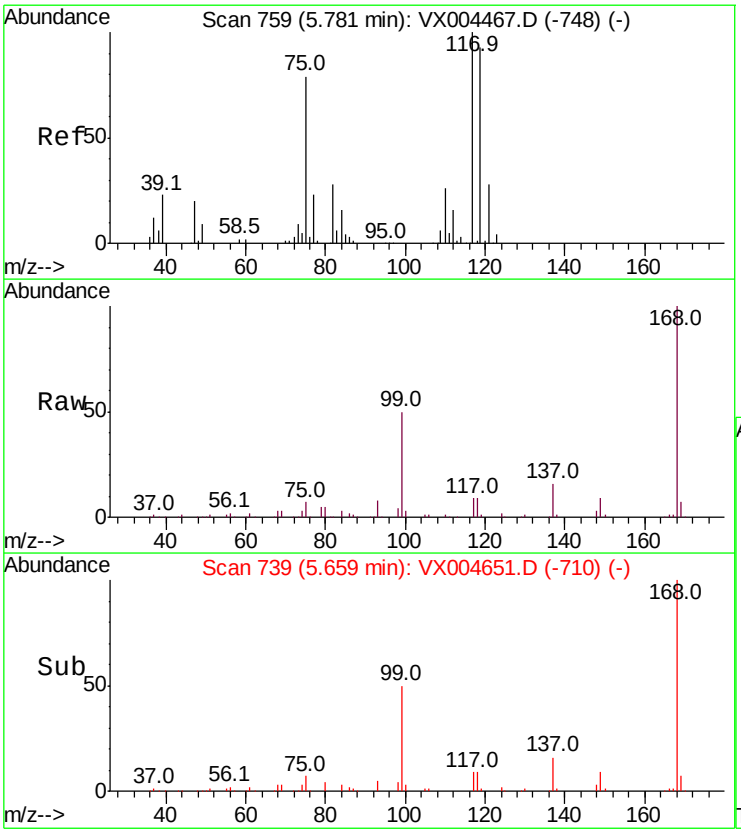
#36
1,1-Dichloropropene
Concen: 3.215 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 13071

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.0	54.0#
77	0.0	24.6	36.8#

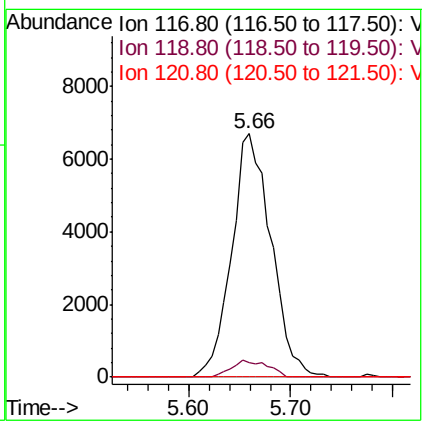


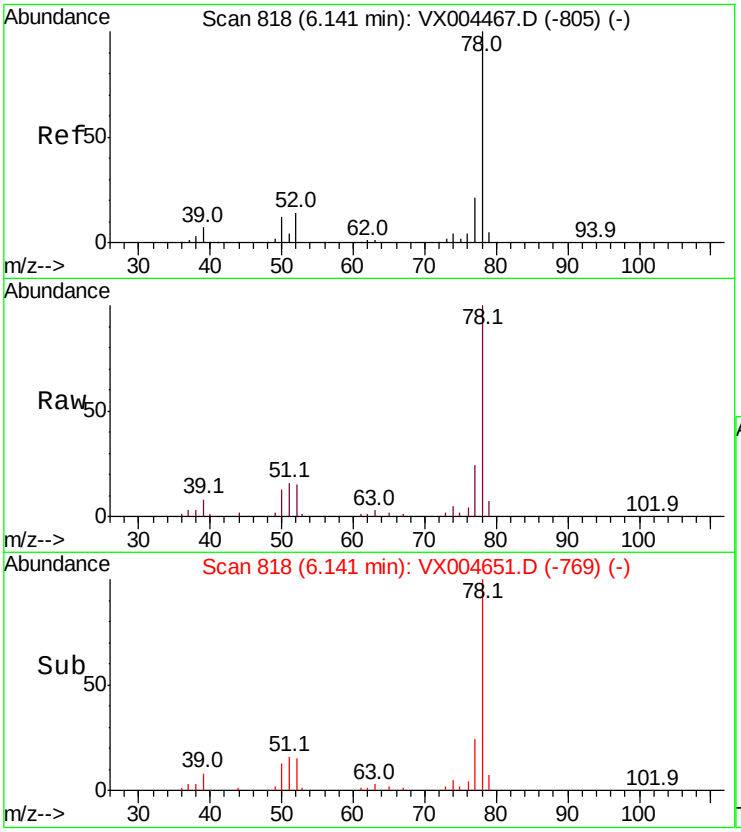


#38
Carbon Tetrachloride
Concen: 4.522 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion:117 Resp: 17960

Ion	Ratio	Lower	Upper
117	100		
119	5.9	78.8	118.2#
121	0.0	24.9	37.3#



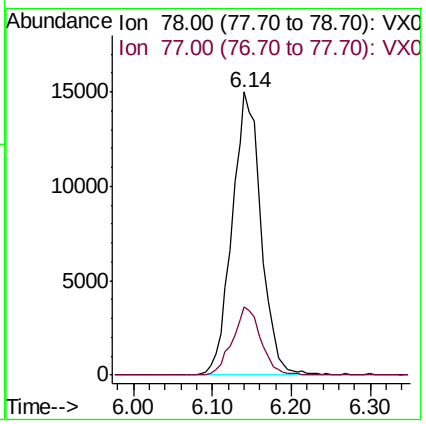


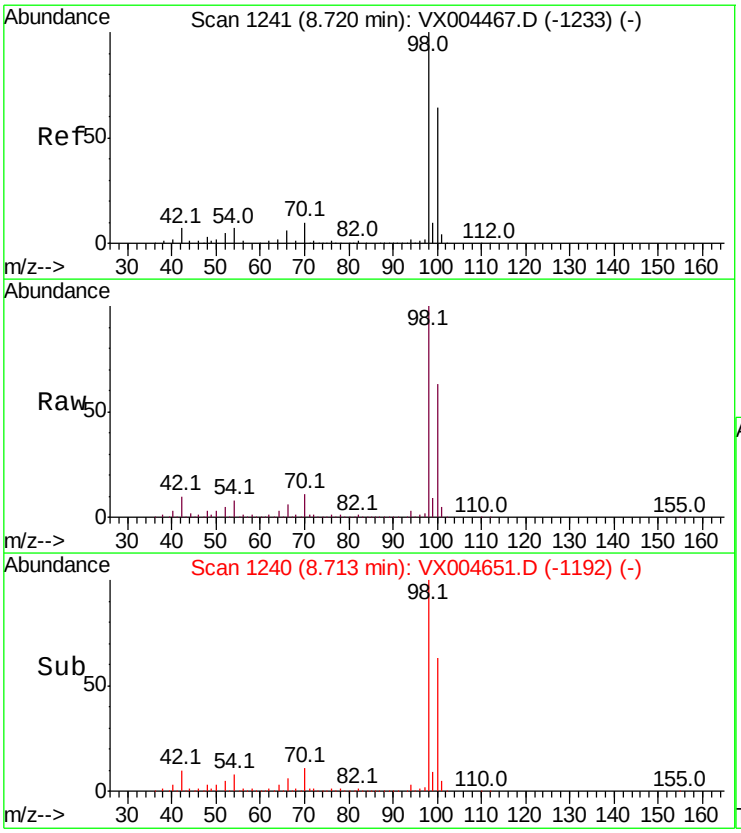
#40
Benzene
Concen: 3.162 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion: 78 Resp: 38153

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

Instrument :
MSVOA_X
ClientSampleId :

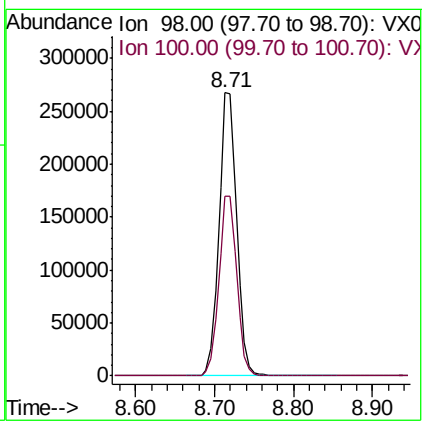


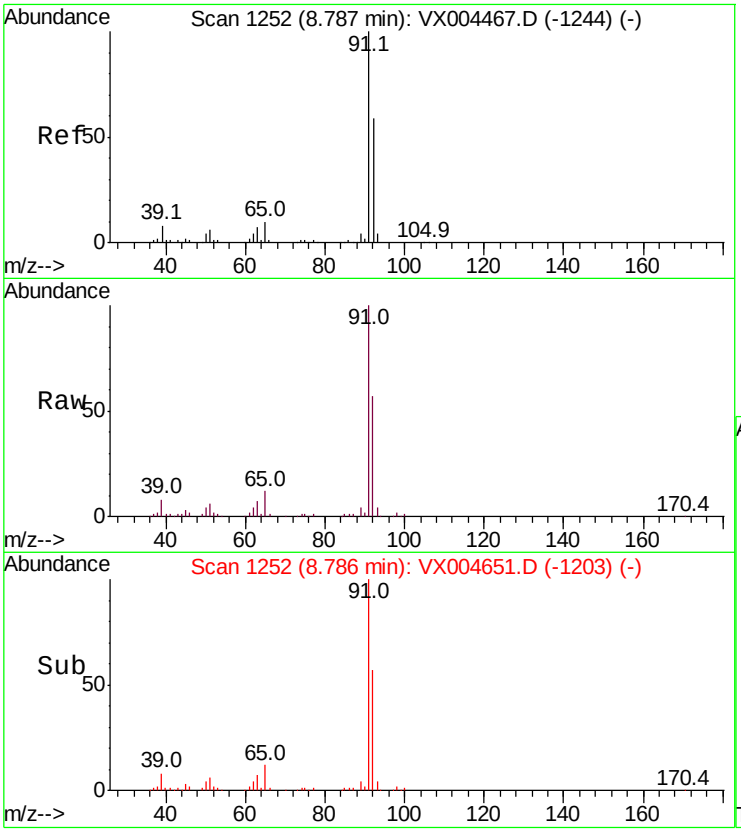


#50
Toluene-d8
Concen: 40.638 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion: 98 Resp: 417693

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.9	79.3



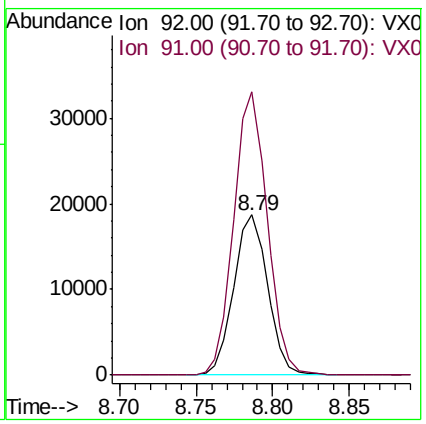


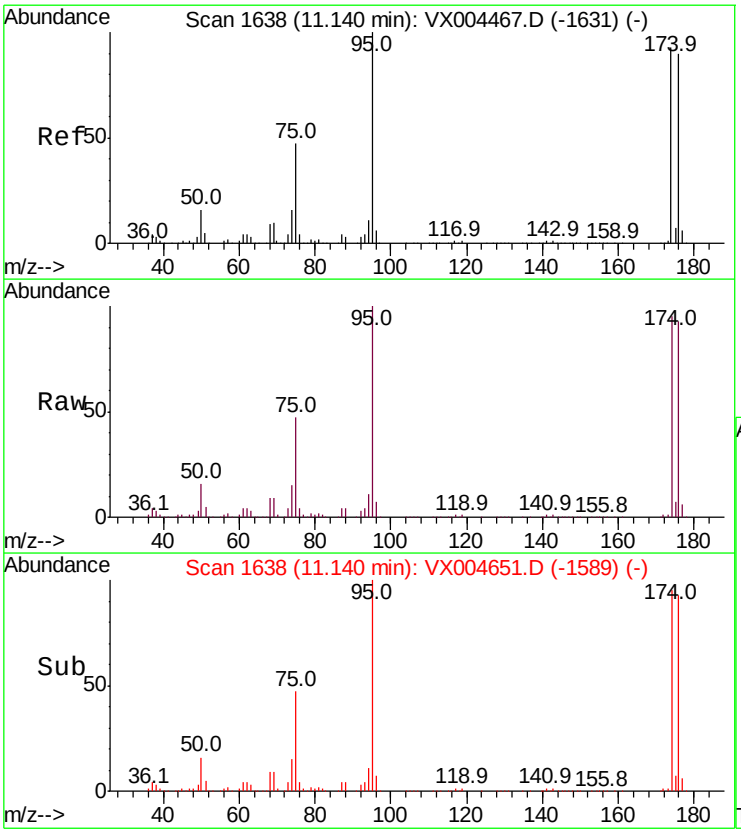
#52
Toluene
Concen: 4.075 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 28968

Ion	Ratio	Lower	Upper
92	100		
91	174.4	136.4	204.6

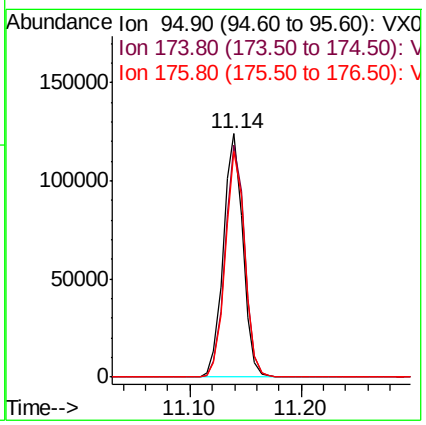


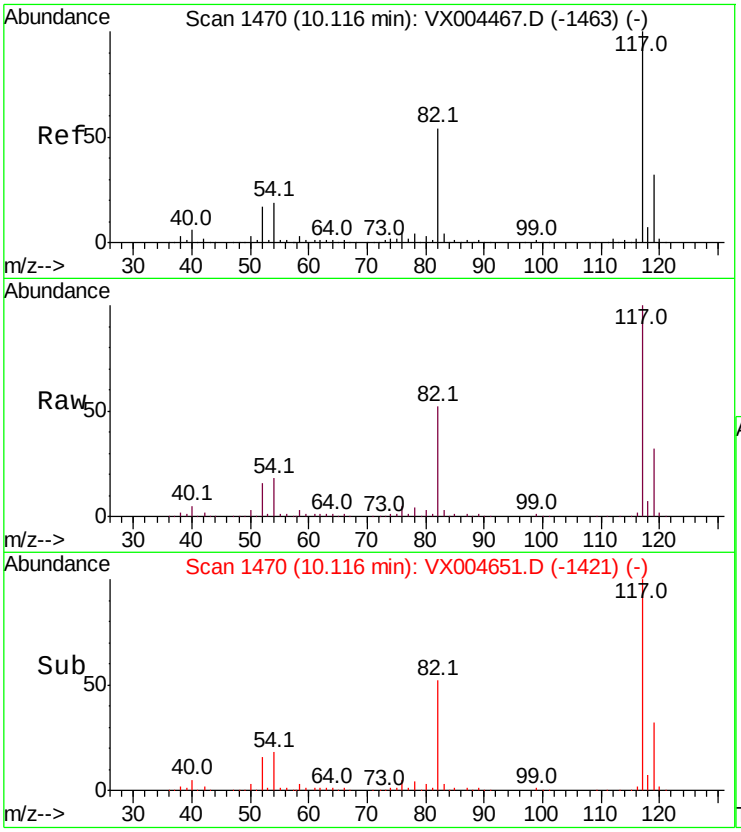


#62
4-Bromofluorobenzene
Concen: 40.996 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion: 95 Resp: 150410

Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	185.2
176	92.6	0.0	178.6



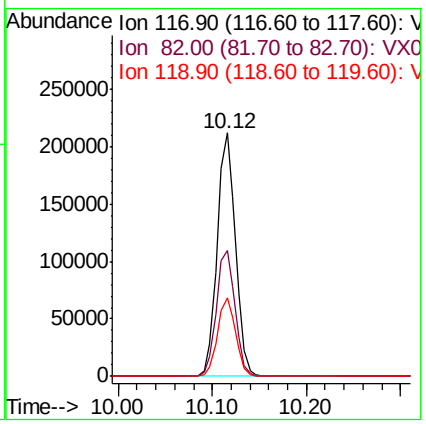


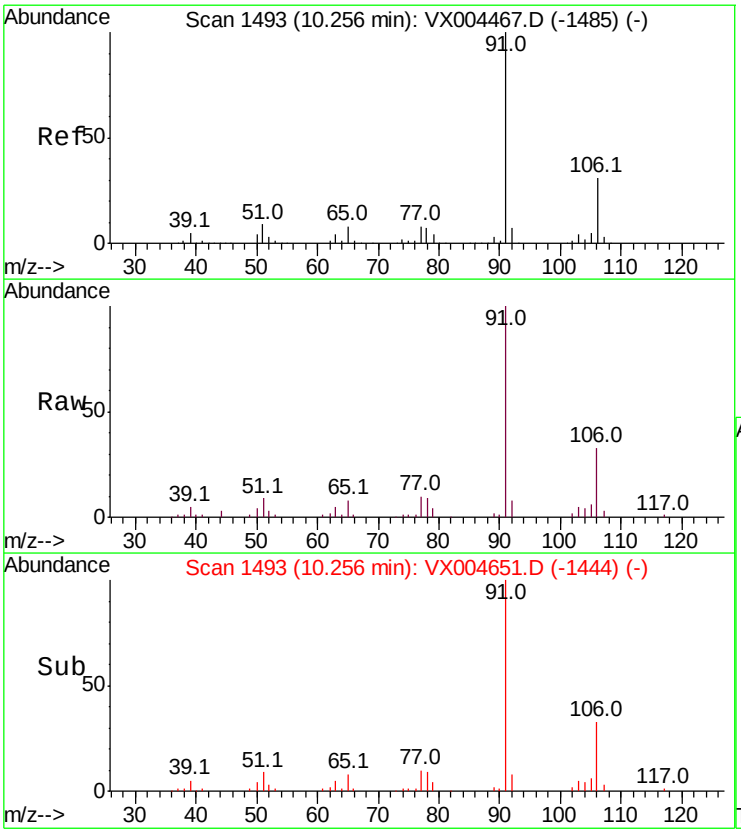
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 284920

Ion	Ratio	Lower	Upper
117	100		
82	51.5	47.8	71.6
119	32.4	29.3	43.9

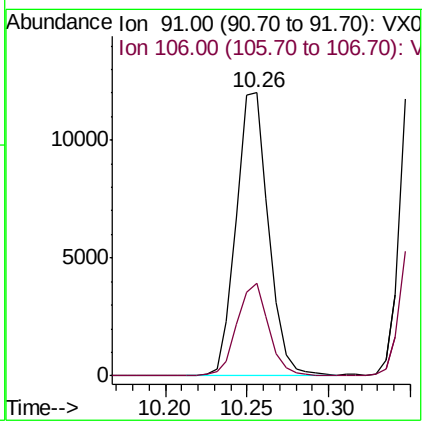


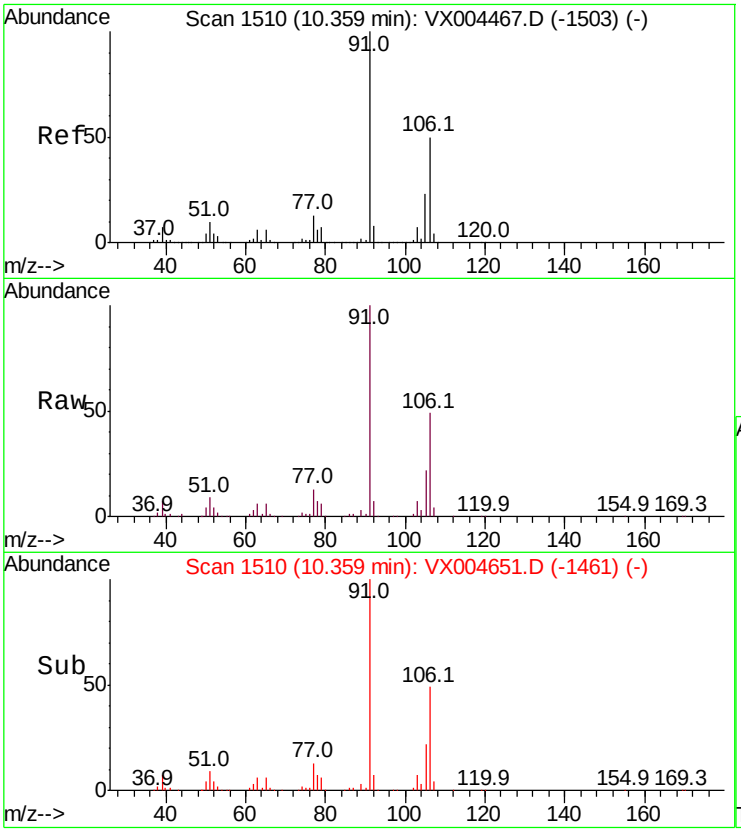


#67
Ethyl Benzene
Concen: 1.446 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion: 91 Resp: 16643

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.9	38.9



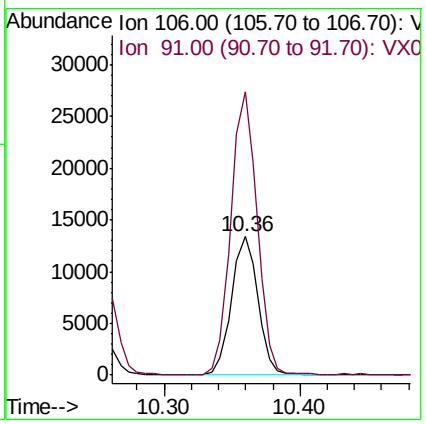


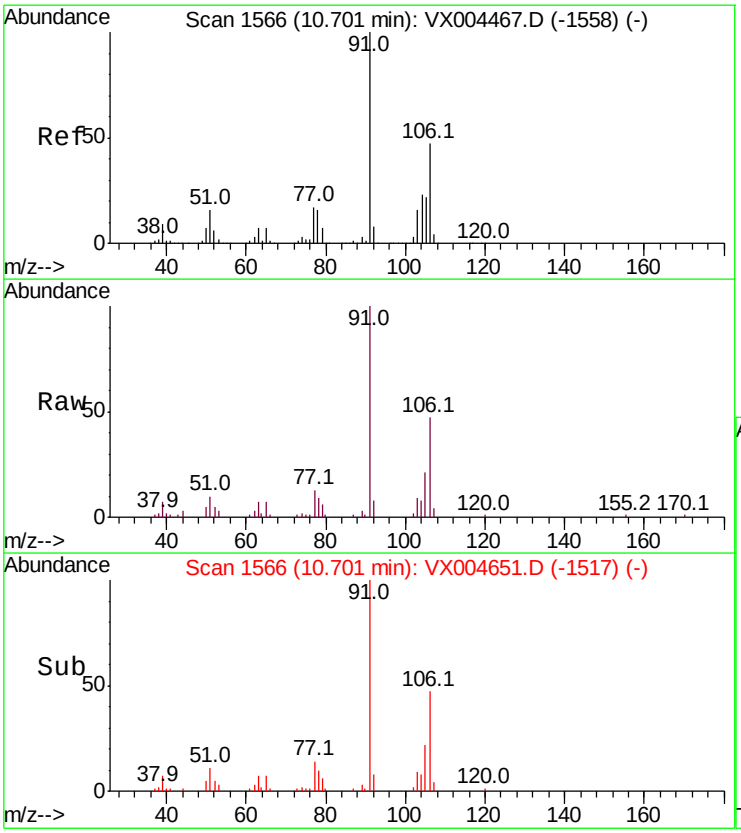
#68
m/p-Xylenes
Concen: 4.099 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 18171

Ion	Ratio	Lower	Upper
106	100		
91	201.8	157.1	235.7

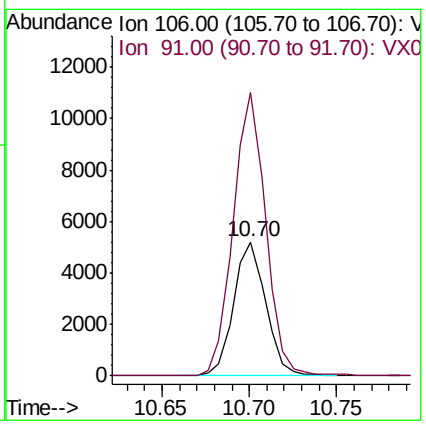


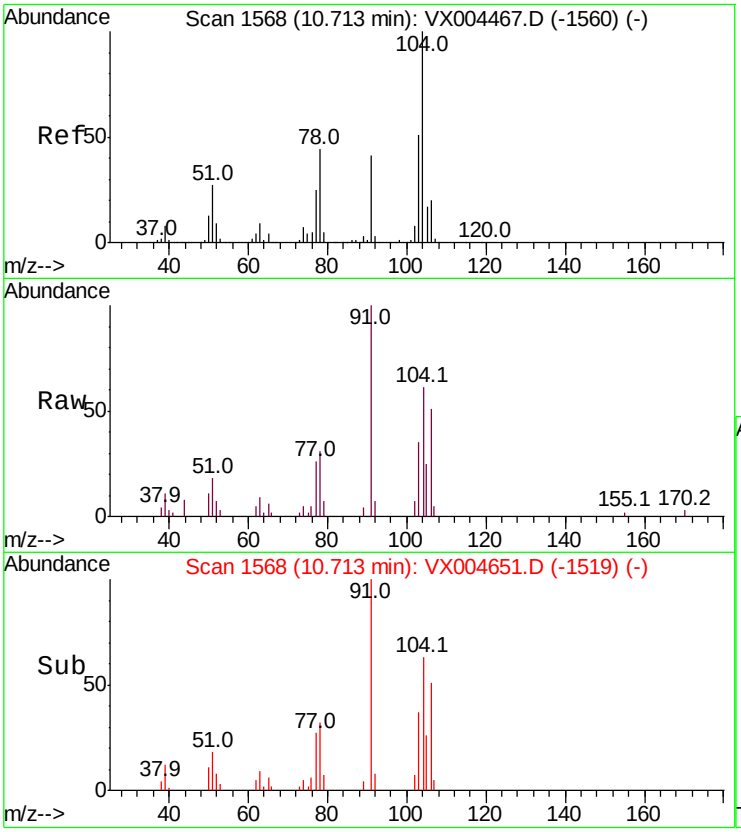


#69
o-Xylene
Concen: 1.553 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion:106 Resp: 6620

Ion	Ratio	Lower	Upper
106	100		
91	215.1	105.1	315.1



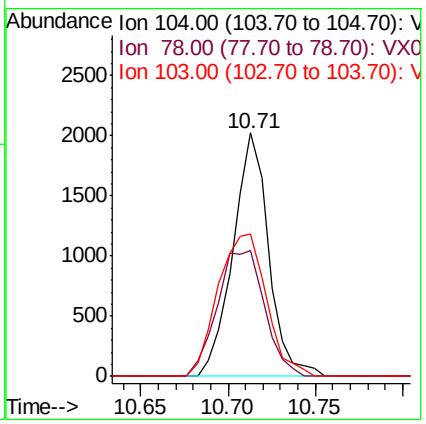


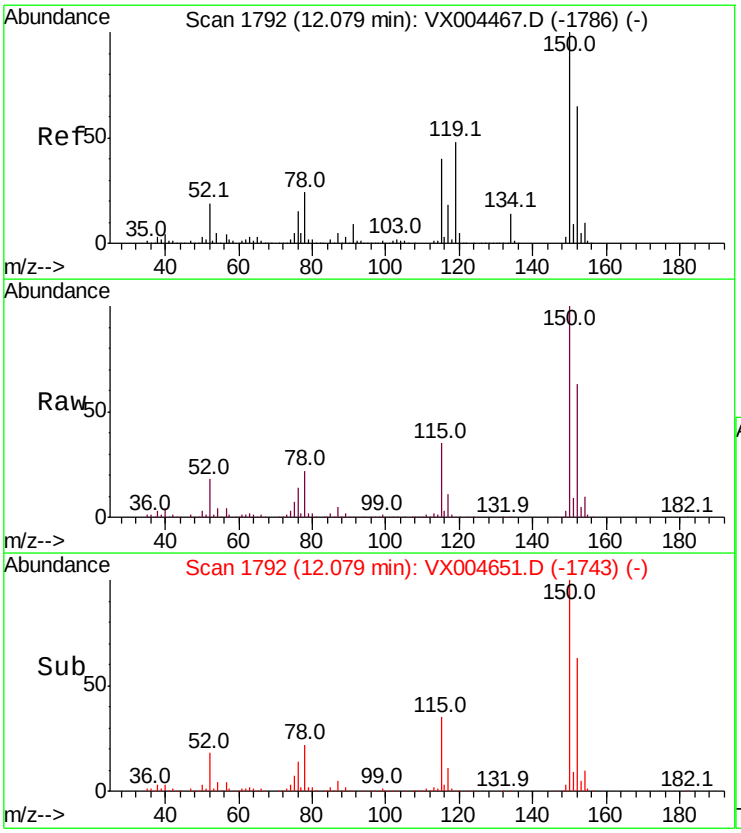
#70
Stvrene
Concen: 0.407 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:104 Resp: 2874

Ion	Ratio	Lower	Upper
104	100		
78	68.4	37.4	56.0#
103	78.9	43.8	65.6#

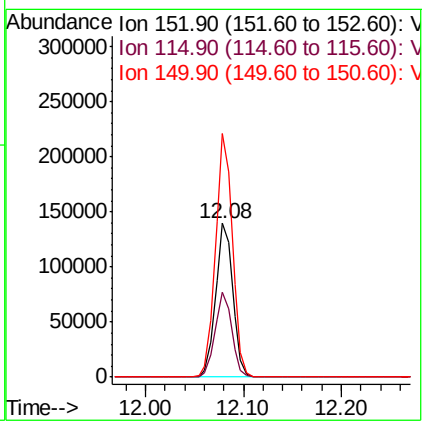


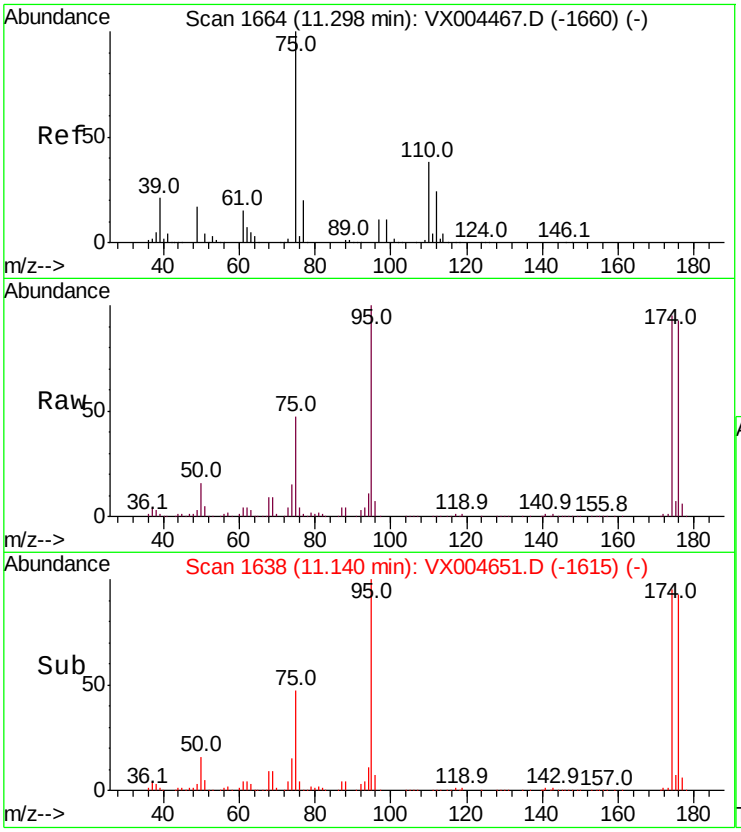


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion:152 Resp: 168886

Ion	Ratio	Lower	Upper
152	100		
115	54.0	39.0	117.0
150	156.4	0.0	351.0



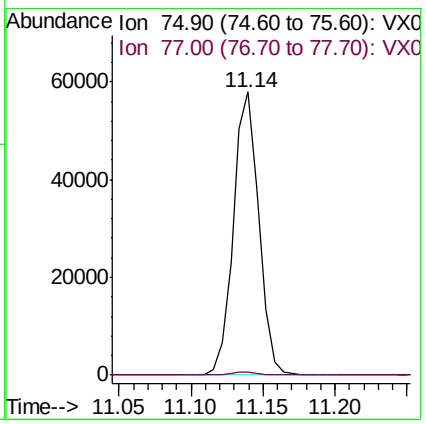


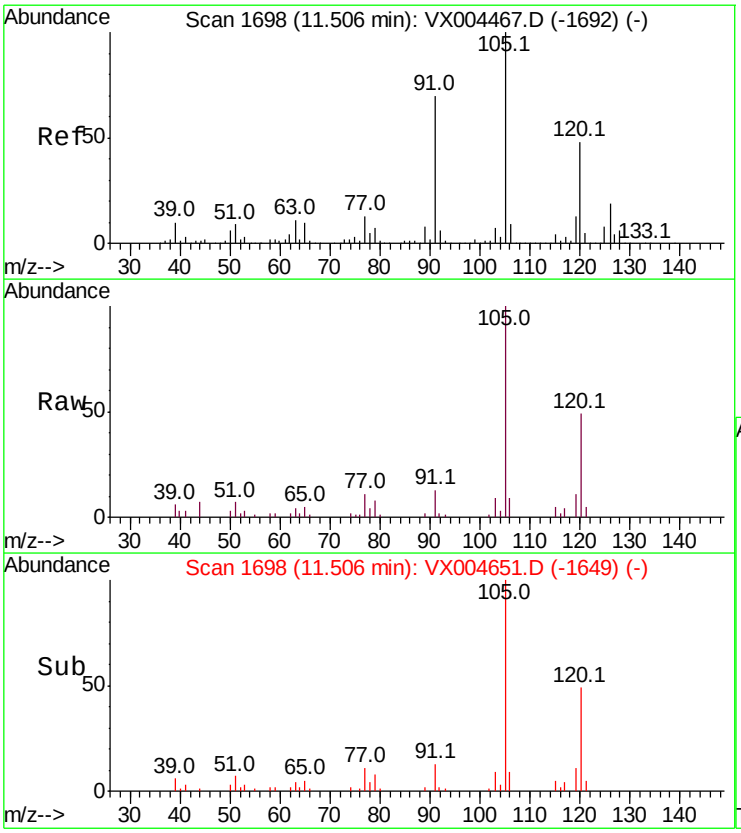
#76
1,2,3-Trichloropropane
Concen: 21.005 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 71371

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

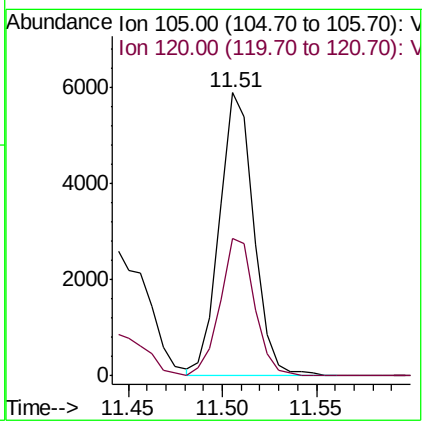


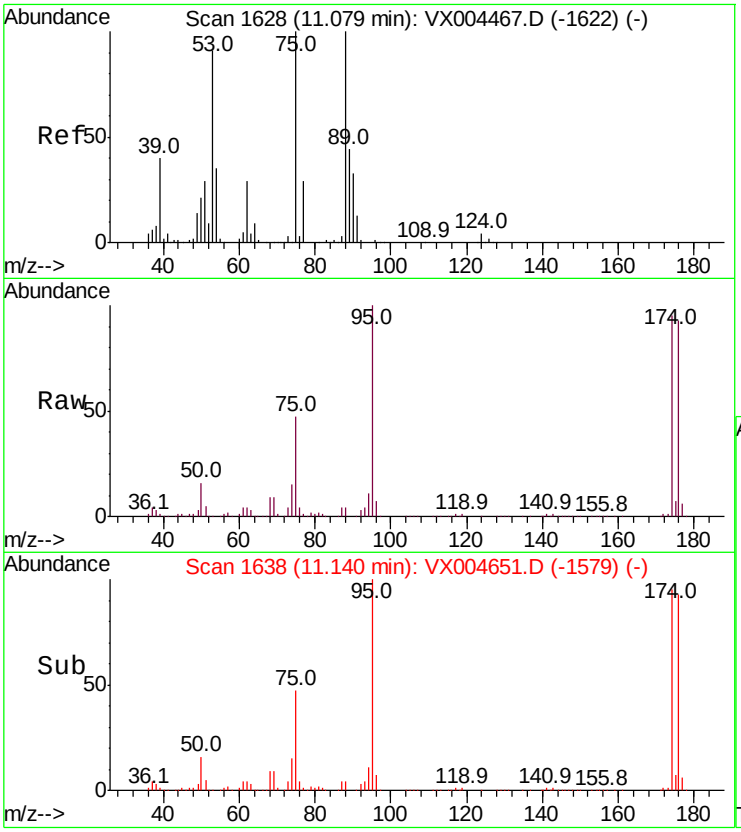


#80
1,3,5-Trimethylbenzene
Concen: 0.797 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion:105 Resp: 7453

Ion	Ratio	Lower	Upper
105	100		
120	48.8	25.6	76.8



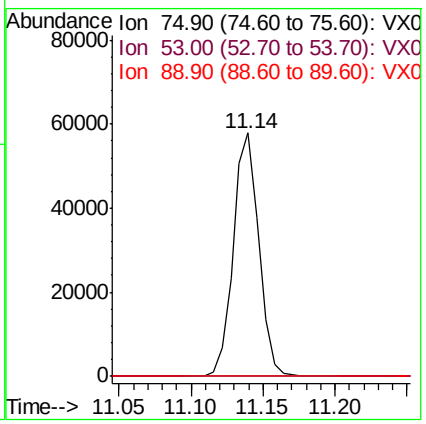


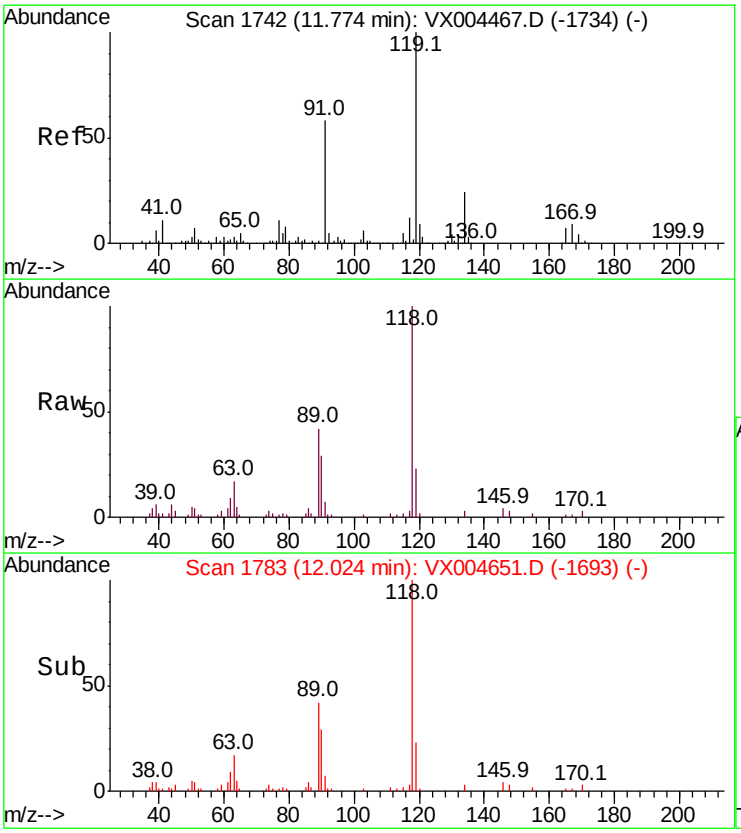
#81
trans-1,4-Dichloro-2-butene
Concen: 66.953 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 71371

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.1	37.2	55.8#

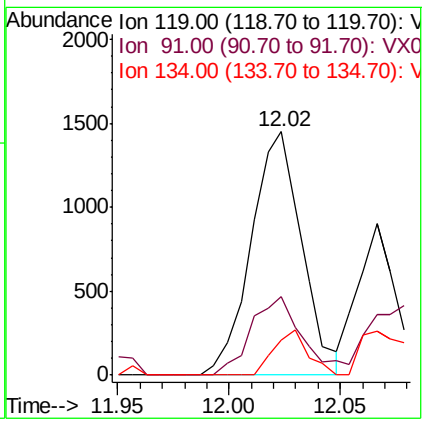


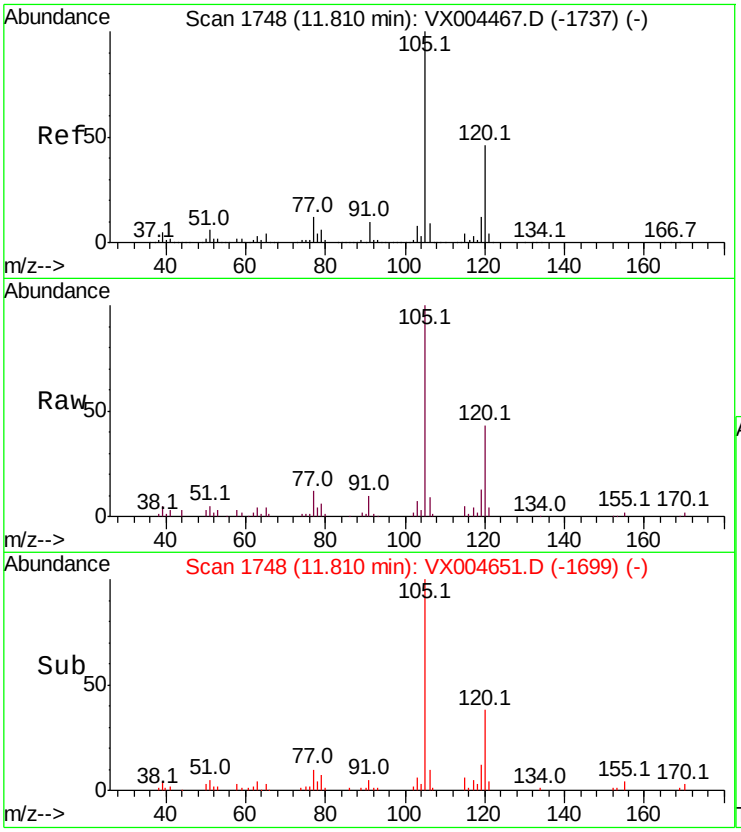


#83
tert-Butylbenzene
Concen: 0.257 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.25 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion:119 Resp: 2287

Ion	Ratio	Lower	Upper
119	100		
91	31.0	27.0	81.0
134	12.2	11.7	35.1



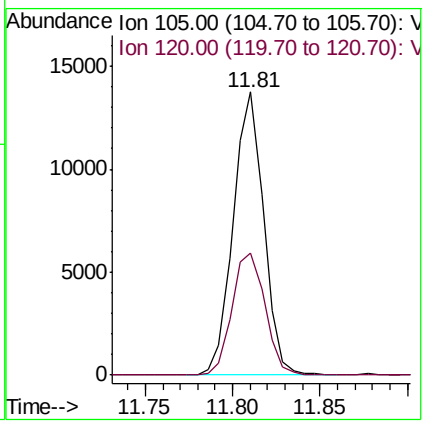


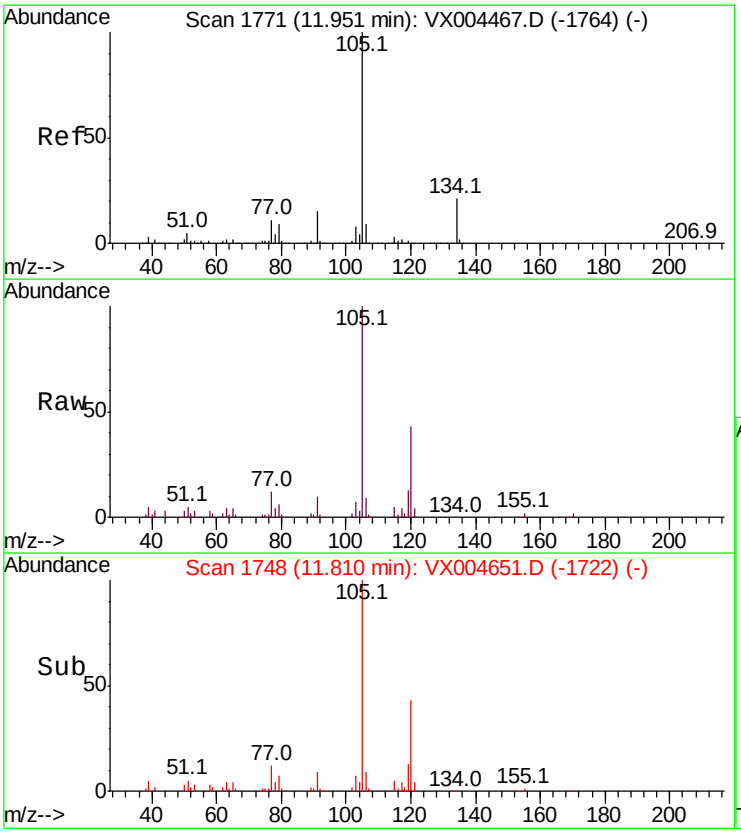
#84
1,2,4-Trimethylbenzene
Concen: 1.741 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 16619

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.2	69.6

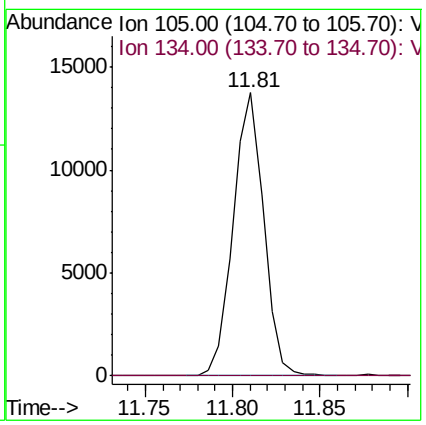


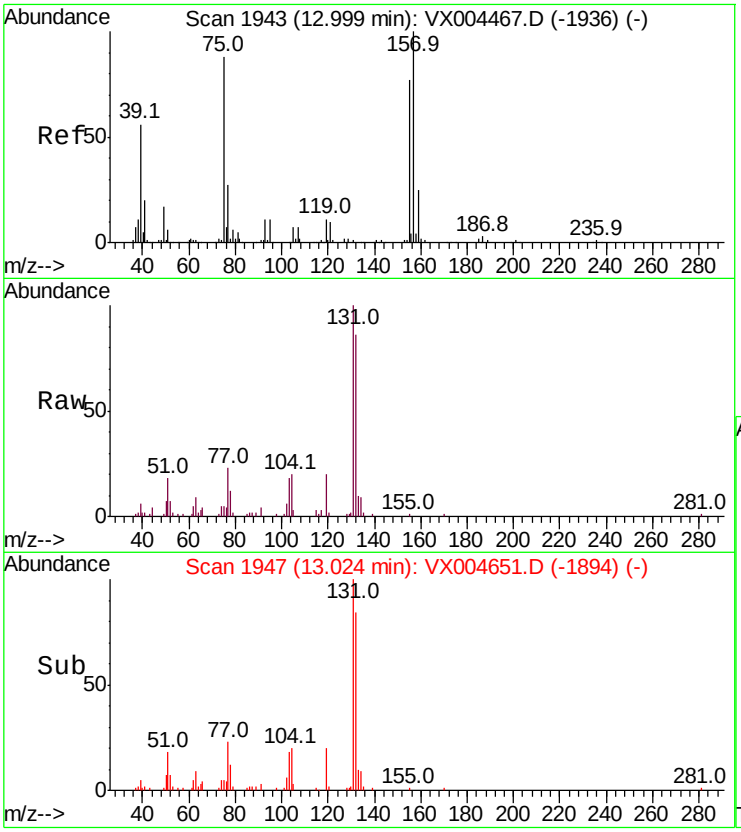


#85
sec-Butylbenzene
Concen: 1.465 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.14 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion:105 Resp: 16619

Ion	Ratio	Lower	Upper
105	100		
134	0.1	10.5	31.5#



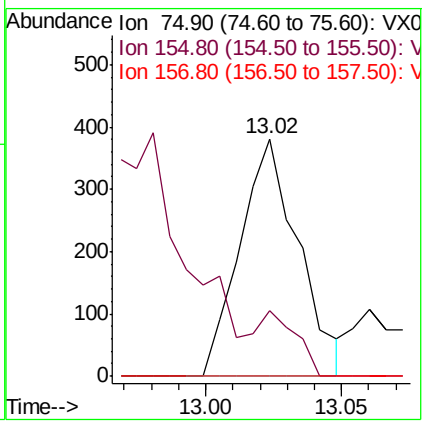


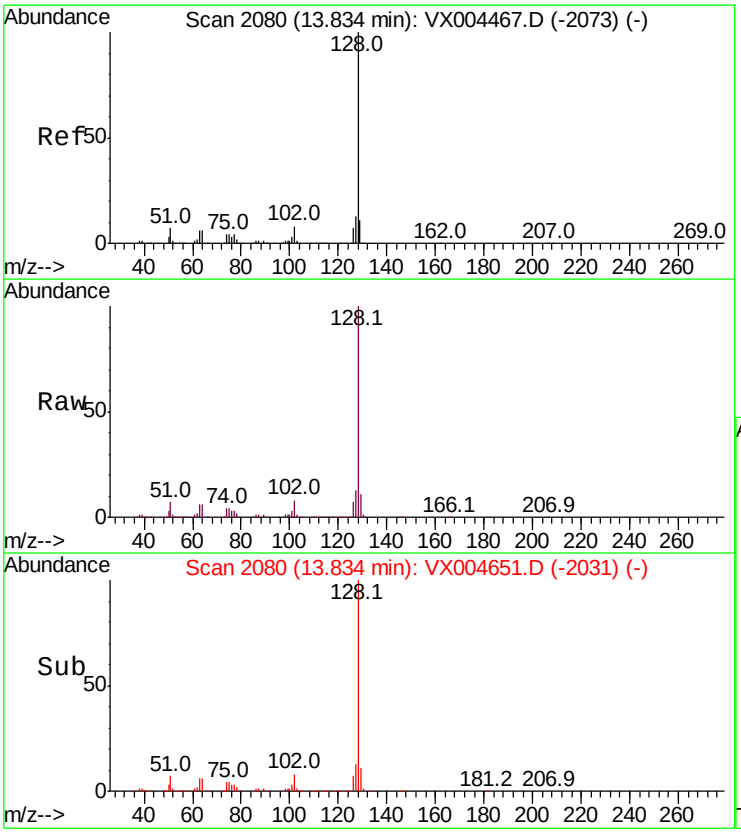
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.741 ug/l
RT: 13.02 min Scan# 1947
Delta R.T. 0.02 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 568

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.0	144.2#
157	0.0	61.4	184.1#





#95
Naphthalene
Concen: 79.644 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004651.D
Acq: 18 Sep 2018 12:15

Tgt Ion:128 Resp: 918278

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.6	12.8