Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080918\
Data File : VX003951.D
Acq On : 09 Aug 2018 15:30
Operator : JC/MD
Sample : J4387-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0567

Quant Time: Aug 20 01:16:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	346749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	525617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	506291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218094	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.90%			
35) Dibromofluoromethane	5.51	113	189750	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.30%			
50) Toluene-d8	8.72	98	765412	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.86%			
62) 4-Bromofluorobenzene	11.14	95	274173	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.44%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2532	0.530	ug/l #	80
16) Acetone	2.45	43	13145	4.807	ug/l	96
25) 2-Butanone	4.71	43	1839	0.447	ug/l	97
30) Chloroform	5.26	83	1995	0.271	ug/l #	1
31) Cyclohexane	5.57	56	597571	90.202	ug/l	98
39) Methylcyclohexane	7.46	83	1124258	161.978	ug/l	99
40) Benzene	6.15	78	22655	1.282	ug/l	97
52) Toluene	8.79	92	5447	0.488	ug/l	91
67) Ethyl Benzene	10.26	91	861202	39.935	ug/l	100
68) m/p-Xylenes	10.36	106	3988879	473.381	ug/l	89
69) o-Xylene	10.70	106	107679	13.537	ug/l	97
73) Isopropylbenzene	11.02	105	841988	39.377	ug/l	97
78) n-propylbenzene	11.36	91	1167309	48.615	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	2008680	115.203	ug/l	99
83) tert-Butylbenzene	11.77	119	32855	1.915	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	4143233	236.327	ug/l	98
85) sec-Butylbenzene	11.95	105	180559	8.920	ug/l #	76
86) p-Isopropyltoluene	12.07	119	163769	9.016	ug/l	98
95) Naphthalene	13.83	128	1123675	52.192	ug/l	99

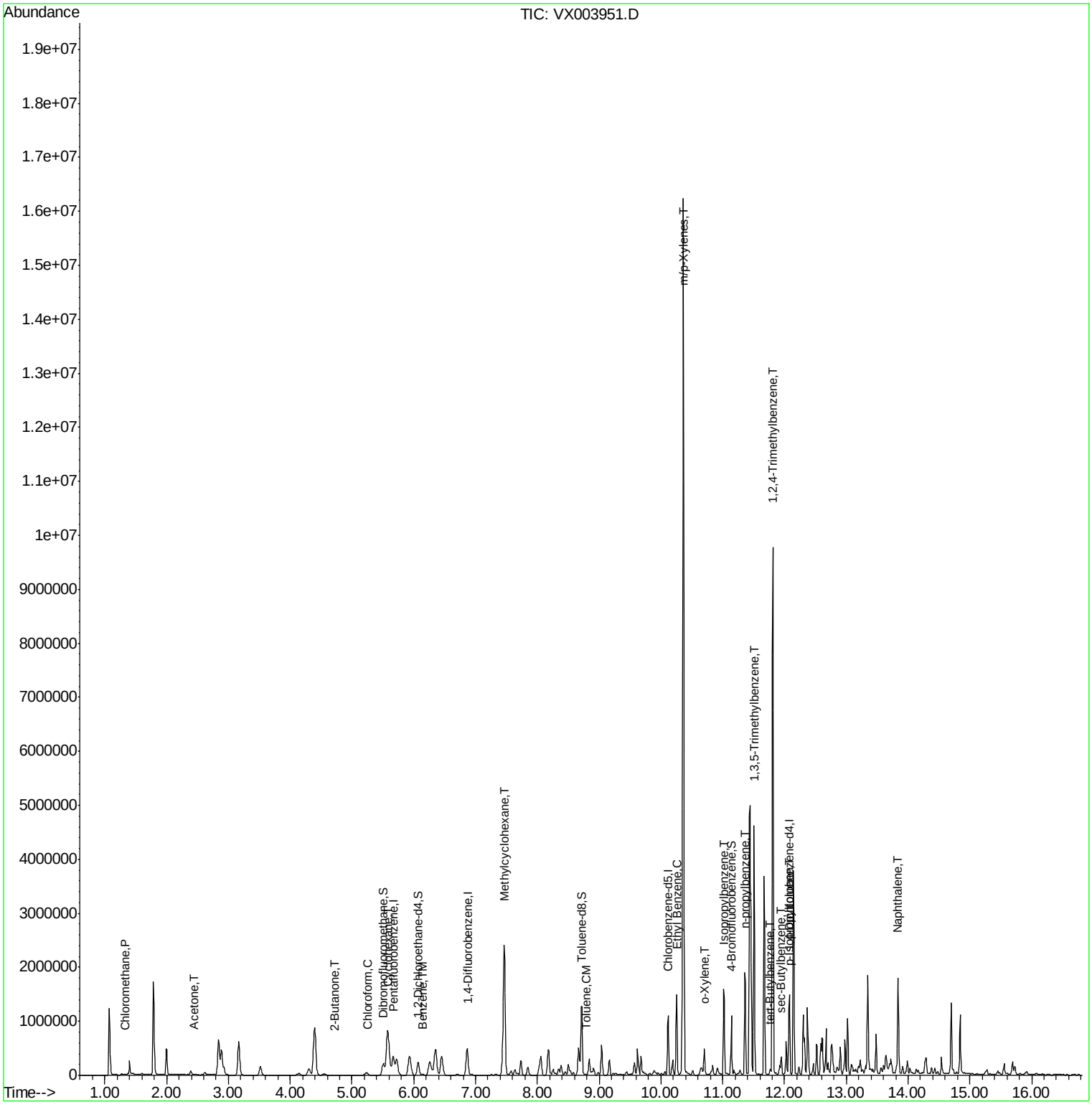
(#) = qualifier out of range (m) = manual integration (+) = signals summed

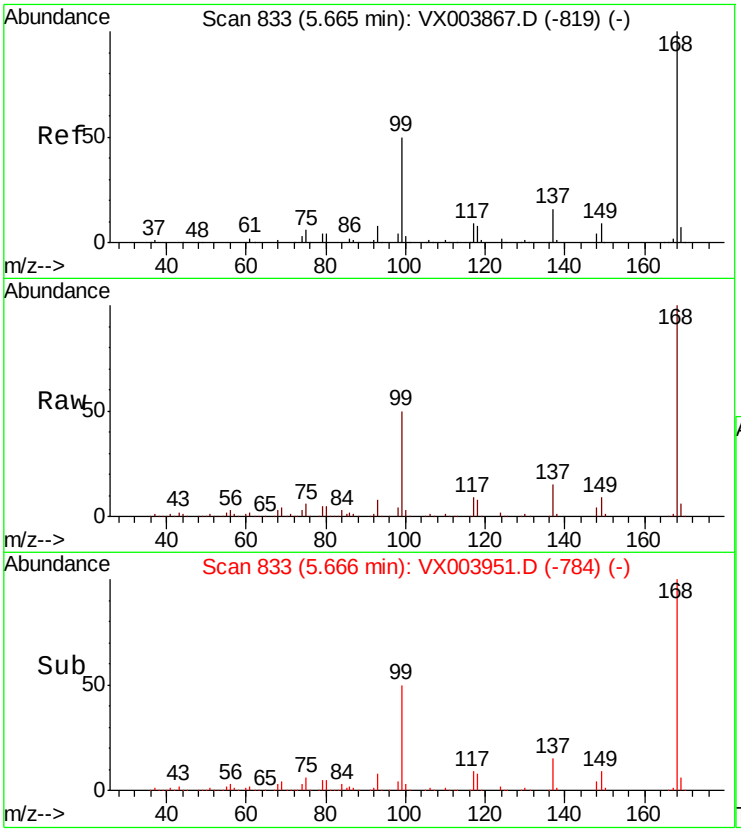
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080918\
Data File : VX003951.D
Acq On : 09 Aug 2018 15:30
Operator : JC/MD
Sample : J4387-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Quant Time: Aug 20 01:16:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration



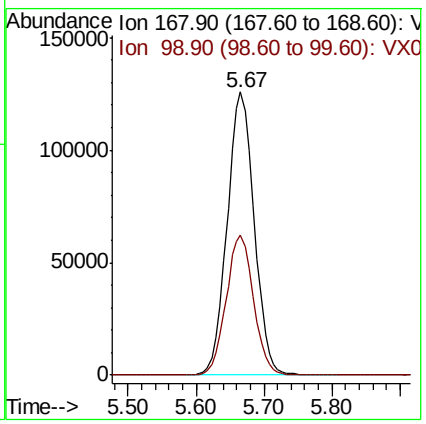


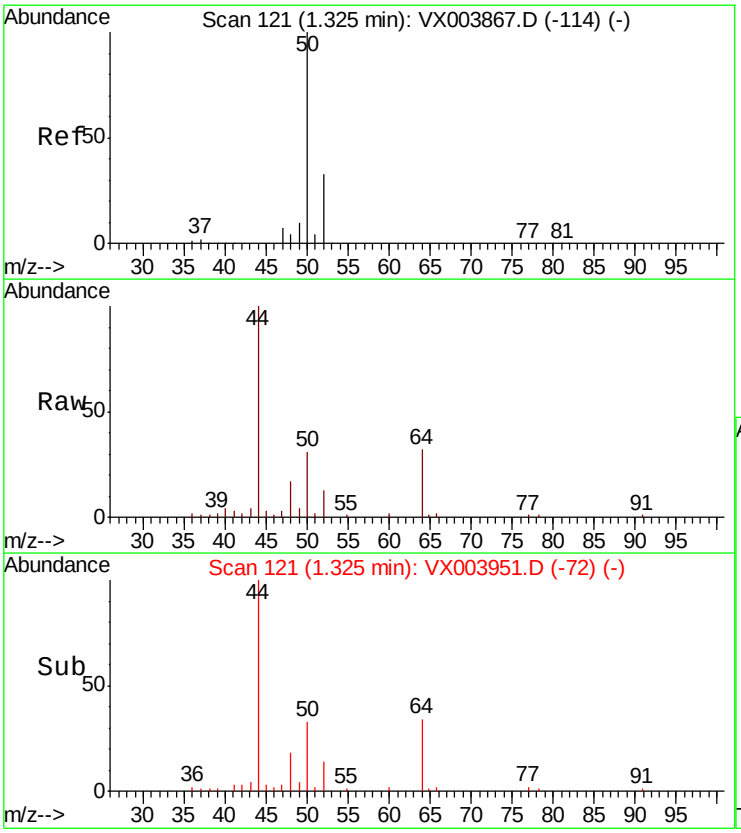
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion:168 Resp: 346749

Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.1	60.1

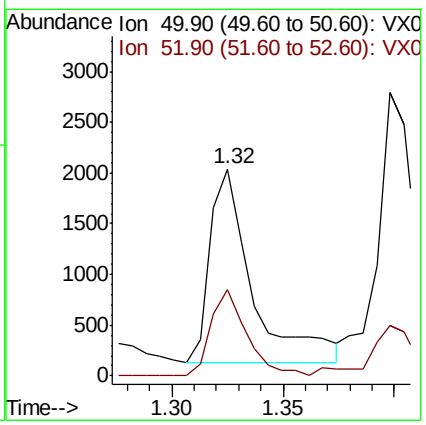


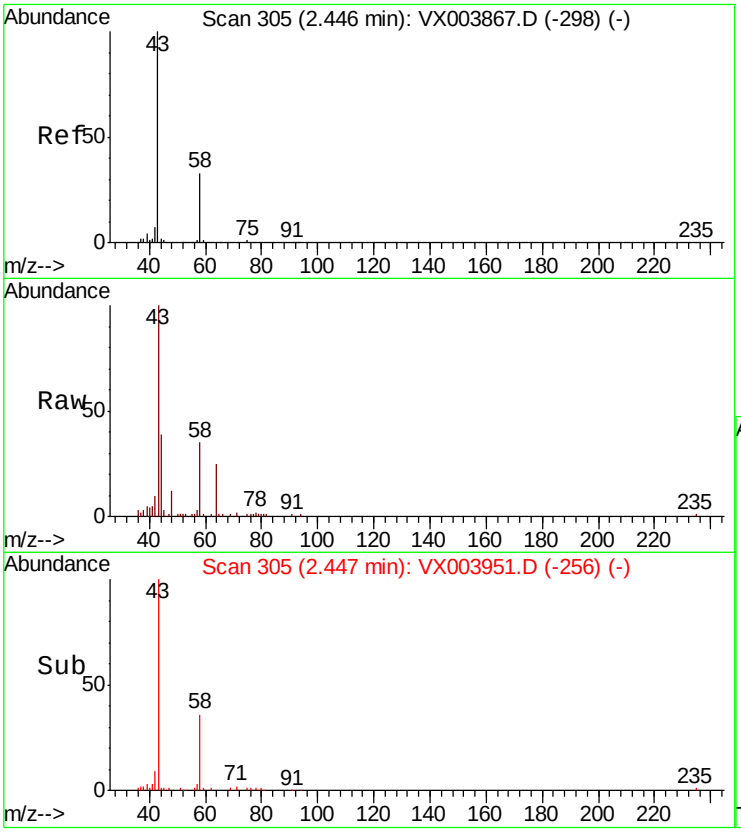


#3
Chloromethane
Concen: 0.530 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 50 Resp: 2532

Ion	Ratio	Lower	Upper
50	100		
52	44.6	26.6	39.8#



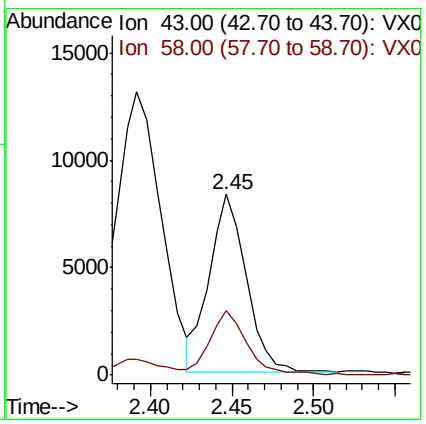


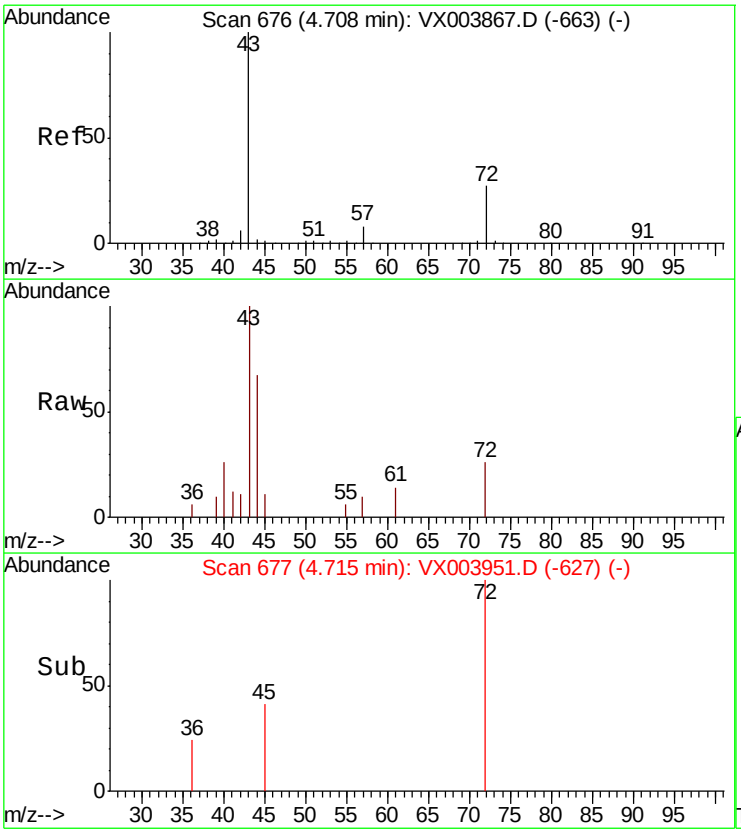
#16
Acetone
Concen: 4.807 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion: 43 Resp: 13145

Ion	Ratio	Lower	Upper
43	100		
58	35.3	26.4	39.6

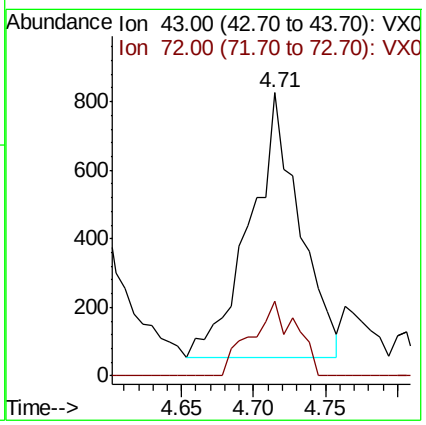


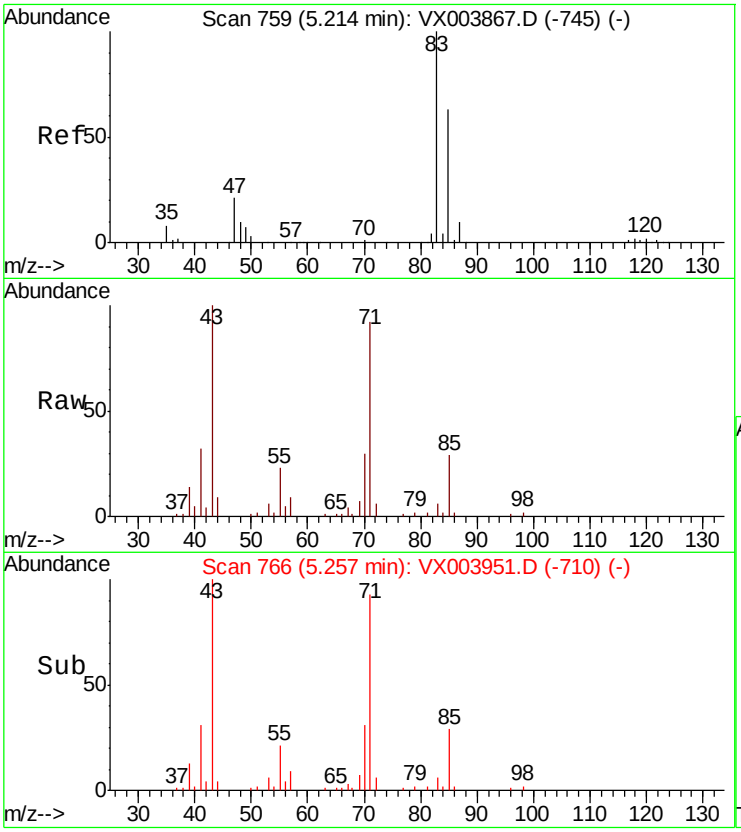


#25
2-Butanone
Concen: 0.447 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 43 Resp: 1839

Ion	Ratio	Lower	Upper
43	100		
72	28.2	21.4	32.0



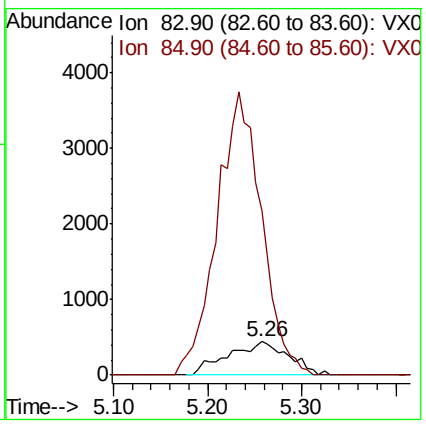


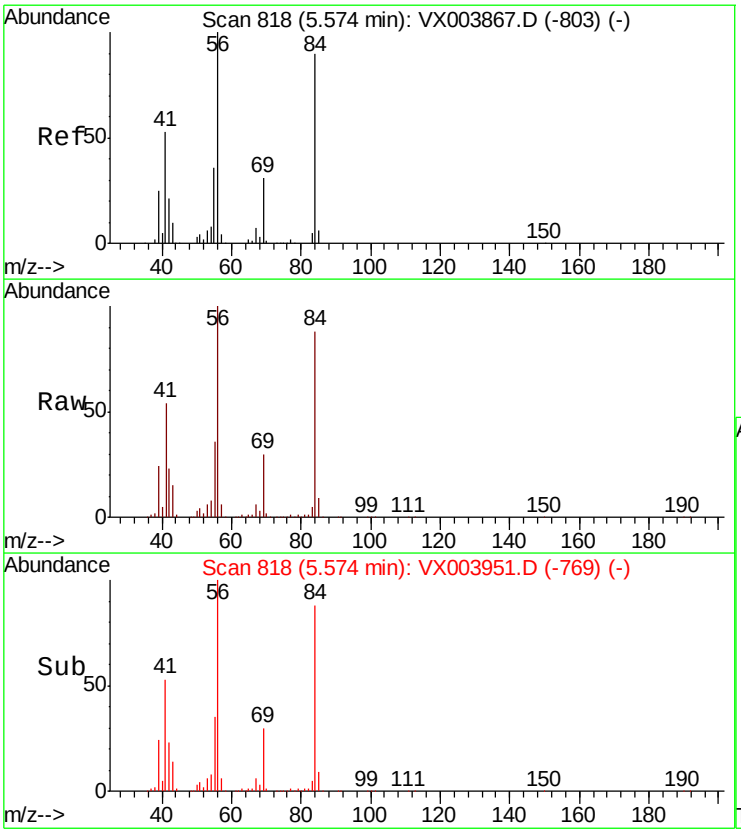
#30
Chloroform
Concen: 0.271 ug/l
RT: 5.26 min Scan# 766
Delta R.T. 0.04 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion: 83 Resp: 1995

Ion	Ratio	Lower	Upper
83	100		
85	490.5	50.7	76.1#

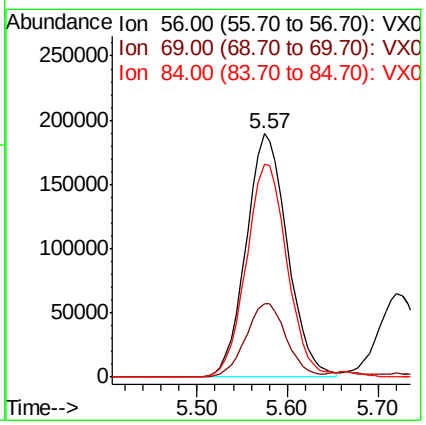


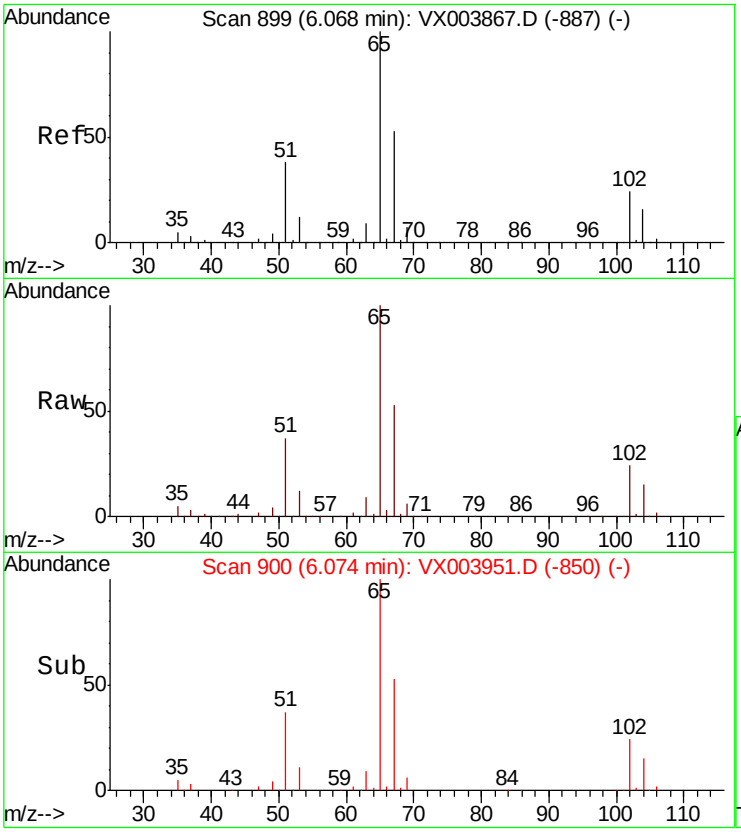


#31
Cyclohexane
Concen: 90.202 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 56 Resp: 597571

Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.9	37.3
84	87.7	71.7	107.5



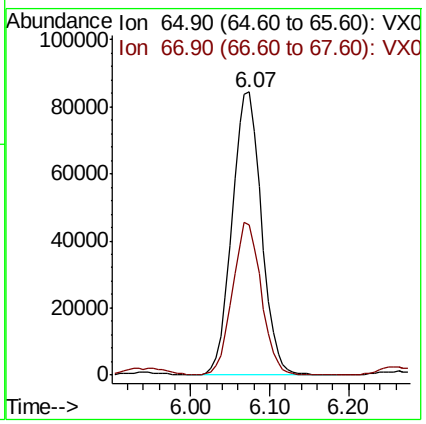


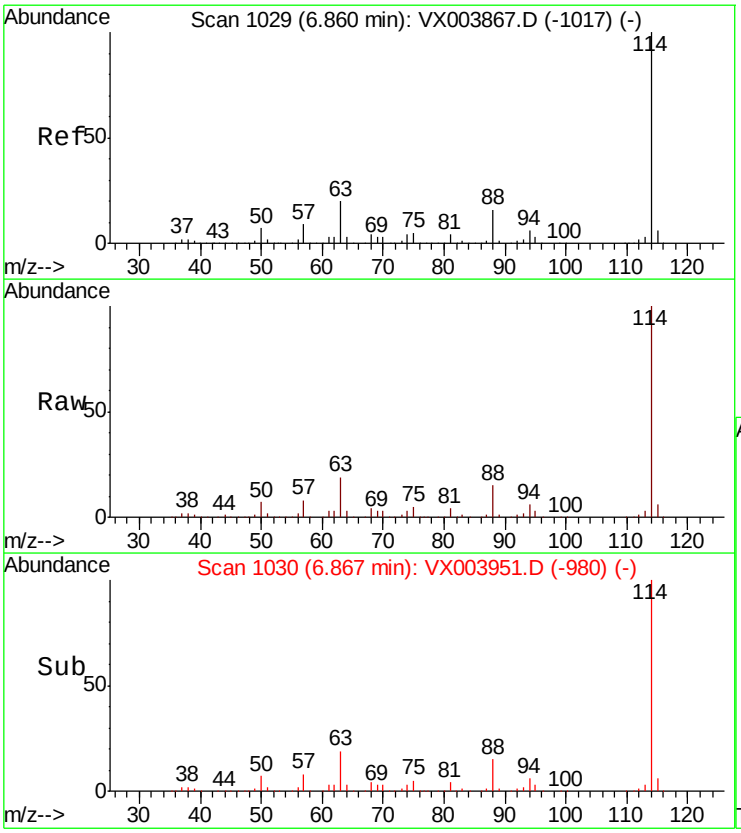
#33
1,2-Dichloroethane-d4
Concen: 47.448 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion: 65 Resp: 218094

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8

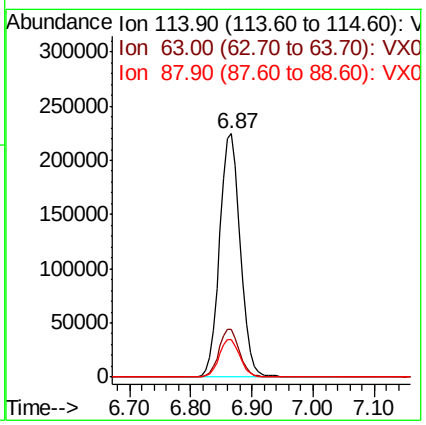


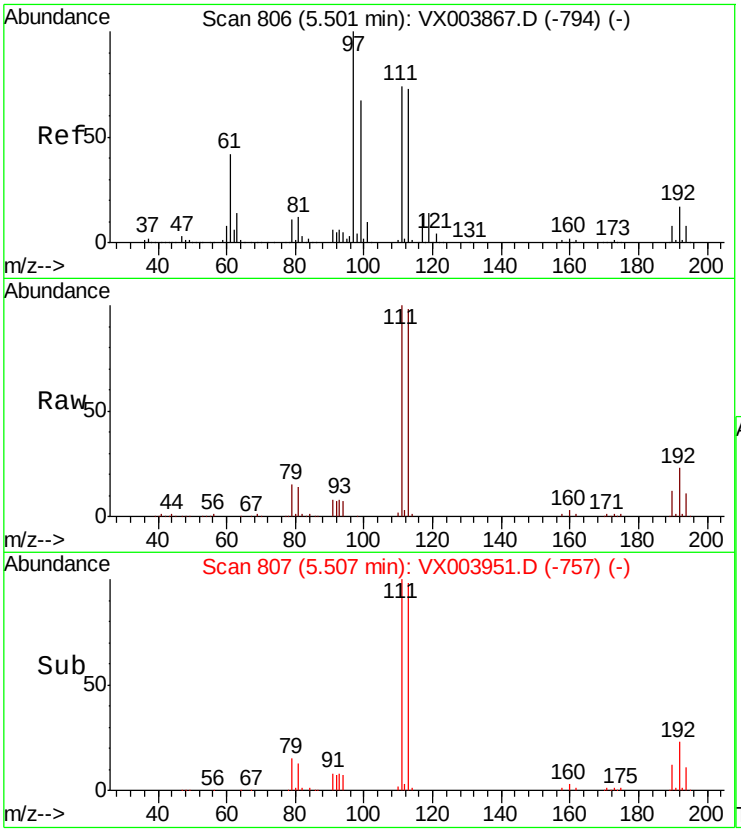


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion:114 Resp: 525617

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.3	0.0	32.0



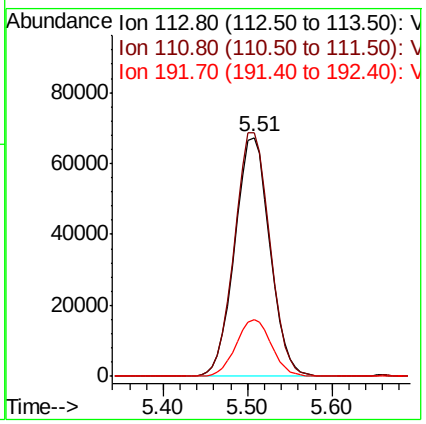


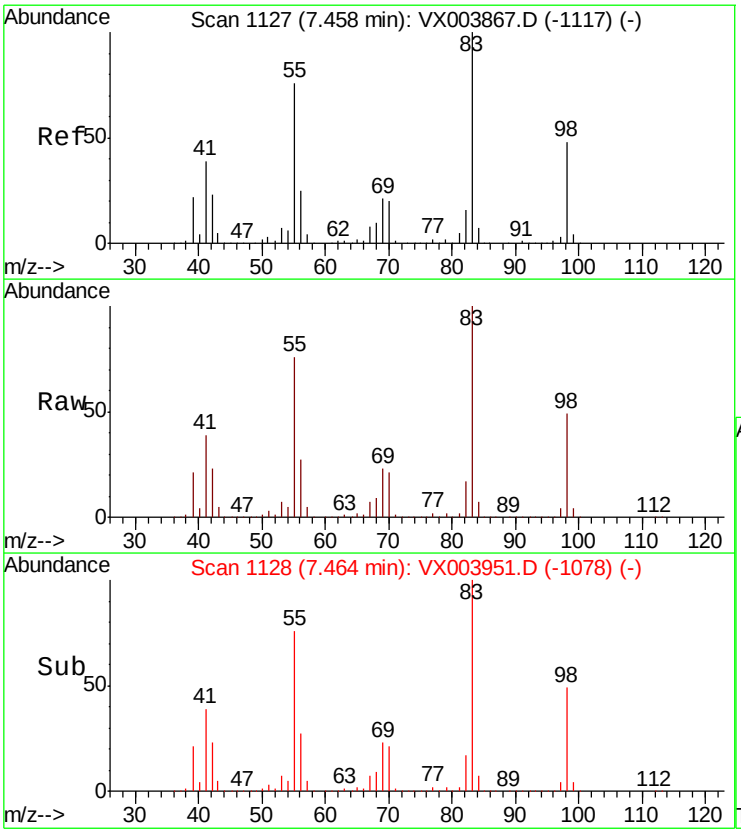
#35
Dibromofluoromethane
Concen: 47.652 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion:113 Resp: 189750

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	24.0	19.0	28.4

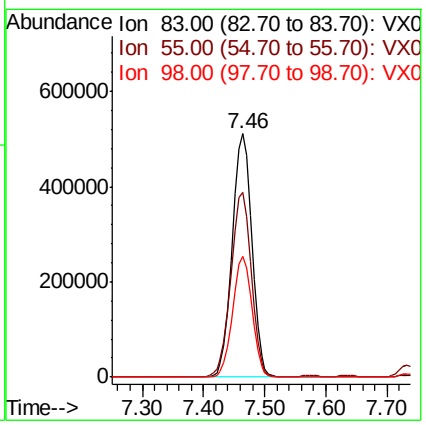


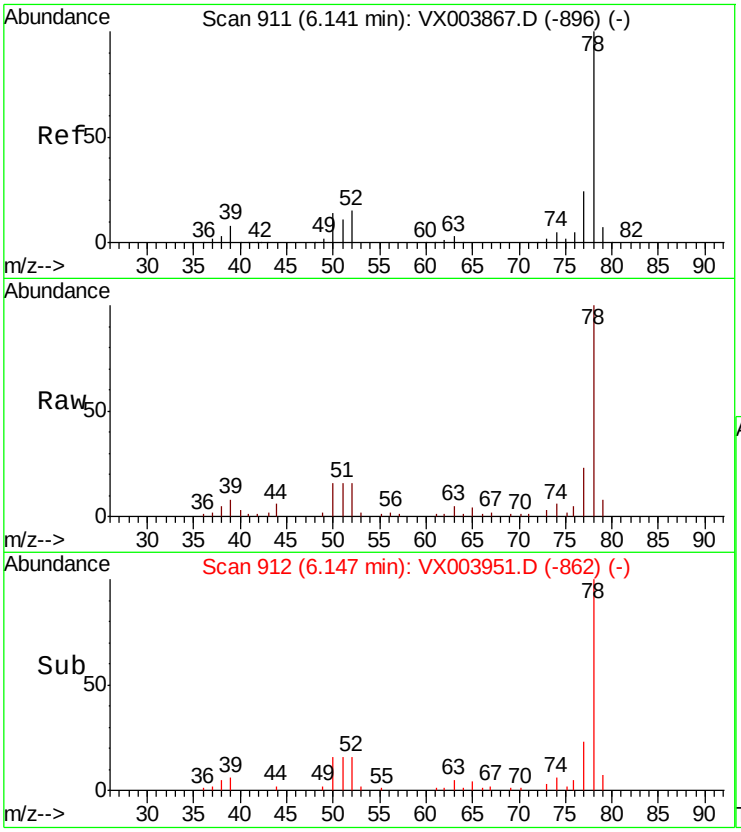


#39
Methylcyclohexane
Concen: 161.978 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 83 Resp: 1124258

Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.0	91.6
98	49.4	38.6	57.8



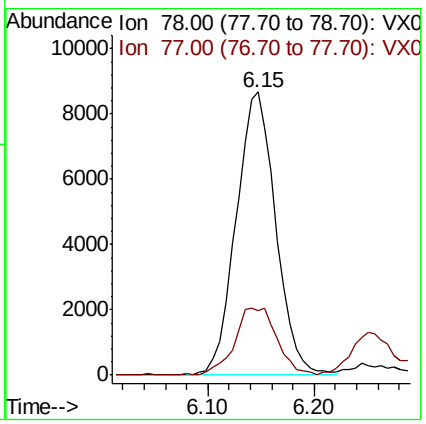


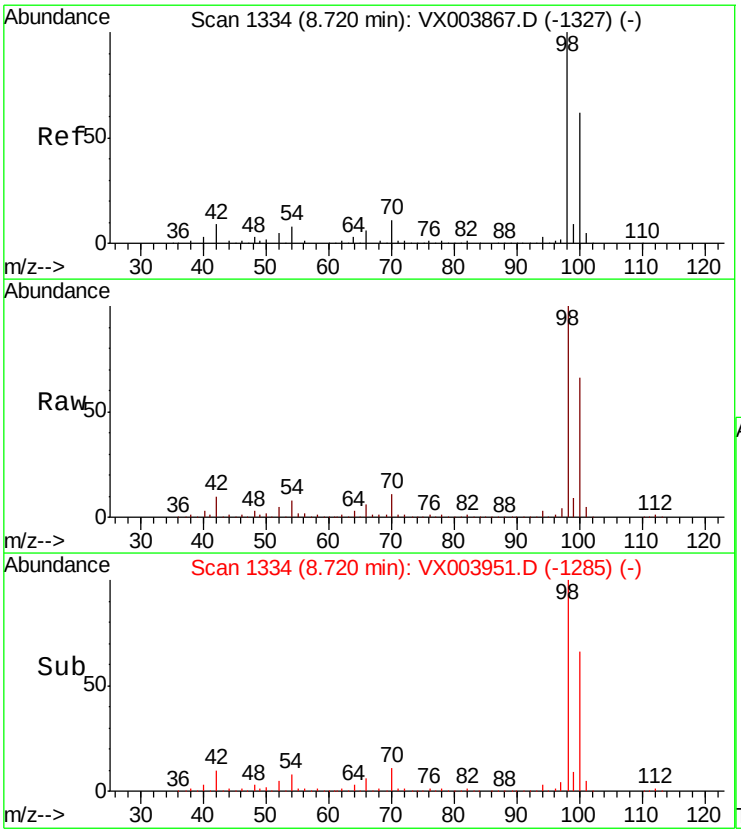
#40
Benzene
Concen: 1.282 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion: 78 Resp: 22655

Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.0	28.4

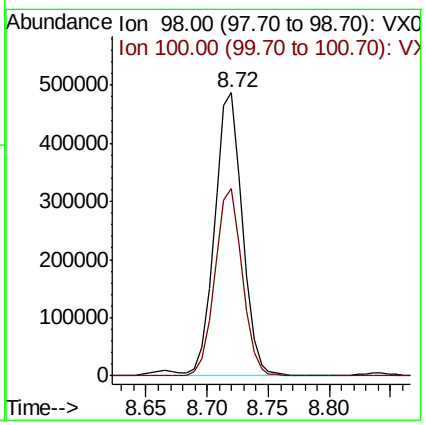


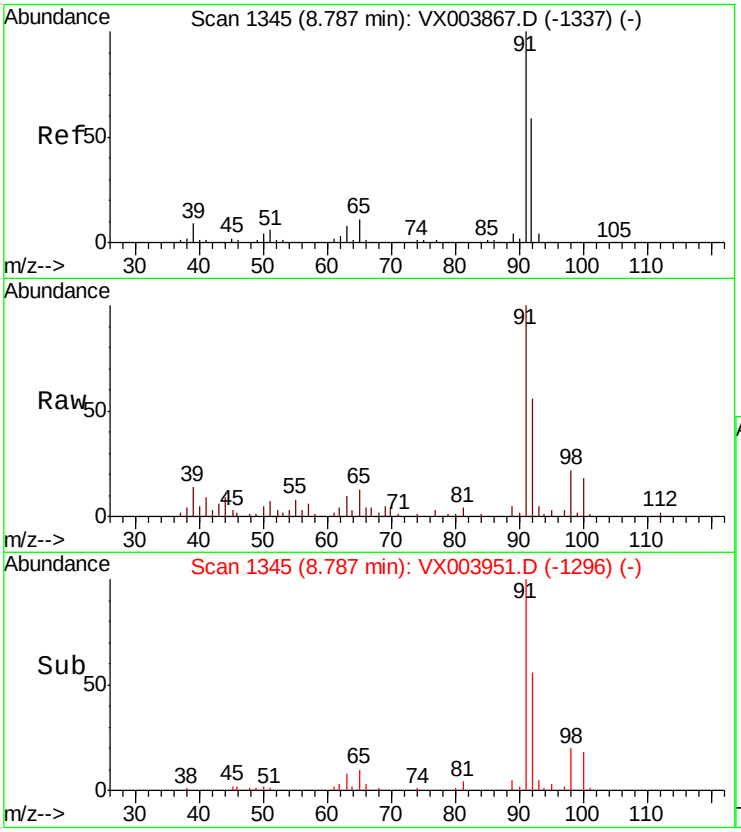


#50
Toluene-d8
Concen: 49.430 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 98 Resp: 765412

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.3	79.9



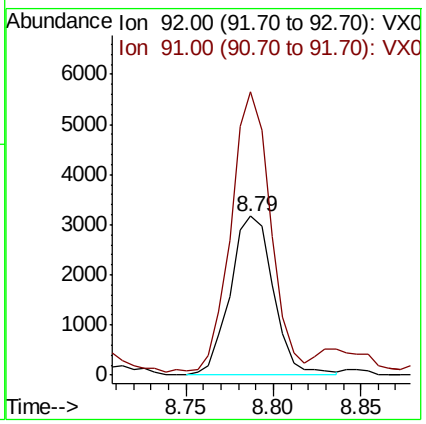


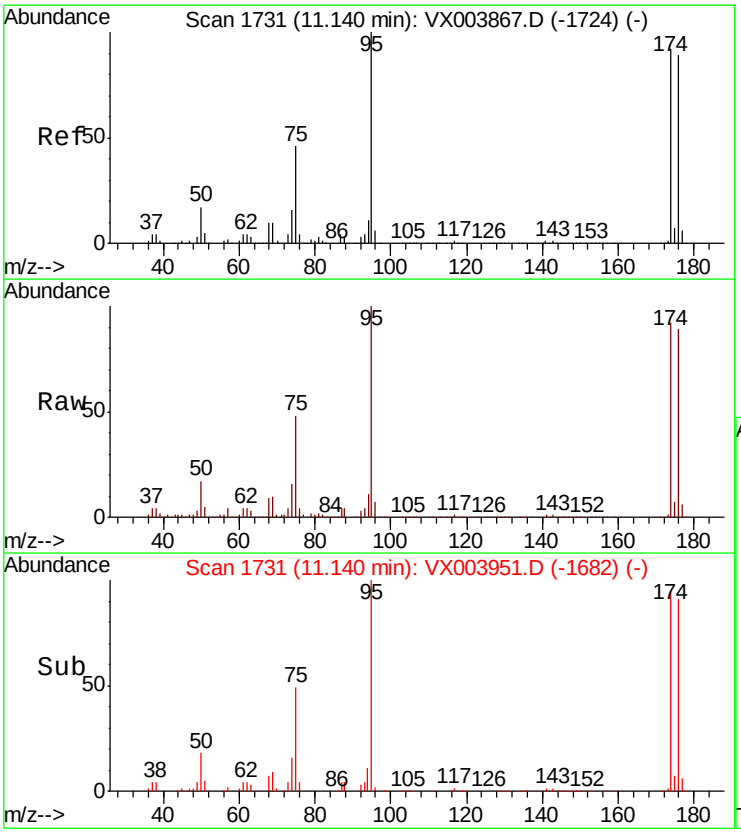
#52
Toluene
Concen: 0.488 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion: 92 Resp: 5447

Ion	Ratio	Lower	Upper
92	100		
91	157.8	136.1	204.1

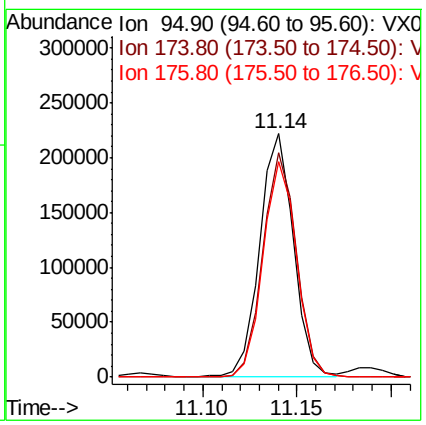


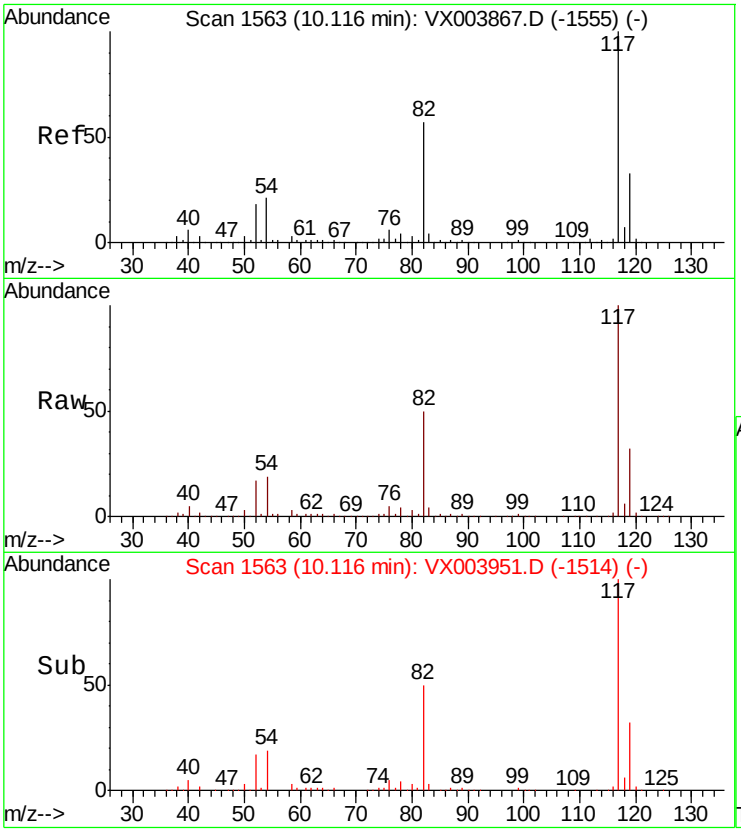


#62
4-Bromofluorobenzene
Concen: 54.719 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 95 Resp: 274173

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	182.8
176	88.3	0.0	179.0



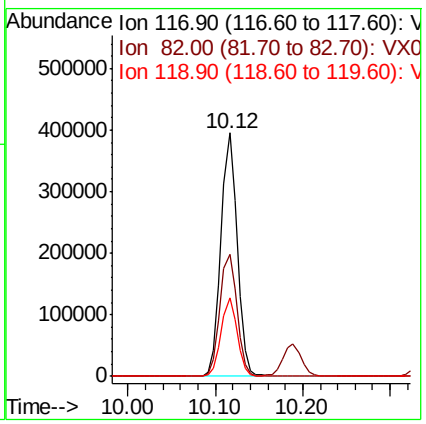


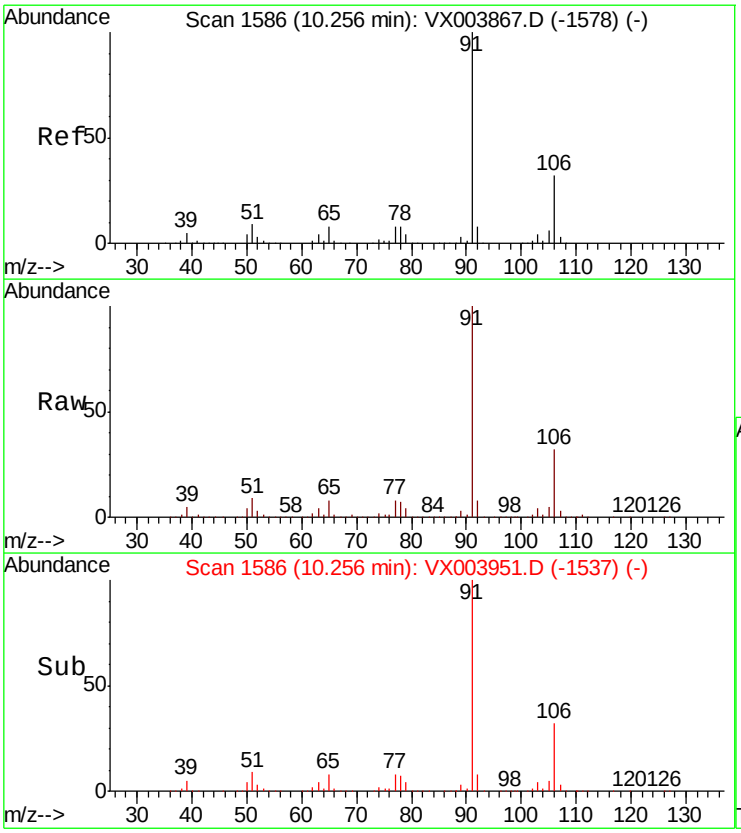
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument : MSVOA_X
ClientSampleId : FL-0567

Tgt Ion:117 Resp: 506291

Ion	Ratio	Lower	Upper
117	100		
82	50.2	45.4	68.0
119	32.3	26.6	40.0

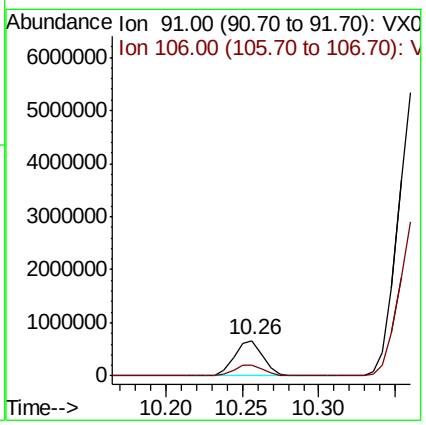


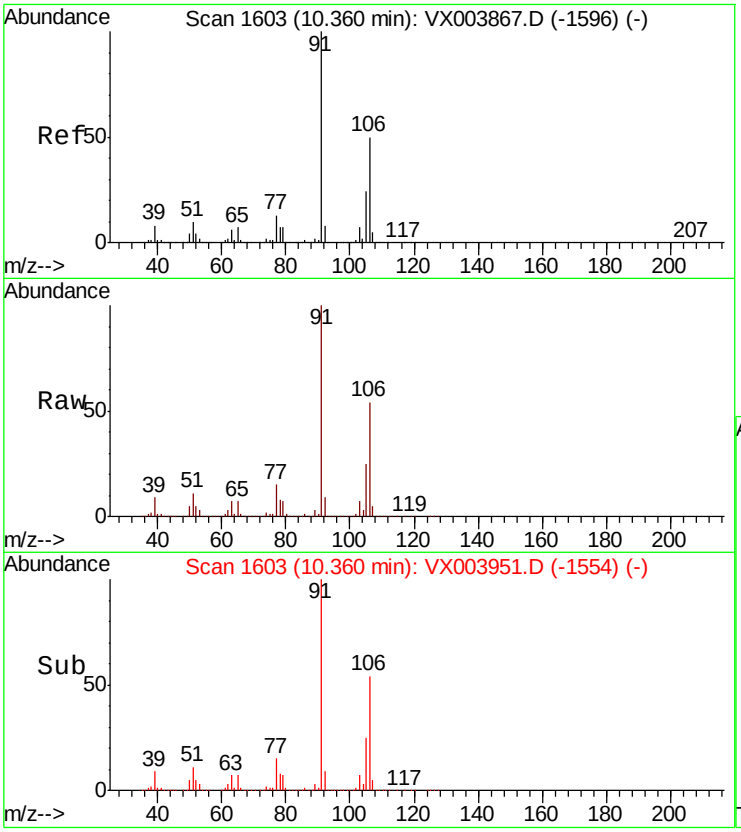


#67
Ethyl Benzene
Concen: 39.935 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 91 Resp: 861202

Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.9	38.9



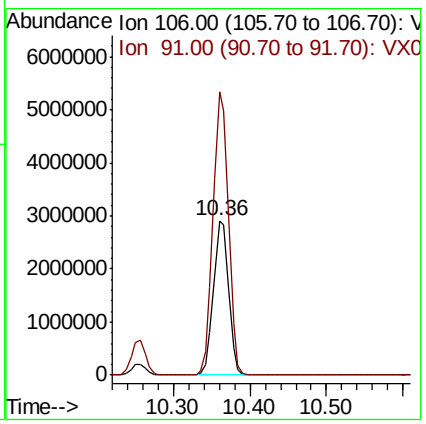


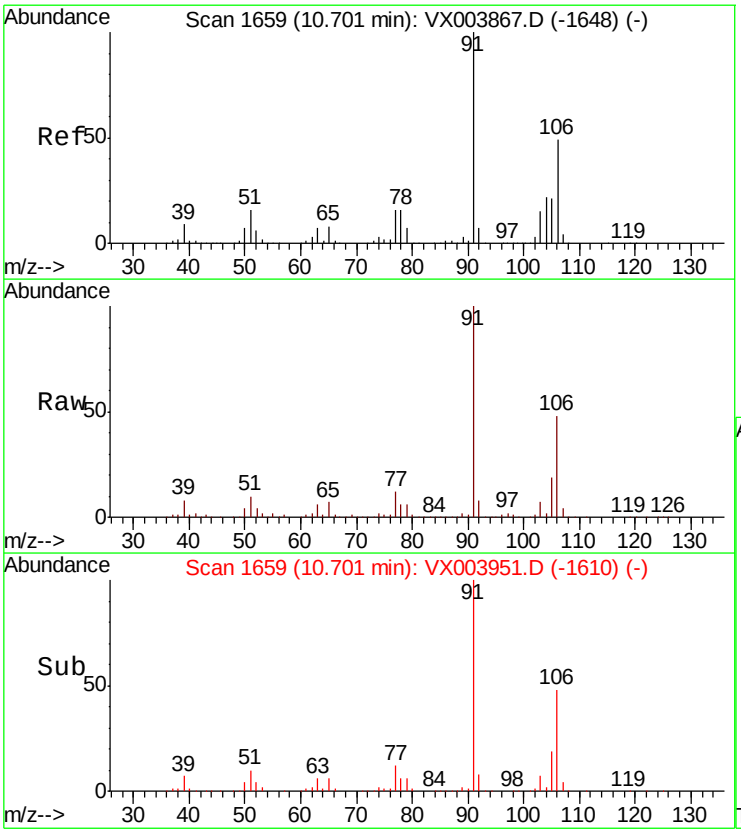
#68
m/p-Xylenes
Concen: 473.381 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion:106 Resp: 3988879

Ion	Ratio	Lower	Upper
106	100		
91	186.6	162.3	243.5

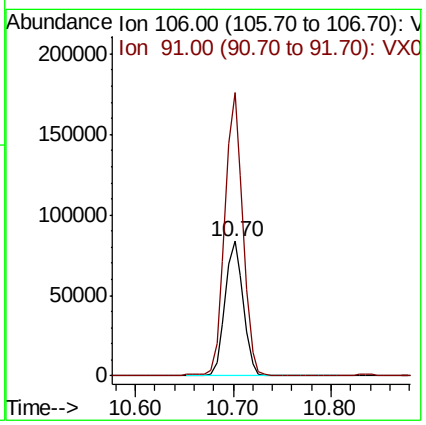


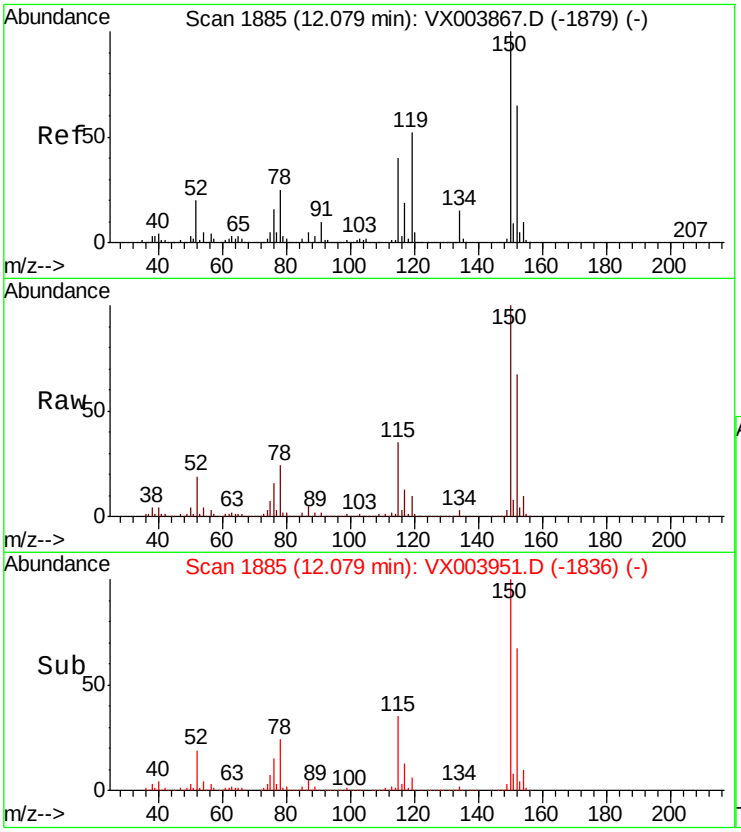


#69
o-Xylene
Concen: 13.537 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion:106 Resp: 107679

Ion	Ratio	Lower	Upper
106	100		
91	208.6	101.9	305.7



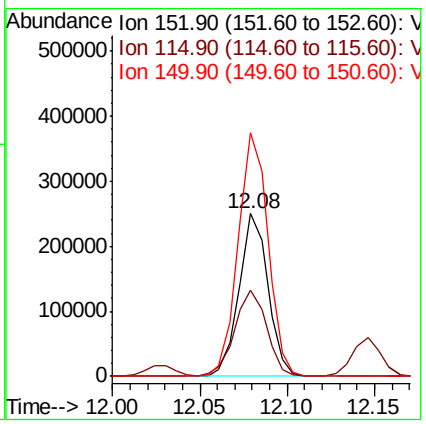


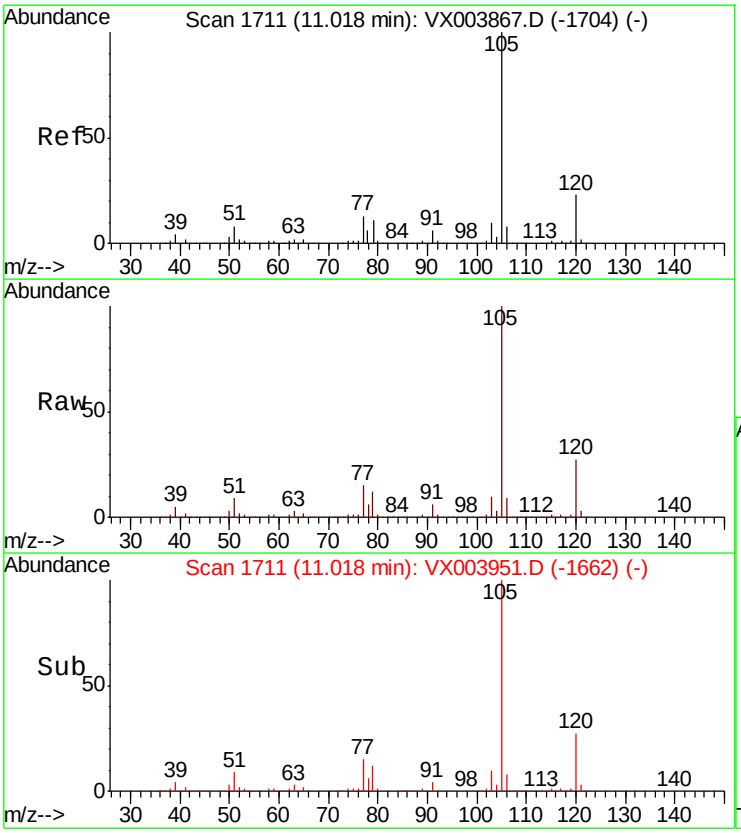
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion:152 Resp: 289053

Ion	Ratio	Lower	Upper
152	100		
115	58.2	39.1	117.3
150	154.6	0.0	349.2

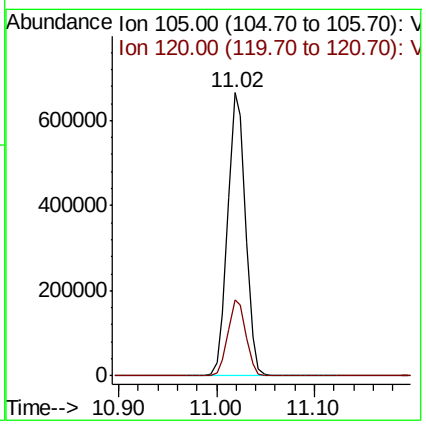


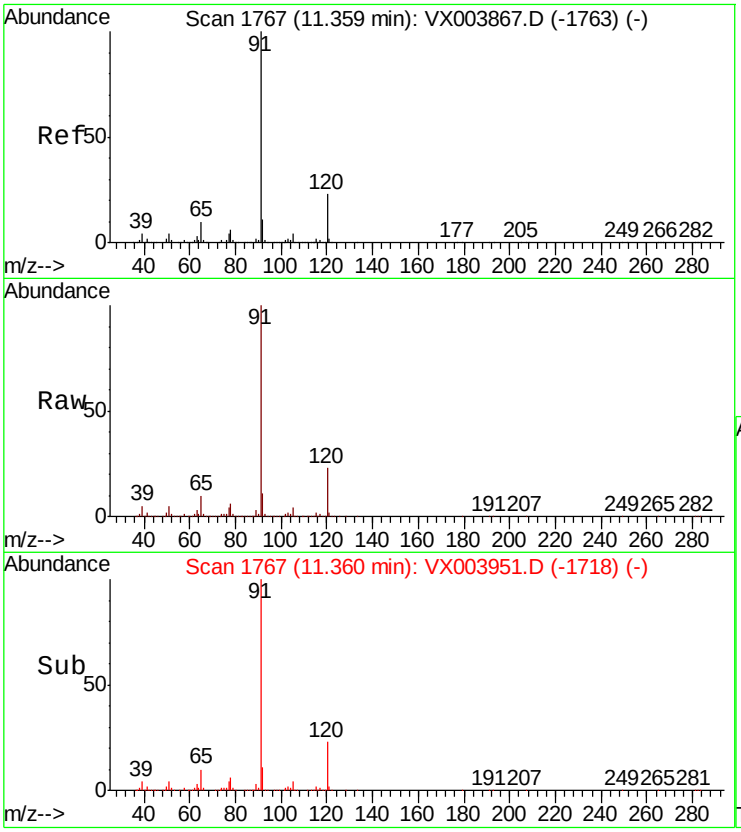


#73
Isopropylbenzene
Concen: 39.377 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion:105 Resp: 841988

Ion	Ratio	Lower	Upper
105	100		
120	26.9	12.6	37.8



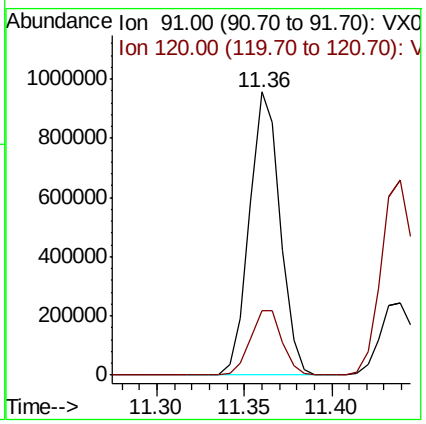


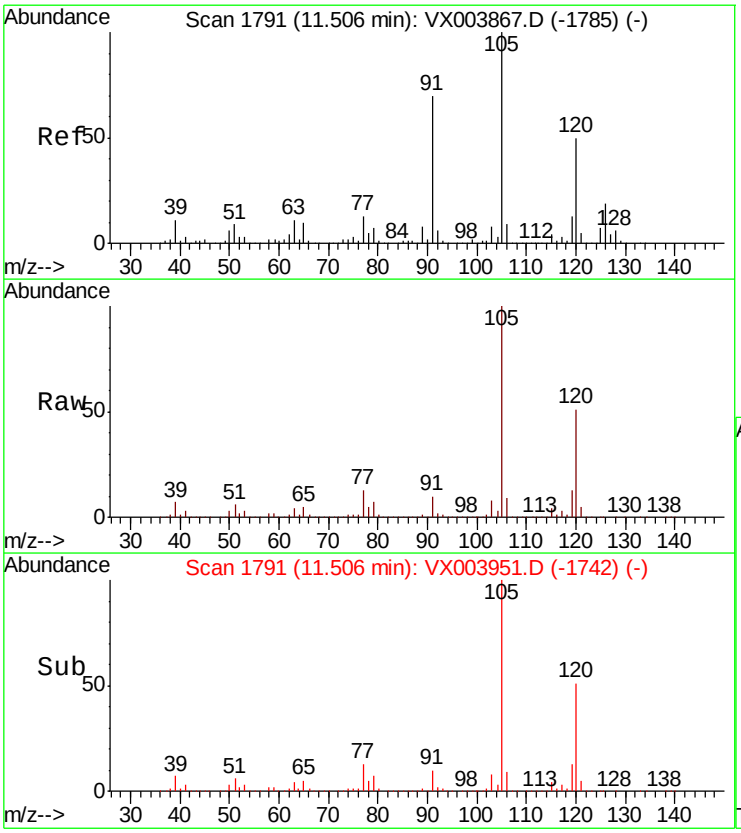
#78
n-propylbenzene
Concen: 48.615 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion: 91 Resp: 1167309

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5

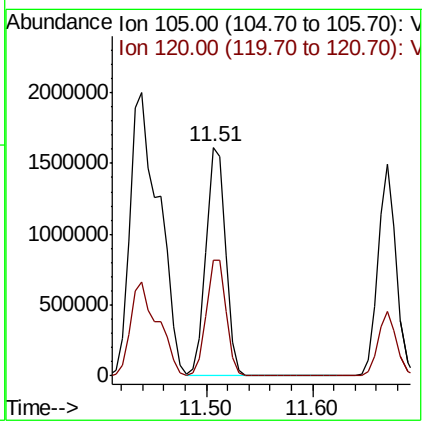


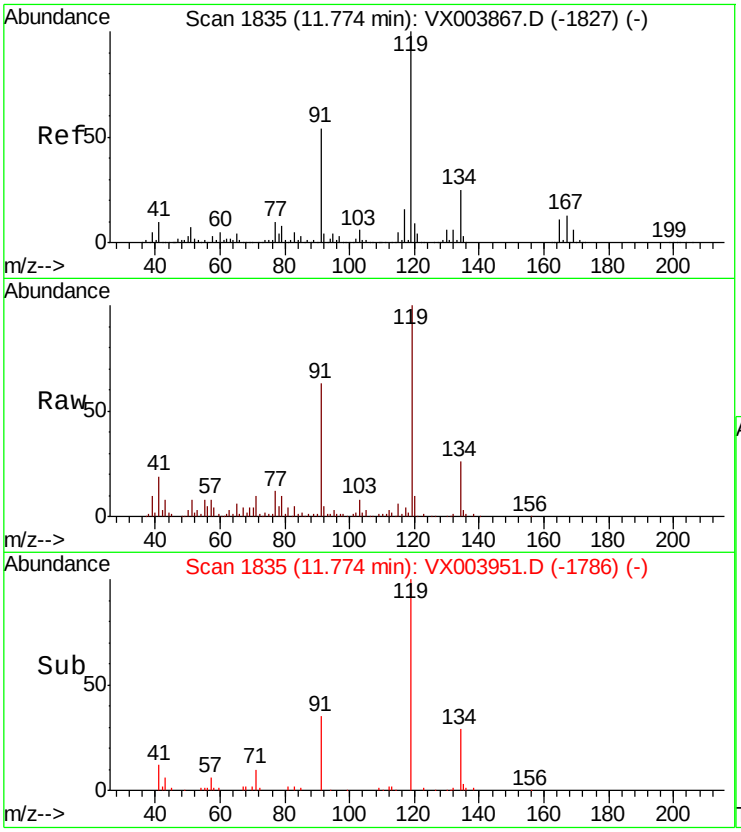


#80
1,3,5-Trimethylbenzene
Concen: 115.203 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion:105 Resp: 2008680

Ion	Ratio	Lower	Upper
105	100		
120	51.2	25.4	76.2



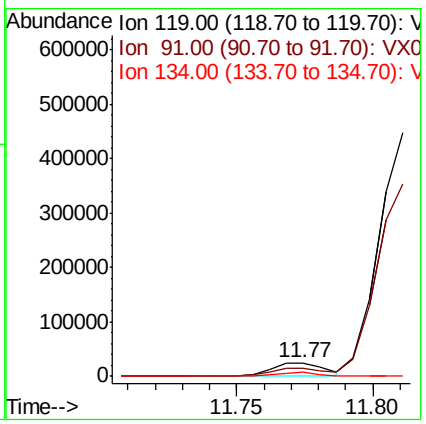


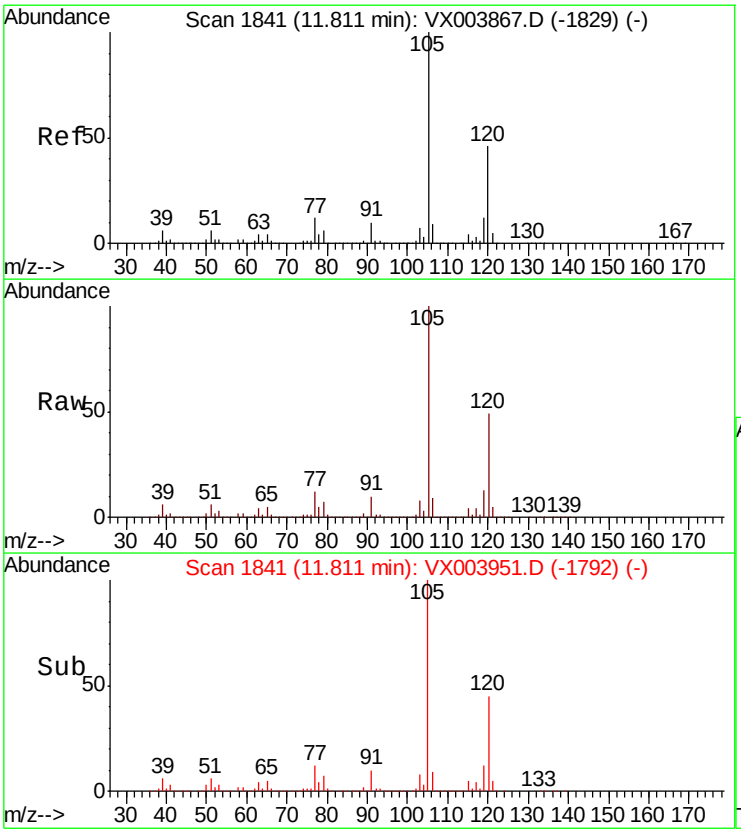
#83
tert-Butylbenzene
Concen: 1.915 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion:119 Resp: 32855

Ion	Ratio	Lower	Upper
119	100		
91	65.5	26.9	80.7
134	26.5	12.0	36.0

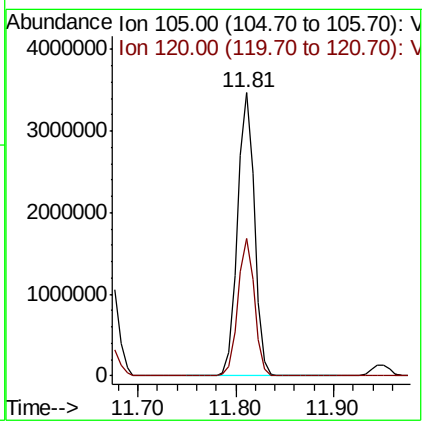


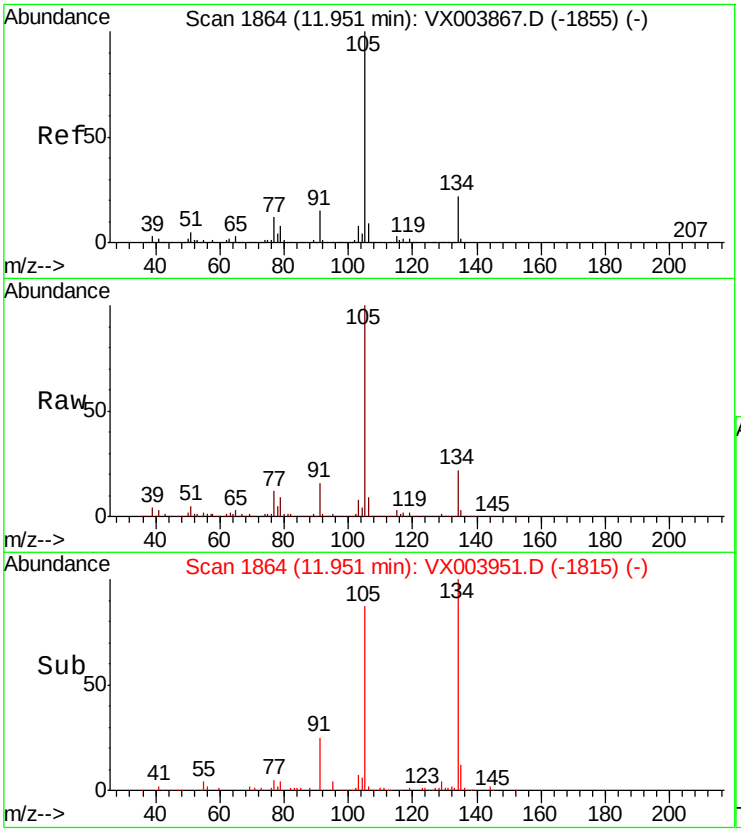


#84
1,2,4-Trimethylbenzene
Concen: 236.327 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion:105 Resp: 4143233

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.1	69.2



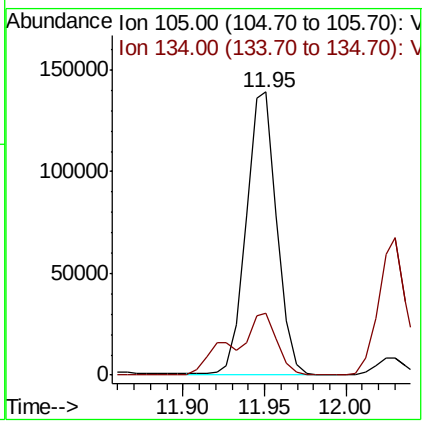


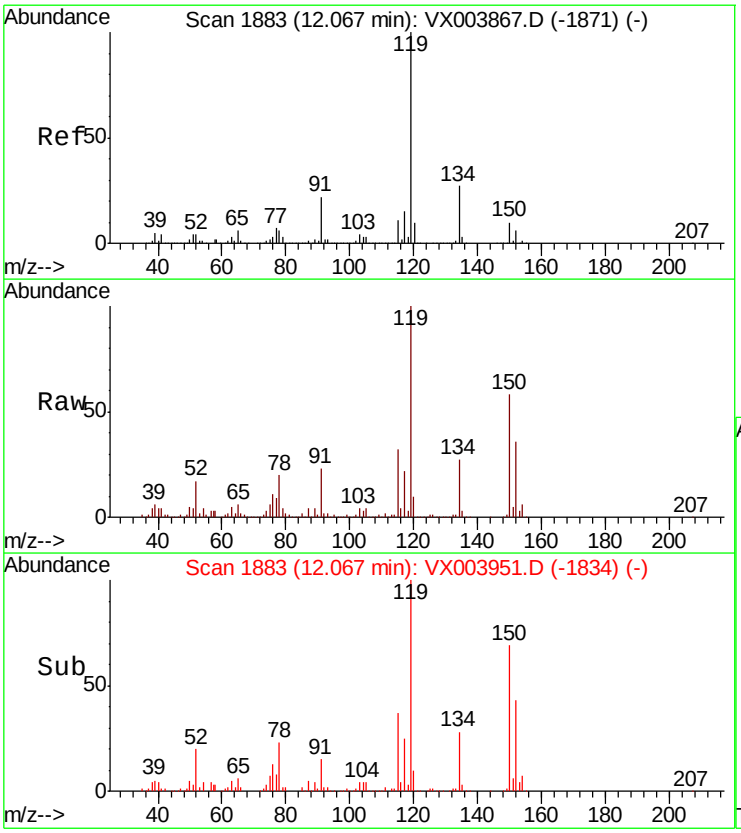
#85
sec-Butylbenzene
Concen: 8.920 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion:105 Resp: 180559

Ion	Ratio	Lower	Upper
105	100		
134	31.9	10.3	30.9#

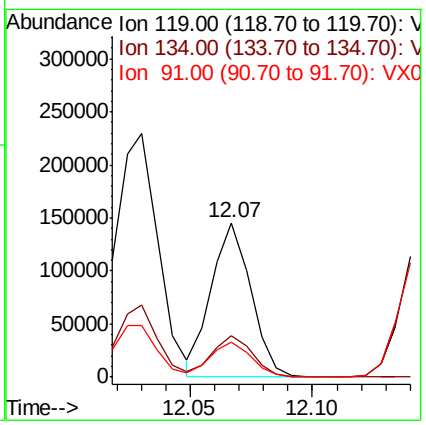


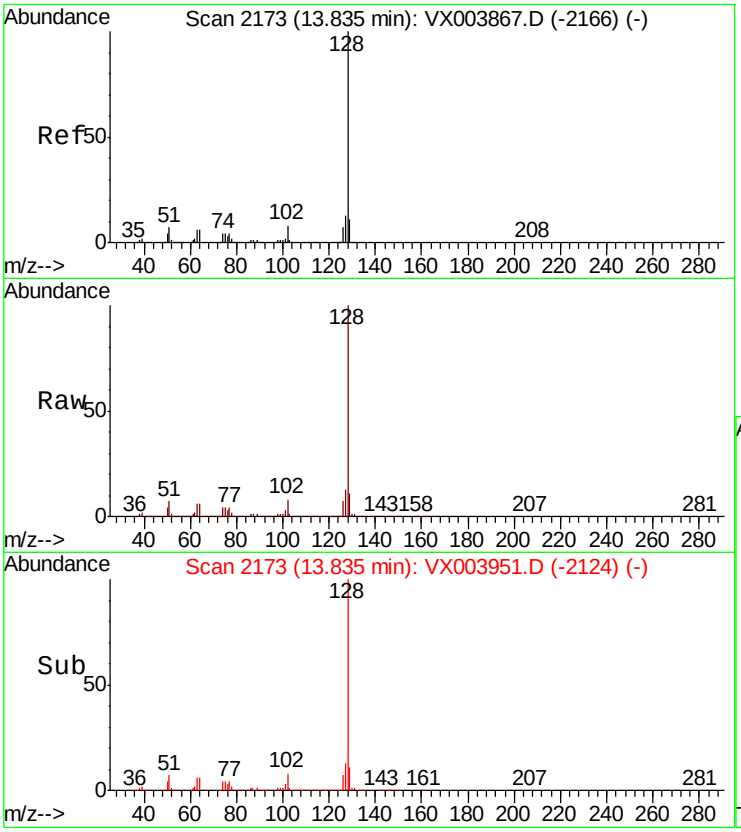


#86
p-Isopropyltoluene
Concen: 9.016 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion:119 Resp: 163769

Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.3	39.8
91	22.9	10.9	32.7





#95
Naphthalene
Concen: 52.192 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tgt Ion:128 Resp: 1123675

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.6	8.8	13.2