Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016222.D
Acq On : 14 May 2020 11:52
Operator : JC/SP
Sample : L2596-01 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : R-1U

Quant Time: May 15 09:20:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	235961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	396038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	145726	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.86%			
35) Dibromofluoromethane	5.47	113	121351	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.72%			
50) Toluene-d8	8.70	98	485175	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
62) 4-Bromofluorobenzene	11.12	95	201497	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.60%			
Target Compounds						Qvalue
16) Acetone	2.43	43	15027	10.846	ug/l	95
17) Carbon Disulfide	2.54	76	762009	103.672	ug/l	99
40) Benzene	6.12	78	6591	0.578	ug/l	94
52) Toluene	8.76	92	2081	0.293	ug/l	98
68) m/p-Xylenes	10.34	106	2489	0.457	ug/l	92
69) o-Xylene	10.68	106	1339	0.256	ug/l	99
95) Naphthalene	13.82	128	183232	11.378	ug/l	99

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

Quantitation Report (QT Reviewed)

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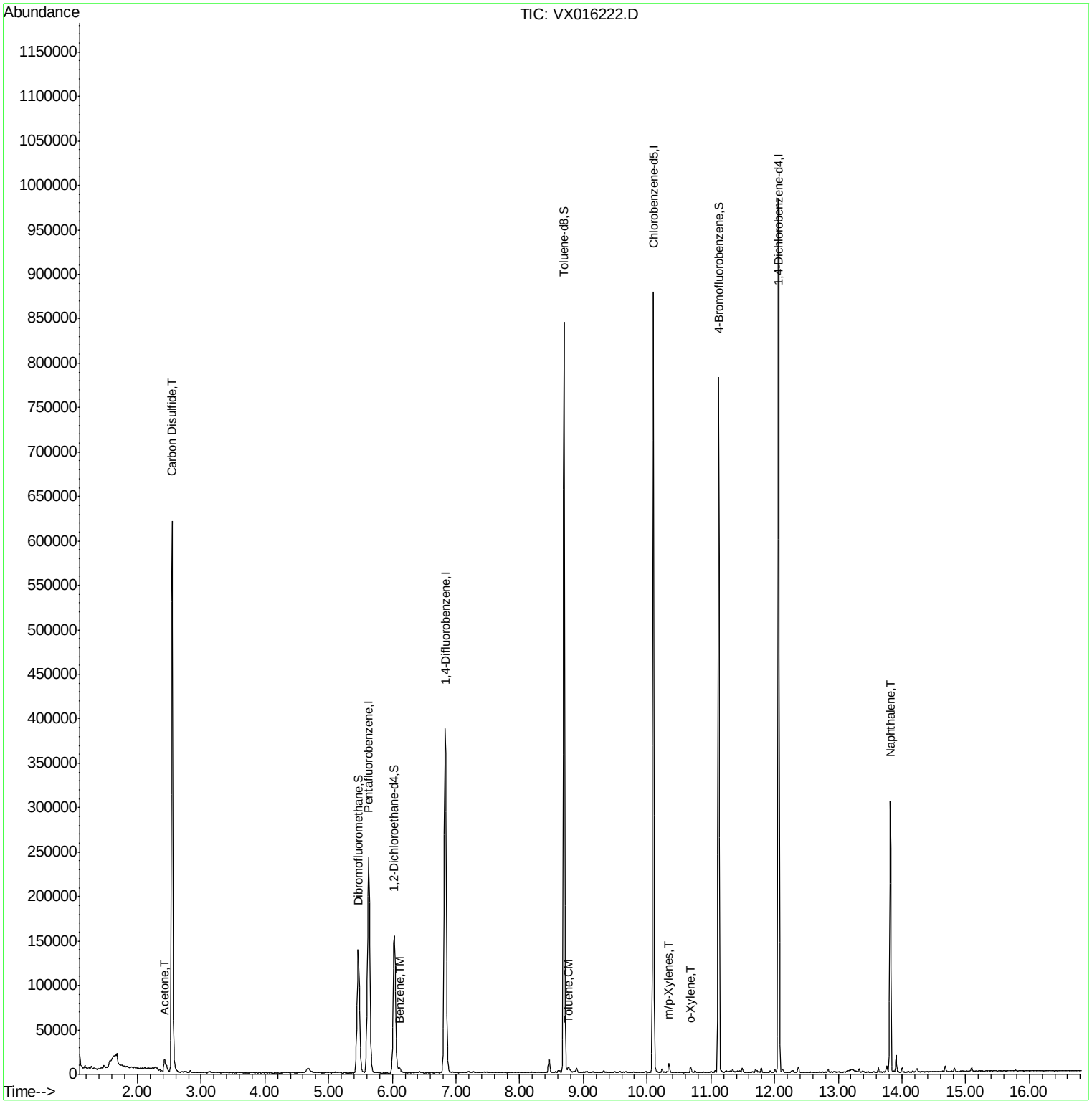
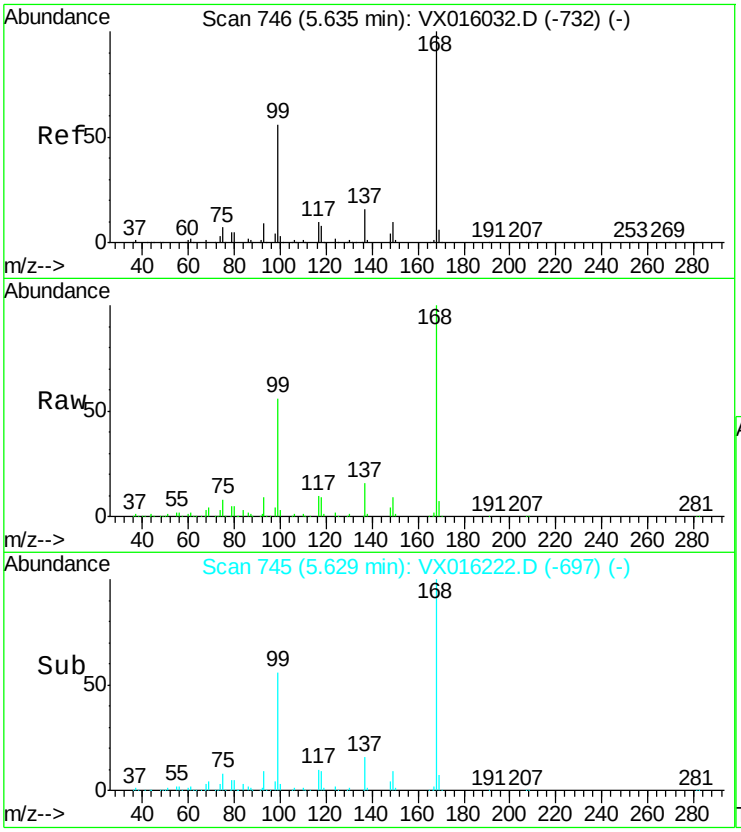


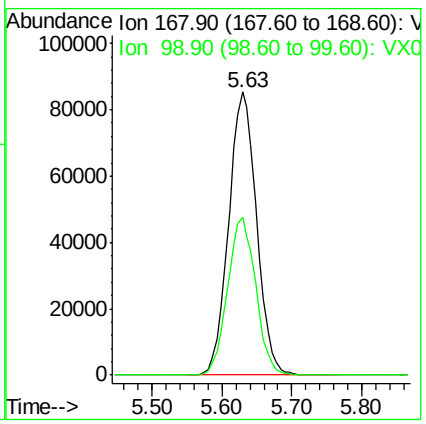


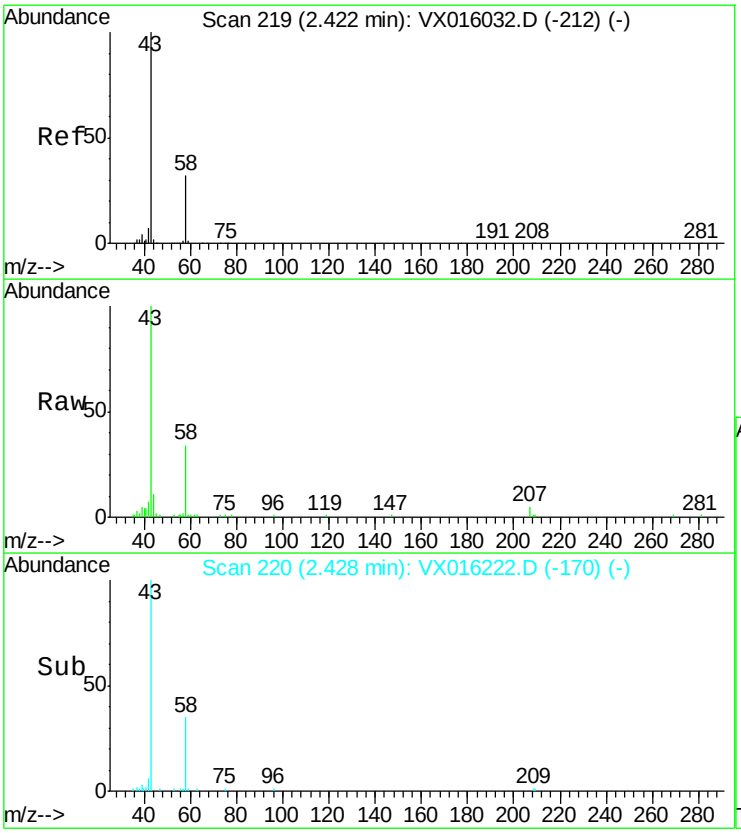
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion:168 Resp: 235961

Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.0	67.4

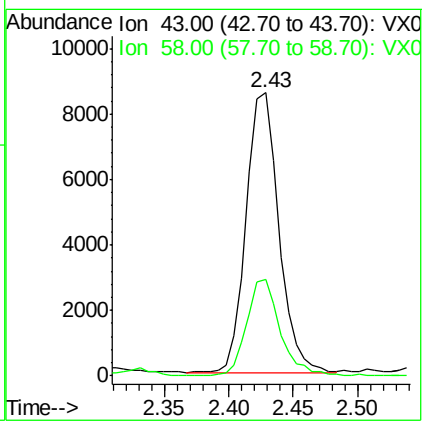


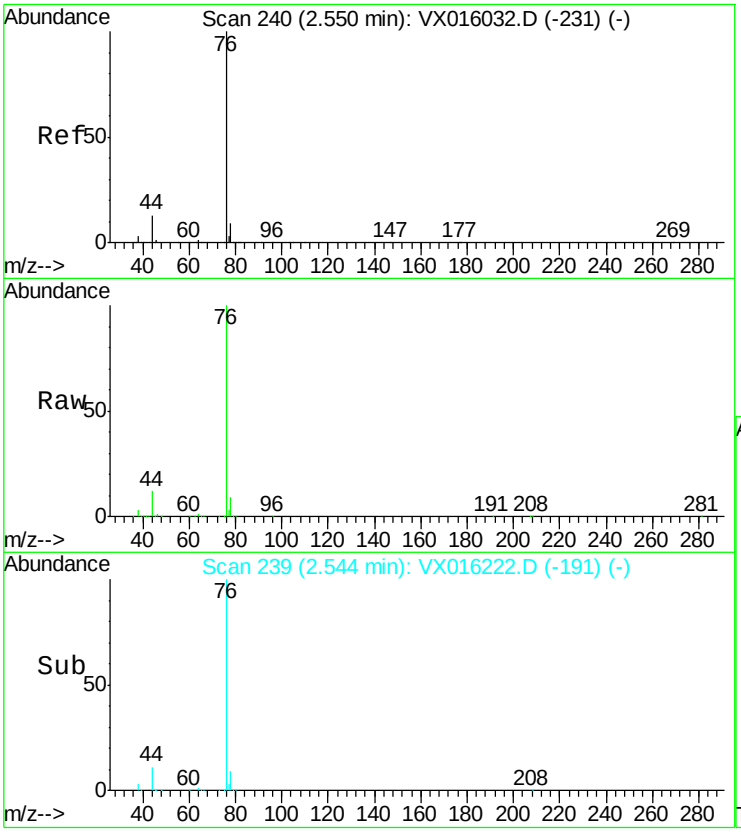


#16
Acetone
Concen: 10.846 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 43 Resp: 15027

Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.4	38.0



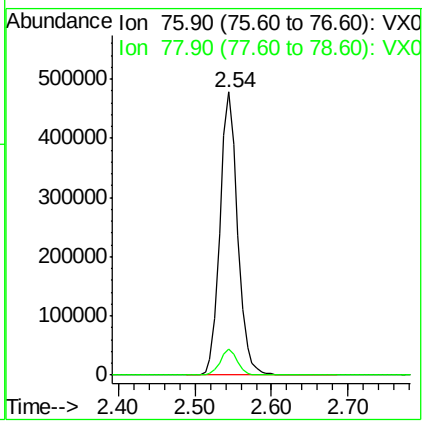


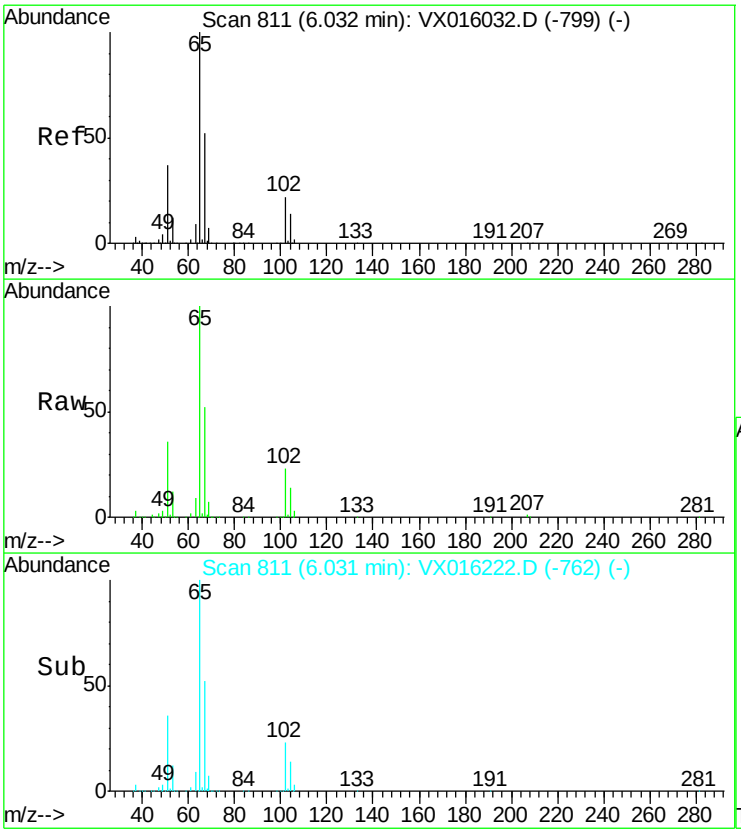
#17
Carbon Disulfide
Concen: 103.672 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion: 76 Resp: 762009

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

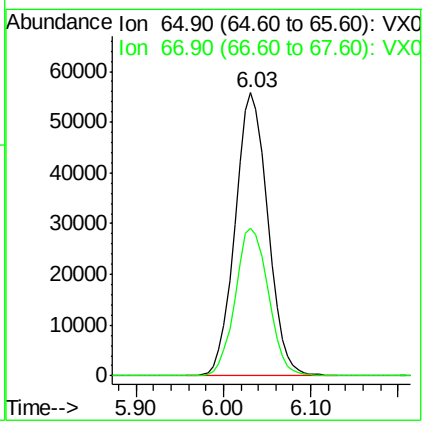


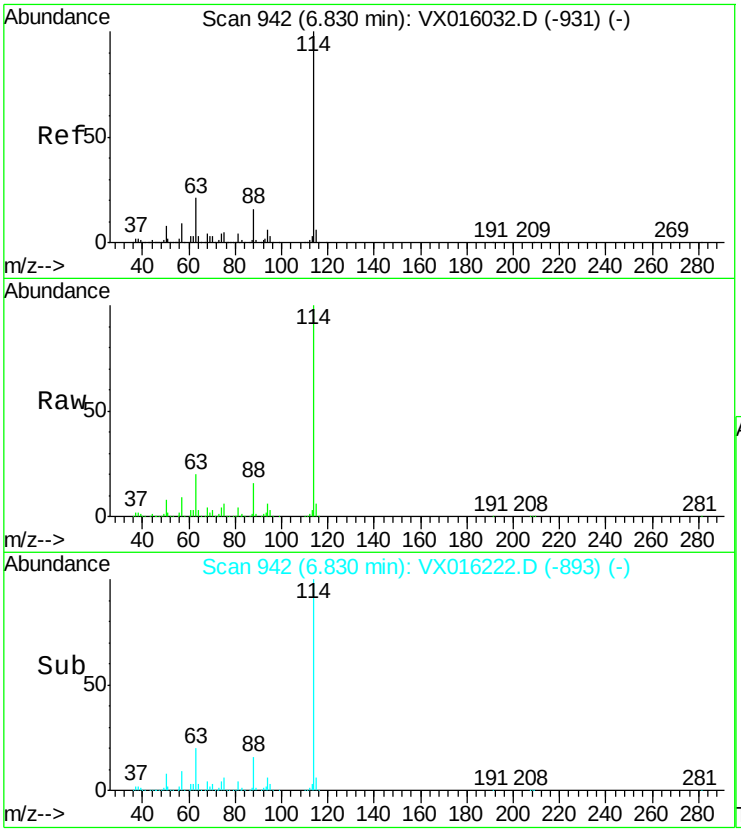


#33
1,2-Dichloroethane-d4
Concen: 46.933 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 65 Resp: 145726

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.8



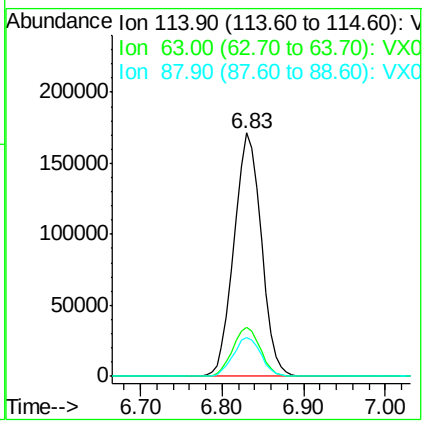


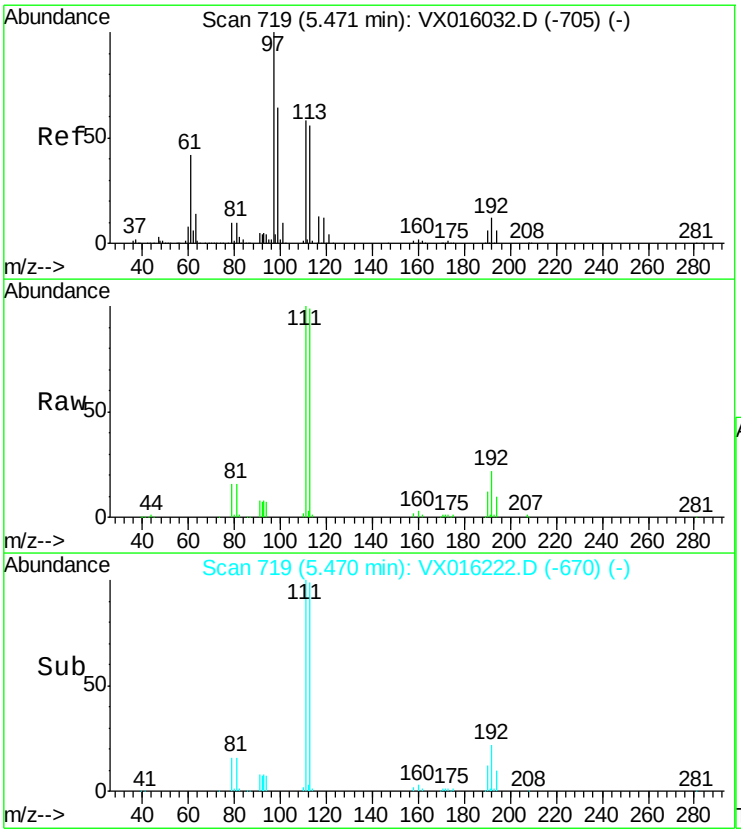
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion:114 Resp: 396038

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.8
88	16.0	0.0	31.4

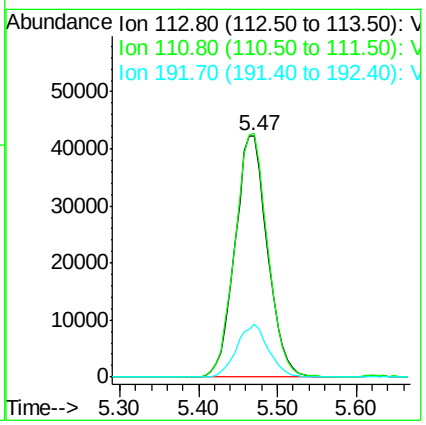


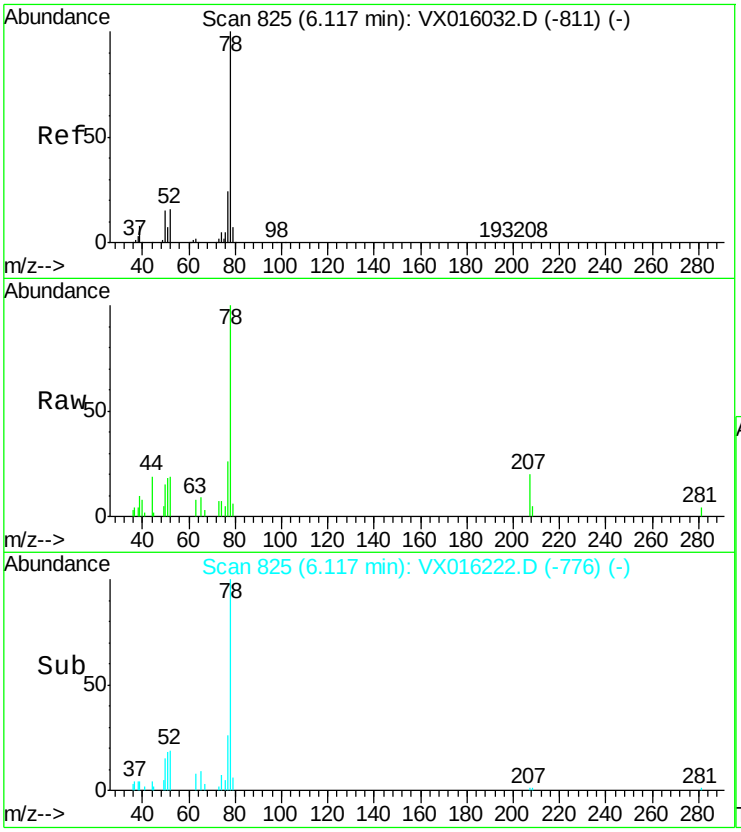


#35
Dibromofluoromethane
Concen: 48.365 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:113 Resp: 121351

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	21.4	17.0	25.4



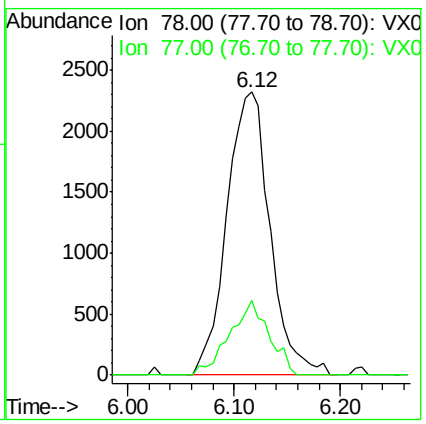


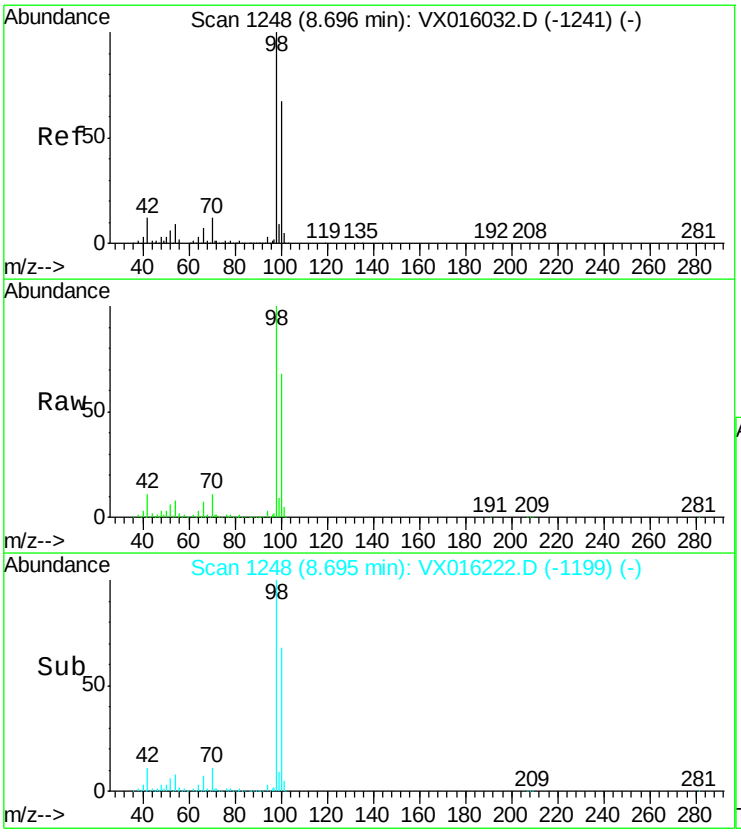
#40
Benzene
Concen: 0.578 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion: 78 Resp: 6591

Ion	Ratio	Lower	Upper
78	100		
77	26.5	19.0	28.4

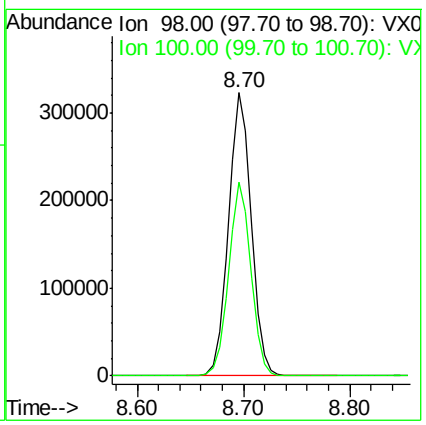


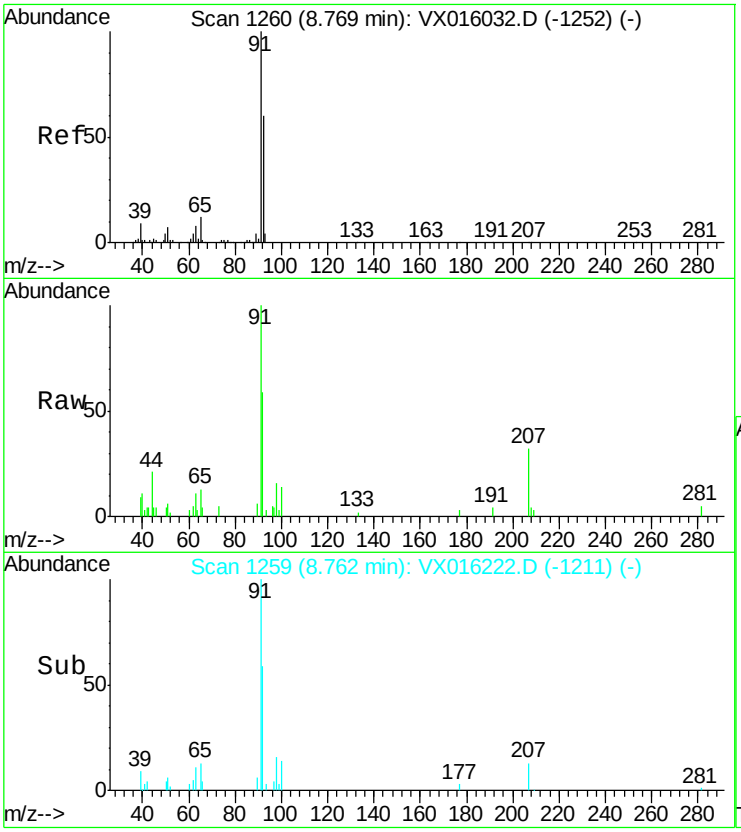


#50
Toluene-d8
Concen: 50.186 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 98 Resp: 485175

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5



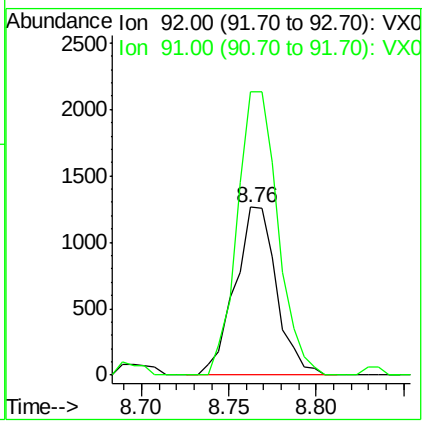


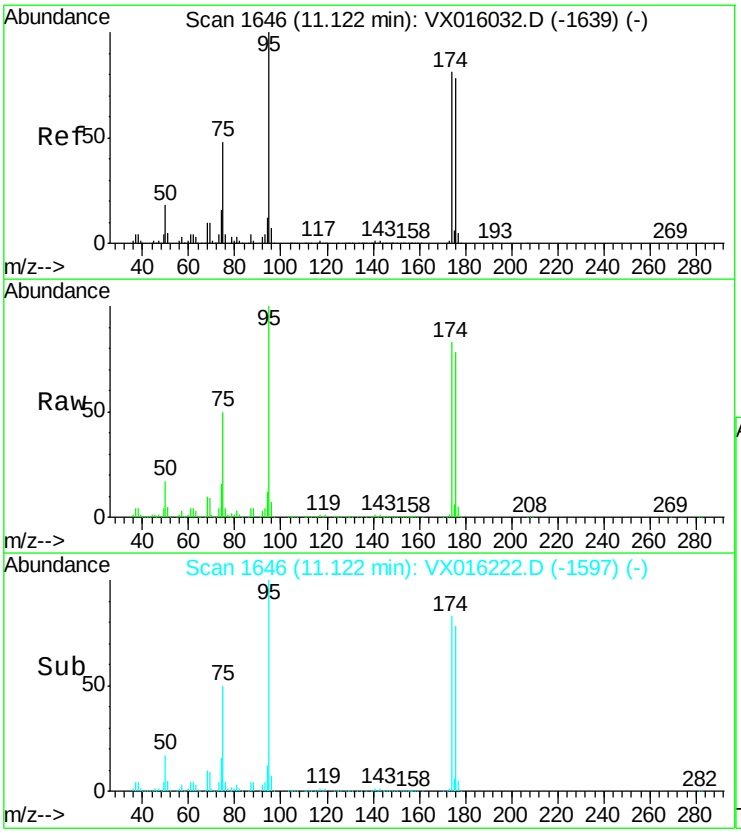
#52
Toluene
Concen: 0.293 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion: 92 Resp: 2081

Ion	Ratio	Lower	Upper
92	100		
91	165.6	134.5	201.7

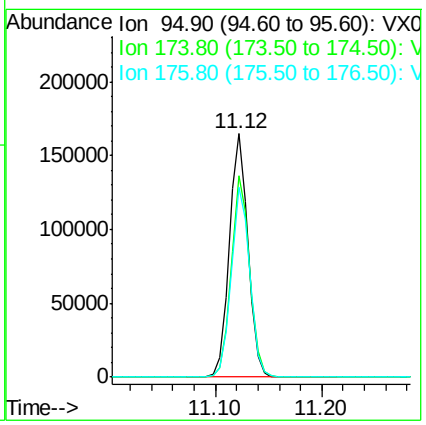


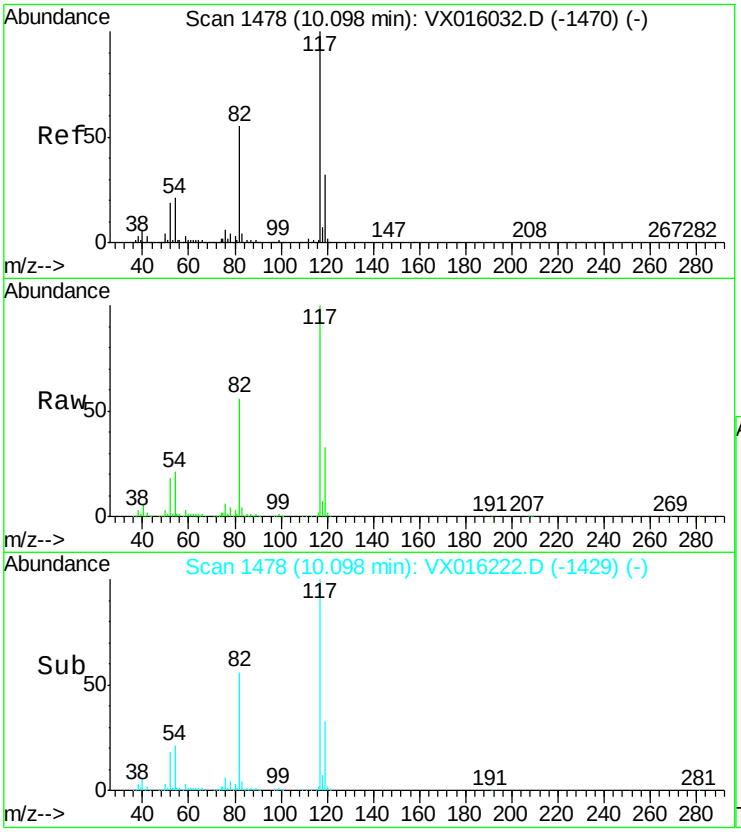


#62
4-Bromofluorobenzene
Concen: 54.798 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion: 95 Resp: 201497

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	159.4
176	77.8	0.0	157.6



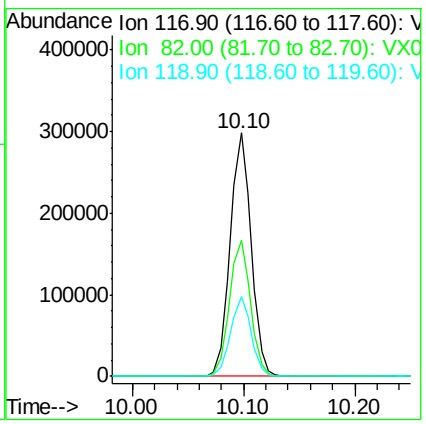


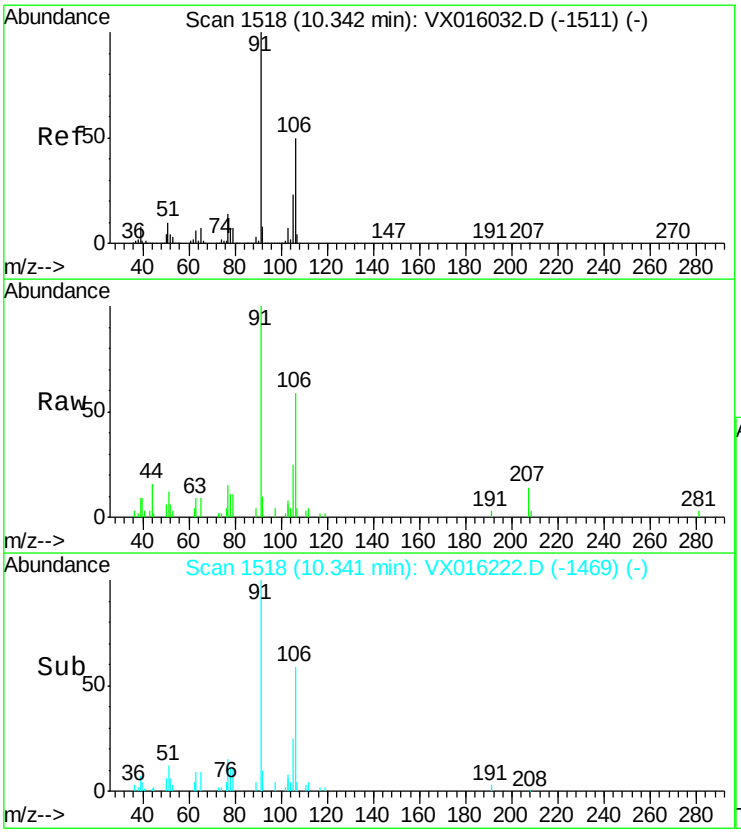
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument : MSVOA_X
ClientSampleId : R-1U

Tgt Ion:117 Resp: 389140

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.4	66.6
119	32.7	25.5	38.3

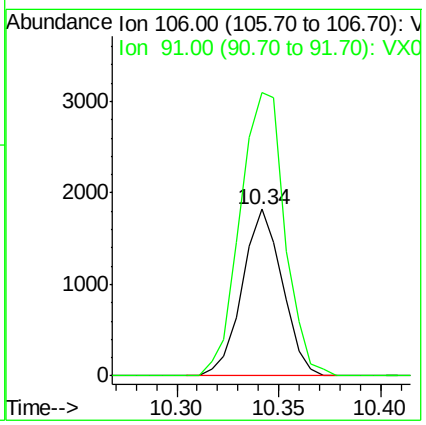


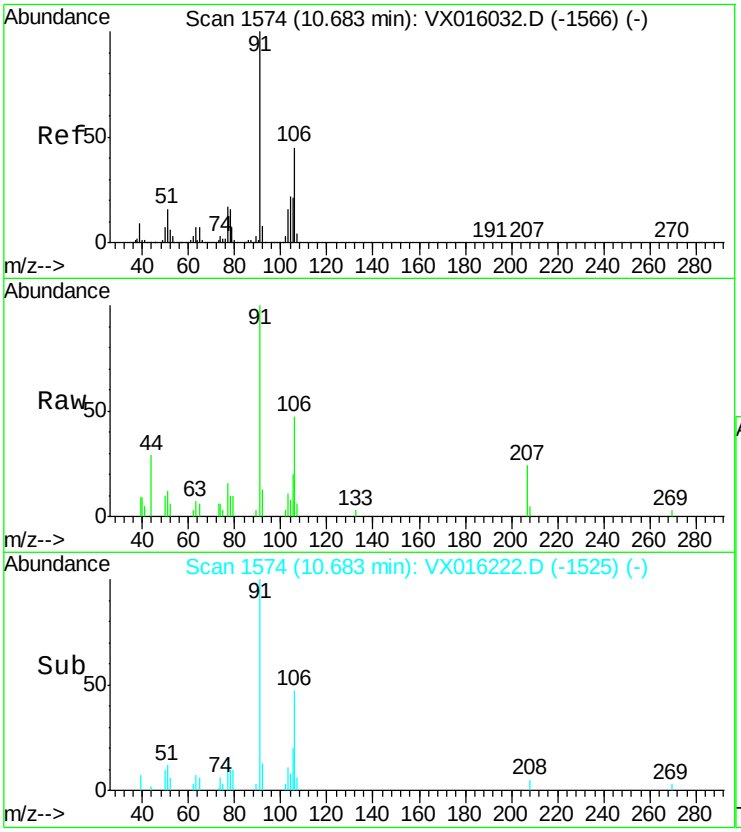


#68
m/p-Xylenes
Concen: 0.457 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:106 Resp: 2489

Ion	Ratio	Lower	Upper
106	100		
91	189.9	161.7	242.5



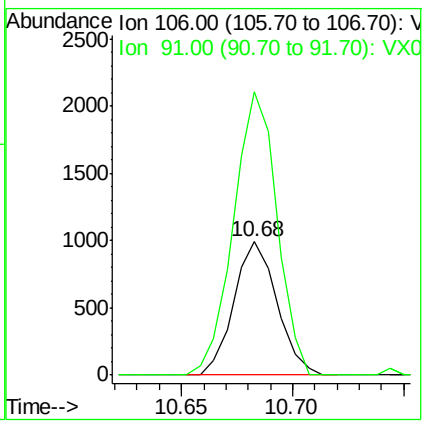


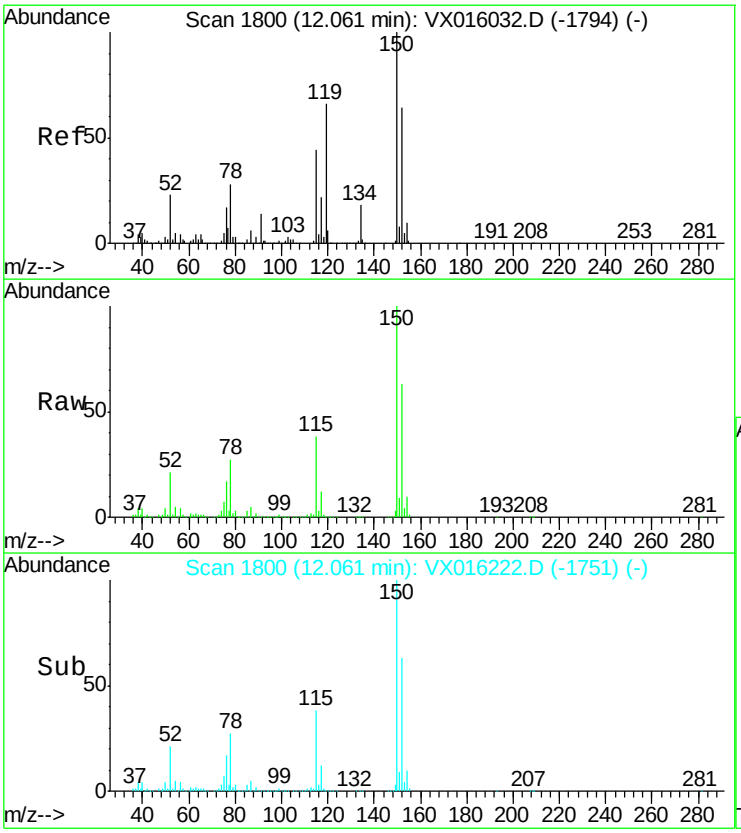
#69
o-Xylene
Concen: 0.256 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion:106 Resp: 1339

Ion	Ratio	Lower	Upper
106	100		
91	214.0	107.5	322.6

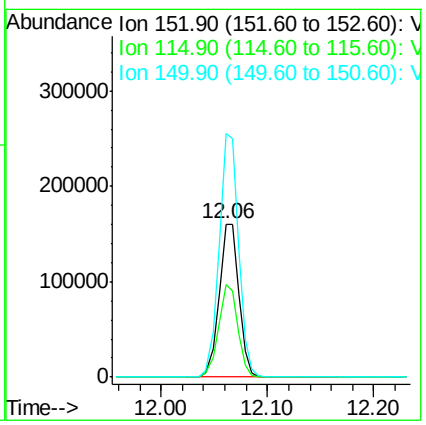


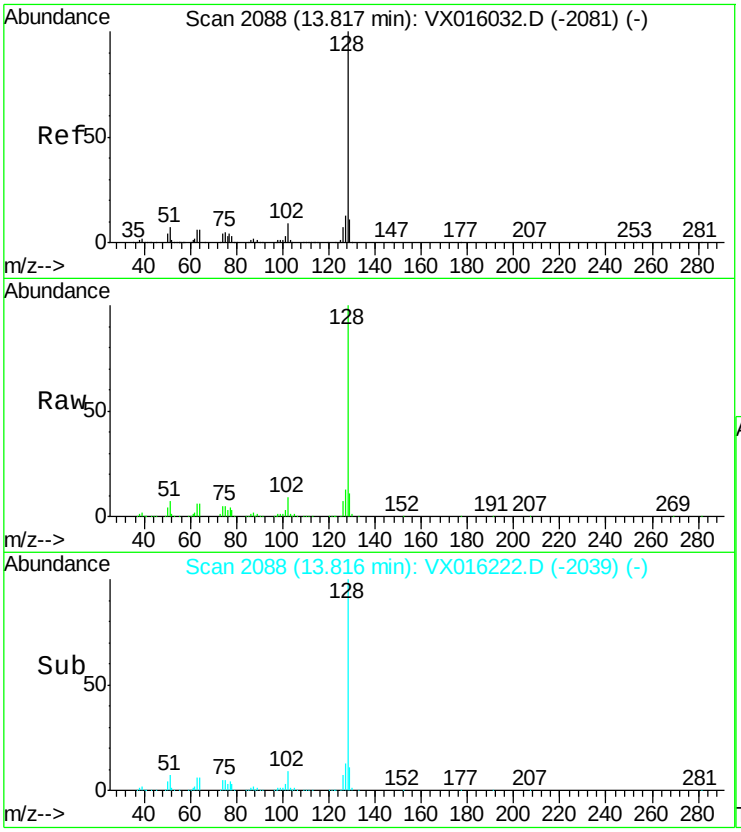


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Tgt Ion:152 Resp: 206951

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.3	124.1
150	157.1	0.0	352.2





#95
Naphthalene
Concen: 11.378 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016222.D
Acq: 14 May 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
R-1U

Tgt Ion:128 Resp: 183232

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.7	13.1