Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013627.D
Acq On : 27 Nov 2019 03:05
Operator : JC/SP
Sample : K5962-12 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 91BR-20191120

Quant Time: Nov 27 06:20:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	656361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1045628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	929145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	416988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	381144	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
35) Dibromofluoromethane	5.48	113	317298	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
50) Toluene-d8	8.71	98	1244243	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.80%			
62) 4-Bromofluorobenzene	11.14	95	415048	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.40%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	191436	20.749	ug/l	98
11) Tert butyl alcohol	3.01	59	21650	11.512	ug/l #	74
27) cis-1,2-Dichloroethene	4.59	96	891504	114.082	ug/l	89
44) Trichloroethene	7.21	130	59098	7.449	ug/l	97

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

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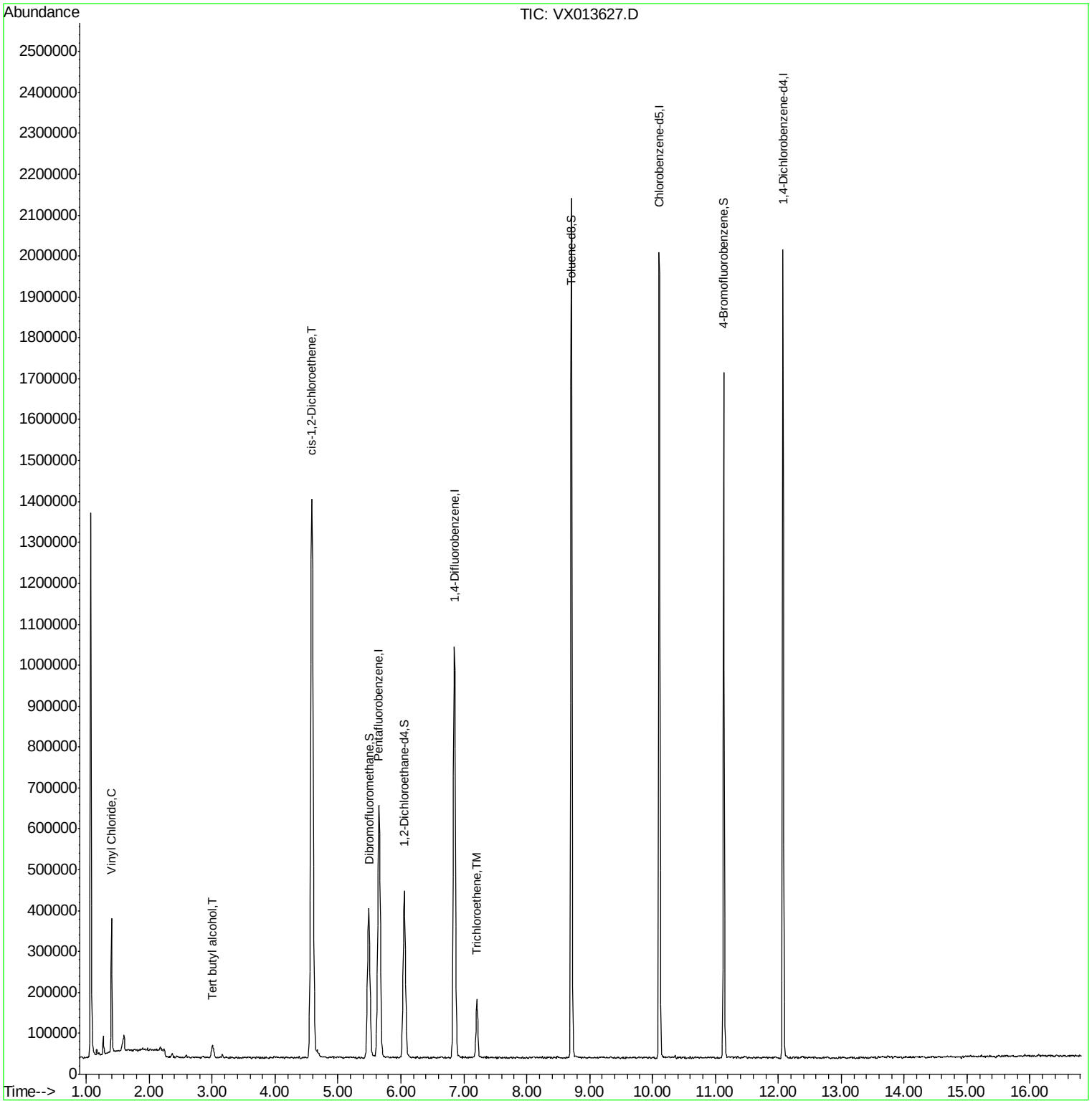
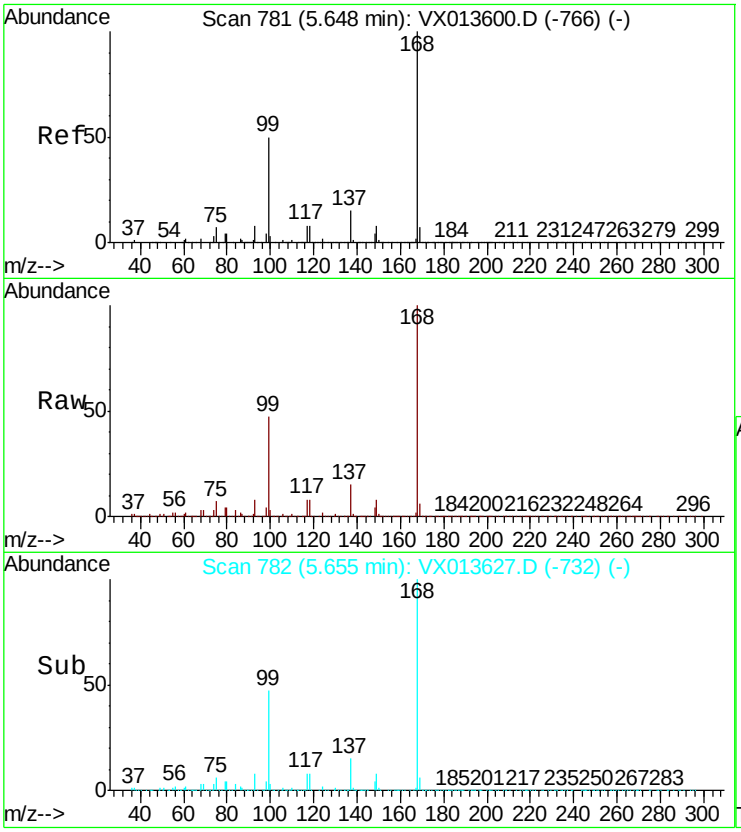


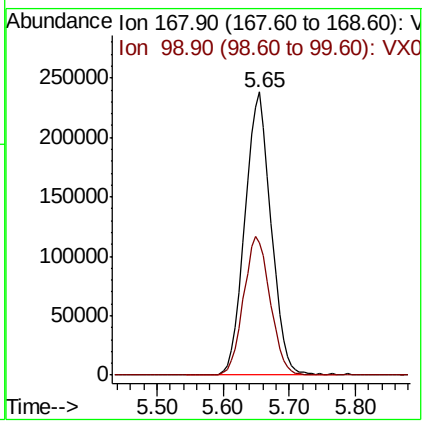


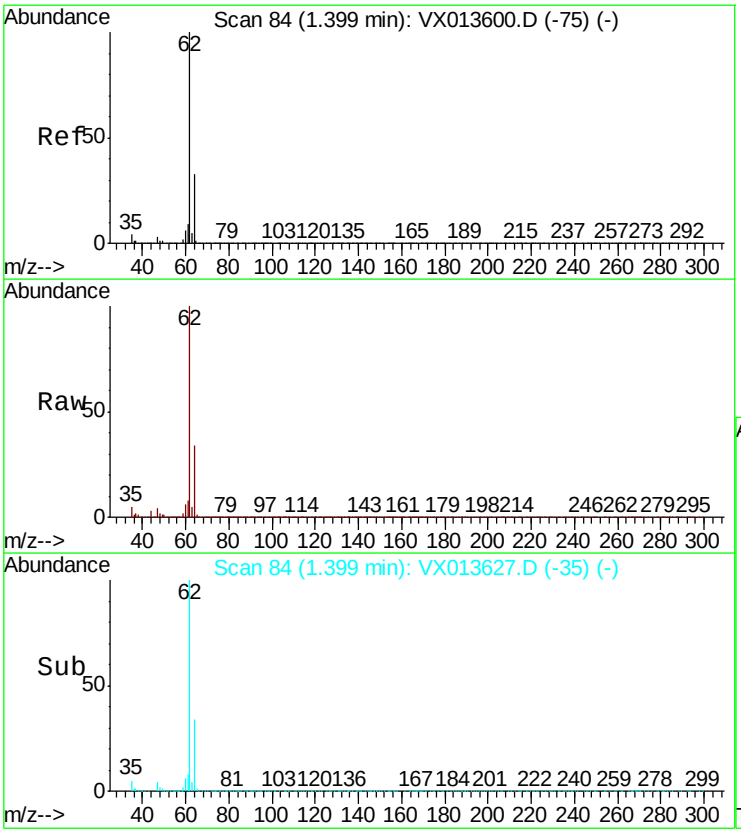
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Instrument :
MSVOA_X
ClientSampleId :
91BR-20191120

Tgt Ion:168 Resp: 656361

Ion	Ratio	Lower	Upper
168	100		
99	46.7	39.8	59.8

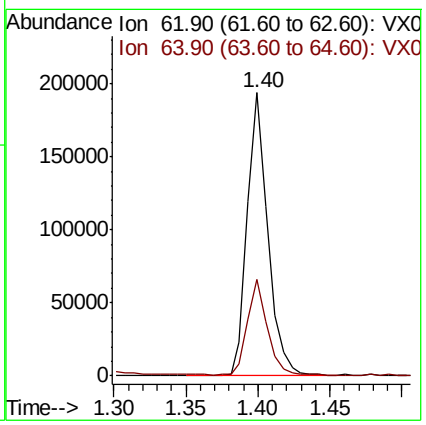


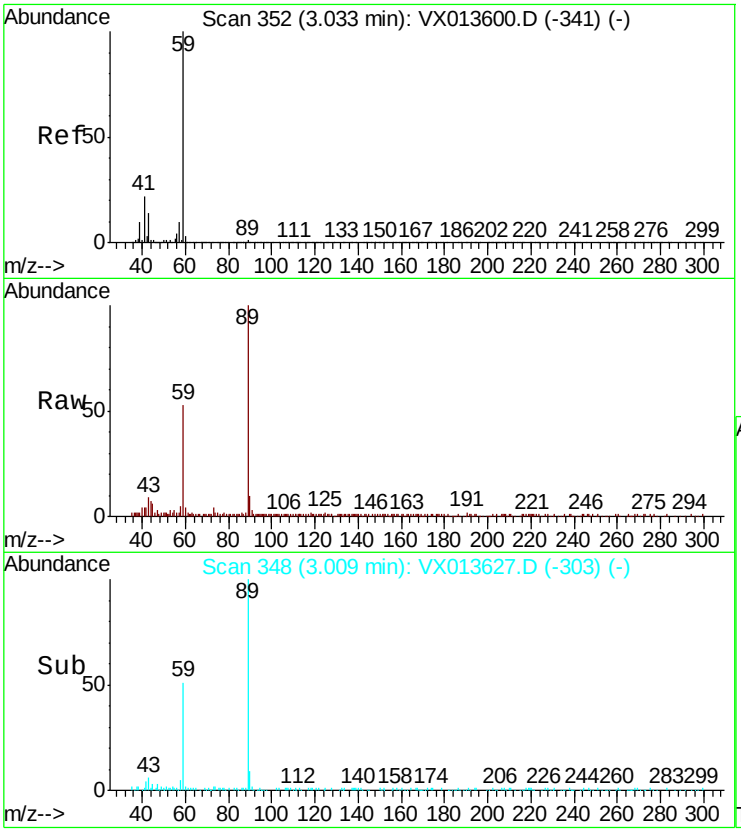


#4
Vinyl Chloride
Concen: 20.749 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Tgt Ion: 62 Resp: 191436

Ion	Ratio	Lower	Upper
62	100		
64	33.7	26.0	39.0



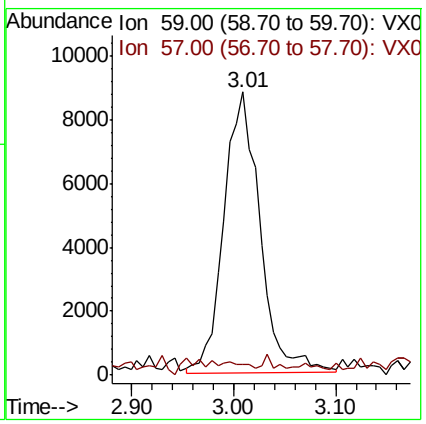


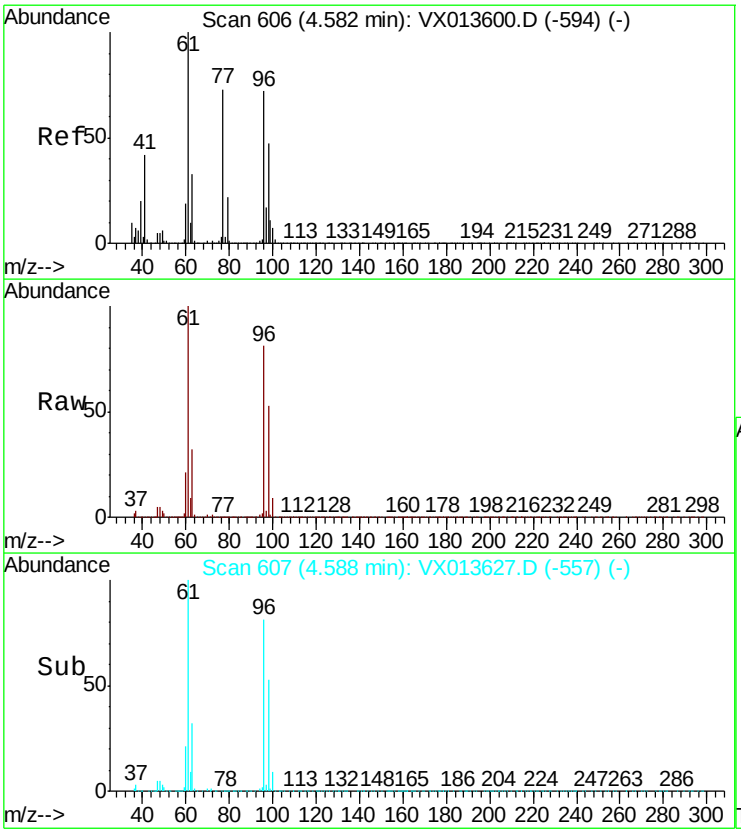
#11
Tert butyl alcohol
Concen: 11.512 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Instrument :
MSVOA_X
ClientSampleId :
91BR-20191120

Tgt Ion: 59 Resp: 21650

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

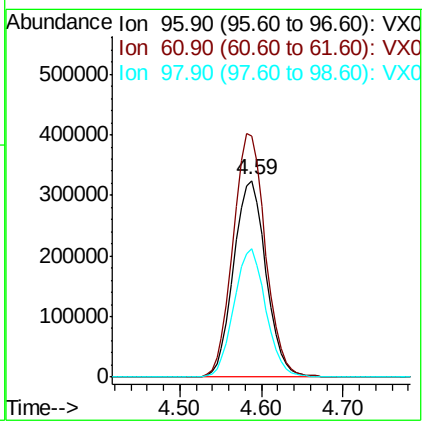


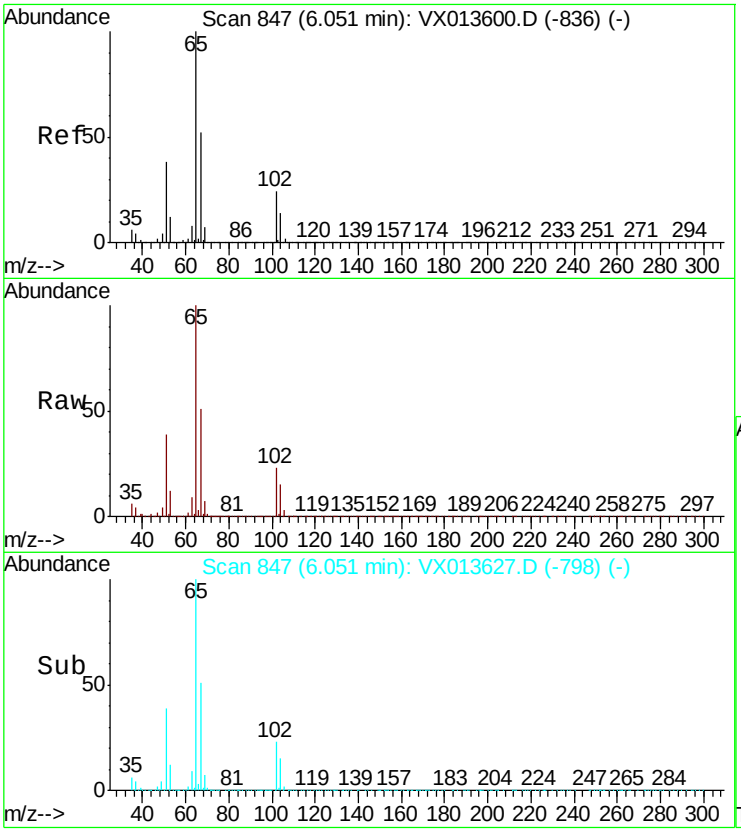


#27
cis-1,2-Dichloroethene
Concen: 114.082 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Tgt Ion: 96 Resp: 891504

Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	286.4
98	64.5	0.0	127.4



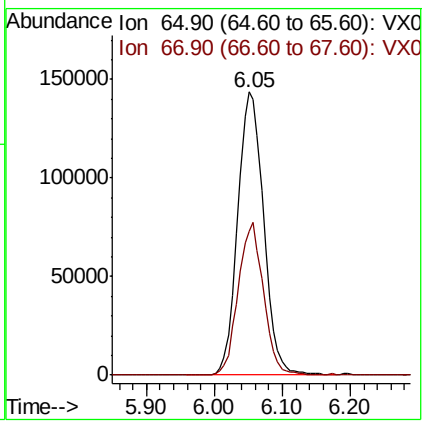


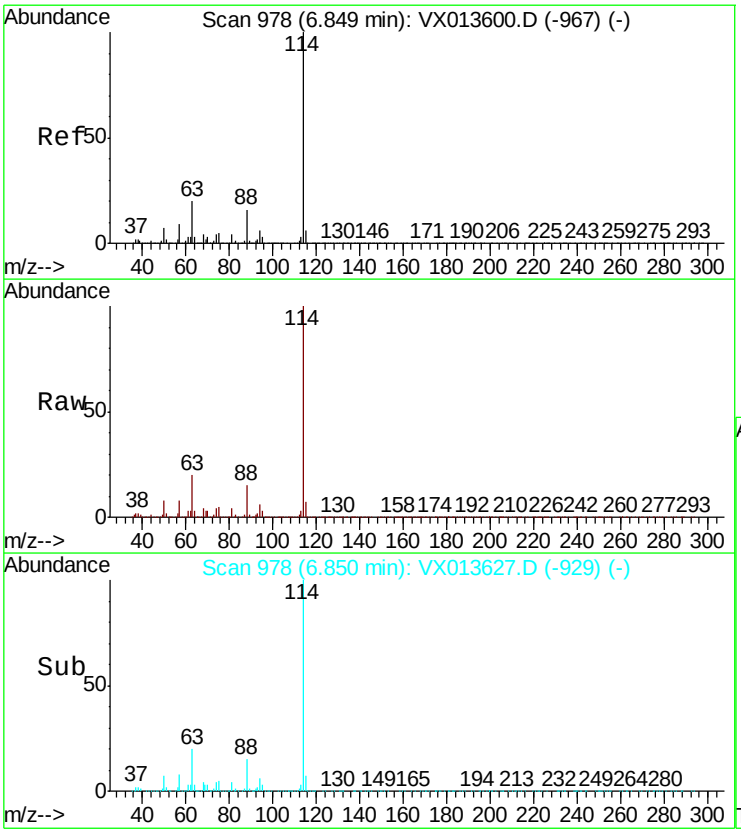
#33
1,2-Dichloroethane-d4
Concen: 50.026 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Instrument :
MSVOA_X
ClientSampleId :
91BR-20191120

Tgt Ion: 65 Resp: 381144

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4

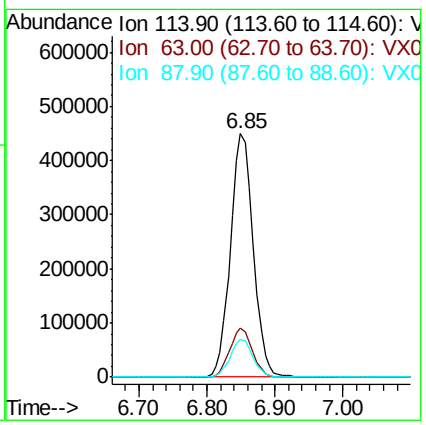


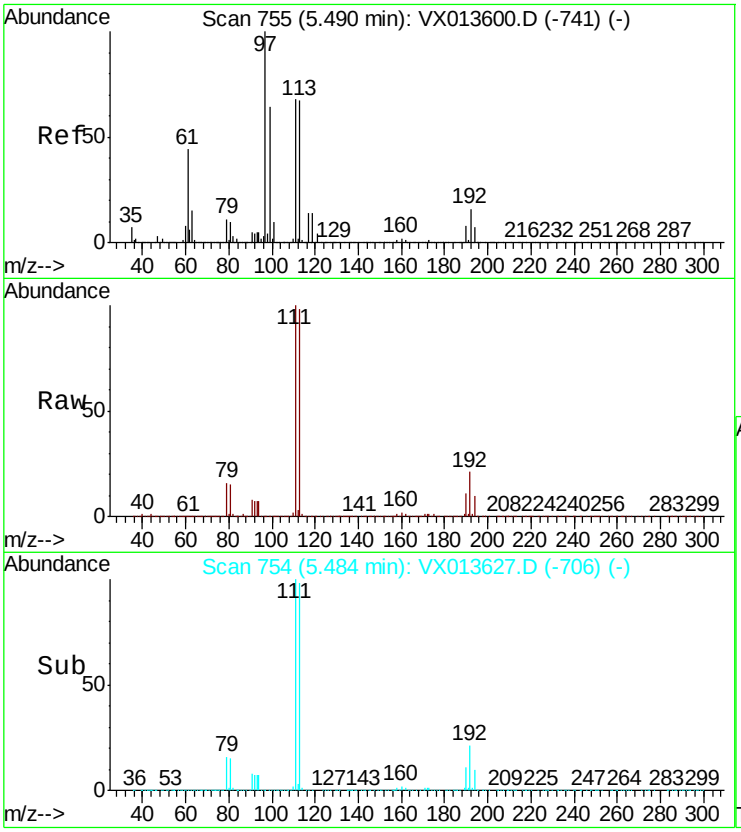


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Tgt Ion:114 Resp: 1045628

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	15.2	0.0	31.4



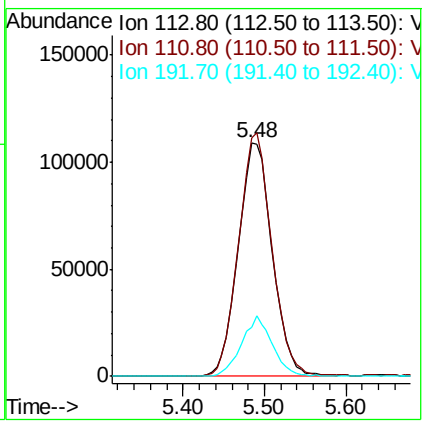


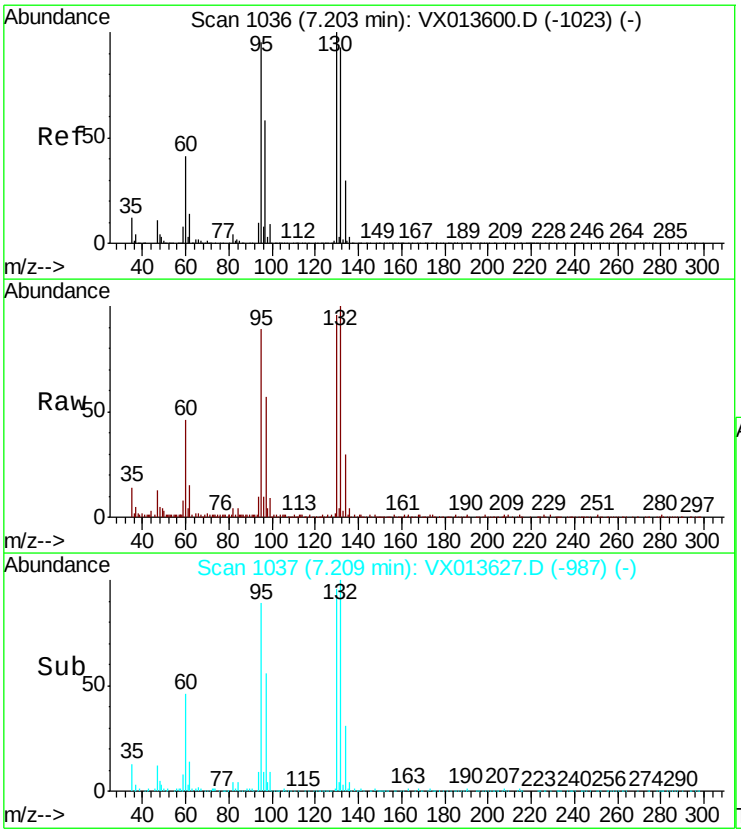
#35
Dibromofluoromethane
Concen: 49.085 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Instrument :
MSVOA_X
ClientSampleId :
91BR-20191120

Tgt Ion:113 Resp: 317298

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	23.6	19.2	28.8

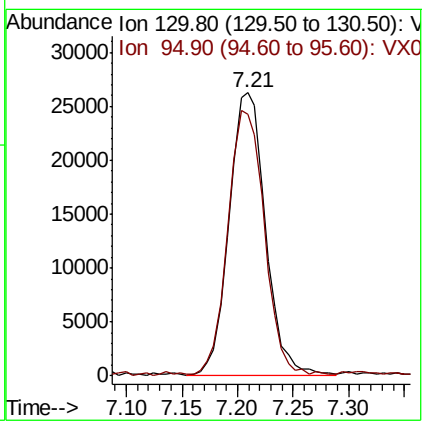


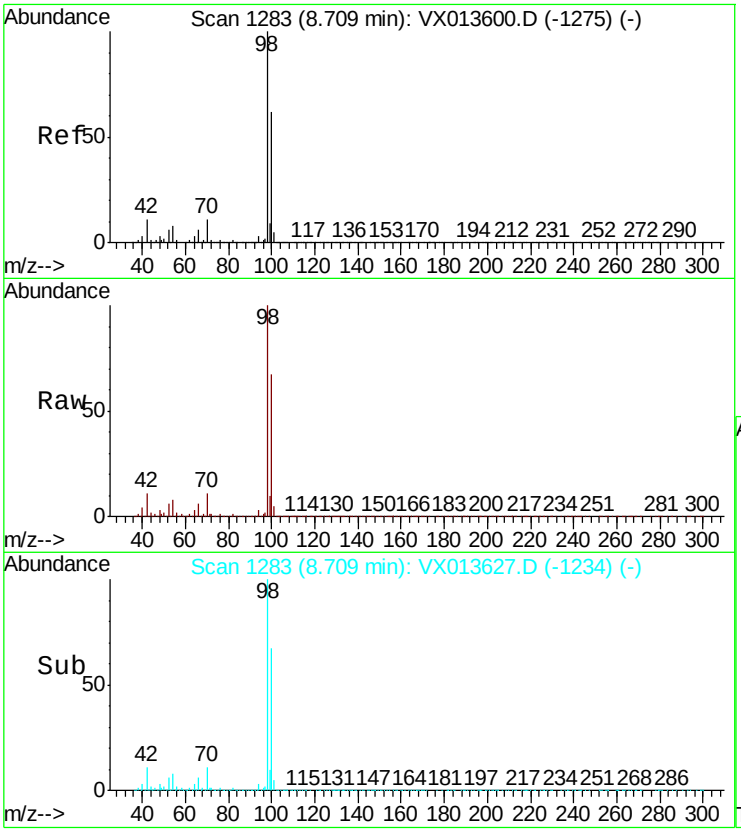


#44
Trichloroethene
Concen: 7.449 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Tgt Ion:130 Resp: 59098

Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	190.8



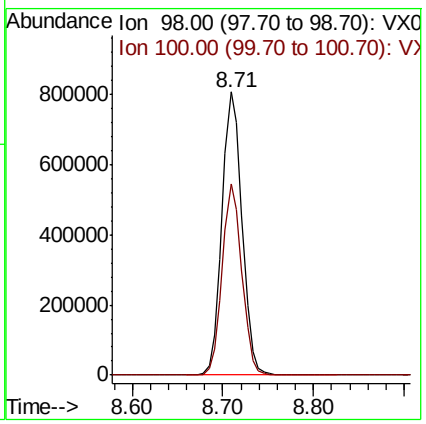


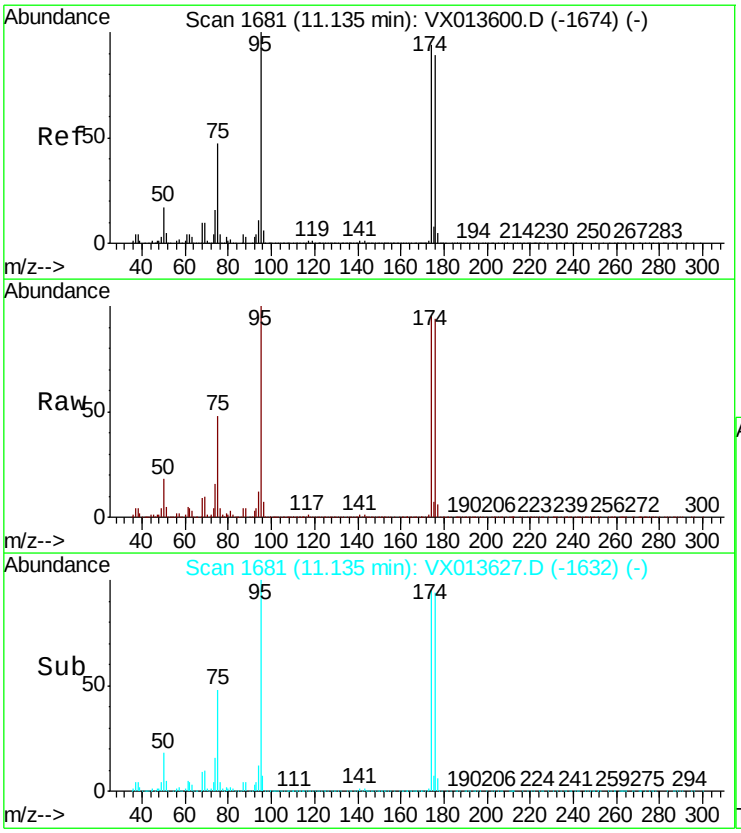
#50
Toluene-d8
Concen: 49.404 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Instrument :
MSVOA_X
ClientSampleId :
91BR-20191120

Tgt Ion: 98 Resp: 1244243

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7

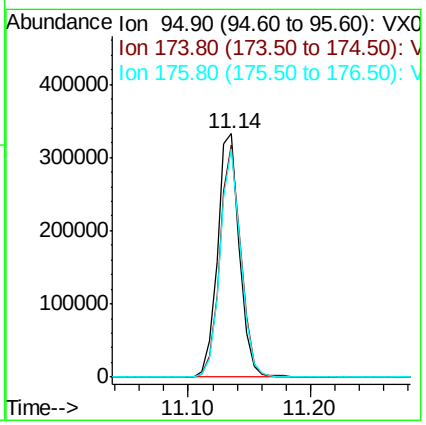


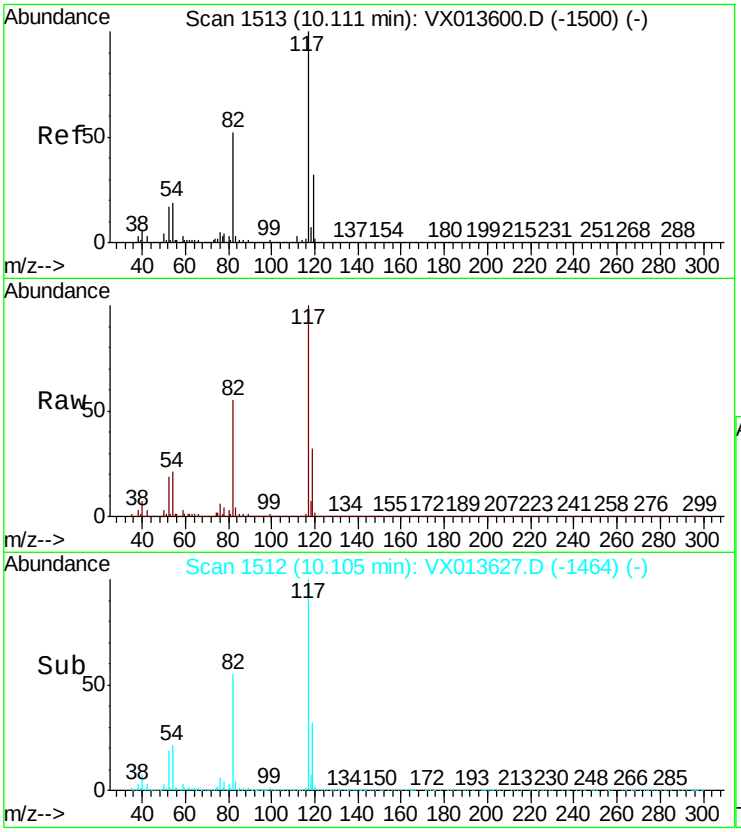


#62
4-Bromofluorobenzene
Concen: 45.701 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Tgt Ion: 95 Resp: 415048

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	180.0
176	88.4	0.0	173.6



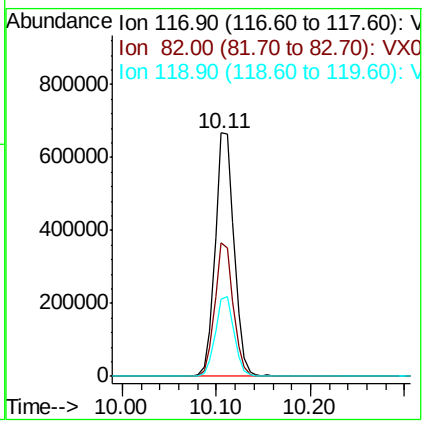


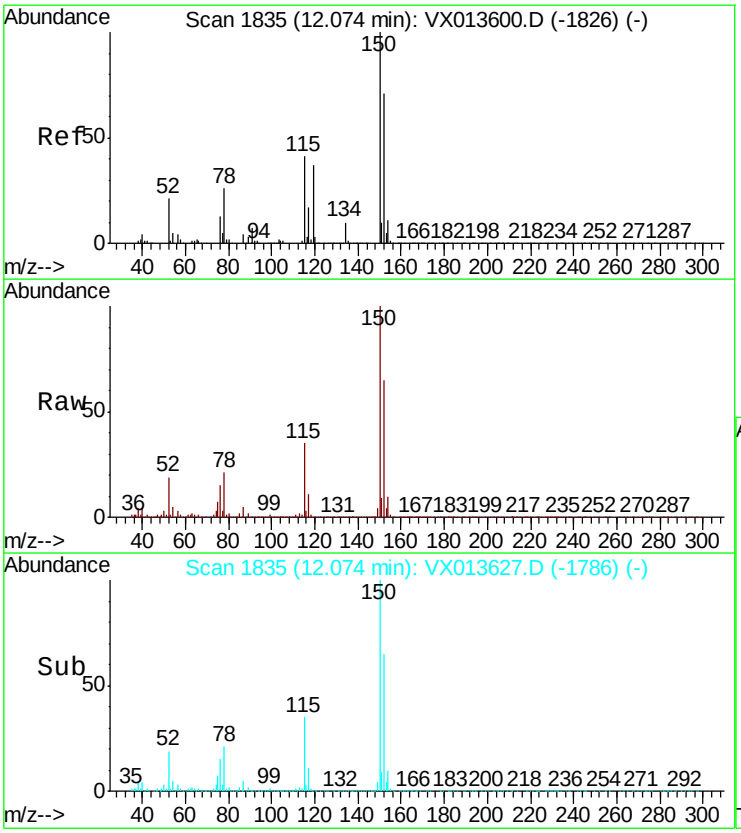
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Instrument : MSVOA_X
ClientSampleId : 91BR-20191120

Tgt Ion:117 Resp: 929145

Ion	Ratio	Lower	Upper
117	100		
82	55.0	41.8	62.8
119	31.6	25.8	38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013627.D
Acq: 27 Nov 2019 03:05

Tgt Ion:152 Resp: 416988

Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.4	115.1
150	157.2	0.0	346.8