Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051820\
Data File : VX016304.D
Acq On : 18 May 2020 17:18
Operator : JC/SP
Sample : L2649-06DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0686DL

Quant Time: May 19 09:52:14 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	5.64	168	282350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	460135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163310	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.90%			
35) Dibromofluoromethane	5.47	113	132571	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.96%			
50) Toluene-d8	8.70	98	560511	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.80%			
62) 4-Bromofluorobenzene	11.12	95	230050	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.70%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.39	62	2856	0.771	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	25500	7.796	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	71001	19.856	ug/l	86
44) Trichloroethene	7.19	130	139588	29.648	ug/l	100

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

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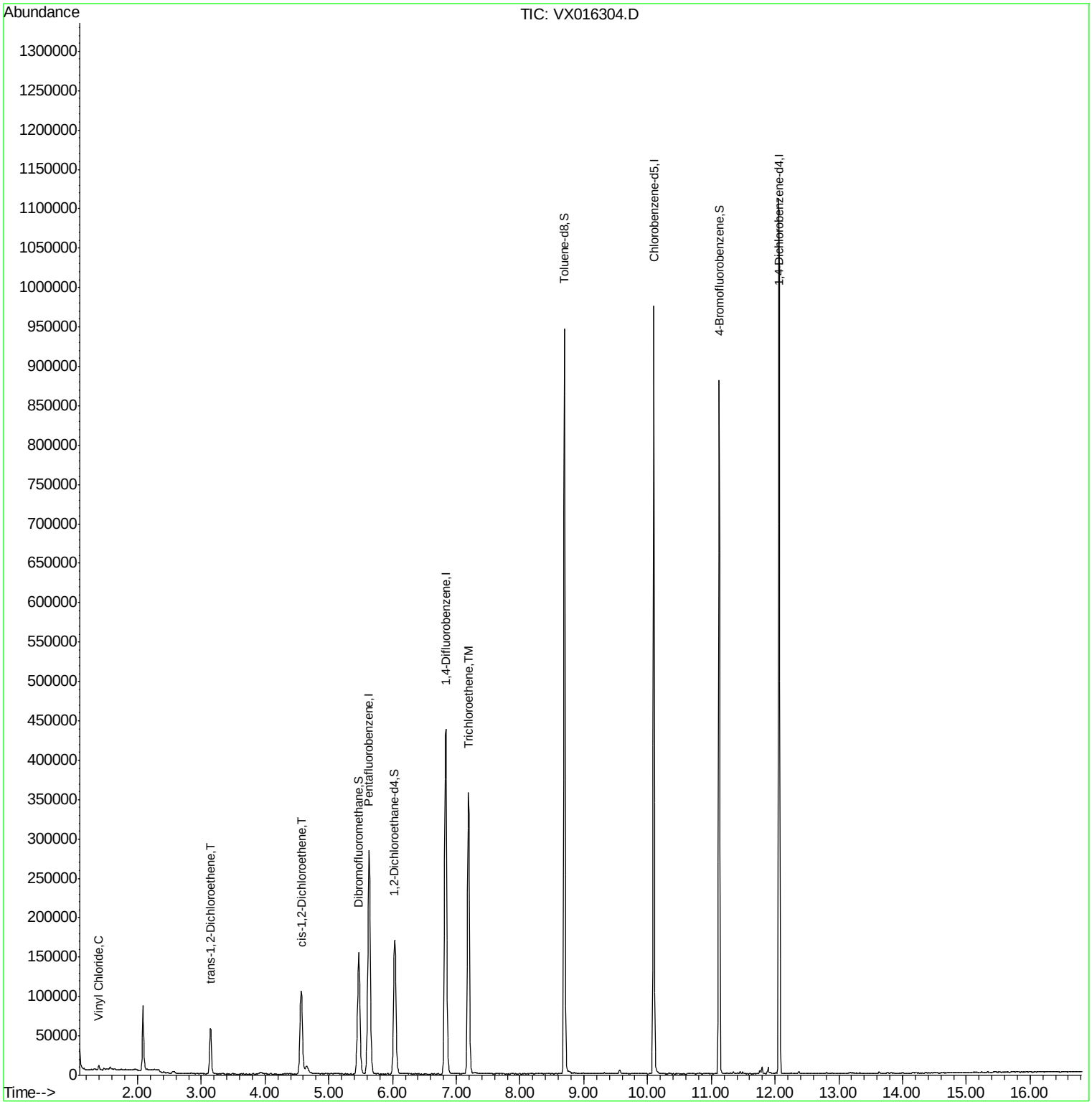
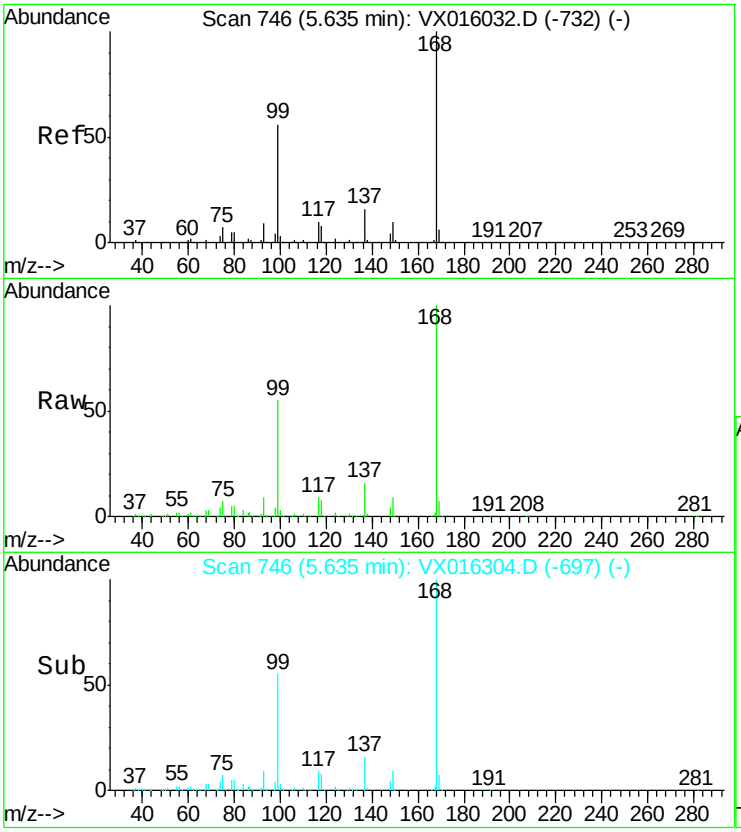


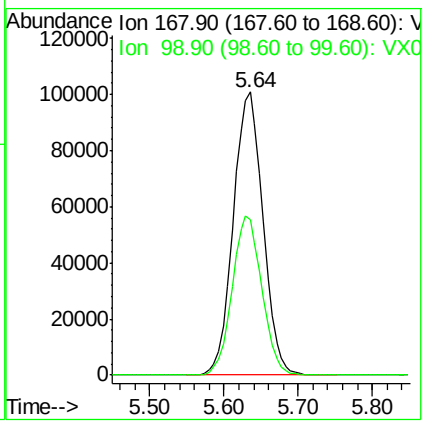


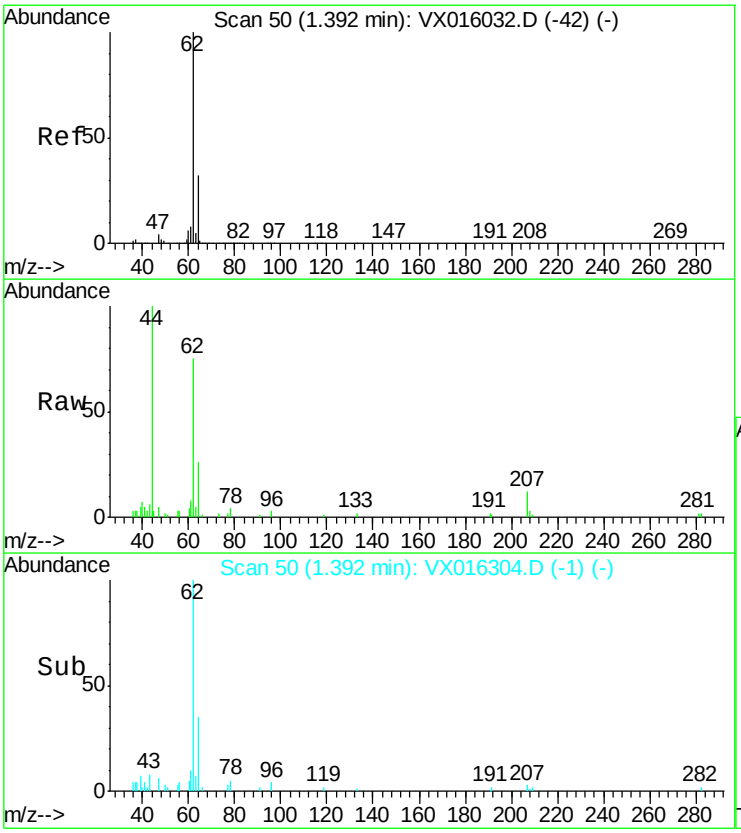
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
S32-0686DL

Tgt Ion:168 Resp: 282350

Ion	Ratio	Lower	Upper
168	100		
99	55.1	45.0	67.4

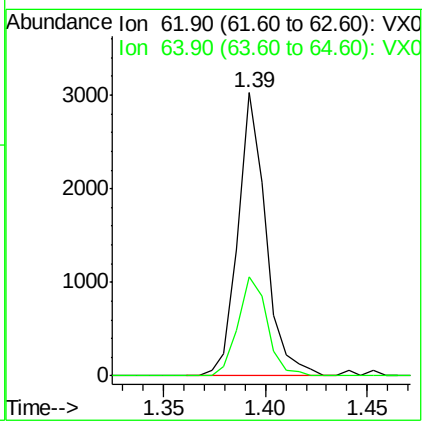


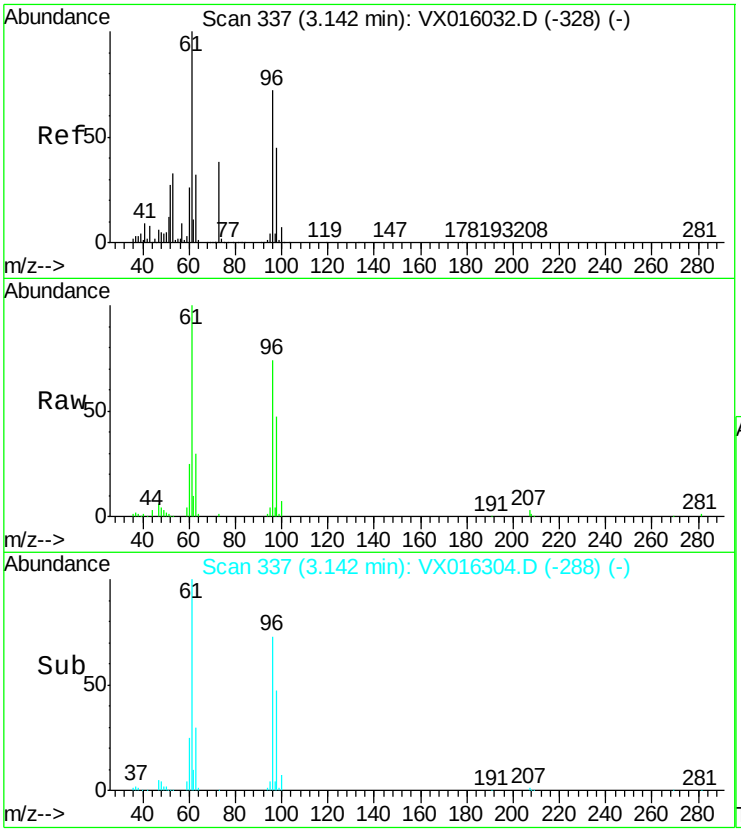


#4
Vinyl Chloride
Concen: 0.771 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Tgt Ion: 62 Resp: 2856

Ion	Ratio	Lower	Upper
62	100		
64	35.2	25.7	38.5



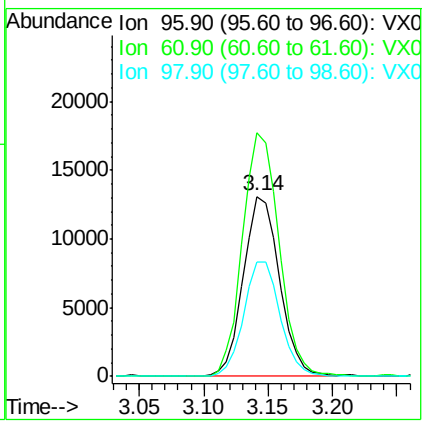


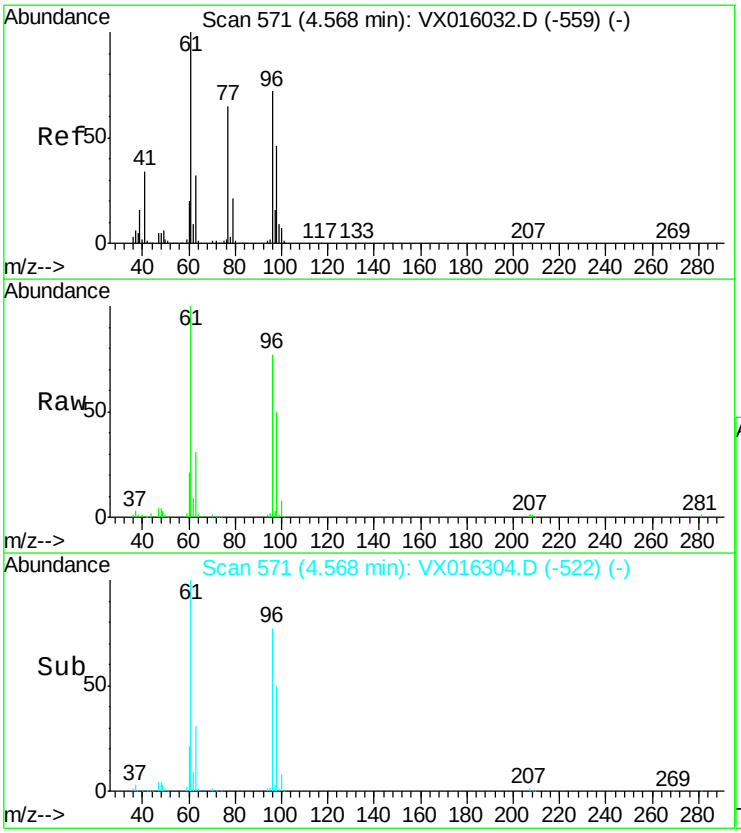
#21
trans-1,2-Dichloroethene
Concen: 7.796 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
S32-0686DL

Tgt Ion: 96 Resp: 25500

Ion	Ratio	Lower	Upper
96	100		
61	135.2	111.2	166.8
98	63.6	50.2	75.4

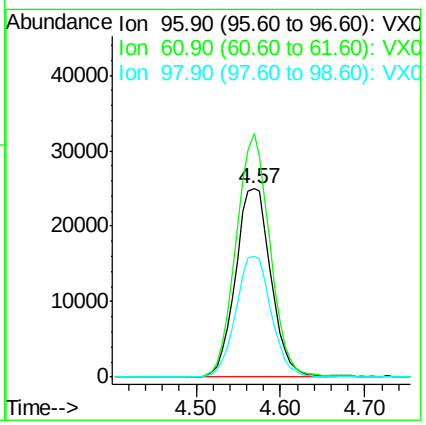


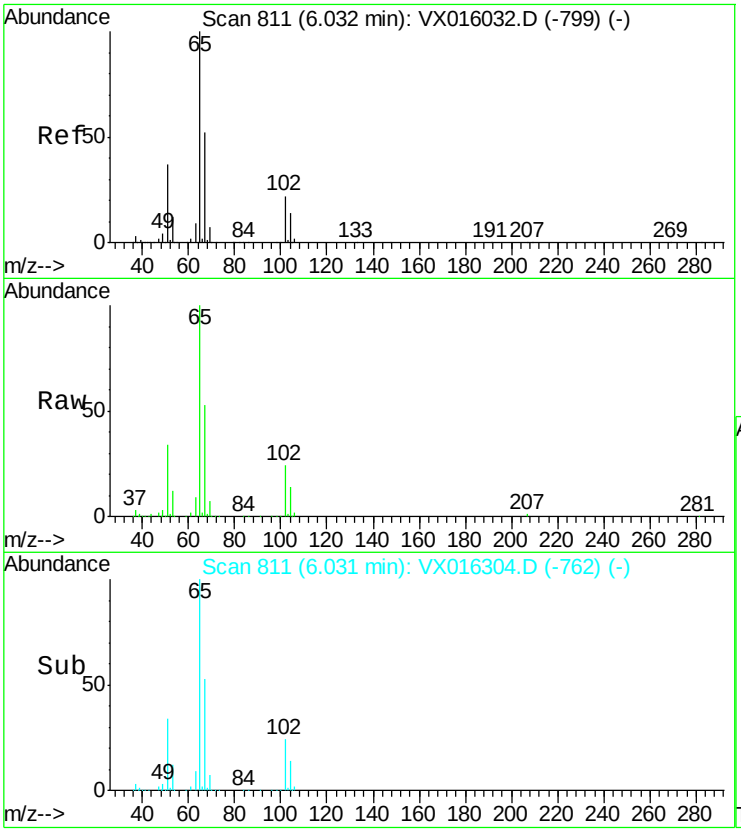


#27
cis-1,2-Dichloroethene
Concen: 19.856 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Tgt Ion: 96 Resp: 71001

Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	296.2
98	64.0	0.0	129.4



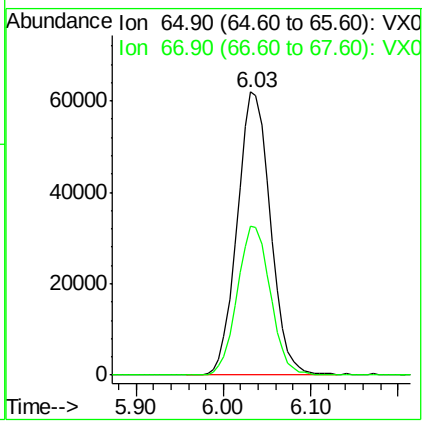


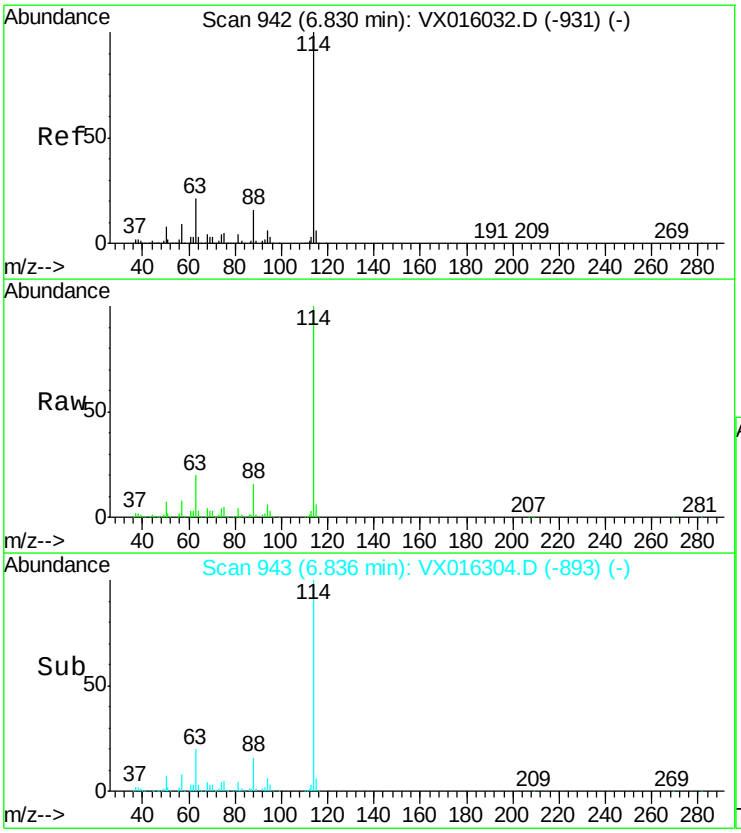
#33
1,2-Dichloroethane-d4
Concen: 43.954 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
S32-0686DL

Tgt Ion: 65 Resp: 163310

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.8

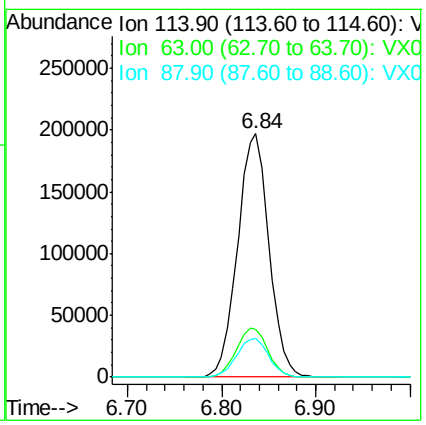


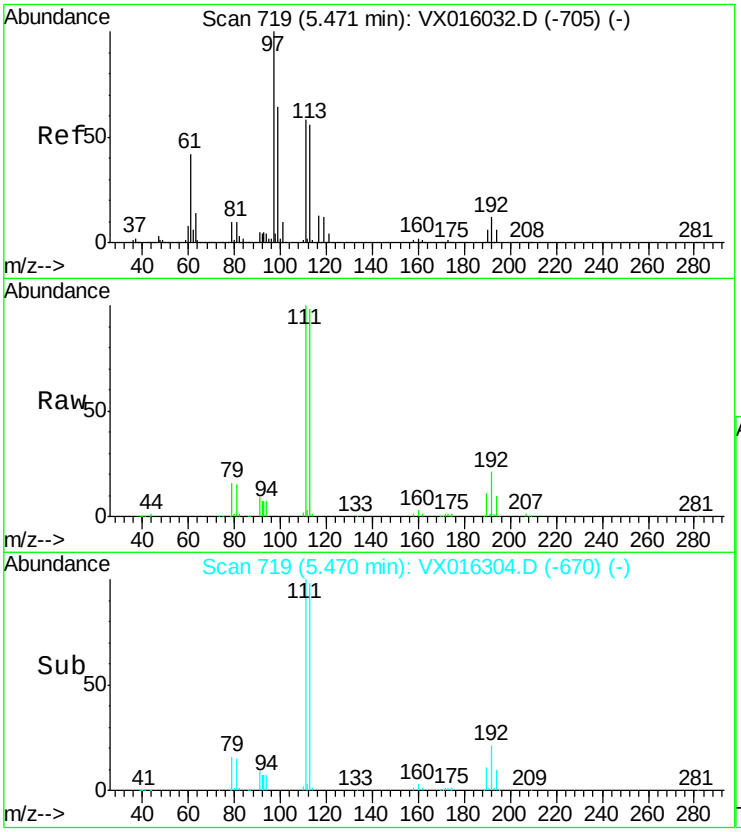


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Tgt Ion:114 Resp: 460135

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.8
88	15.8	0.0	31.4



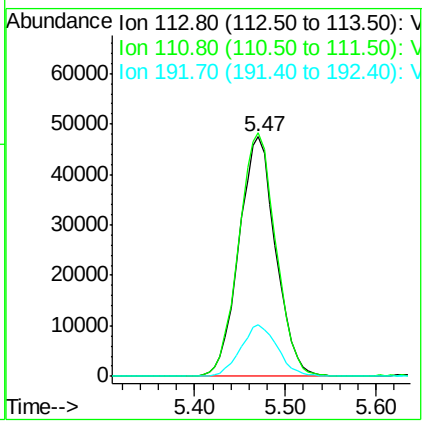


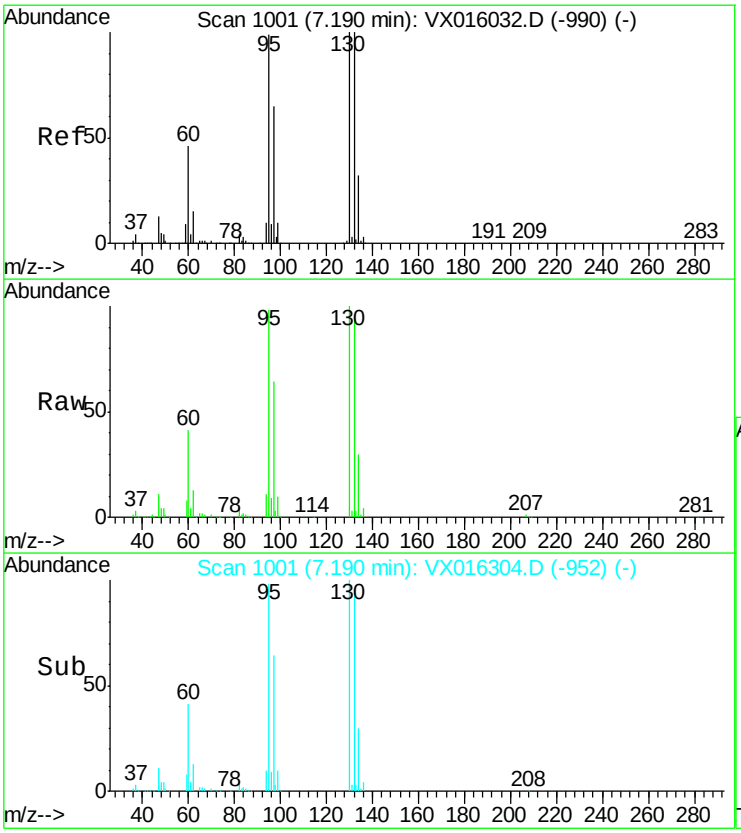
#35
Dibromofluoromethane
Concen: 45.477 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
S32-0686DL

Tgt Ion:113 Resp: 132571

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	21.6	17.0	25.4

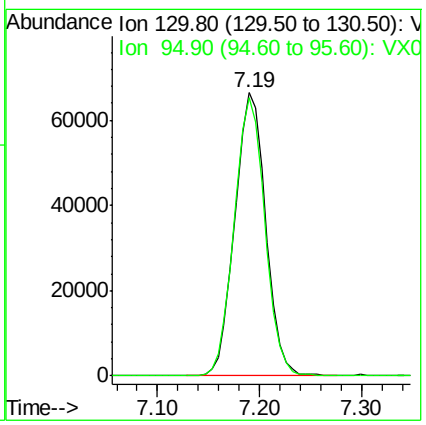


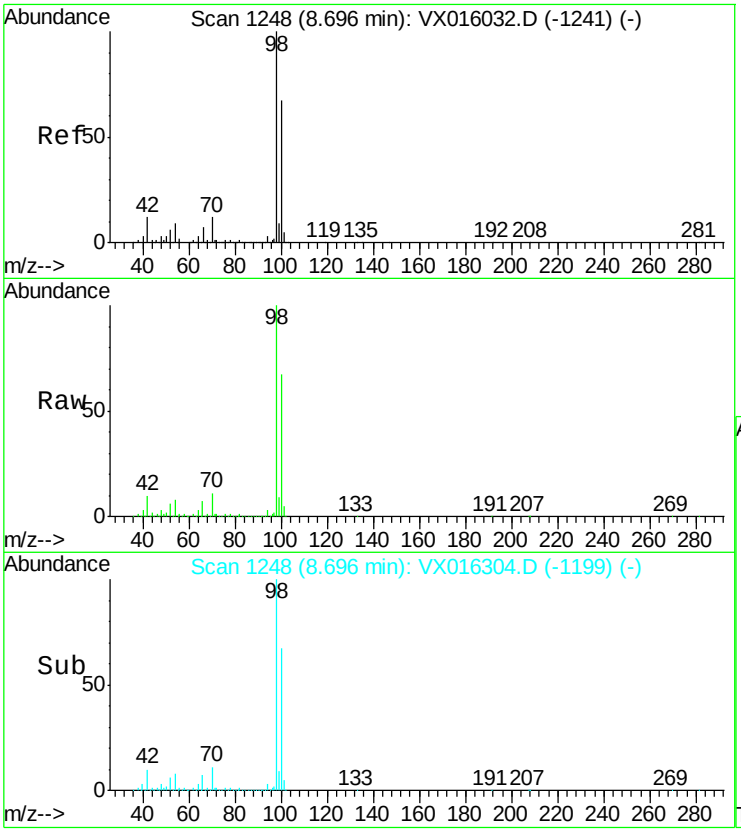


#44
Trichloroethene
Concen: 29.648 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Tgt Ion:130 Resp: 139588

Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	197.4



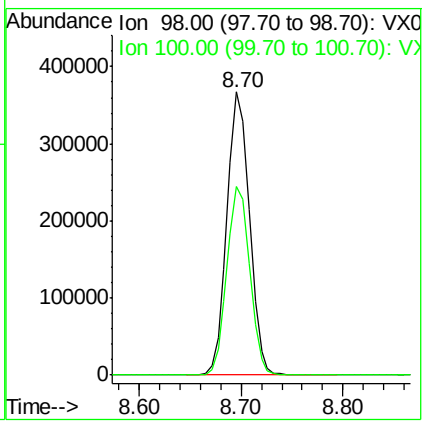


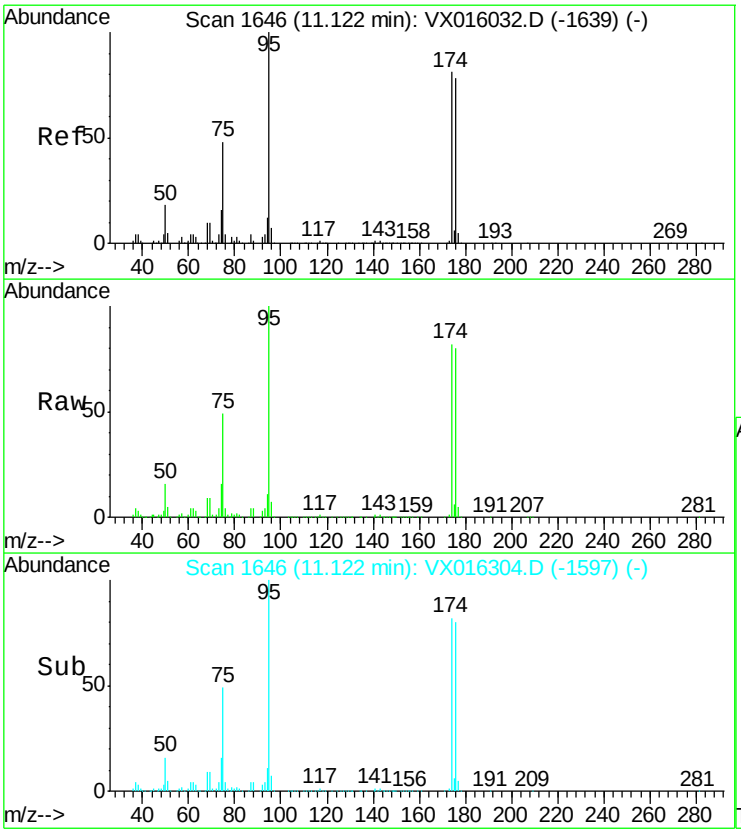
#50
Toluene-d8
Concen: 49.902 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
S32-0686DL

Tgt Ion: 98 Resp: 560511

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.7	80.5

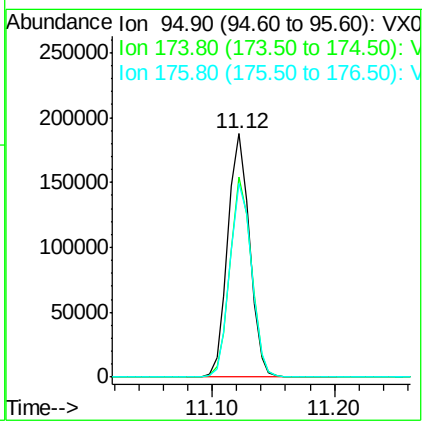


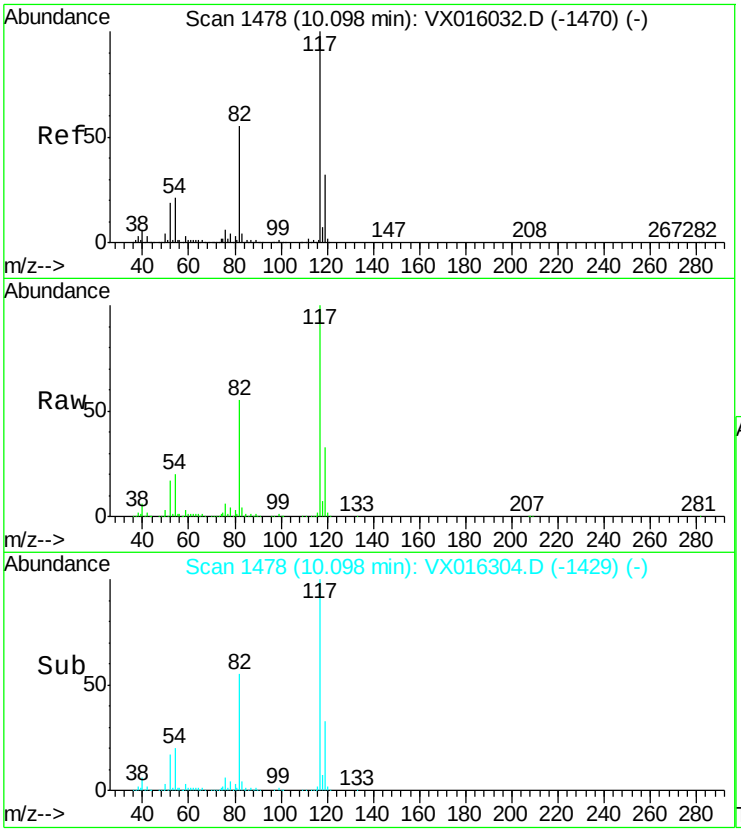


#62
4-Bromofluorobenzene
Concen: 53.848 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Tgt Ion: 95 Resp: 230050

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	159.4
176	80.1	0.0	157.6



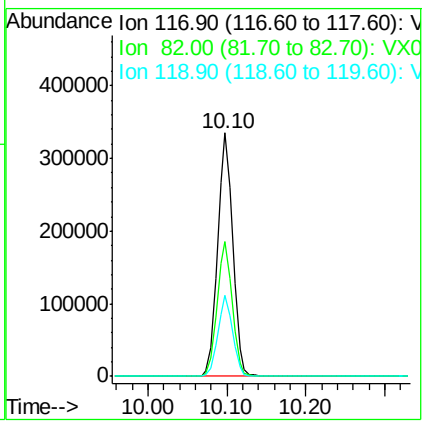


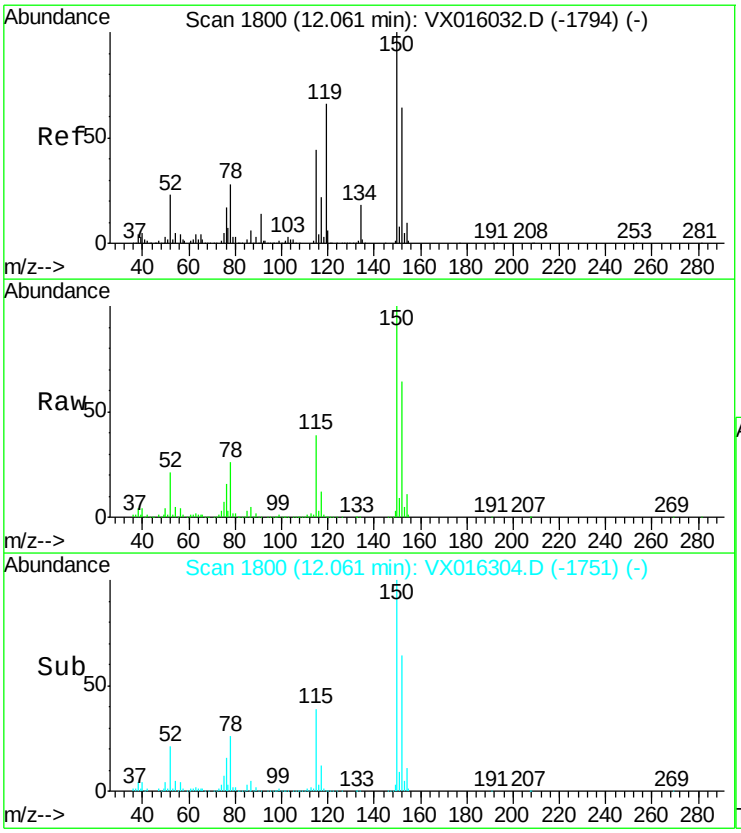
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
S32-0686DL

Tgt Ion:117 Resp: 450402

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.4	66.6
119	33.1	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016304.D
Acq: 18 May 2020 17:18

Tgt Ion:152 Resp: 234489

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.3	124.1
150	155.8	0.0	352.2