Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
Data File : VX012773.D
Acq On : 02 Oct 2019 20:44
Operator : JC/SP
Sample : K5157-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0537

Quant Time: Oct 03 04:36:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119881	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.92%		
35) Dibromofluoromethane	5.49	113	89625	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.72%		
50) Toluene-d8	8.71	98	345005	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.68%		
62) 4-Bromofluorobenzene	11.14	95	117144	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.80%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	21988	9.976	ug/l	97
16) Acetone	2.44	43	2094	1.581	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	42013	20.547	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	48539	20.459	ug/l	82
44) Trichloroethene	7.21	130	22668	10.567	ug/l	97

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

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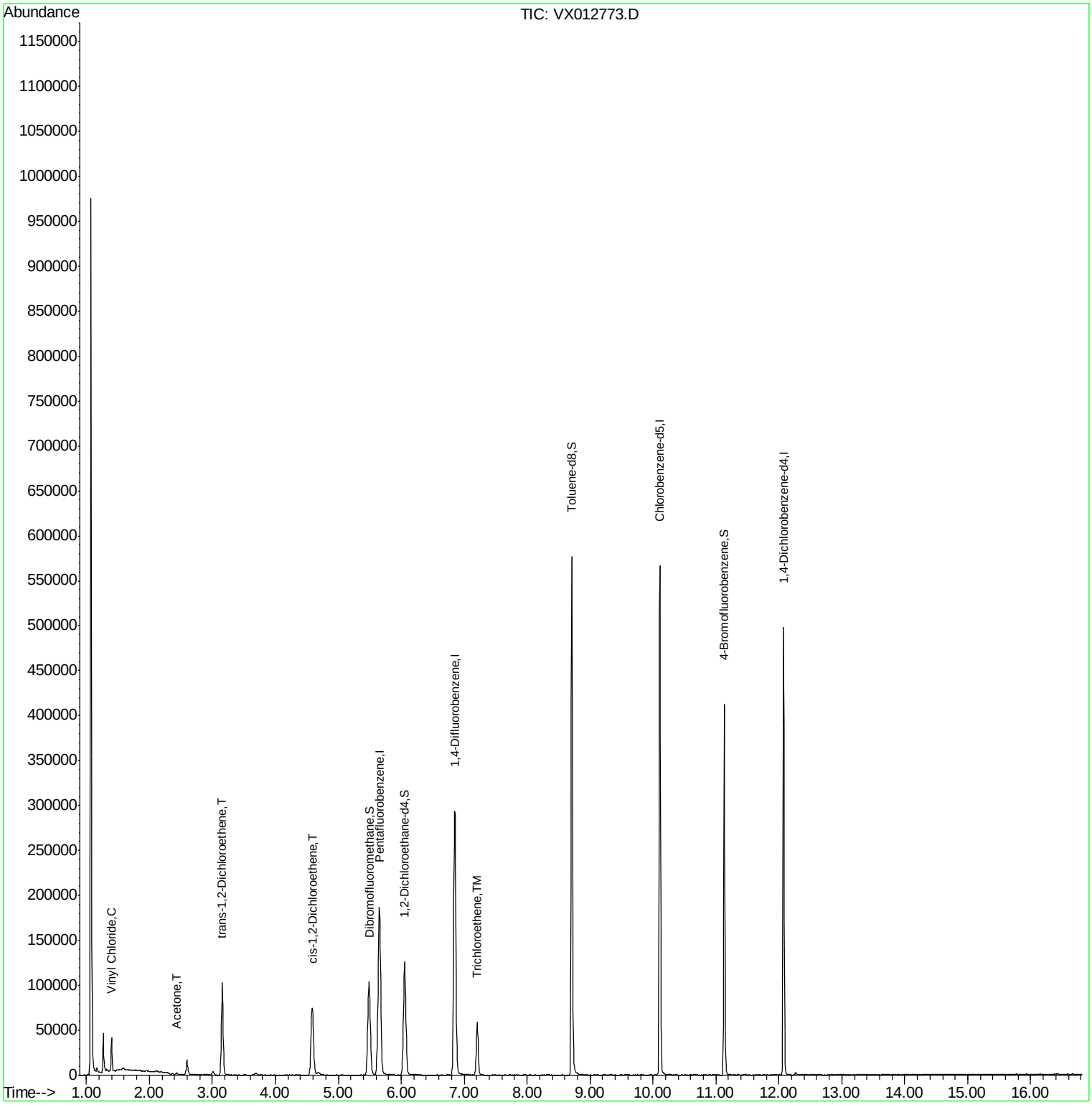
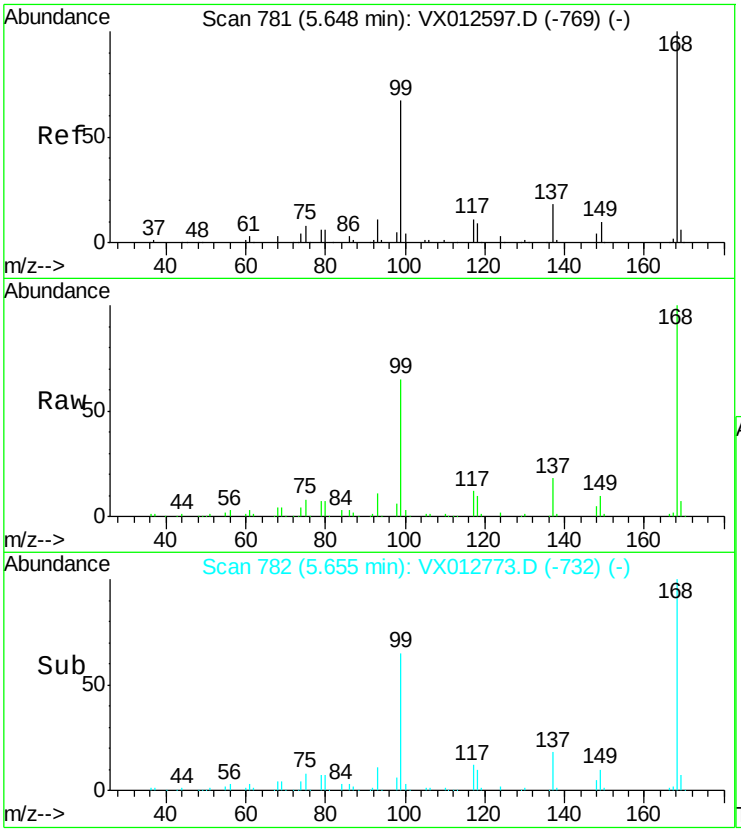


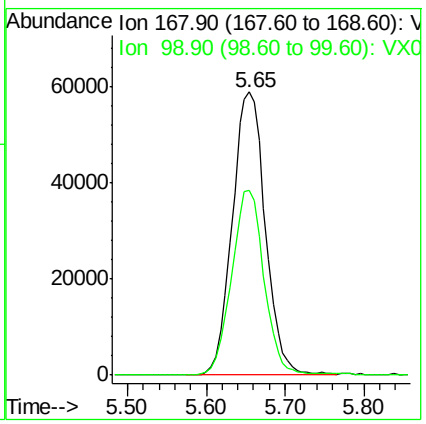


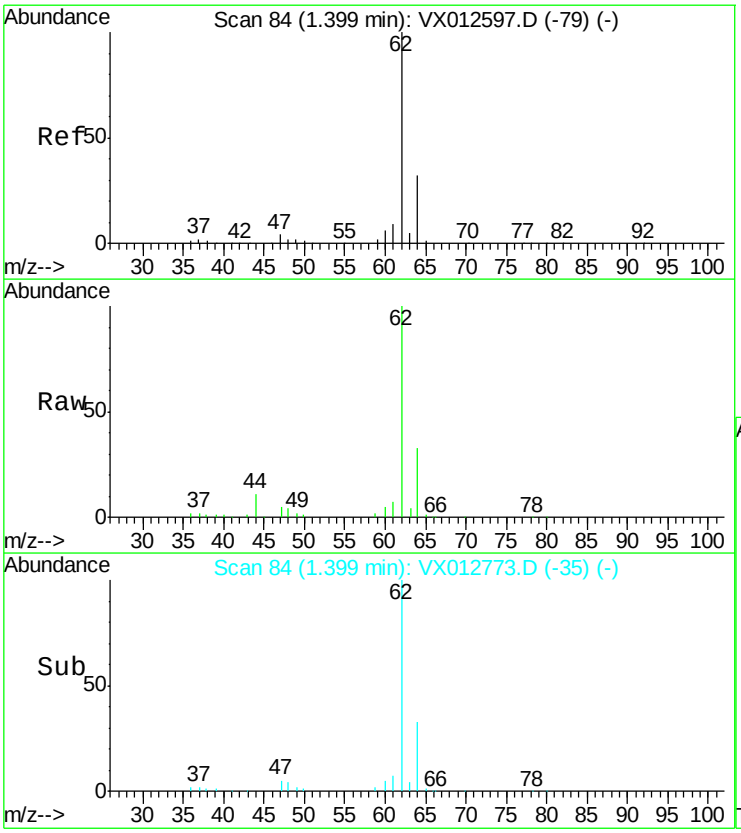
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
S49-0537

Tgt Ion:168 Resp: 171662

Ion	Ratio	Lower	Upper
168	100		
99	65.3	51.4	77.2

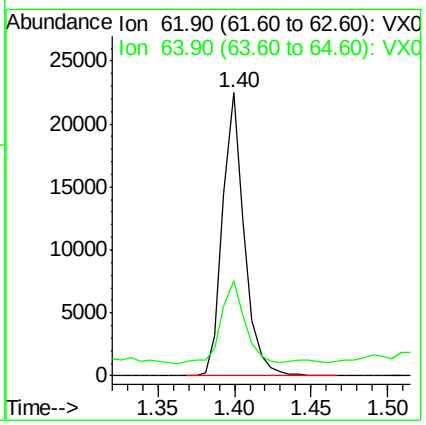


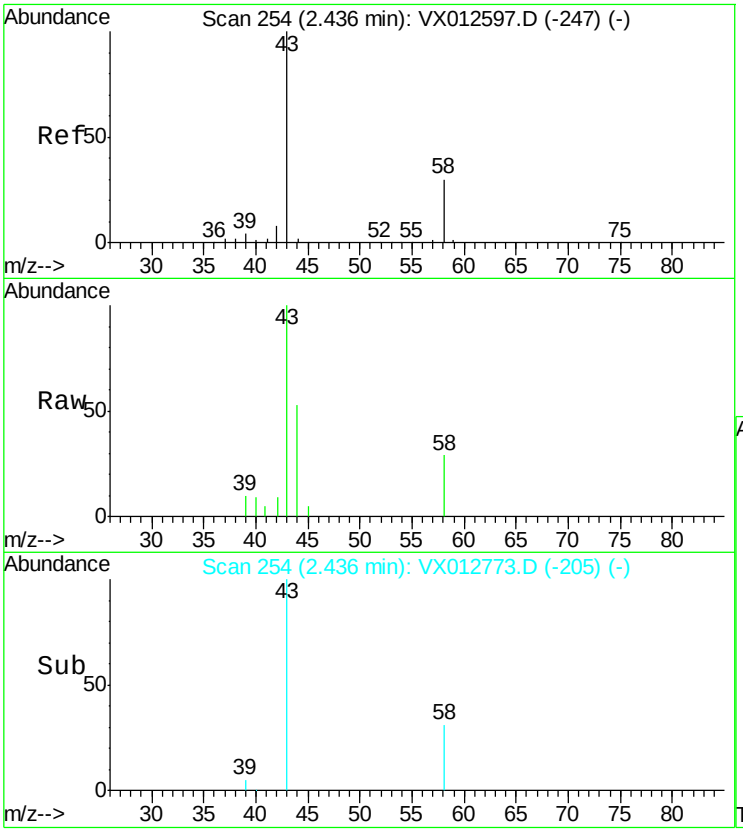


#4
Vinyl Chloride
Concen: 9.976 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Tgt Ion: 62 Resp: 21988

Ion	Ratio	Lower	Upper
62	100		
64	28.4	24.2	36.2



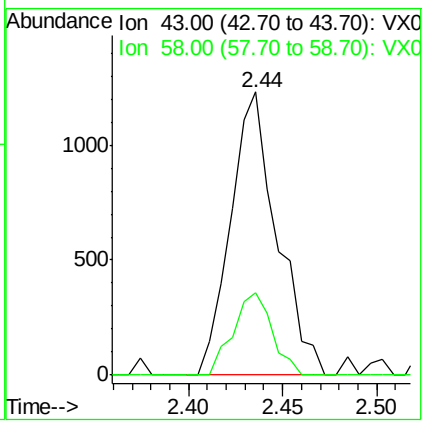


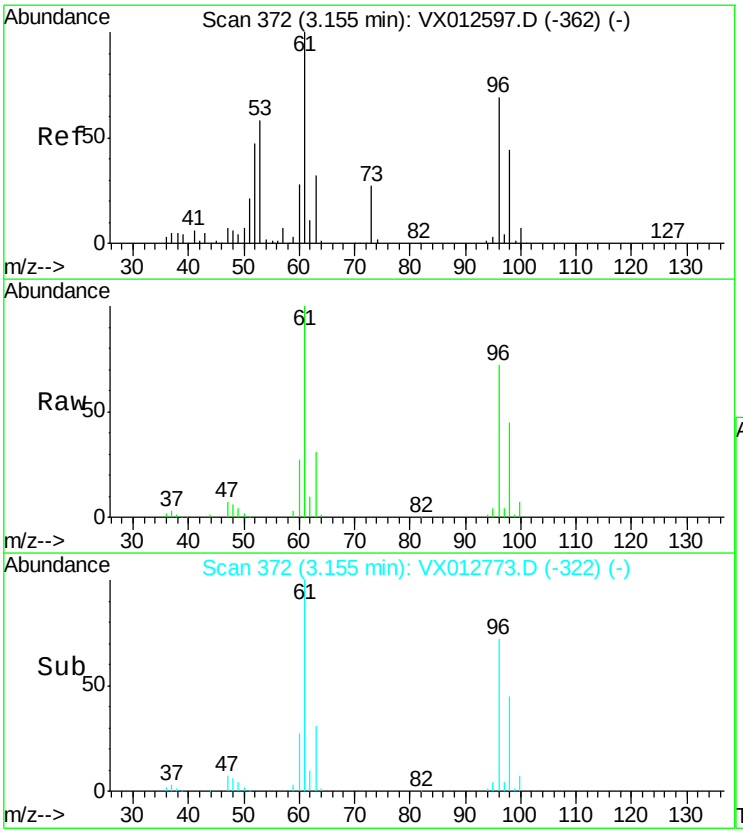
#16
Acetone
Concen: 1.581 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
S49-0537

Tgt Ion: 43 Resp: 2094

Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.3	34.9

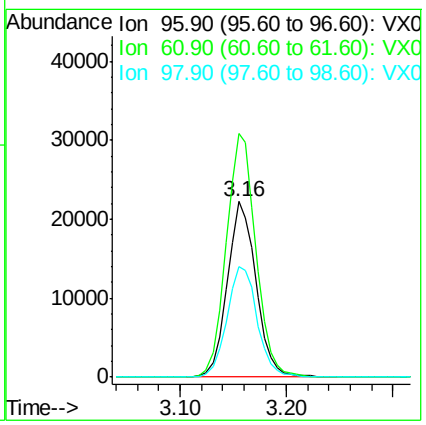


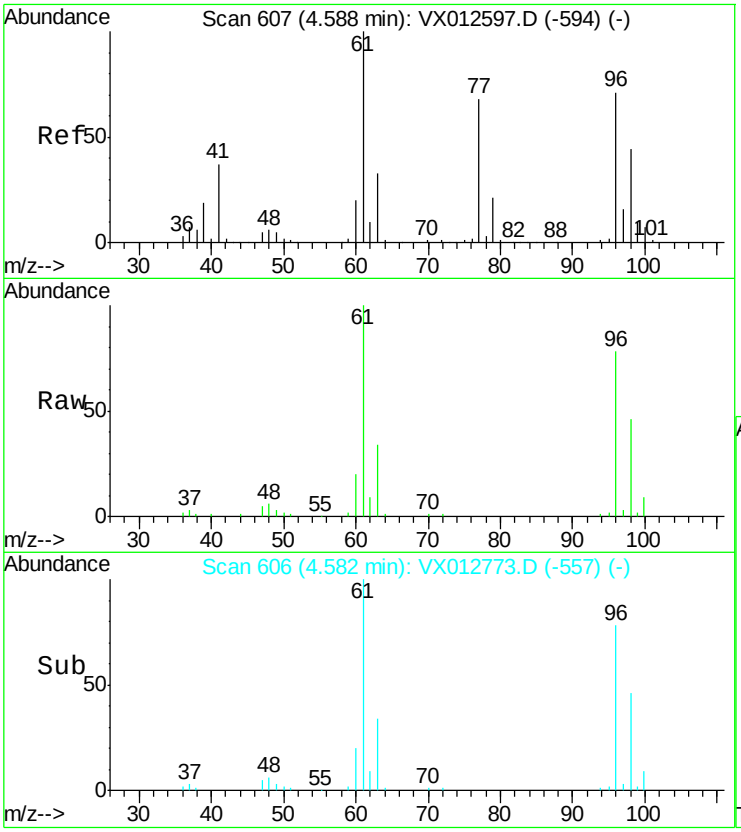


#21
trans-1,2-Dichloroethene
Concen: 20.547 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.01 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Tgt Ion: 96 Resp: 42013

Ion	Ratio	Lower	Upper
96	100		
61	138.9	112.0	168.0
98	62.8	47.8	71.8



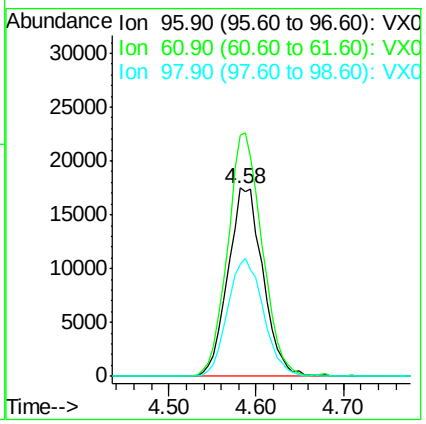


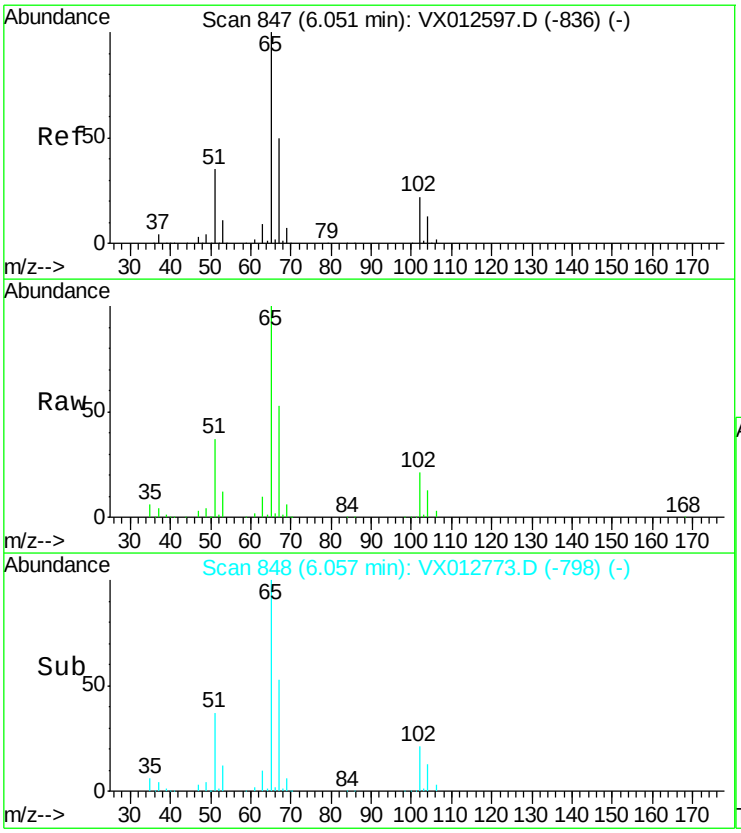
#27
cis-1,2-Dichloroethene
Concen: 20.459 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
S49-0537

Tgt Ion: 96 Resp: 48539

Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	319.4
98	63.5	0.0	130.6

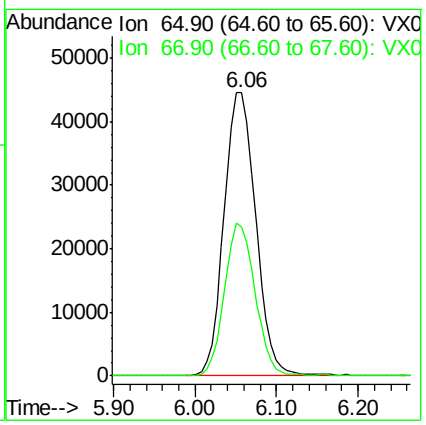


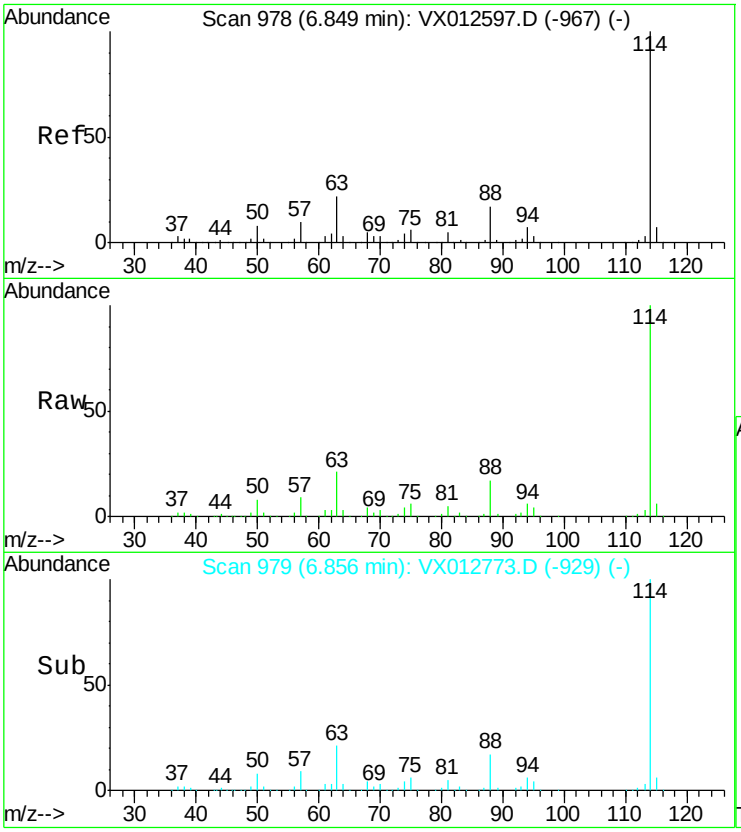


#33
1,2-Dichloroethane-d4
Concen: 47.958 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Tgt Ion: 65 Resp: 119881

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.2



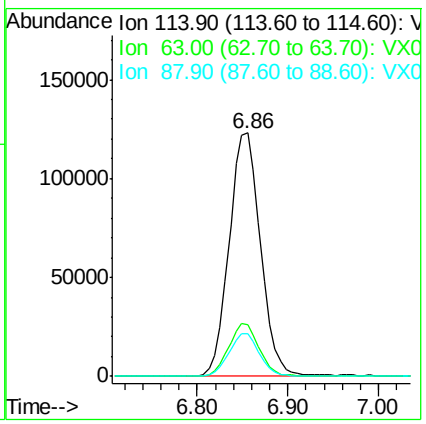


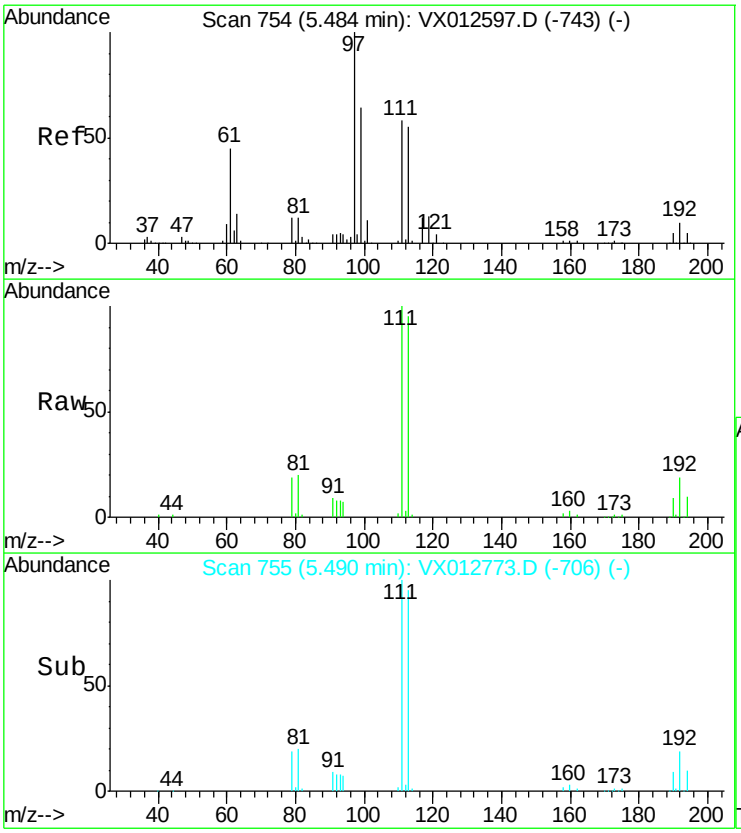
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
S49-0537

Tgt Ion:114 Resp: 295875

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	17.4	0.0	33.2

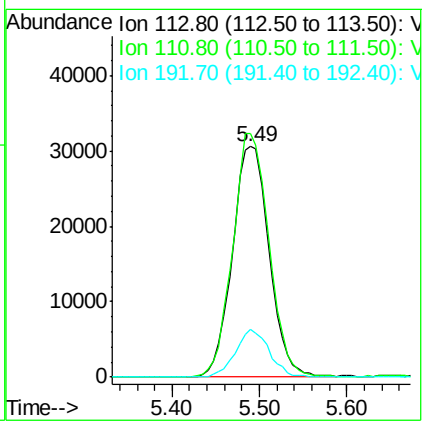


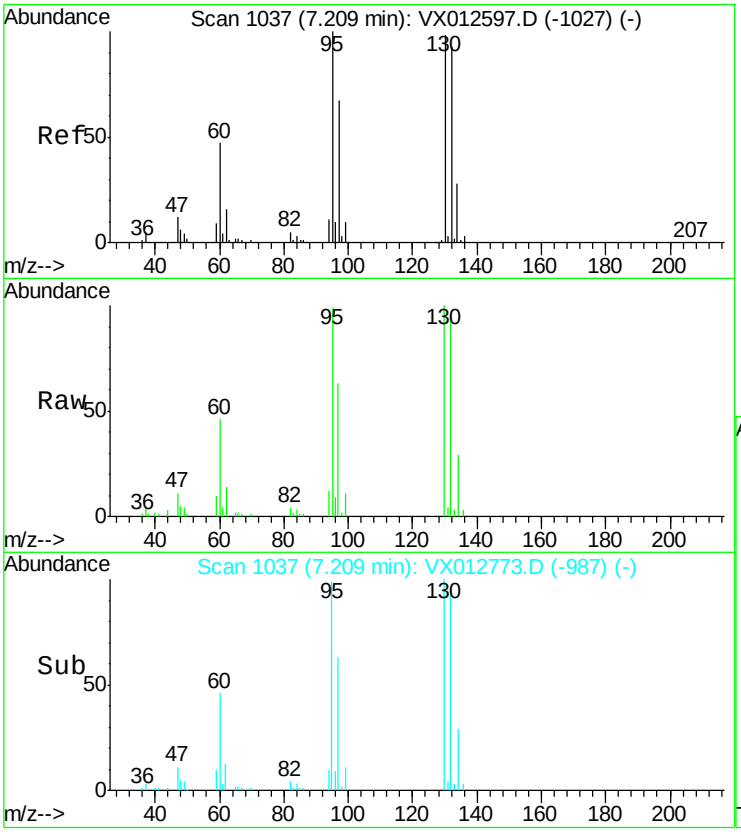


#35
Dibromofluoromethane
Concen: 50.864 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Tgt Ion:113 Resp: 89625

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.4	125.2
192	18.8	14.4	21.6



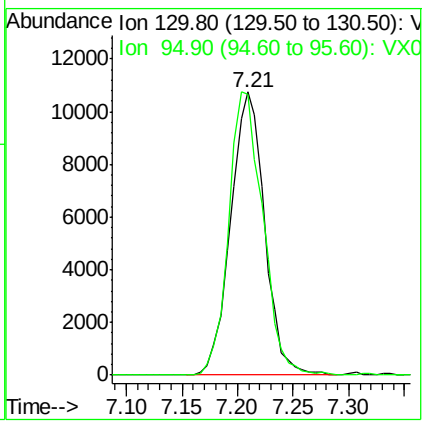


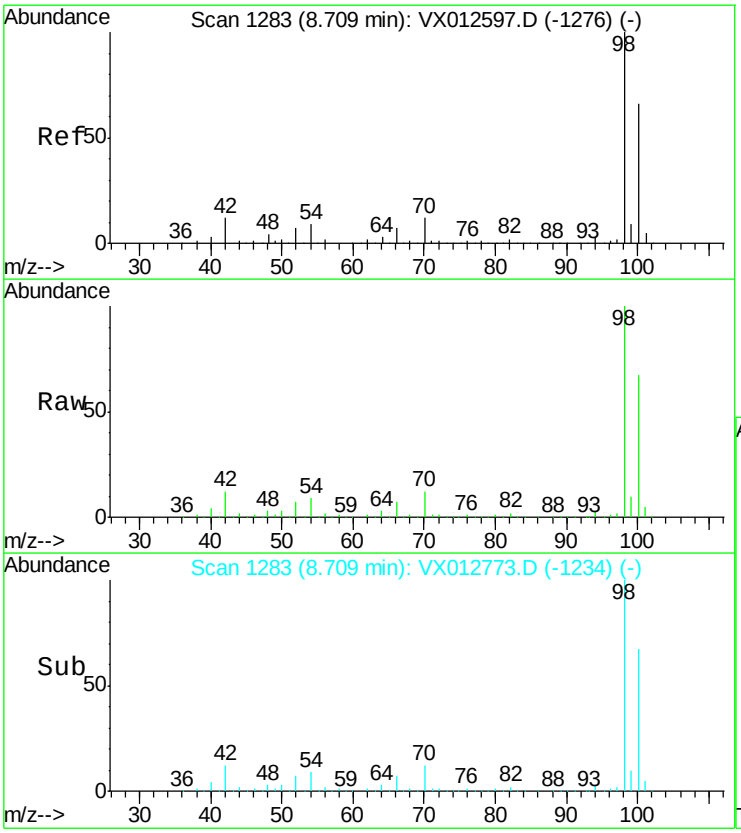
#44
Trichloroethene
Concen: 10.567 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
S49-0537

Tgt Ion:130 Resp: 22668

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	193.0

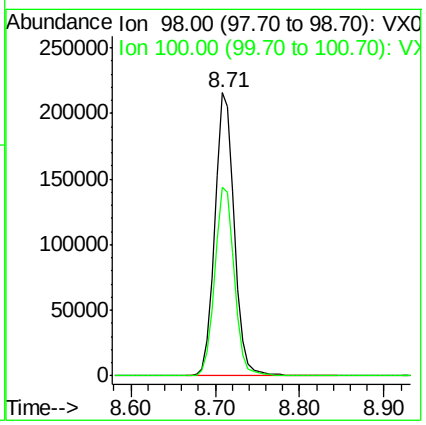


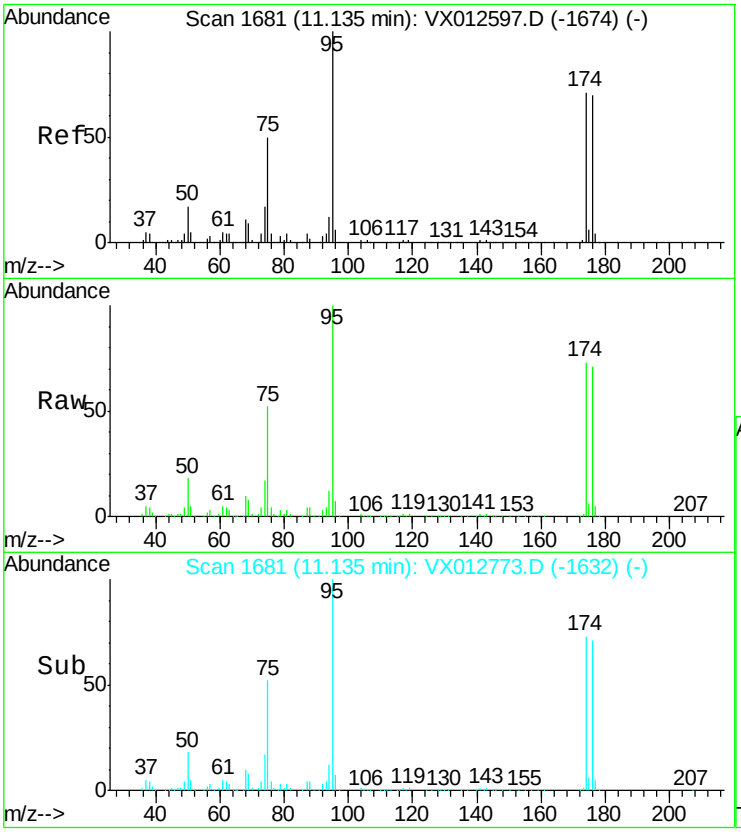


#50
Toluene-d8
Concen: 50.842 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Tgt Ion: 98 Resp: 345005

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.2



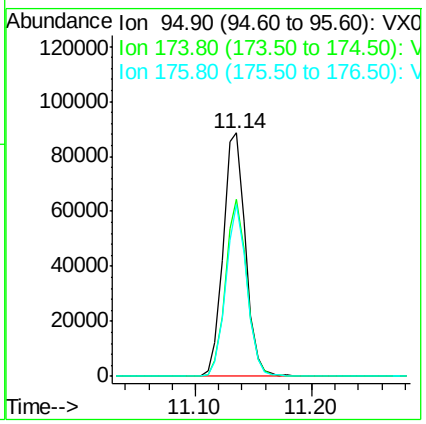


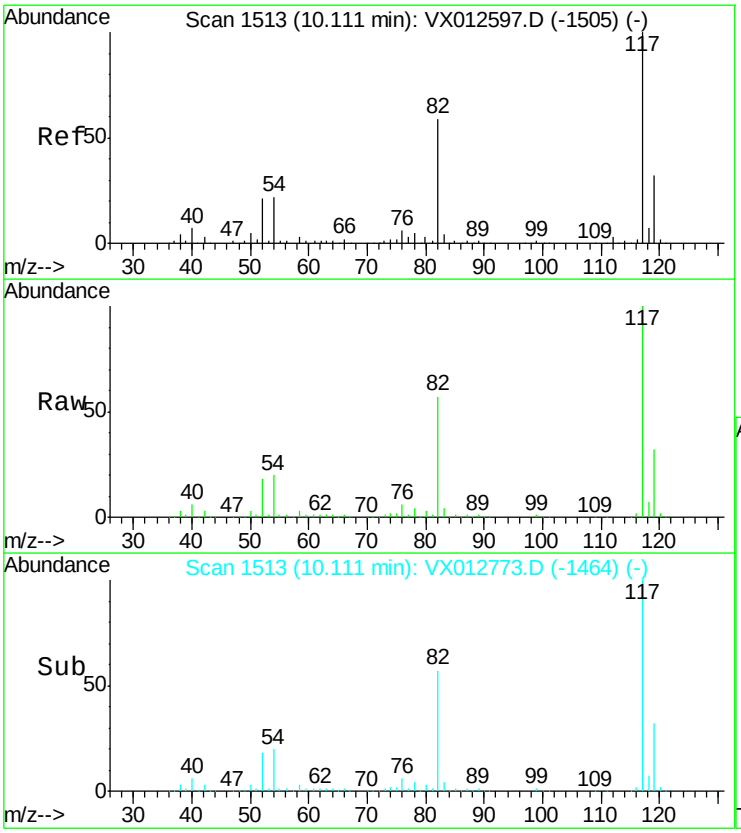
#62
4-Bromofluorobenzene
Concen: 43.904 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
S49-0537

Tgt Ion: 95 Resp: 117144

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	140.0
176	67.0	0.0	135.4

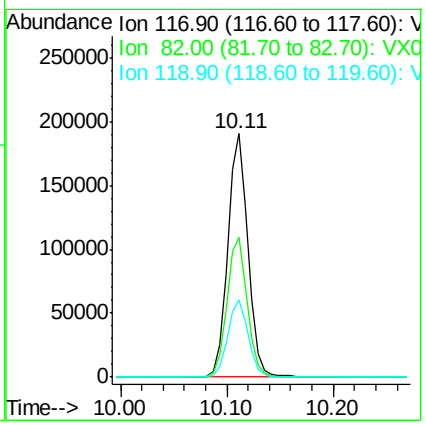


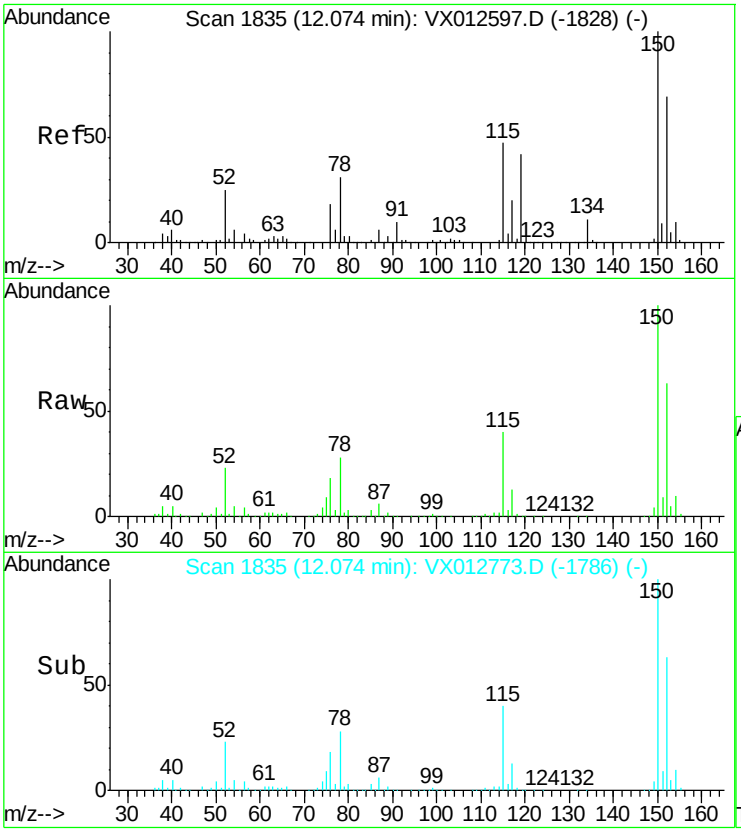


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Tgt Ion:117 Resp: 252773

Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.9	68.9
119	31.7	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012773.D
Acq: 02 Oct 2019 20:44

Instrument :
MSVOA_X
ClientSampleId :
S49-0537

Tgt Ion:152 Resp: 96238

Ion	Ratio	Lower	Upper
152	100		
115	64.1	44.1	132.3
150	158.7	0.0	343.8