Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018721.D
Acq On : 01 Oct 2020 00:52
Operator : JC/SP
Sample : L4202-02
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BFSB5

Quant Time: Oct 01 06:31:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	252894	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	239226	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	115648	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	45427	3.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.60%			
7) Chloroethane-d5	1.70	69	44218	3.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.20%			
11) 1,1-Dichloroethene-d2	2.34	63	90520	3.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.00%			
20) 2-Butanone-d5	4.54	46	190058	56.32	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.64%			
24) Chloroform-d	5.14	84	143656	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	6.03	65	82330	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
32) Benzene-d6	6.04	84	251969	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	7.37	67	80765	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	8.70	98	220330	4.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.20%			
45) trans-1,3-Dichloropropene-	8.99	79	32972	4.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.00%			
48) 2-Hexanone-d5	9.43	63	145624	54.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.68%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	64516	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%			
65) 1,2-Dichlorobenzene-d4	12.36	152	91482	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	11832	0.905	ug/L	94
13) Acetone	2.43	43	24579	13.160	ug/L	97
14) Carbon disulfide	2.55	76	3095	0.082	ug/L #	80
22) cis-1,2-Dichloroethene	4.57	96	23805	1.849	ug/L #	91
34) Trichloroethene	7.19	95	11040	0.827	ug/L	94
49) Tetrachloroethene	9.32	164	216242	20.579	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	5770	0.373	ug/L	95
71) 1,2,3-Trichlorobenzene	14.00	180	2147	0.154	ug/L	91

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

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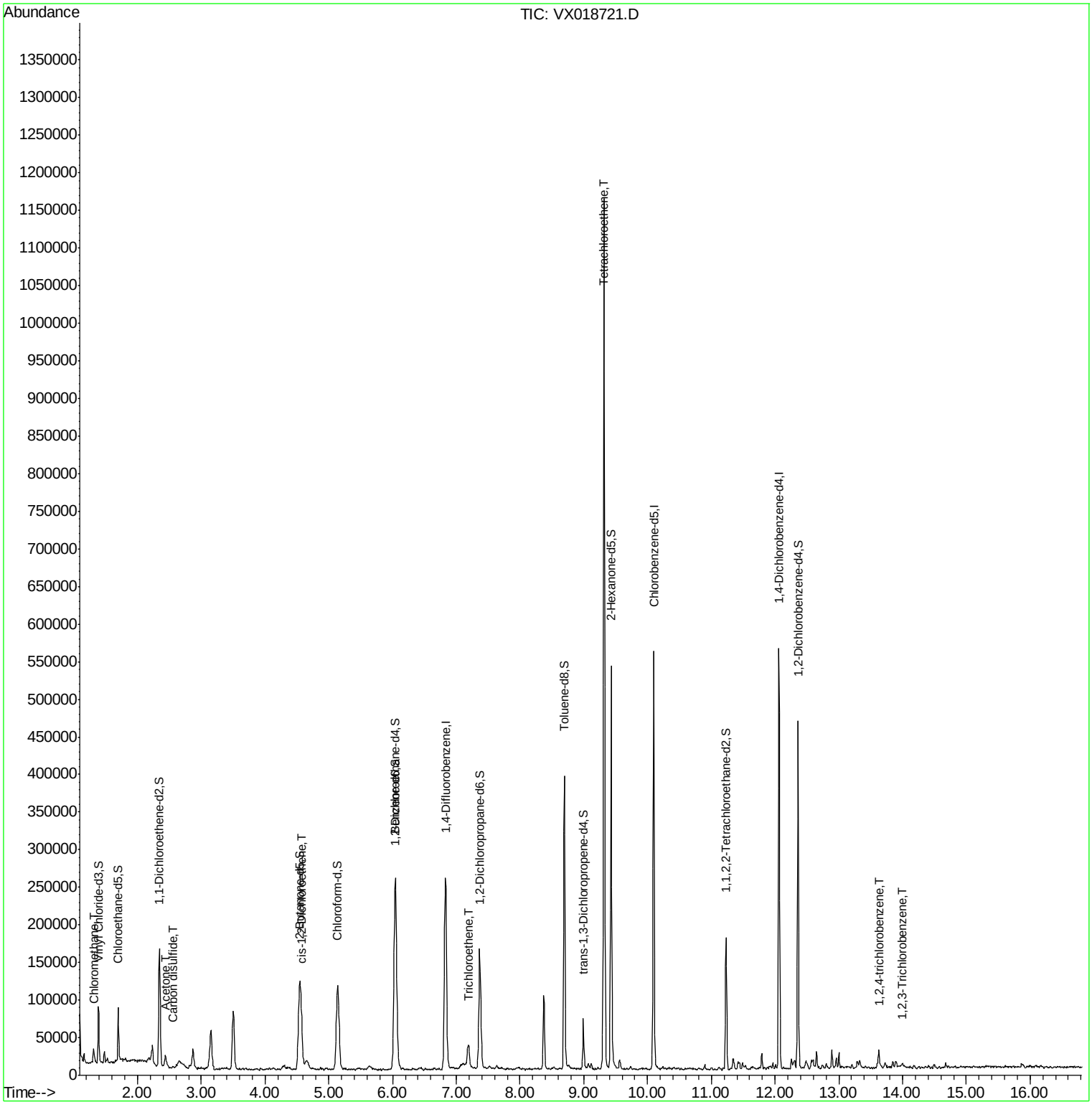
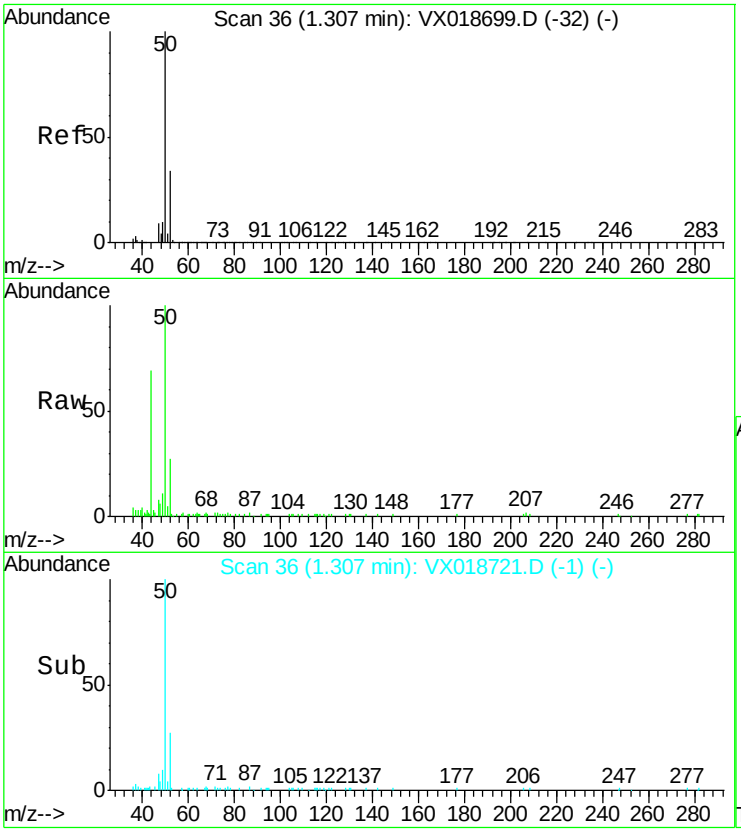
Acq On : 01 Oct 2020 00:52
Operator : JC/SP
Sample : L4202-02
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFSB5

Quant Time: Oct 01 06:31:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration



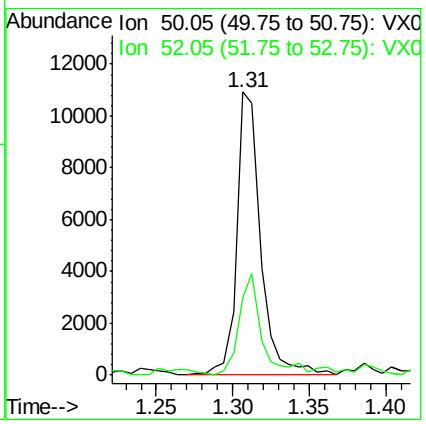


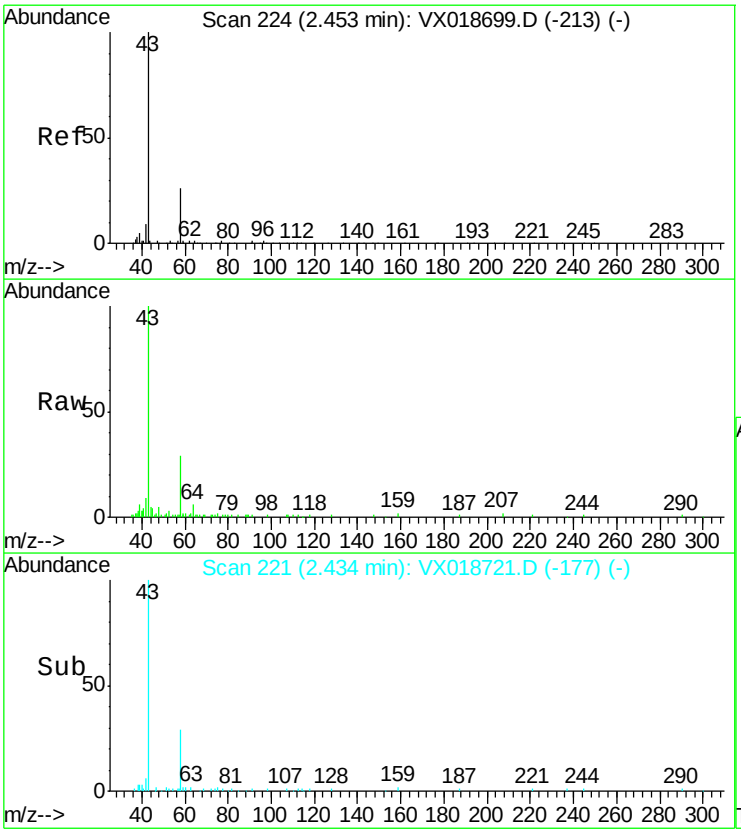
#3
Chloromethane
Concen: 0.905 ug/L
RT: 1.31 min Scan# 36
Delta R.T. -0.00 min
Lab File: VX018721.D
Acq: 01 Oct 2020 00:52

Instrument :
MSVOA_X
ClientSampleId :
BFSB5

Tgt Ion: 50 Resp: 11832

Ion	Ratio	Lower	Upper
50	100		
52	27.1	21.2	39.4

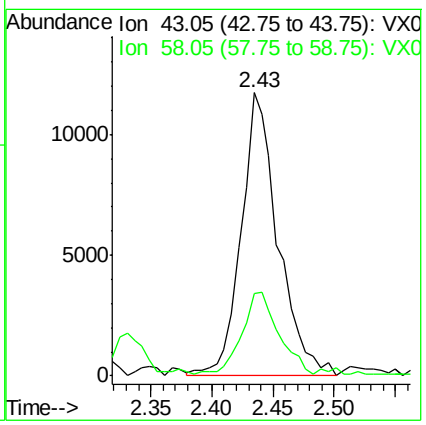


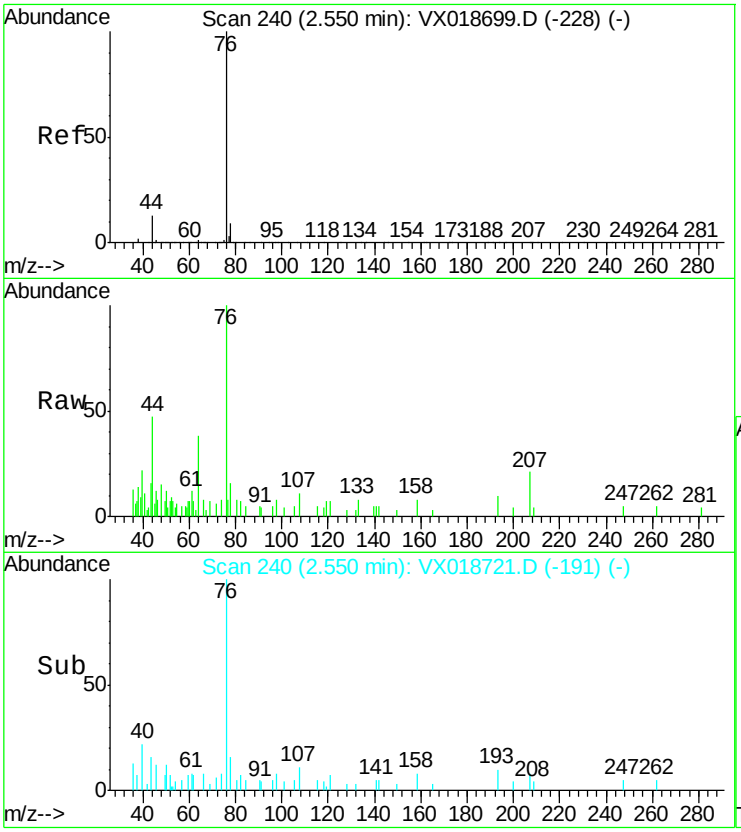


#13
Acetone
Concen: 13.160 ug/L
RT: 2.43 min Scan# 221
Delta R.T. -0.03 min
Lab File: VX018721.D
Acq: 01 Oct 2020 00:52

Tgt Ion: 43 Resp: 24579

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	61.6



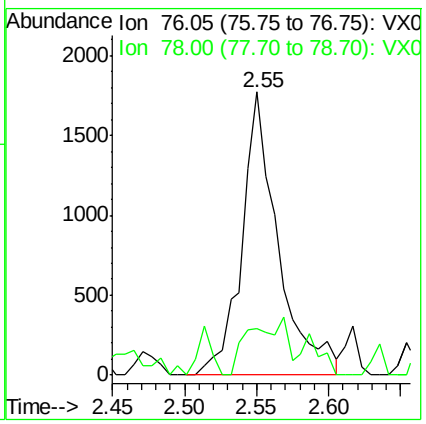


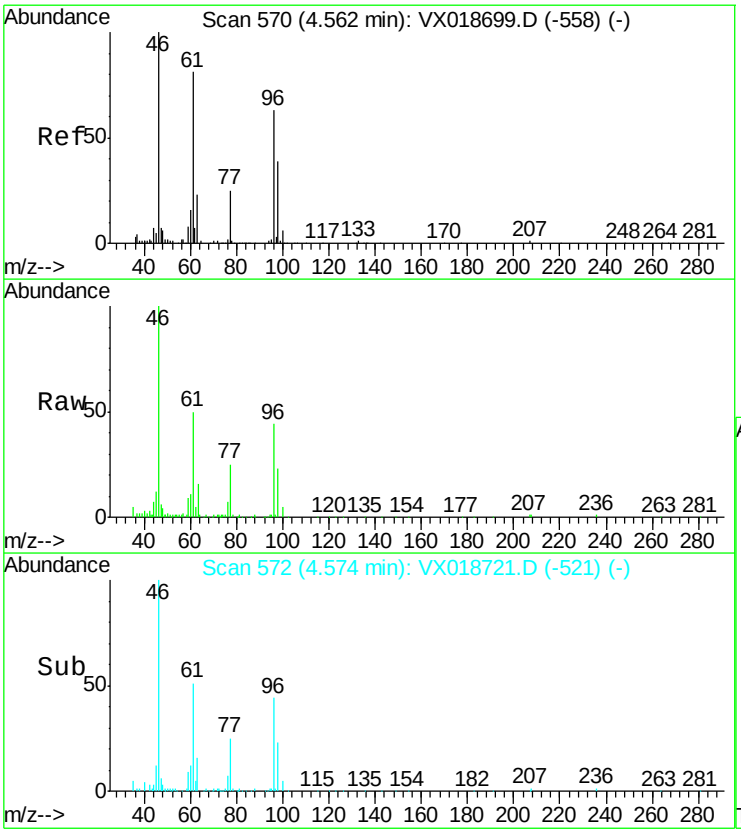
#14
Carbon disulfide
Concen: 0.082 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018721.D
Acq: 01 Oct 2020 00:52

Instrument :
MSVOA_X
ClientSampleId :
BFSB5

Tgt Ion: 76 Resp: 3095

Ion	Ratio	Lower	Upper
76	100		
78	16.4	7.4	11.0#

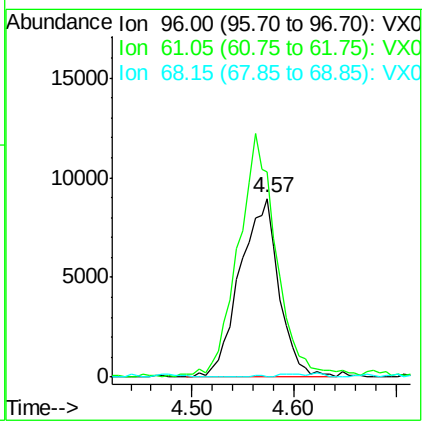


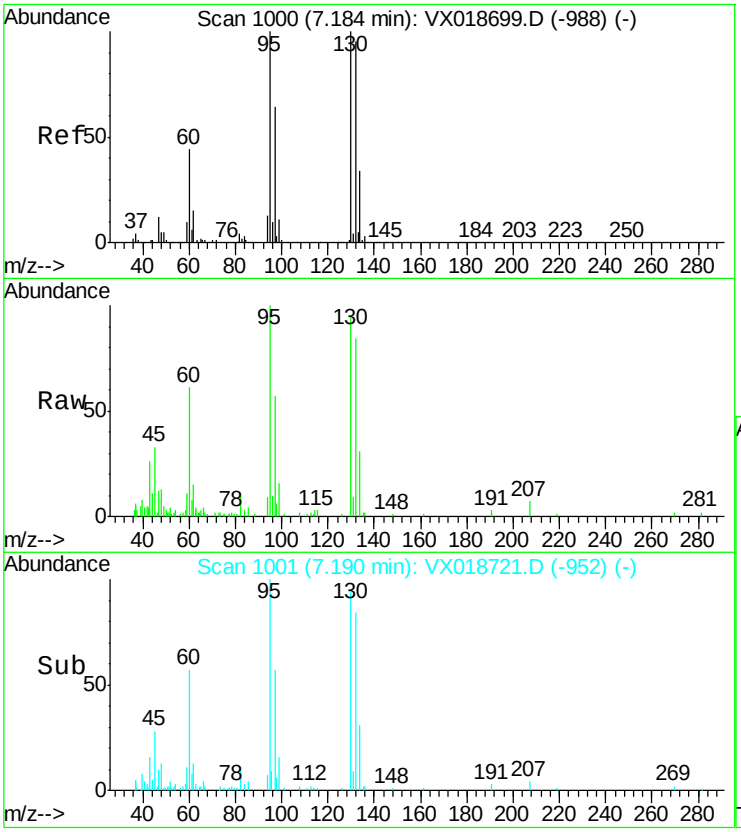


#22
cis-1,2-Dichloroethene
Concen: 1.849 ug/L
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX018721.D
Acq: 01 Oct 2020 00:52

Tgt Ion: 96 Resp: 23805

Ion	Ratio	Lower	Upper
96	100		
61	114.9	87.7	162.9
68	0.0	0.3	0.7#



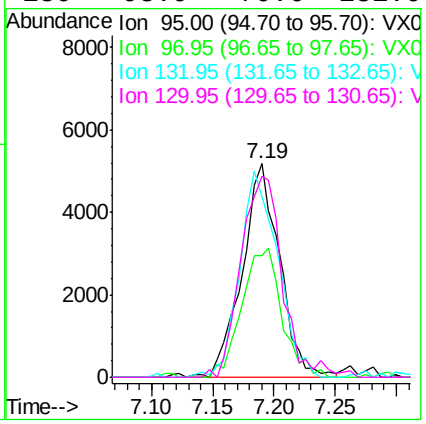


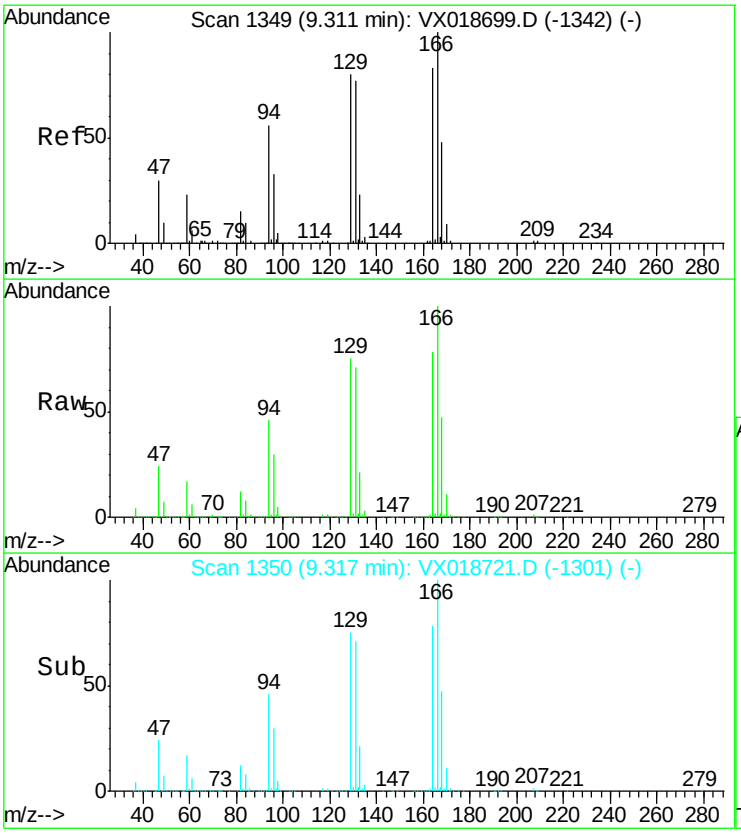
#34
Trichloroethene
Concen: 0.827 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX018721.D
Acq: 01 Oct 2020 00:52

Instrument :
MSVOA_X
ClientSampleId :
BFSB5

Tgt Ion: 95 Resp: 11040

Ion	Ratio	Lower	Upper
95	100		
97	57.1	40.6	75.4
132	84.4	64.3	119.5
130	93.9	70.6	131.0

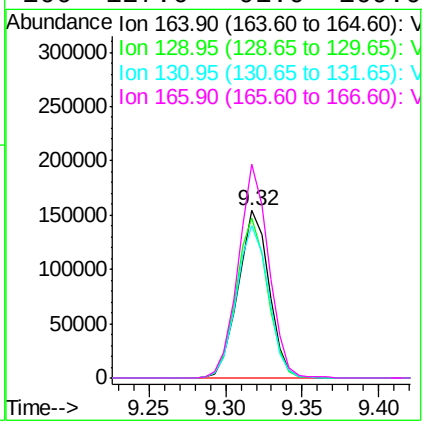


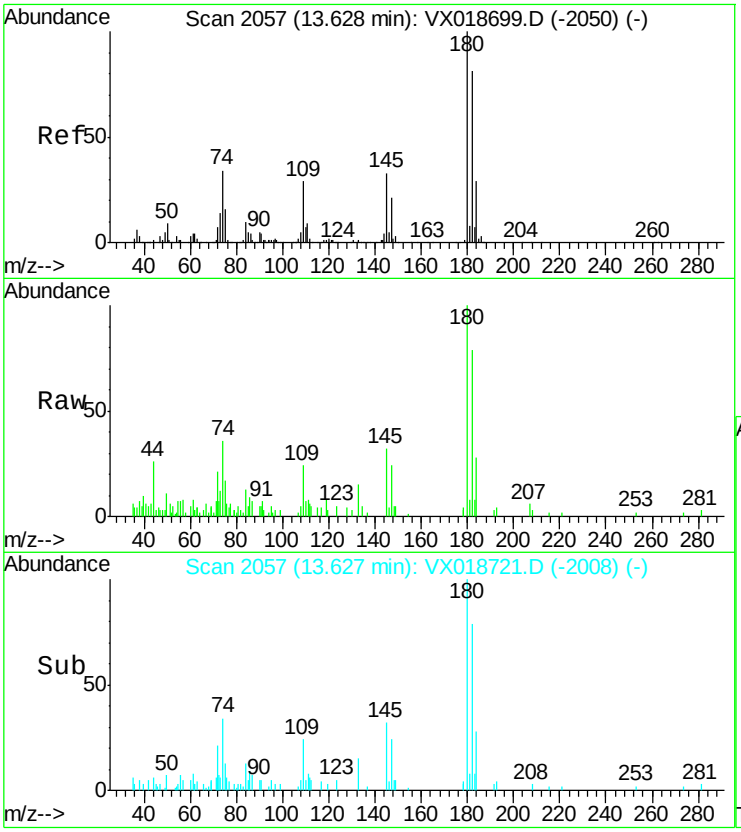


#49
Tetrachloroethene
Concen: 20.579 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018721.D
Acq: 01 Oct 2020 00:52

Tgt Ion:164 Resp: 216242

Ion	Ratio	Lower	Upper
164	100		
129	95.7	65.9	122.3
131	90.7	61.4	114.0
166	127.6	91.0	169.0



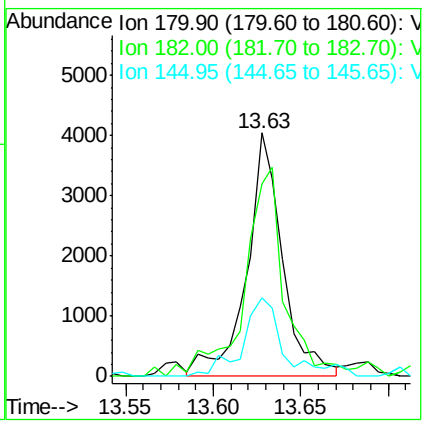


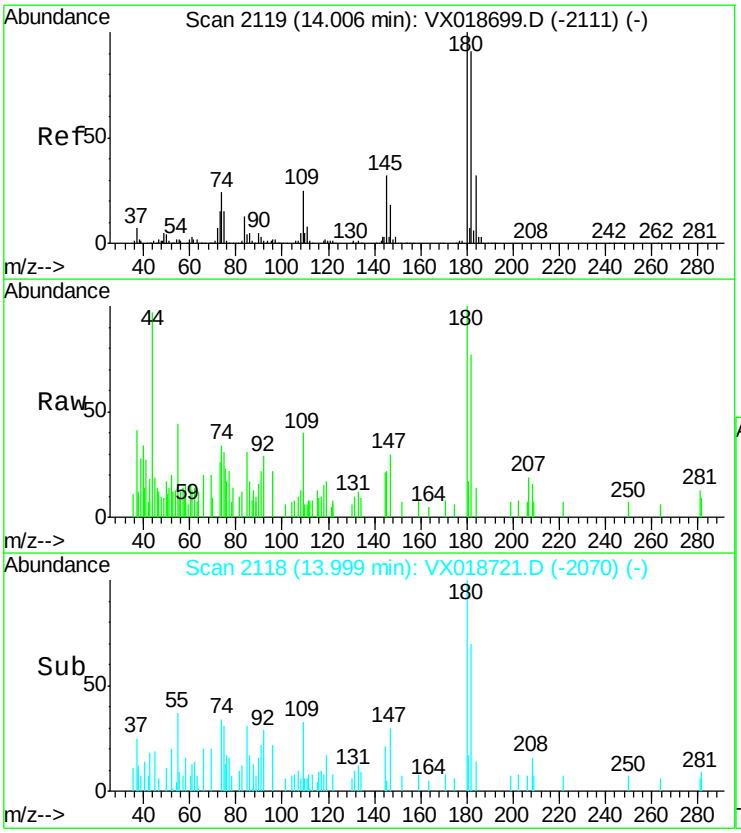
#69
1,2,4-trichlorobenzene
Concen: 0.373 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018721.D
Acq: 01 Oct 2020 00:52

Instrument :
MSVOA_X
ClientSampleId :
BFSB5

Tgt Ion:180 Resp: 5770

Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.6	112.0
145	37.1	25.0	37.6





#71
1,2,3-Trichlorobenzene
Concen: 0.154 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018721.D
Acq: 01 Oct 2020 00:52

Tgt Ion:180 Resp: 2147

Ion	Ratio	Lower	Upper
180	100		
182	85.0	77.7	116.5
145	36.7	28.6	42.8