Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\

Quantitation Report (Not Reviewed)

Data File : VX018720.D
Acq On : 01 Oct 2020 00:28
Operator : JC/SP
Sample : L4202-01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BFSB4

Quant Time: Oct 01 02:46:05 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	276118	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	253935	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	128015	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	46628	3.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.60%			
7) Chloroethane-d5	1.70	69	46985	3.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.20%			
11) 1,1-Dichloroethene-d2	2.34	63	92656	2.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.00%#			
20) 2-Butanone-d5	4.54	46	198059	53.76	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.52%			
24) Chloroform-d	5.14	84	147417	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	6.03	65	83072	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
32) Benzene-d6	6.05	84	256022	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	7.37	67	83056	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	8.70	98	228632	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
45) trans-1,3-Dichloropropene-	8.99	79	32905	4.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.80%			
48) 2-Hexanone-d5	9.43	63	161855	56.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.80%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	63793	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
65) 1,2-Dichlorobenzene-d4	12.36	152	96206	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	48346	3.387	ug/L	99
5) Vinyl chloride	1.39	62	1014	0.068	ug/L #	1
8) Chloroethane	1.71	64	4031	0.490	ug/L #	58
13) Acetone	2.44	43	12509	6.134	ug/L	99
14) Carbon disulfide	2.55	76	2812	0.069	ug/L #	93
15) Methyl Acetate	2.67	43	7473	1.324	ug/L #	54
18) trans-1,2-Dichloroethene	3.14	96	7861	0.583	ug/L	87
22) cis-1,2-Dichloroethene	4.56	96	403351	28.689	ug/L #	92
25) Chloroform	5.18	83	5222	0.198	ug/L #	73
34) Trichloroethene	7.19	95	194057	13.699	ug/L	98
35) Methylcyclohexane	7.37	83	21912	1.112	ug/L #	16
37) 1,2-Dichloropropane	7.37	63	11100	0.850	ug/L #	87
39) cis-1,3-Dichloropropene	8.37	75	2788	0.150	ug/L	83
43) 1,3,5-Trimethylbenzene	11.49	105	10954	0.237	ug/L	88
44) 1,2,4-Trimethylbenzene	11.79	105	17765	0.384	ug/L	98
47) 1,1,2-Trichloroethane	9.34	97	215536	22.992	ug/L #	16
49) Tetrachloroethene	9.33	164	18095639	1622.372	ug/L	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\

Quantitation Report (Not Reviewed)

Data File : VX018720.D
Acq On : 01 Oct 2020 00:28
Operator : JC/SP
Sample : L4202-01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BFSB4

Quant Time: Oct 01 02:46:05 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)
51) Dibromochloromethane	9.33	129	18087749	1474.498	ug/L	#	10
67) 1,2-Dibromo-3-chloropropan	13.00	75	682	0.309	ug/L	#	9
69) 1,2,4-trichlorobenzene	13.63	180	24745	1.445	ug/L		95
71) 1,2,3-Trichlorobenzene	14.01	180	6914	0.447	ug/L		90

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

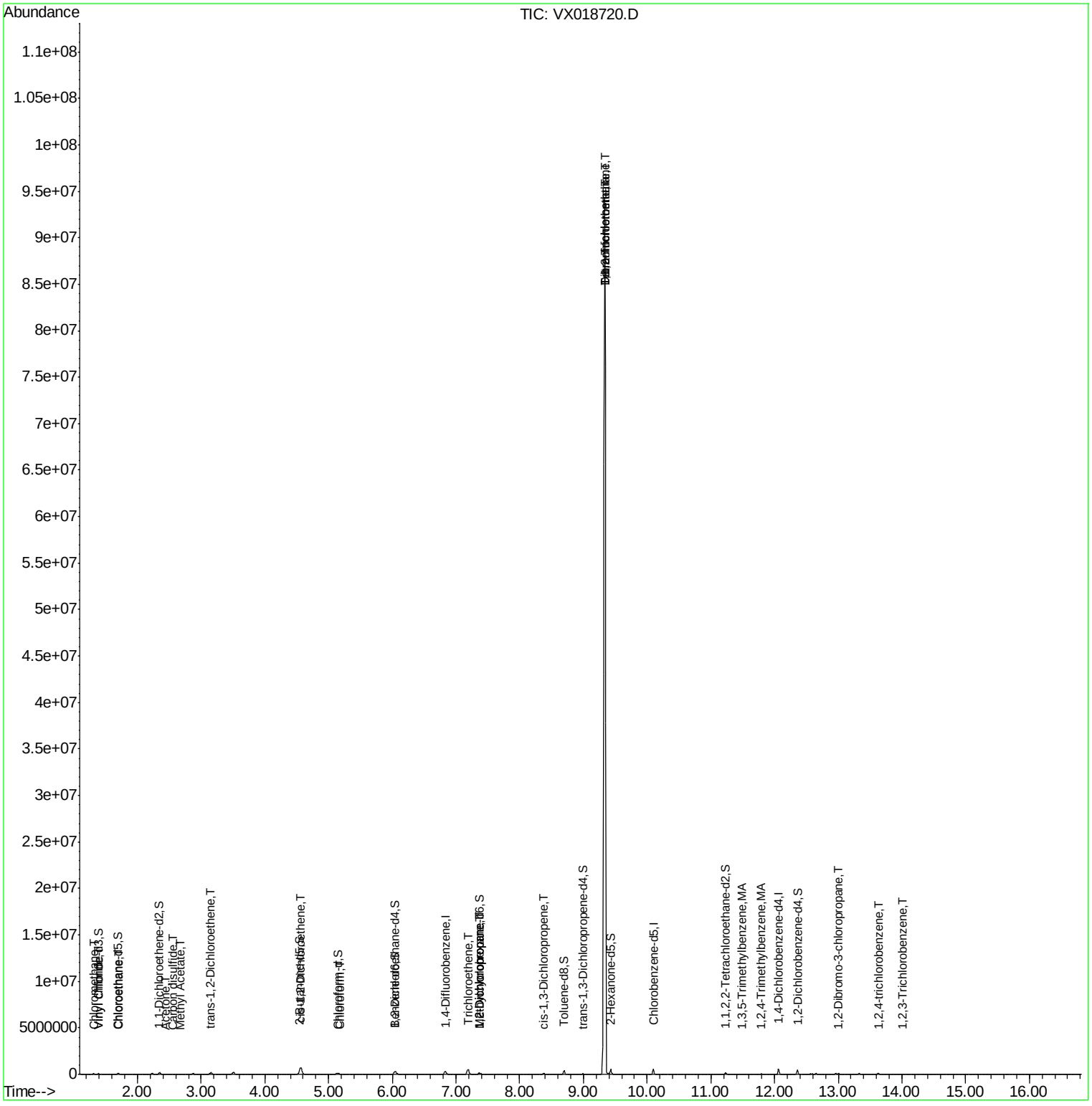
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\

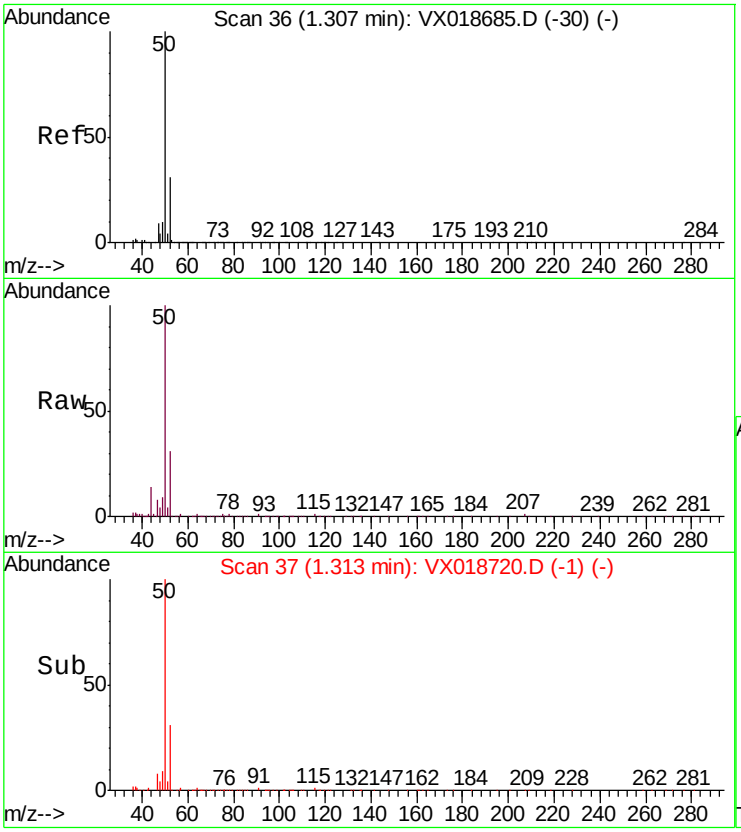
Quantitation Report (Not Reviewed)

Data File : VX018720.D
Acq On : 01 Oct 2020 00:28
Operator : JC/SP
Sample : L4202-01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Quant Time: Oct 01 02:46:05 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



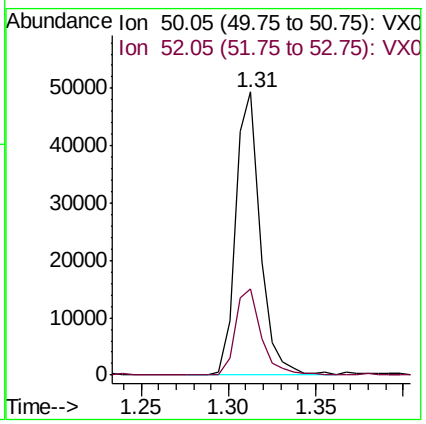


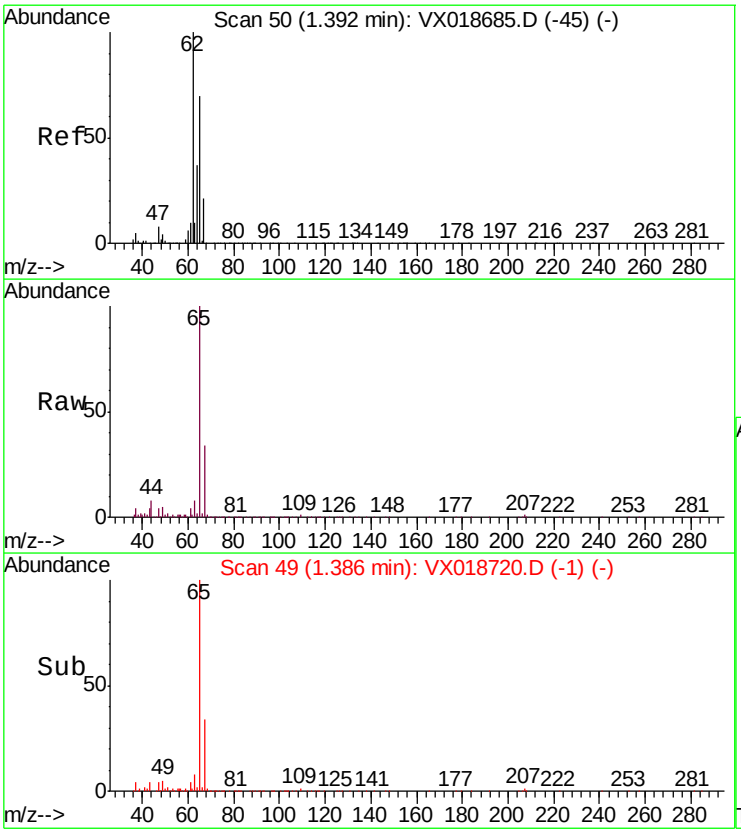
#3
Chloromethane
Concen: 3.387 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.01 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion: 50 Resp: 48346

Ion	Ratio	Lower	Upper
50	100		
52	30.6	21.2	39.4

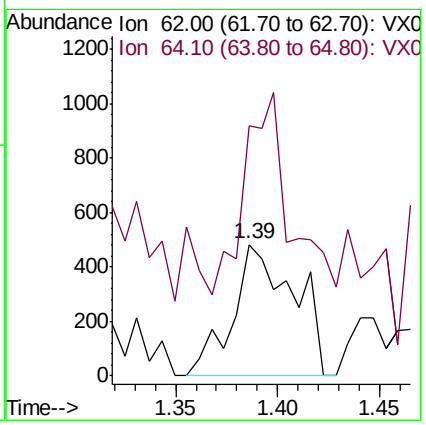


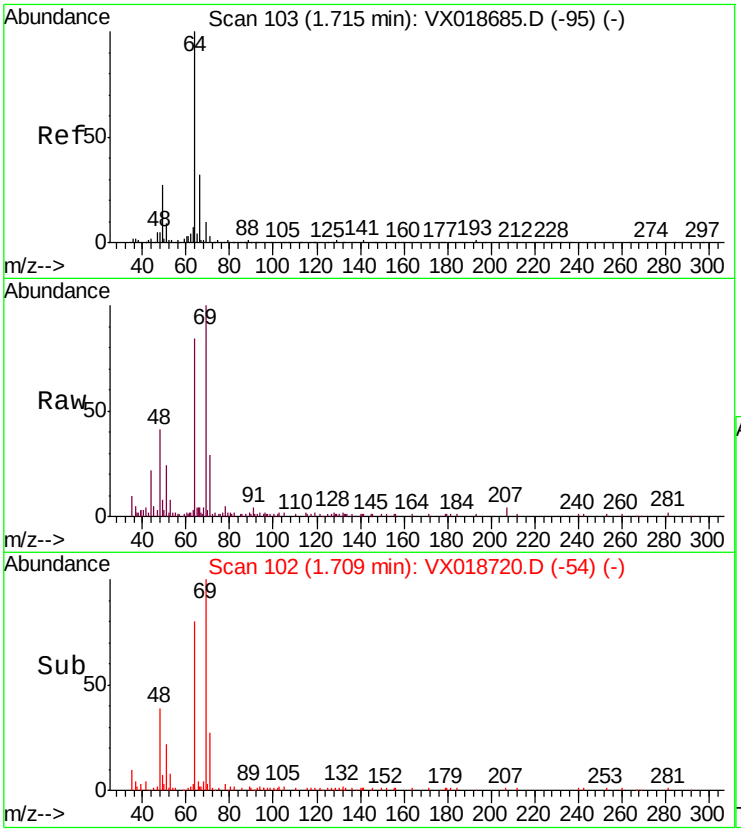


#5
Vinyl chloride
Concen: 0.068 ug/L
RT: 1.39 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion: 62 Resp: 1014

Ion	Ratio	Lower	Upper
62	100		
64	190.5	23.6	43.8#



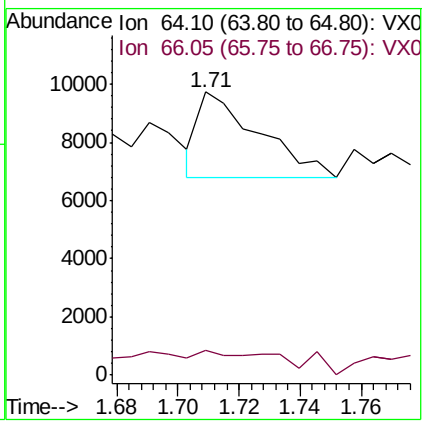


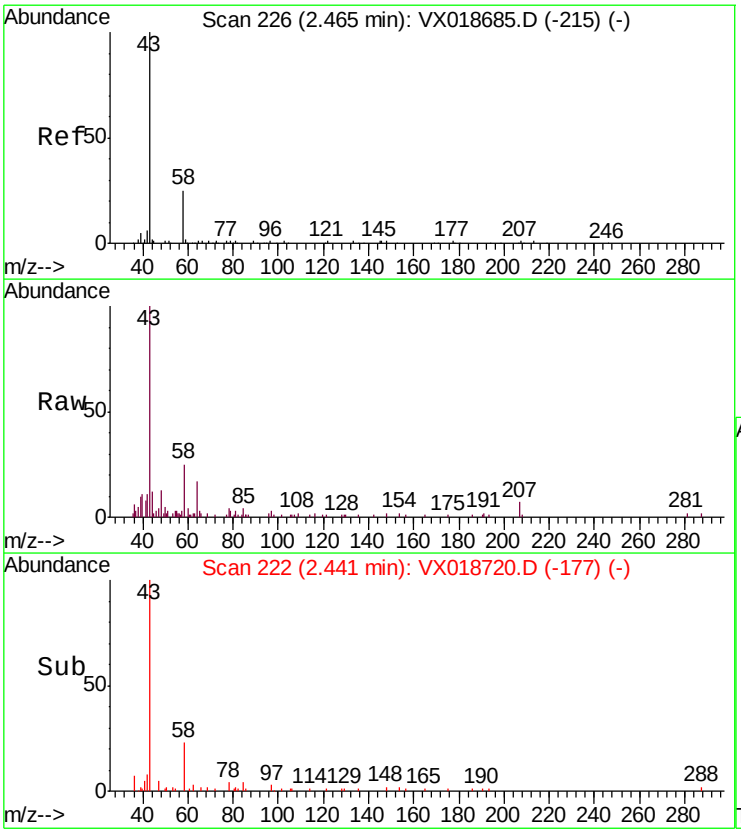
#8
Chloroethane
Concen: 0.490 ug/L
RT: 1.71 min Scan# 102
Delta R.T. -0.01 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion: 64 Resp: 4031

Ion	Ratio	Lower	Upper
64	100		
66	8.7	22.3	41.3#

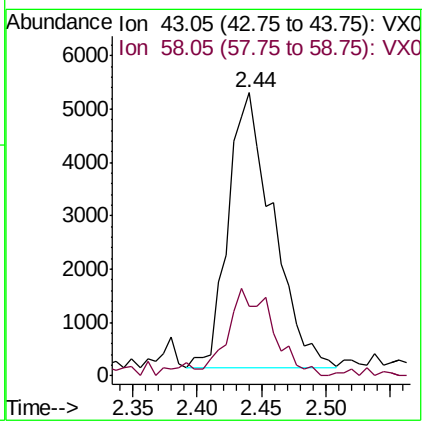


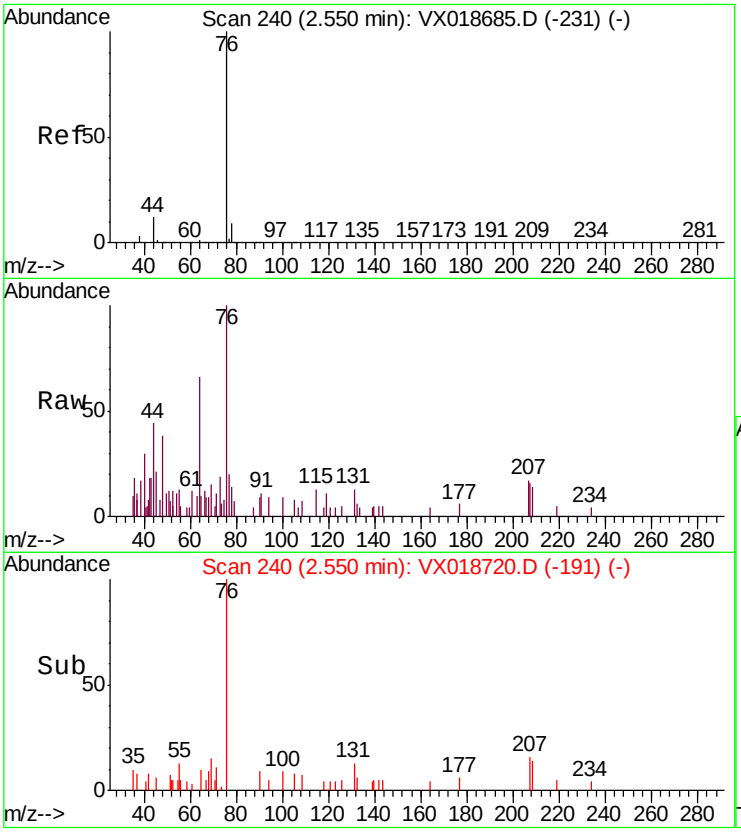


#13
Acetone
Concen: 6.134 ug/L
RT: 2.44 min Scan# 222
Delta R.T. -0.02 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion: 43 Resp: 12509

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	61.6



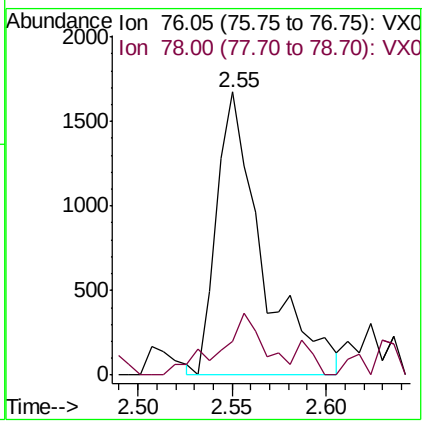


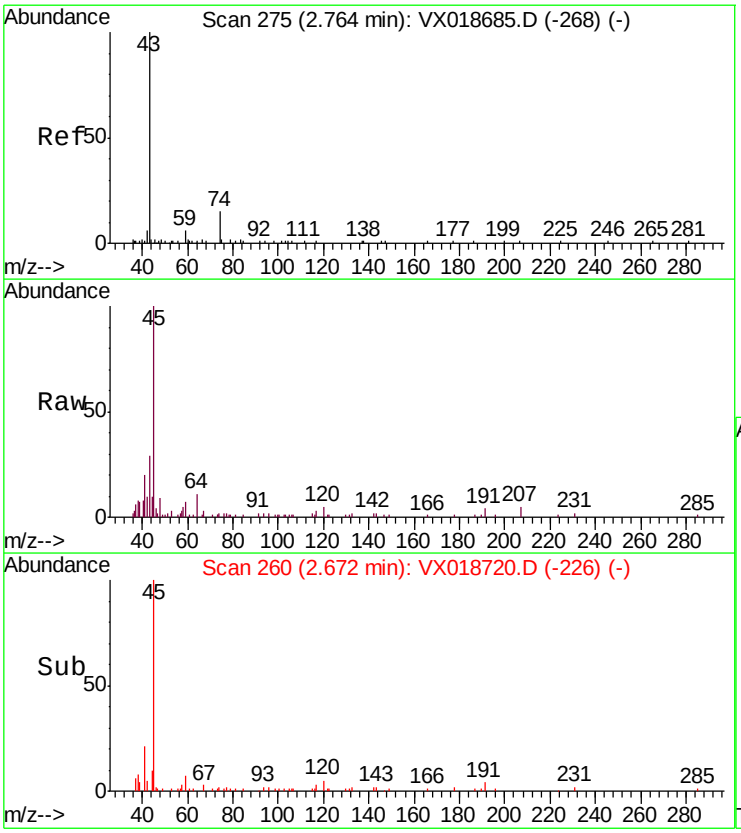
#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion: 76 Resp: 2812

Ion	Ratio	Lower	Upper
76	100		
78	11.8	7.4	11.0#

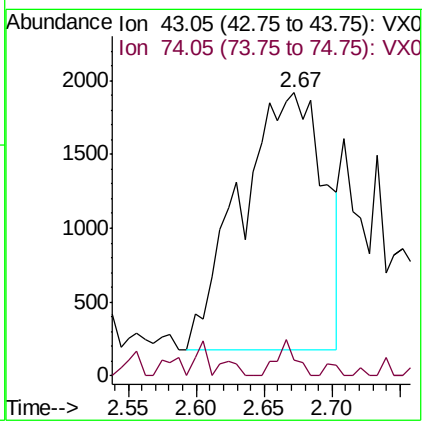


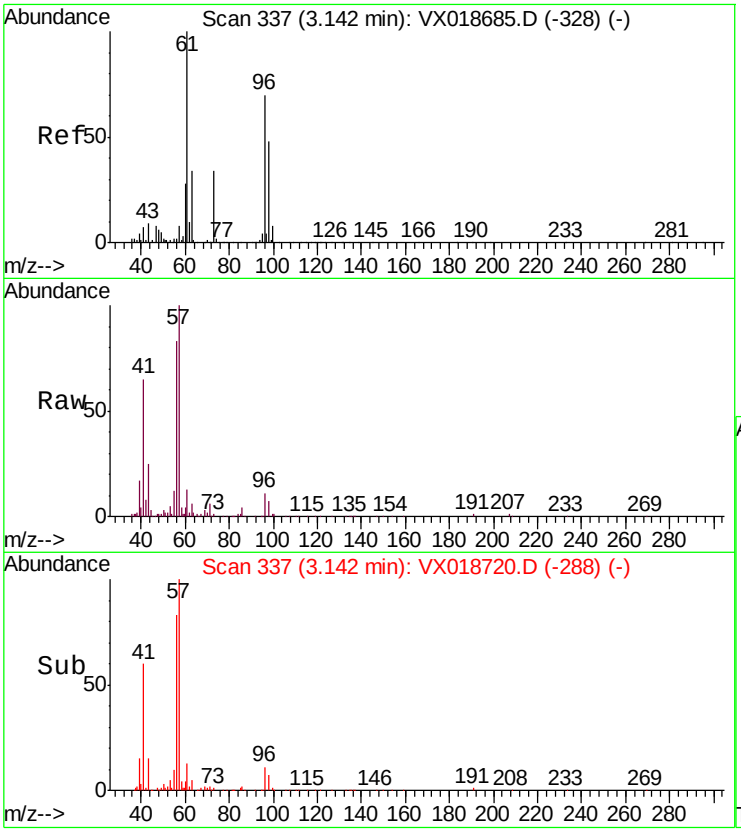


#15
Methyl Acetate
Concen: 1.324 ug/L
RT: 2.67 min Scan# 260
Delta R.T. -0.09 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion: 43 Resp: 7473

Ion	Ratio	Lower	Upper
43	100		
74	3.1	21.2	31.8#



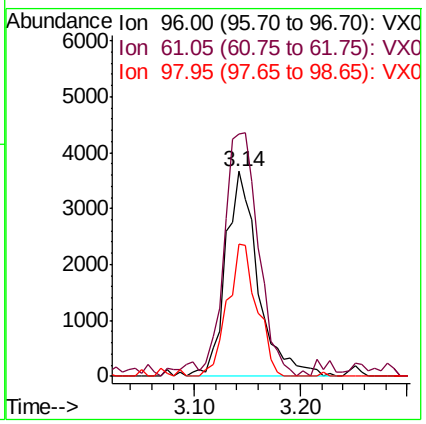


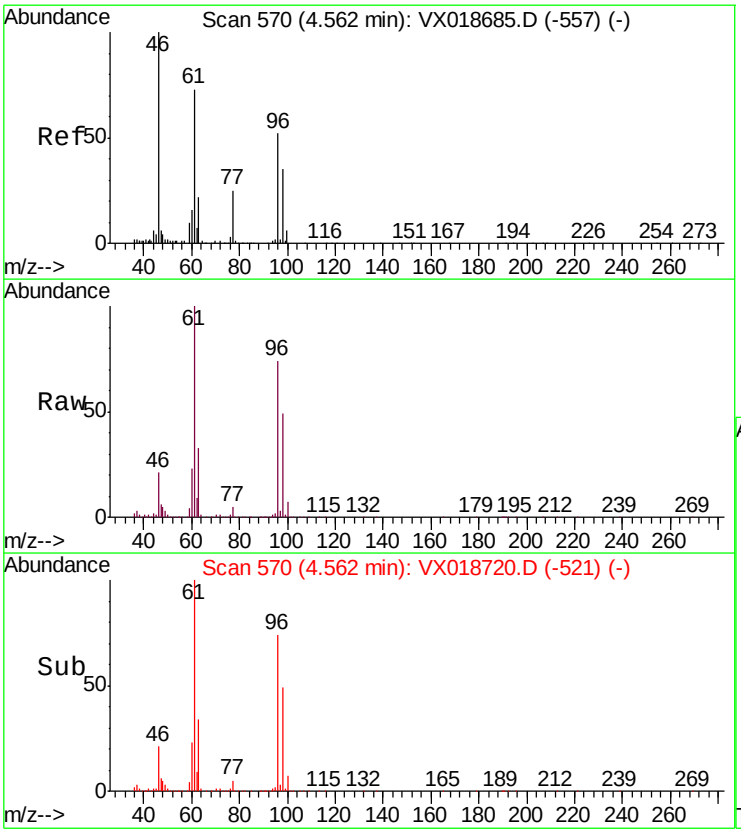
#18
trans-1,2-Dichloroethene
Concen: 0.583 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion: 96 Resp: 7861

Ion	Ratio	Lower	Upper
96	100		
61	117.9	97.3	180.7
98	64.6	46.6	86.6

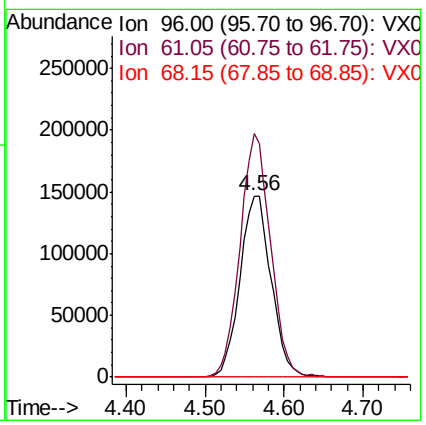


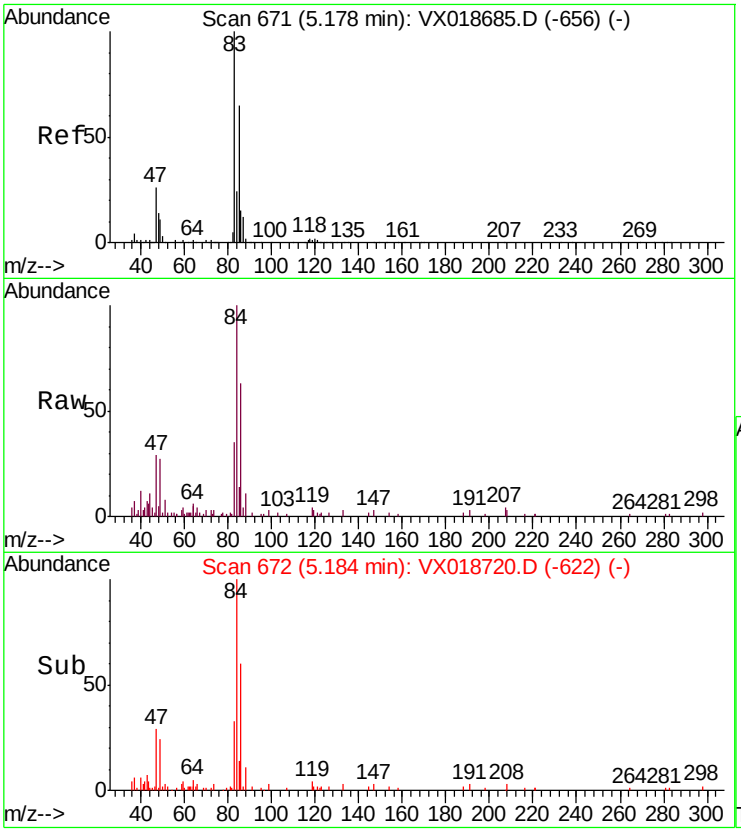


#22
cis-1,2-Dichloroethene
Concen: 28.689 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion: 96 Resp: 403351

Ion	Ratio	Lower	Upper
96	100		
61	134.6	87.7	162.9
68	0.1	0.3	0.7#



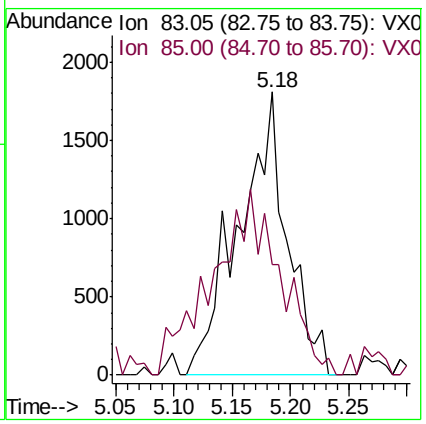


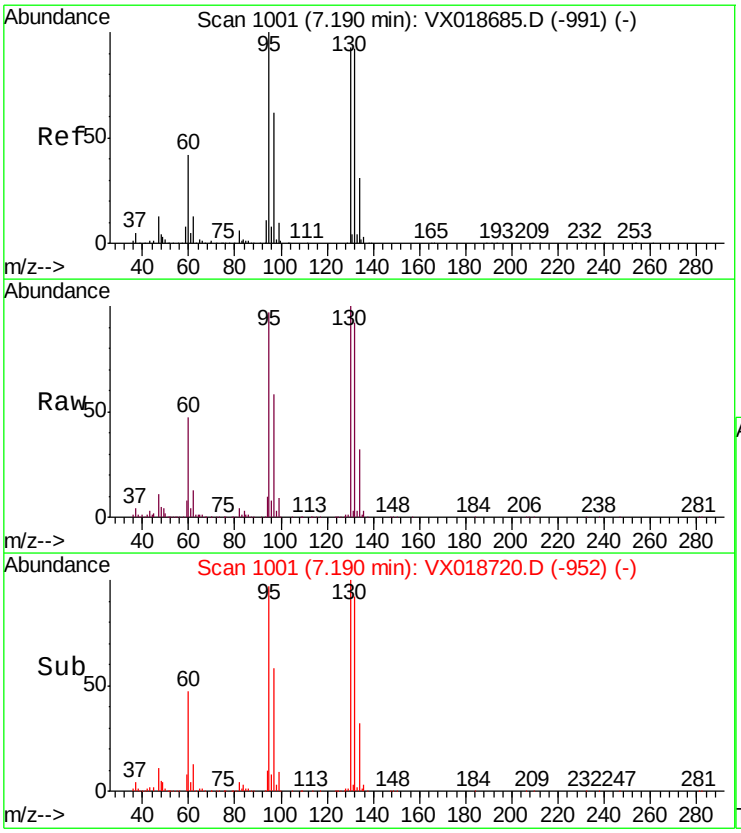
#25
Chloroform
Concen: 0.198 ug/L
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion: 83 Resp: 5222

Ion	Ratio	Lower	Upper
83	100		
85	39.0	41.8	77.6#

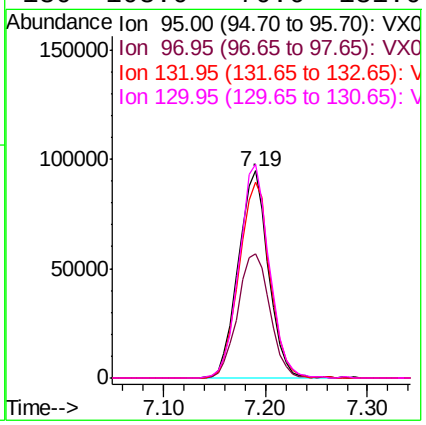


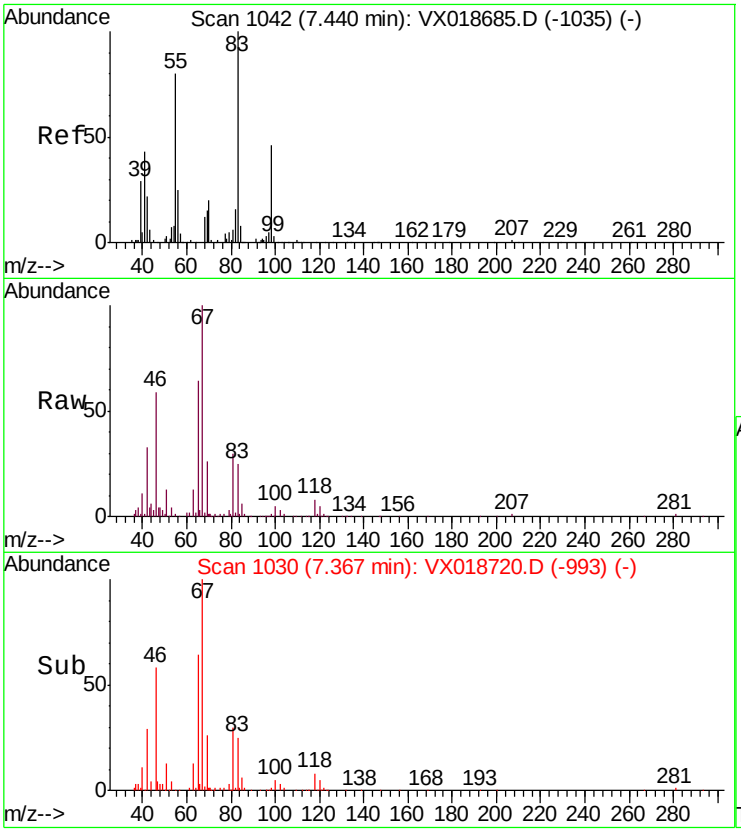


#34
Trichloroethene
Concen: 13.699 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion: 95 Resp: 194057

Ion	Ratio	Lower	Upper
95	100		
97	59.6	40.6	75.4
132	94.5	64.3	119.5
130	103.0	70.6	131.0



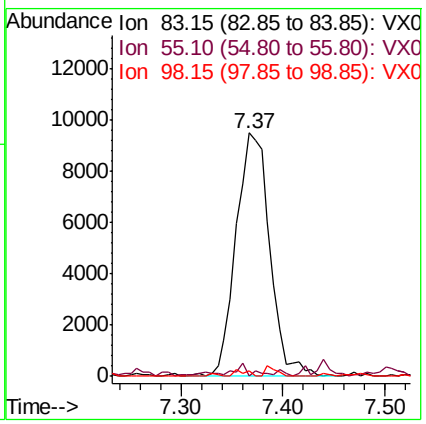


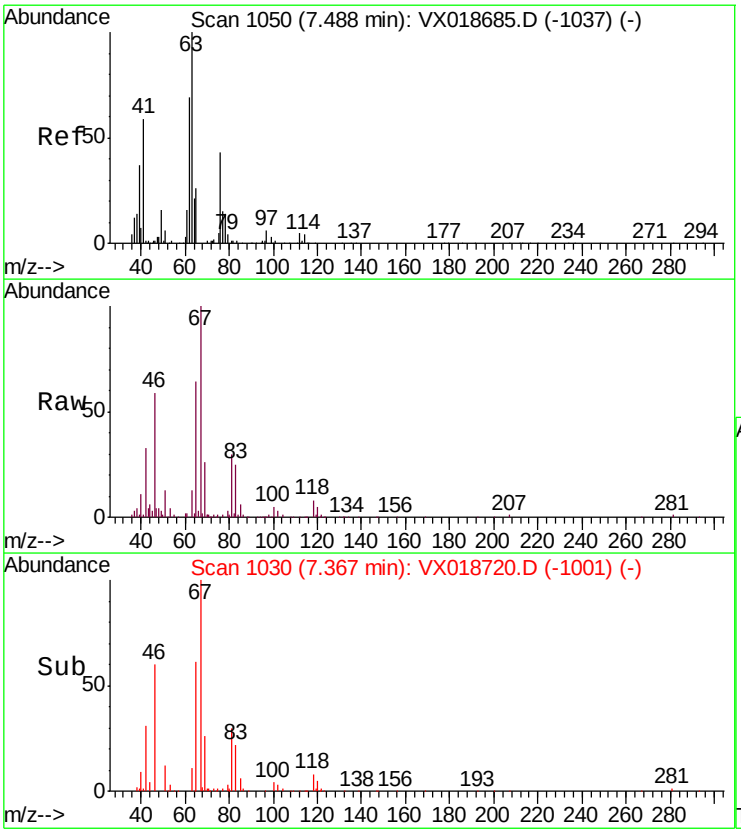
#35
Methylcyclohexane
Concen: 1.112 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion: 83 Resp: 21912

Ion	Ratio	Lower	Upper
83	100		
55	1.7	67.4	101.0#
98	1.0	41.1	61.7#

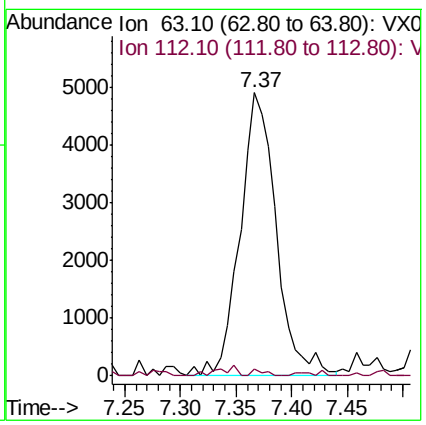


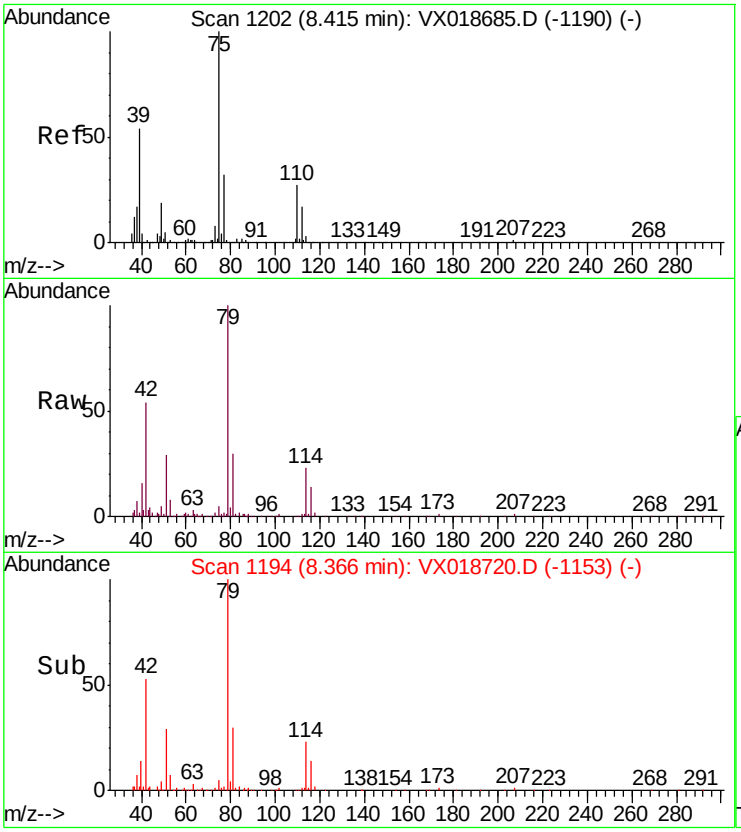


#37
1,2-Dichloropropane
Concen: 0.850 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion: 63 Resp: 11100

Ion	Ratio	Lower	Upper
63	100		
112	0.9	4.1	6.1#



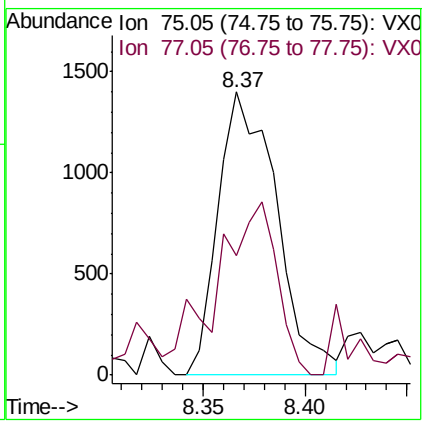


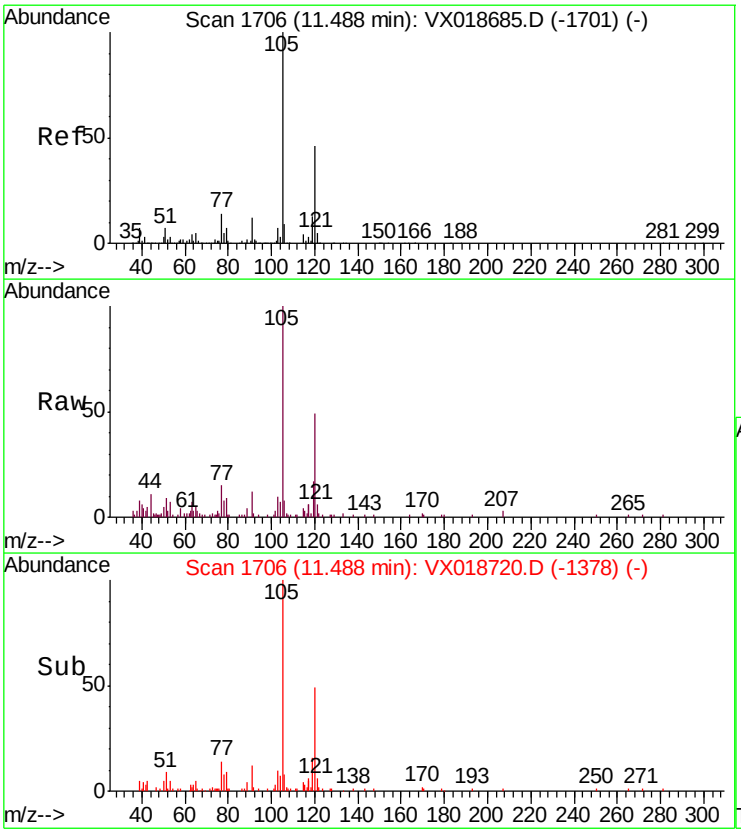
#39
cis-1,3-Dichloropropene
Concen: 0.150 ug/L
RT: 8.37 min Scan# 1194
Delta R.T. -0.05 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion: 75 Resp: 2788

Ion	Ratio	Lower	Upper
75	100		
77	42.5	23.0	42.8

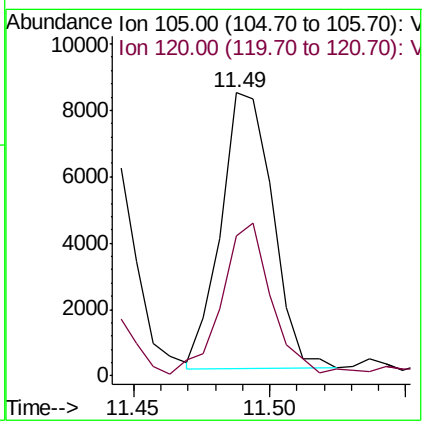


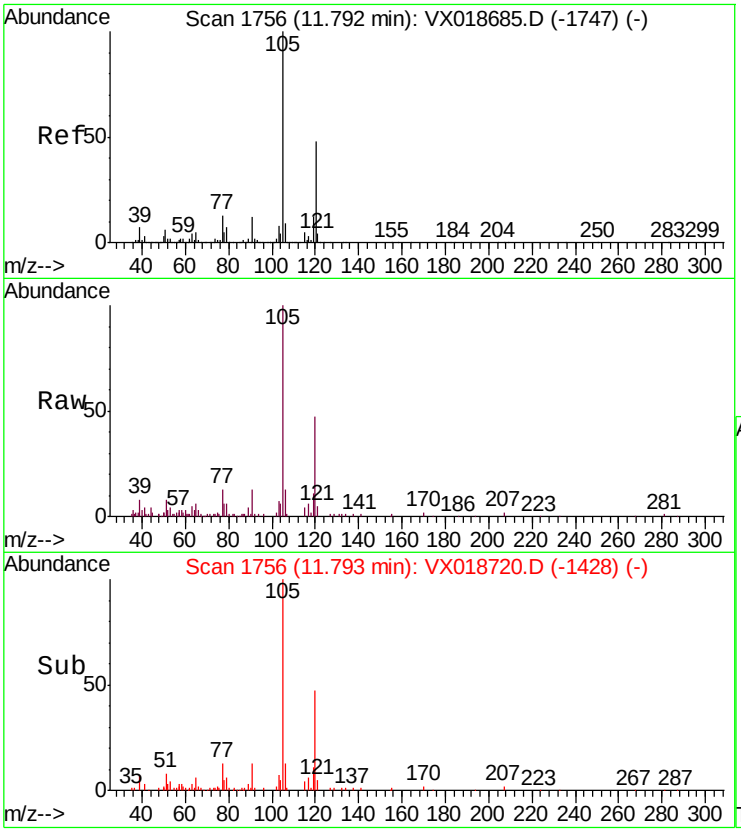


#43
1,3,5-Trimethylbenzene
Concen: 0.237 ug/L
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion:105 Resp: 10954

Ion	Ratio	Lower	Upper
105	100		
120	54.7	37.2	55.8



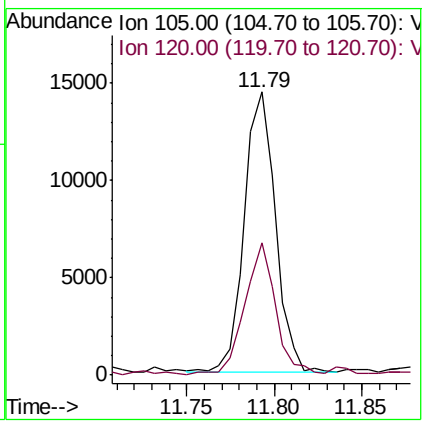


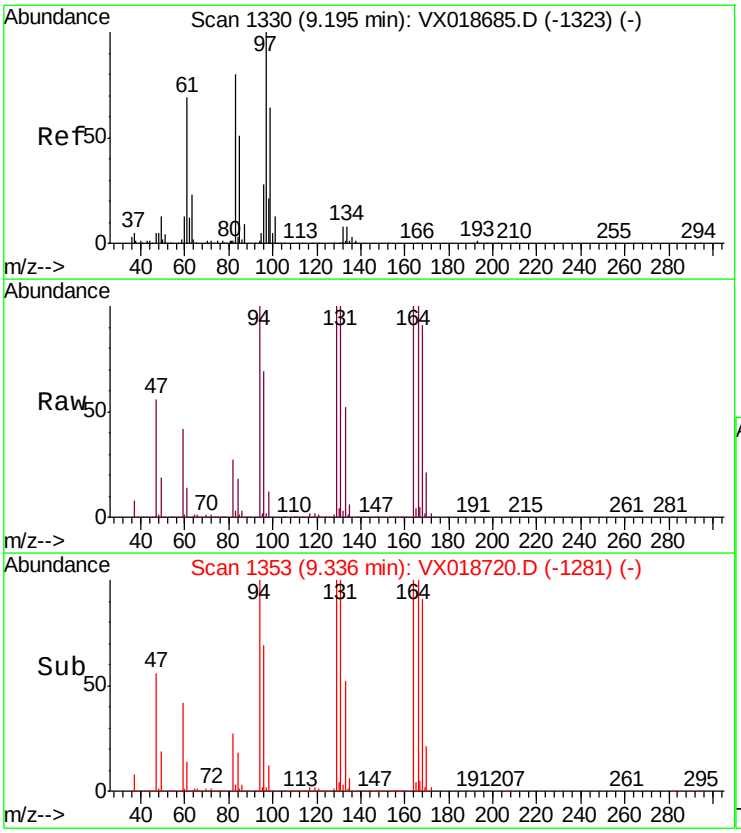
#44
1,2,4-Trimethylbenzene
Concen: 0.384 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion:105 Resp: 17765

Ion	Ratio	Lower	Upper
105	100		
120	47.6	36.8	55.2

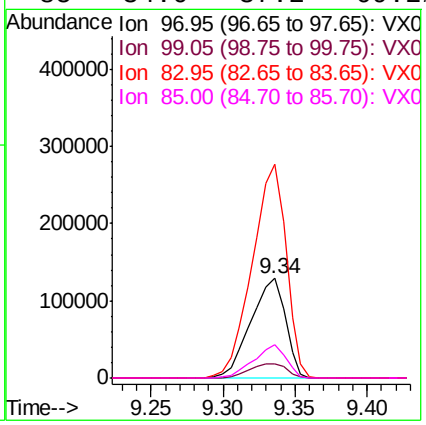


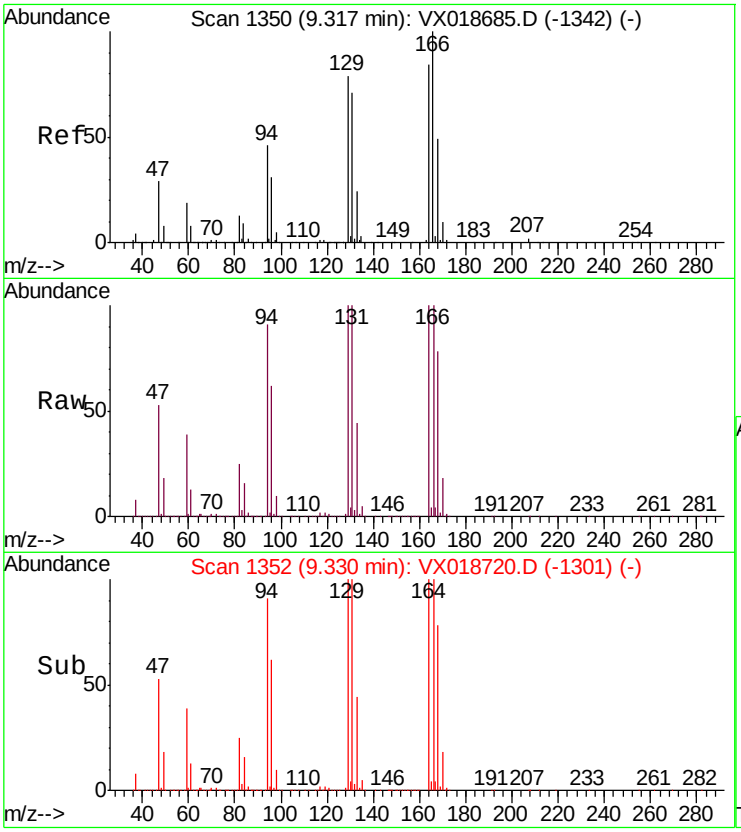


#47
1,1,2-Trichloroethane
Concen: 22.992 ug/L
RT: 9.34 min Scan# 1353
Delta R.T. 0.14 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion: 97 Resp: 215536

Ion	Ratio	Lower	Upper
97	100		
99	14.7	38.9	72.2#
83	214.1	61.9	114.9#
85	34.0	37.2	69.2#



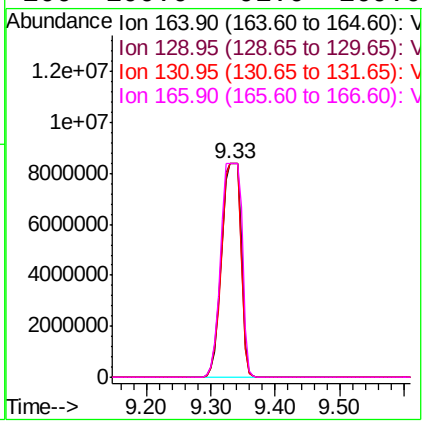


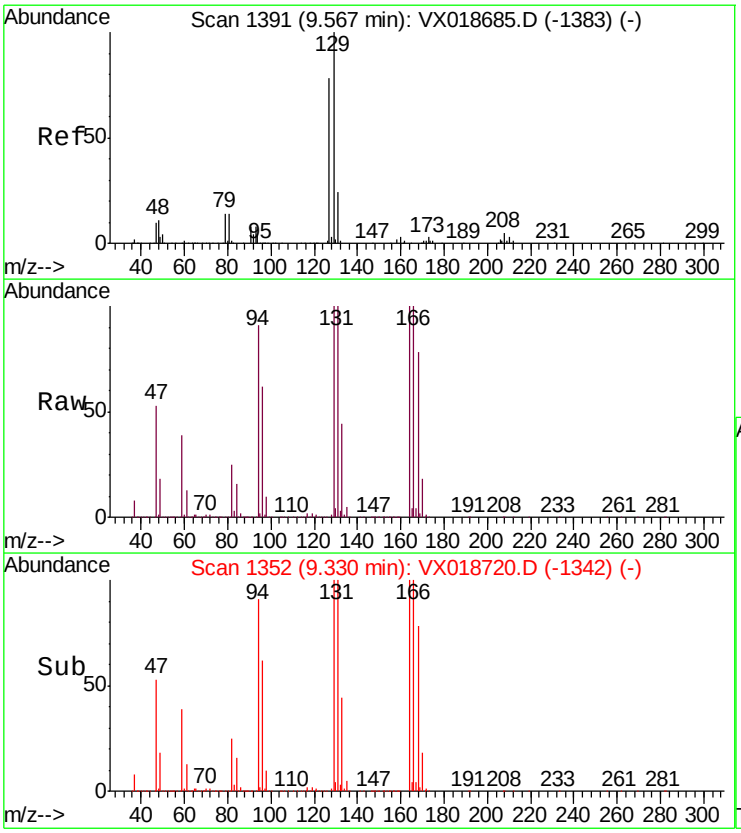
#49
Tetrachloroethene
Concen: 1622.372 ug/L
RT: 9.33 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion:164 Resp:18095639

Ion	Ratio	Lower	Upper
164	100		
129	100.0	65.9	122.3
131	100.0	61.4	114.0
166	100.0	91.0	169.0

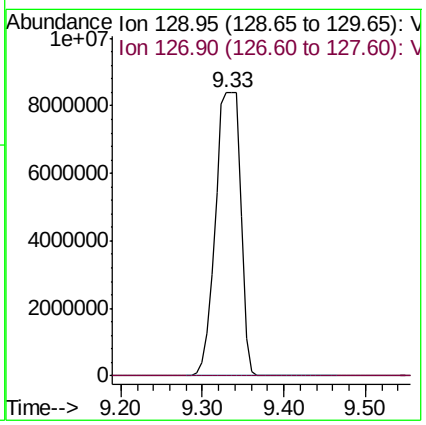


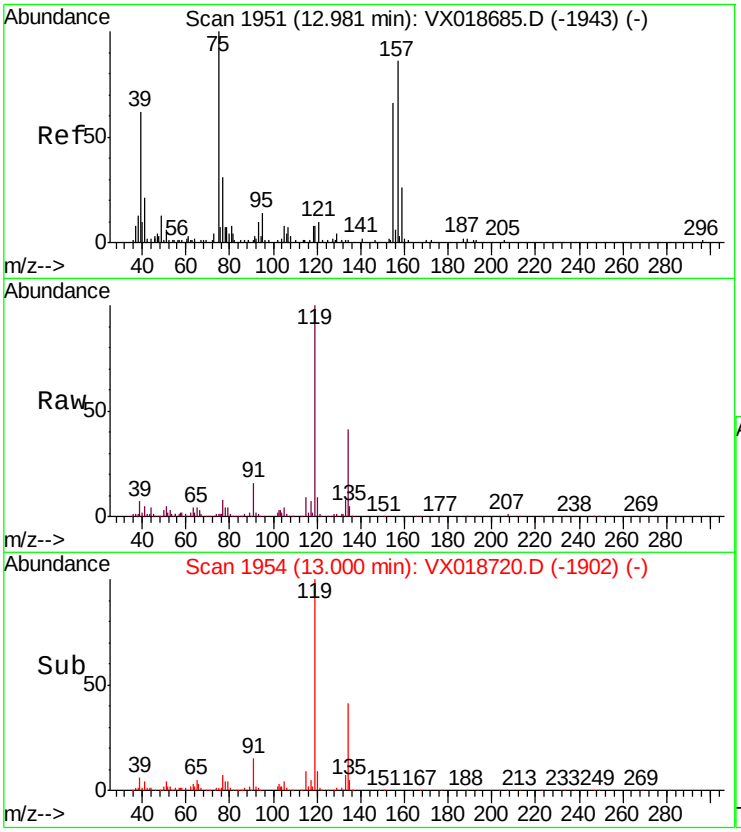


#51
Dibromochloromethane
Concen: 1474.498 ug/L
RT: 9.33 min Scan# 1352
Delta R.T. -0.24 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion:129 Resp:18087749

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.0	102.2#



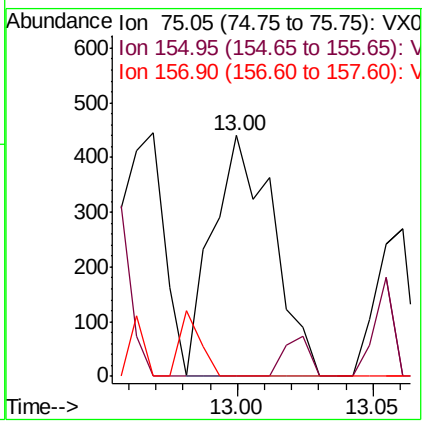


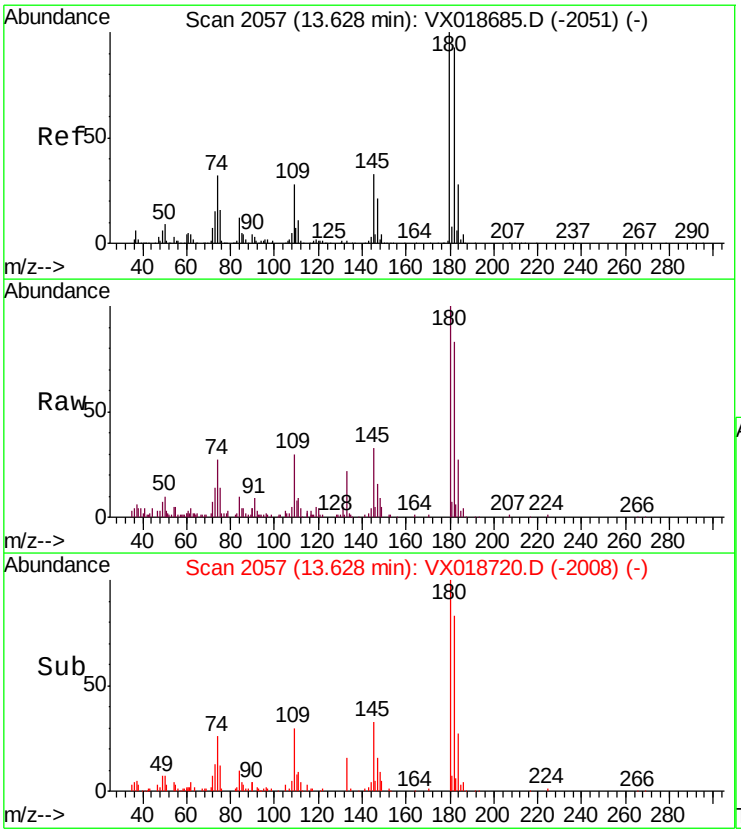
#67
1,2-Dibromo-3-chloropropane
Concen: 0.309 ug/L
RT: 13.00 min Scan# 1954
Delta R.T. 0.02 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion: 75 Resp: 682

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.6	81.8#
157	0.0	73.5	110.3#

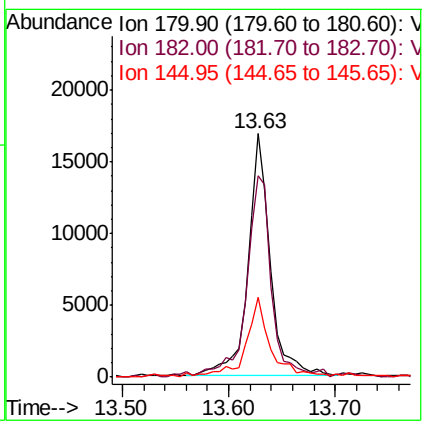


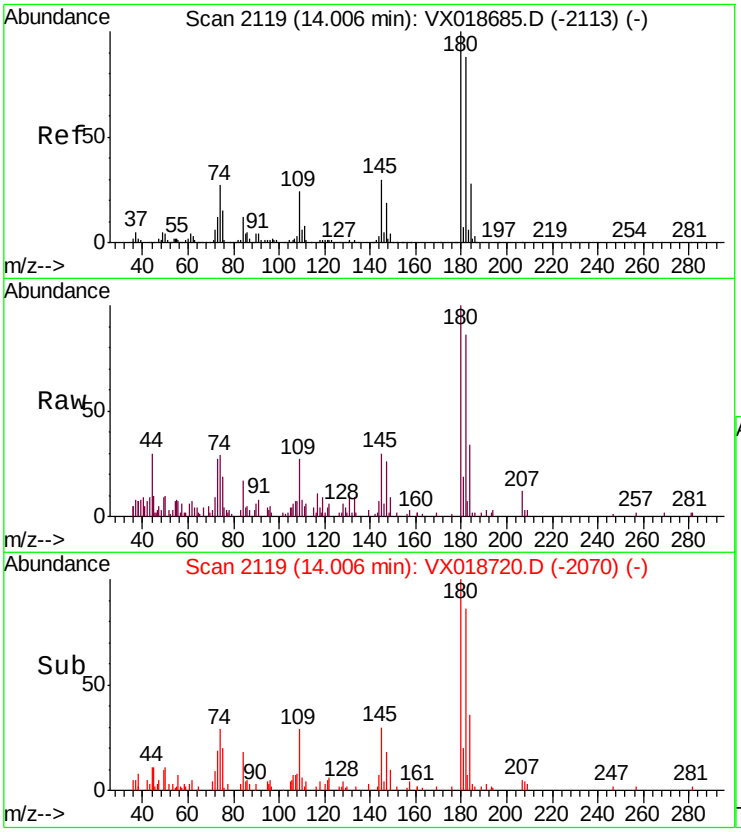


#69
1,2,4-trichlorobenzene
Concen: 1.445 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Tgt Ion:180 Resp: 24745

Ion	Ratio	Lower	Upper
180	100		
182	88.3	74.6	112.0
145	33.6	25.0	37.6





#71
1,2,3-Trichlorobenzene
Concen: 0.447 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX018720.D
Acq: 01 Oct 2020 00:28

Instrument :
MSVOA_X
ClientSampleId :
BFSB4

Tgt Ion:180 Resp: 6914

Ion	Ratio	Lower	Upper
180	100		
182	84.3	77.7	116.5
145	34.1	28.6	42.8