Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080720\
Data File : VX017818.D
Acq On : 07 Aug 2020 11:28
Operator : JC/SP
Sample : L3590-03
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Aug 08 00:11:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 00:10:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	318959	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	300193	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	152073	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	111395	5.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.00%			
7) Chloroethane-d5	1.70	69	89839	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.34	63	169643	3.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.80%			
20) 2-Butanone-d5	4.55	46	251891	43.03	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.06%			
24) Chloroform-d	5.14	84	212476	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	6.03	65	119778	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	6.04	84	424458	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	7.37	67	131080	5.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.00%			
41) Toluene-d8	8.70	98	398709	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
45) trans-1,3-Dichloropropene-	8.99	79	50532	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
48) 2-Hexanone-d5	9.43	63	201943	44.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.08%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	89870	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
65) 1,2-Dichlorobenzene-d4	12.36	152	155210	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	16931	0.564	ug/L	83
13) Acetone	2.45	43	64452	15.071	ug/L	97
14) Carbon disulfide	2.55	76	90848	1.035	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	9937	0.358	ug/L	84
22) cis-1,2-Dichloroethene	4.57	96	4797	0.165	ug/L #	58
25) Chloroform	5.17	83	11886	0.223	ug/L	79
33) Benzene	6.11	78	30304	0.285	ug/L	100
34) Trichloroethene	7.19	95	10536	0.340	ug/L	83
35) Methylcyclohexane	7.37	83	31942	0.732	ug/L #	19
37) 1,2-Dichloropropane	7.37	63	15304	0.573	ug/L #	91
39) cis-1,3-Dichloropropene	8.38	75	4362	0.106	ug/L #	52
40) 4-Methyl-2-pentanone	8.62	43	41079	2.361	ug/L #	89
42) Toluene	8.77	91	26388	0.229	ug/L	96
43) 1,3,5-Trimethylbenzene	11.79	105	6175	0.059	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	6175	0.058	ug/L	93
49) Tetrachloroethene	9.32	164	3743	0.151	ug/L	87
54) Ethylbenzene	10.23	91	8937	0.071	ug/L	90

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080720\
Data File : VX017818.D
Acq On : 07 Aug 2020 11:28
Operator : JC/SP
Sample : L3590-03
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Aug 08 00:11:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 00:10:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) m,p-xylene	10.34	106	11025	0.229	ug/L	98
56) o-xylene	10.68	106	4049	0.087	ug/L	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080720\
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Acq On : 07 Aug 2020 11:28
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MSVOA_X
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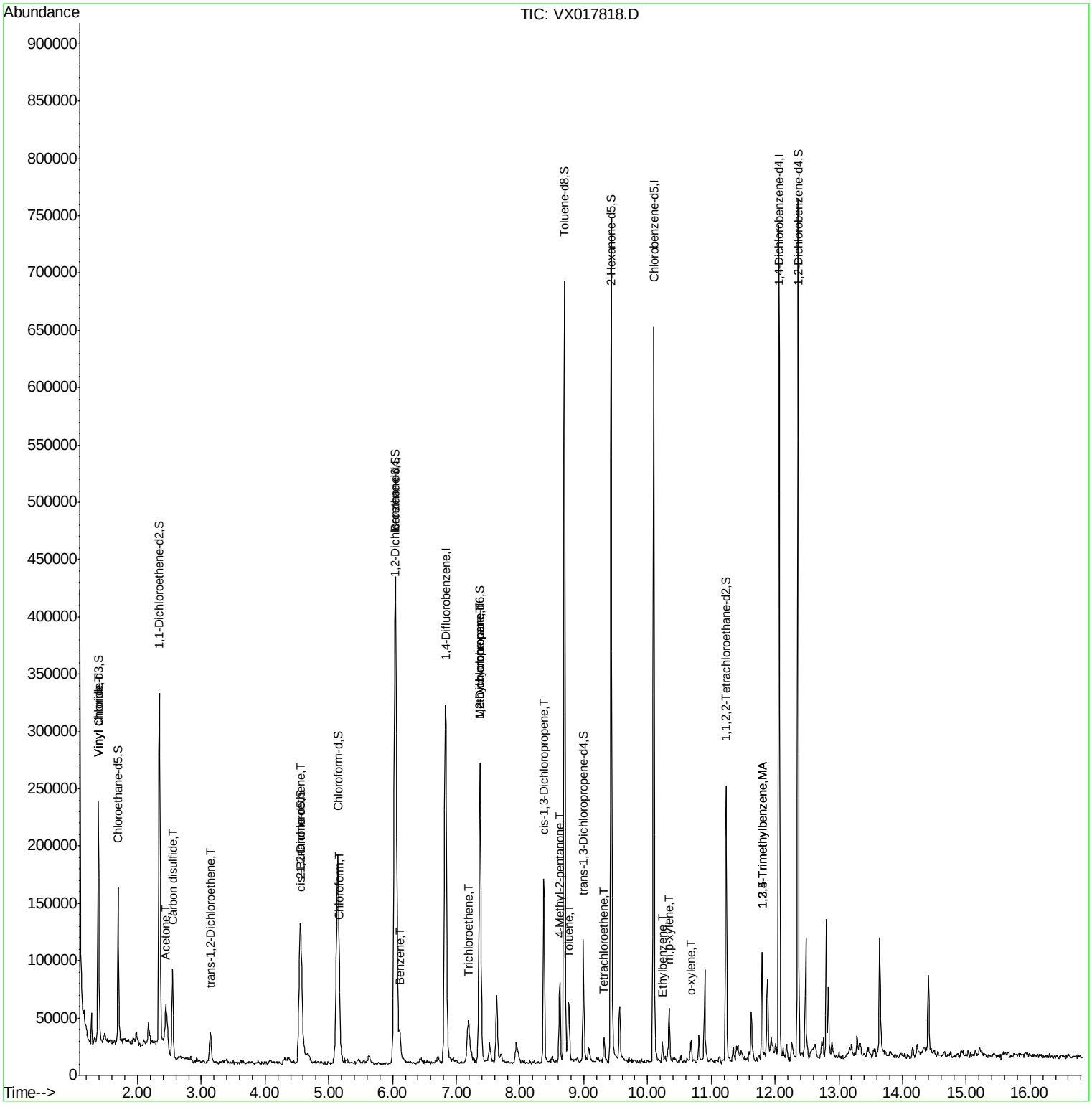
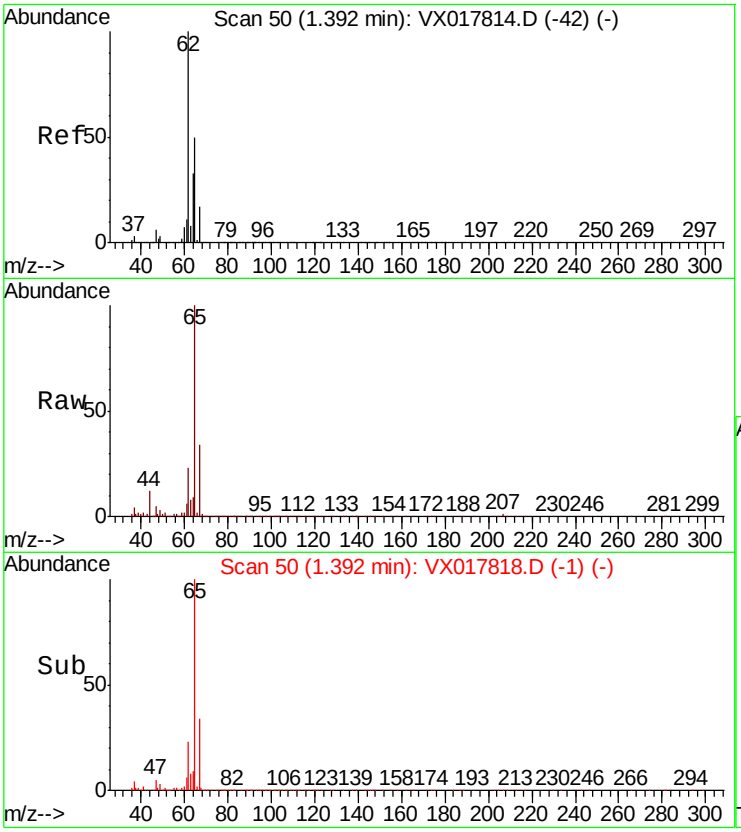
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 00:10:20 2020
Response via : Initial Calibration



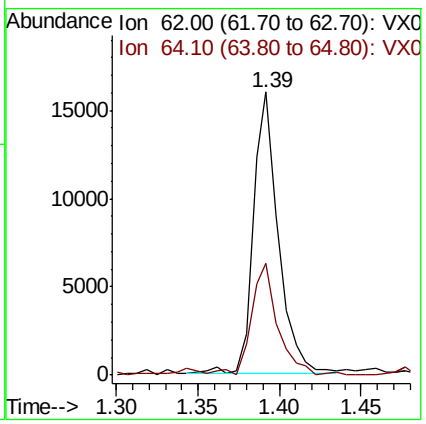


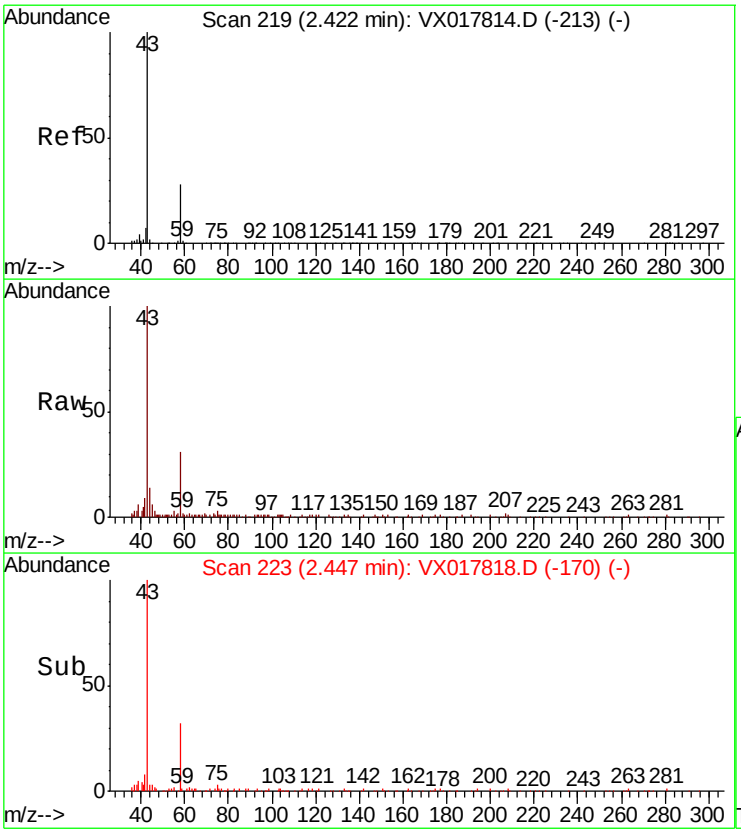
#5
Vinyl chloride
Concen: 0.564 ug/L
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 16931

Ion	Ratio	Lower	Upper
62	100		
64	39.6	21.3	39.6

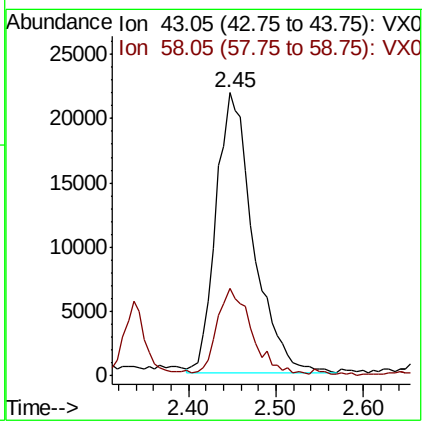


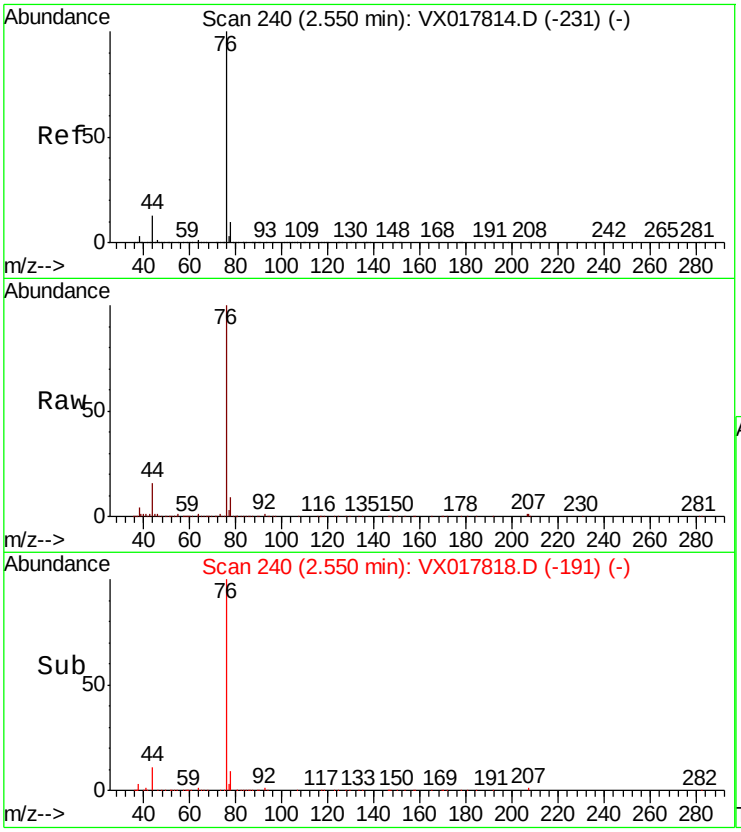


#13
Acetone
Concen: 15.071 ug/L
RT: 2.45 min Scan# 223
Delta R.T. 0.02 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 43 Resp: 64452

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	60.8



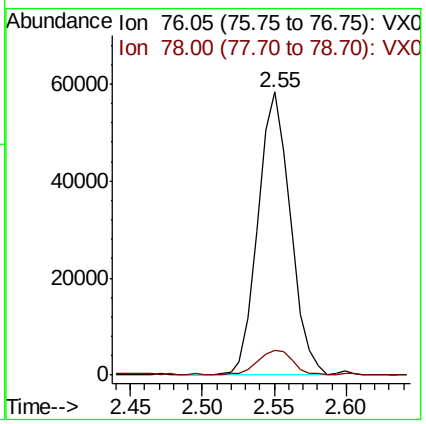


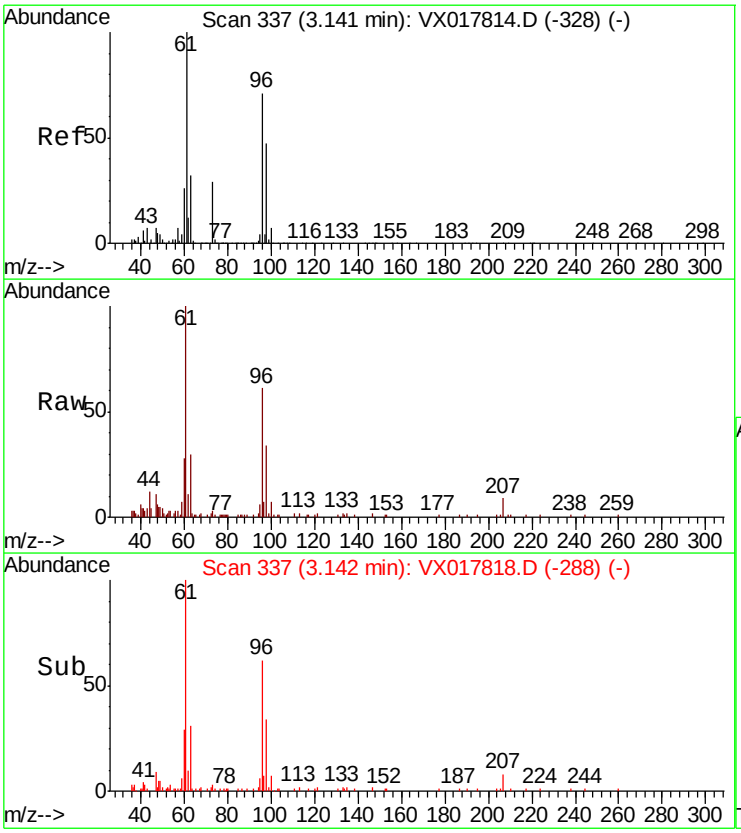
#14
Carbon disulfide
Concen: 1.035 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 90848

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.4

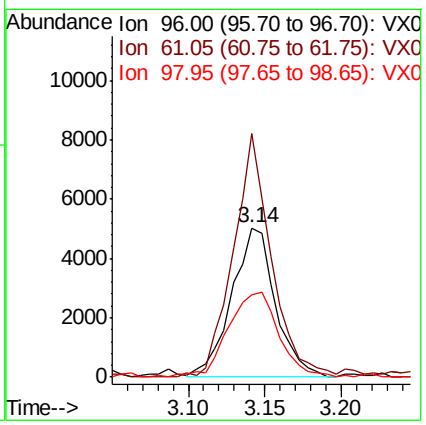


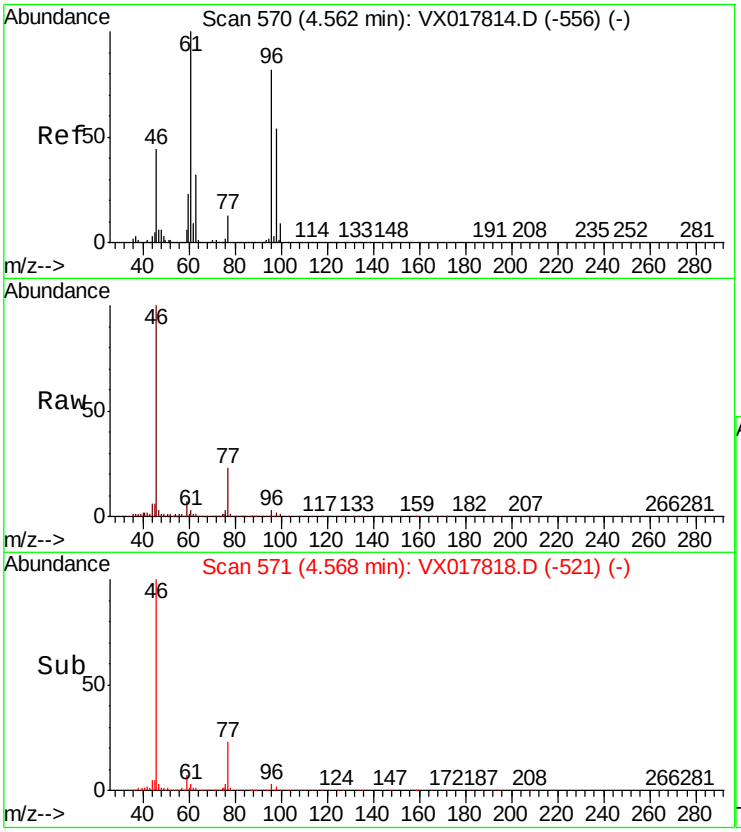


#18
trans-1,2-Dichloroethene
Concen: 0.358 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 96 Resp: 9937

Ion	Ratio	Lower	Upper
96	100		
61	163.3	98.4	182.8
98	55.2	44.9	83.5



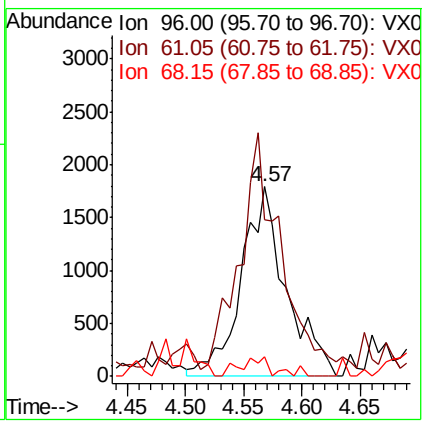


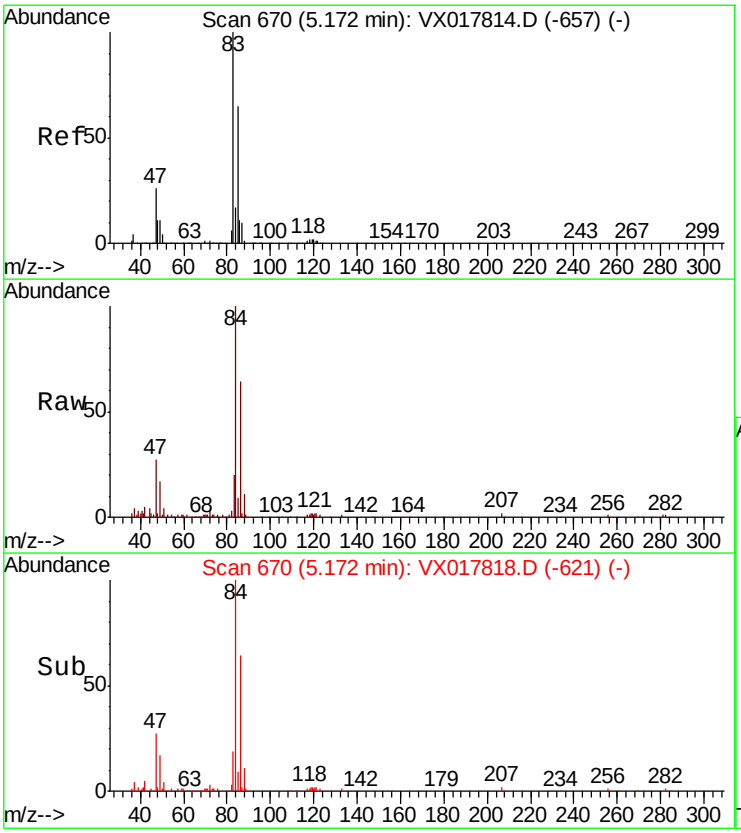
#22
cis-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 4797

Ion	Ratio	Lower	Upper
96	100		
61	79.1	88.8	165.0#
68	9.8	0.2	0.4#

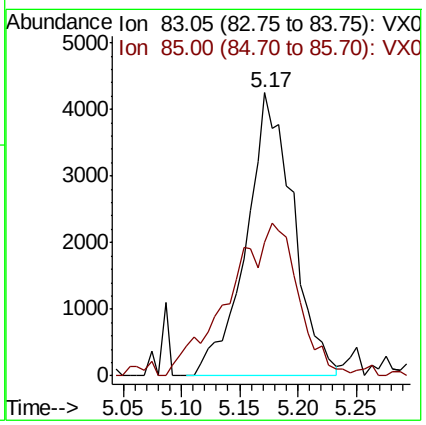


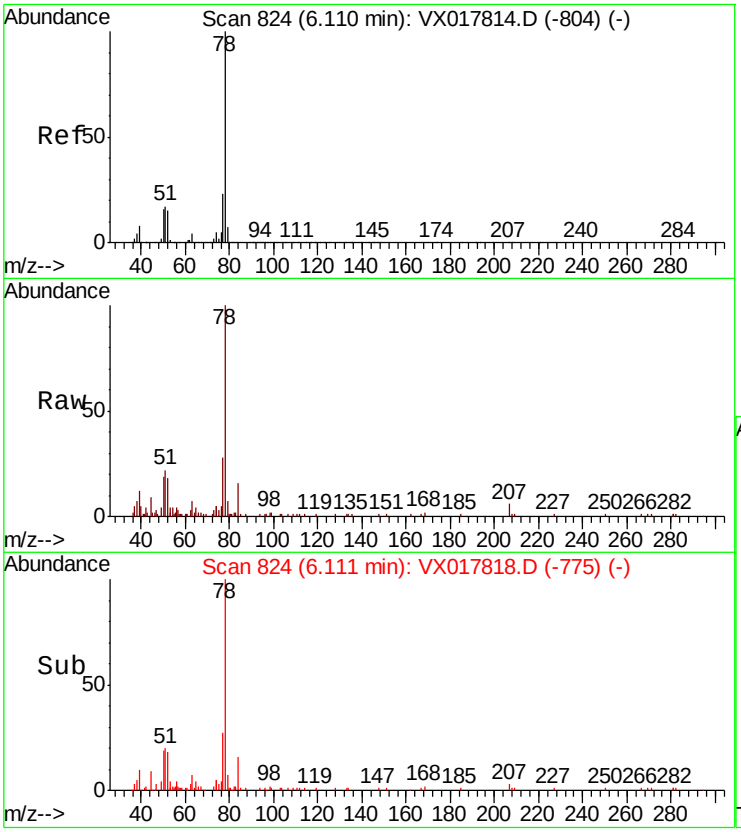


#25
Chloroform
Concen: 0.223 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 83 Resp: 11886

Ion	Ratio	Lower	Upper
83	100		
85	47.4	44.7	83.1

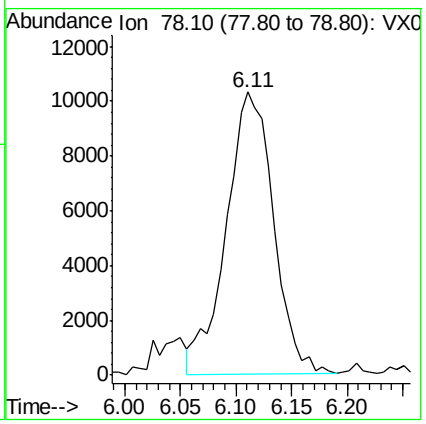


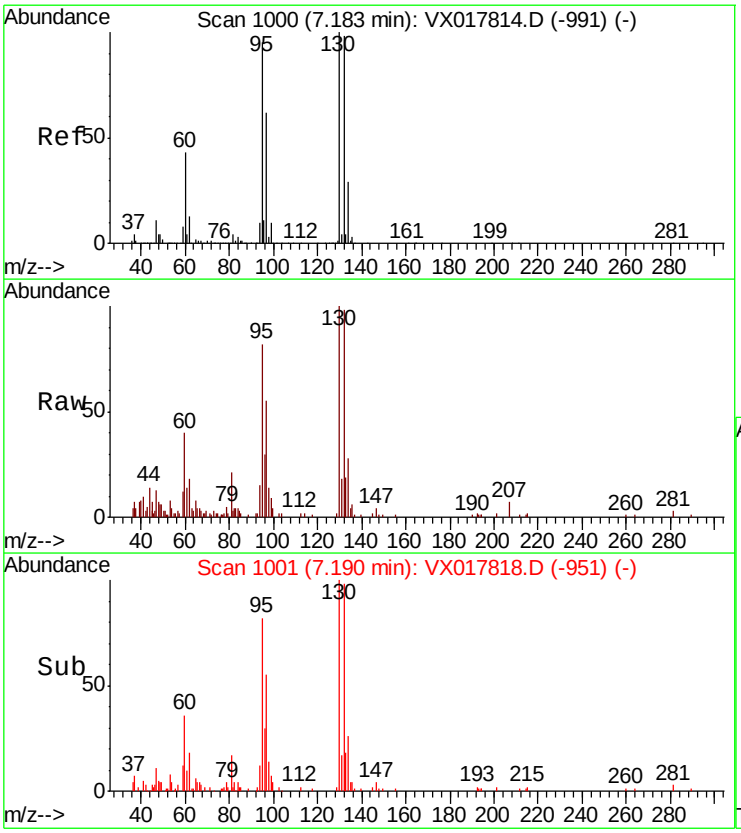


#33
Benzene
Concen: 0.285 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 30304

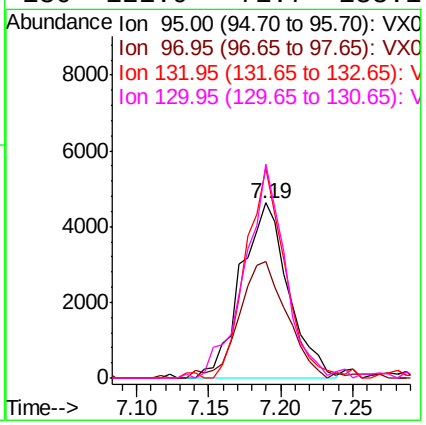


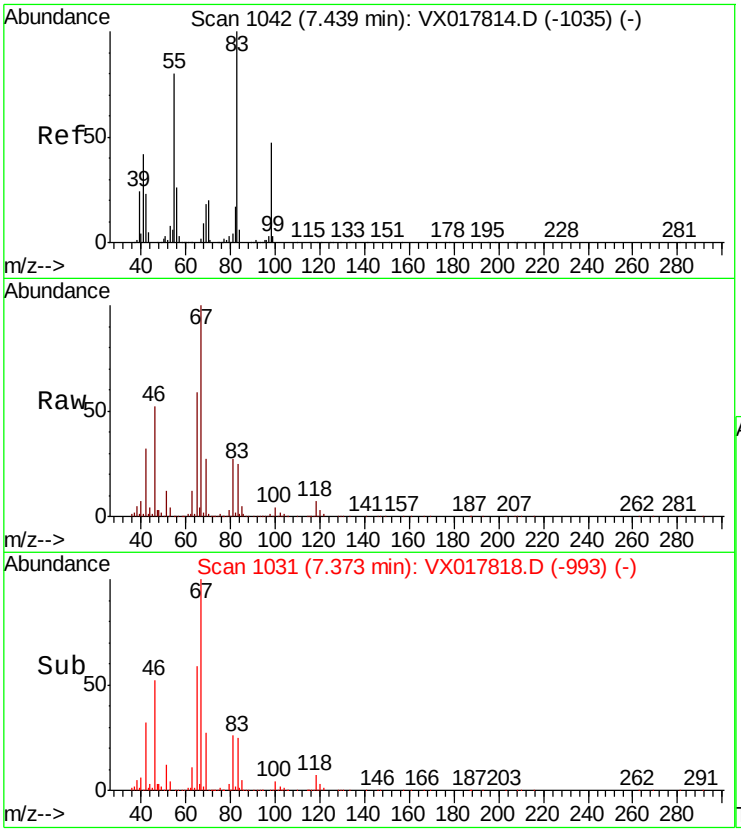


#34
Trichloroethene
Concen: 0.340 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 95 Resp: 10536

Ion	Ratio	Lower	Upper
95	100		
97	66.6	46.1	85.5
132	119.6	66.0	122.6
130	121.9	71.7	133.1



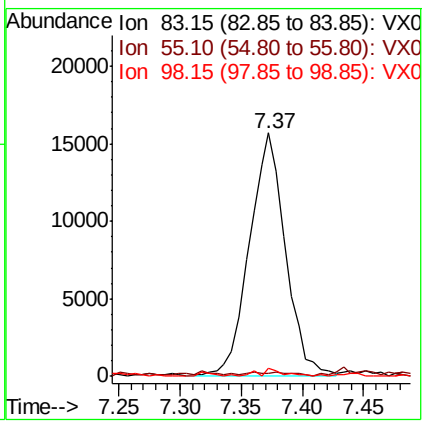


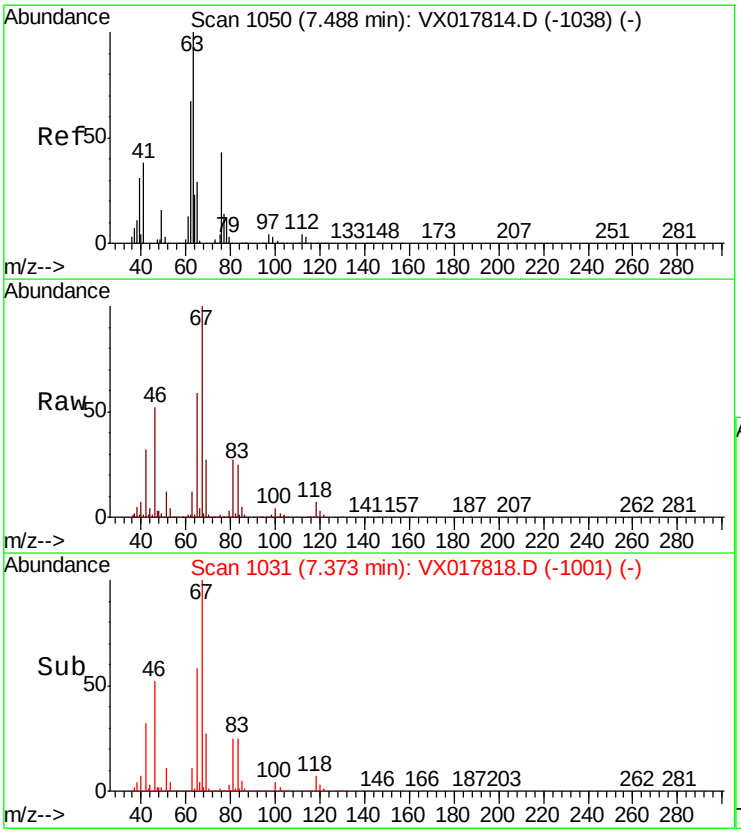
#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 31942

Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.4	93.6#
98	2.3	38.0	57.0#

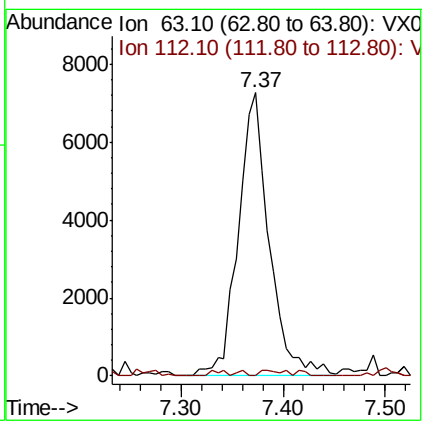


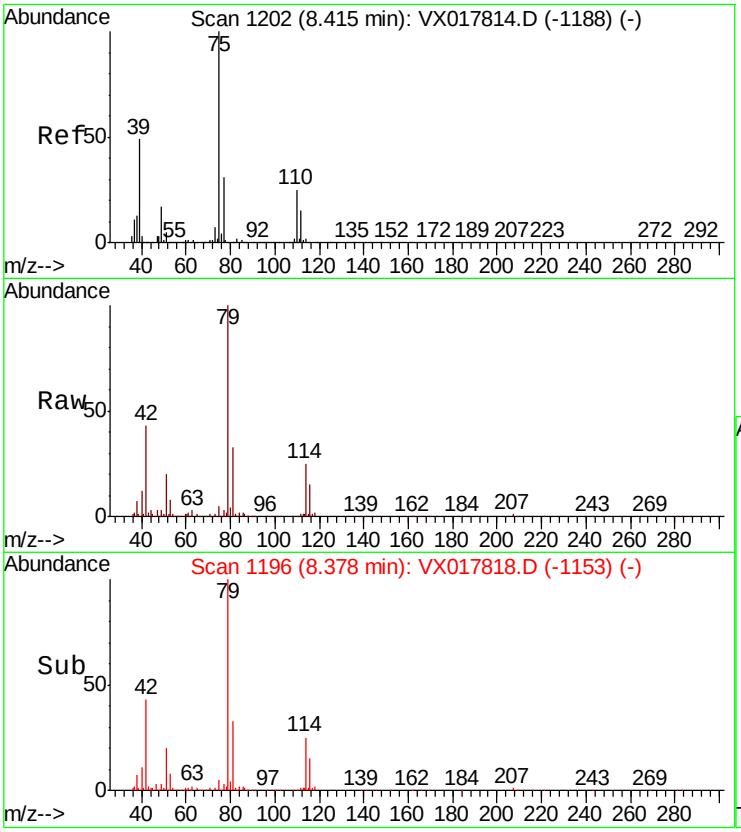


#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 63 Resp: 15304

Ion	Ratio	Lower	Upper
63	100		
112	1.5	3.6	5.4#



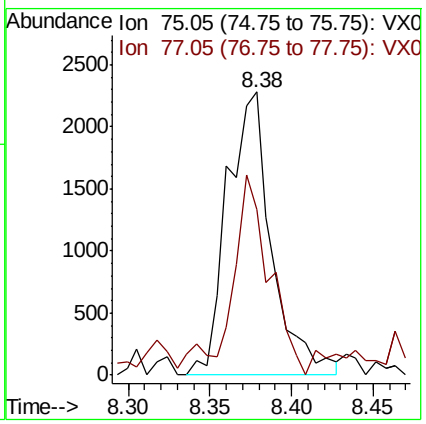


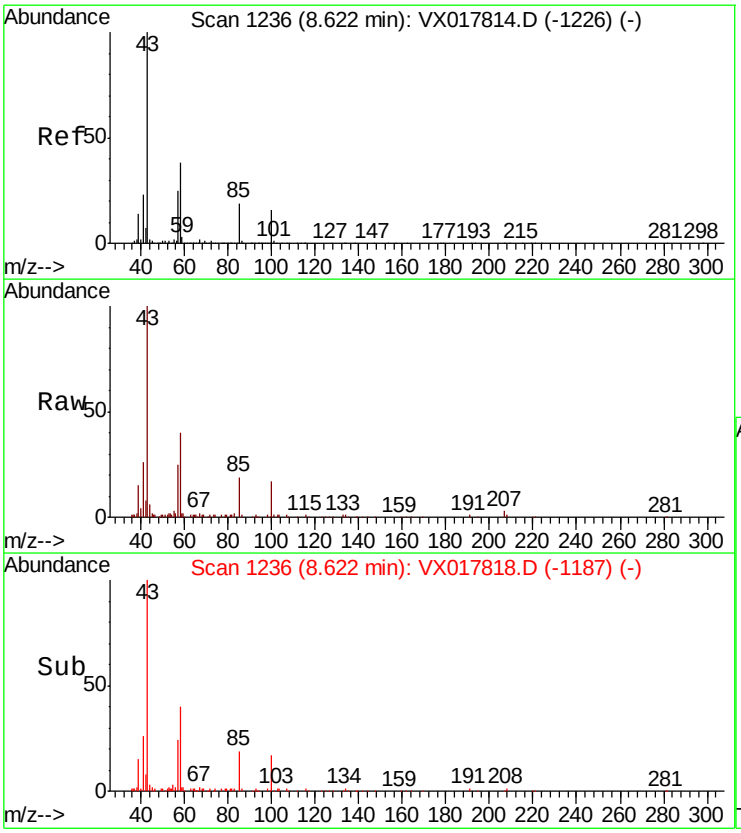
#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 8.38 min Scan# 1196
Delta R.T. -0.04 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 4362

Ion	Ratio	Lower	Upper
75	100		
77	58.4	22.2	41.2#

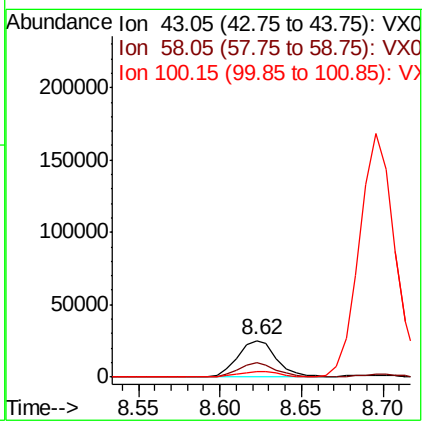


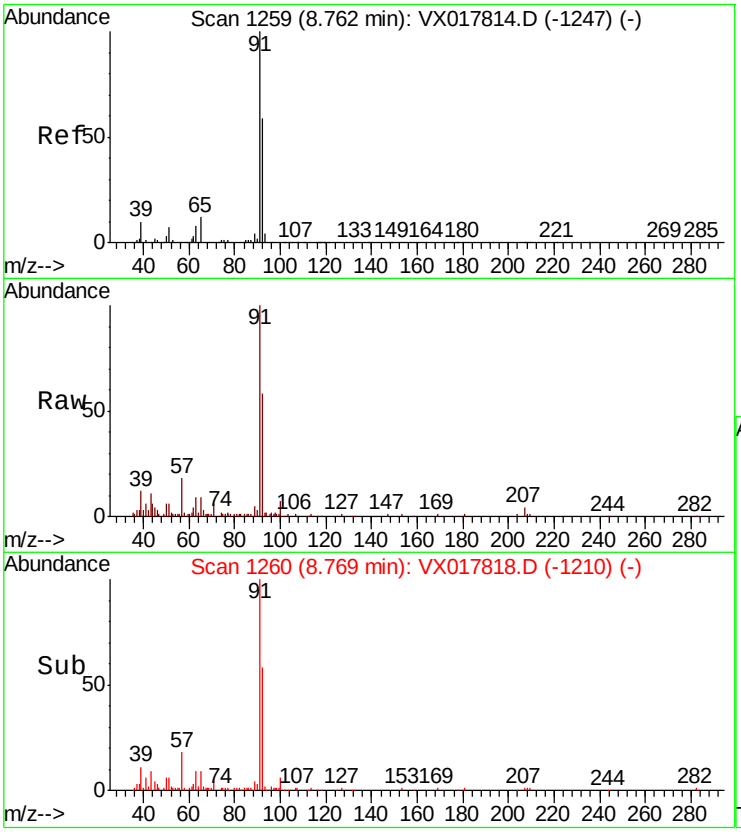


#40
4-Methyl-2-pentanone
Concen: 2.361 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 43 Resp: 41079

Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.1	46.7
100	0.0	12.2	18.4#



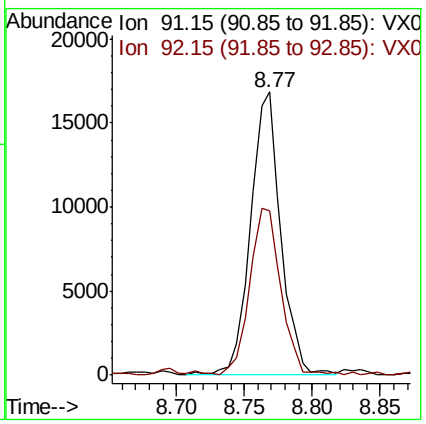


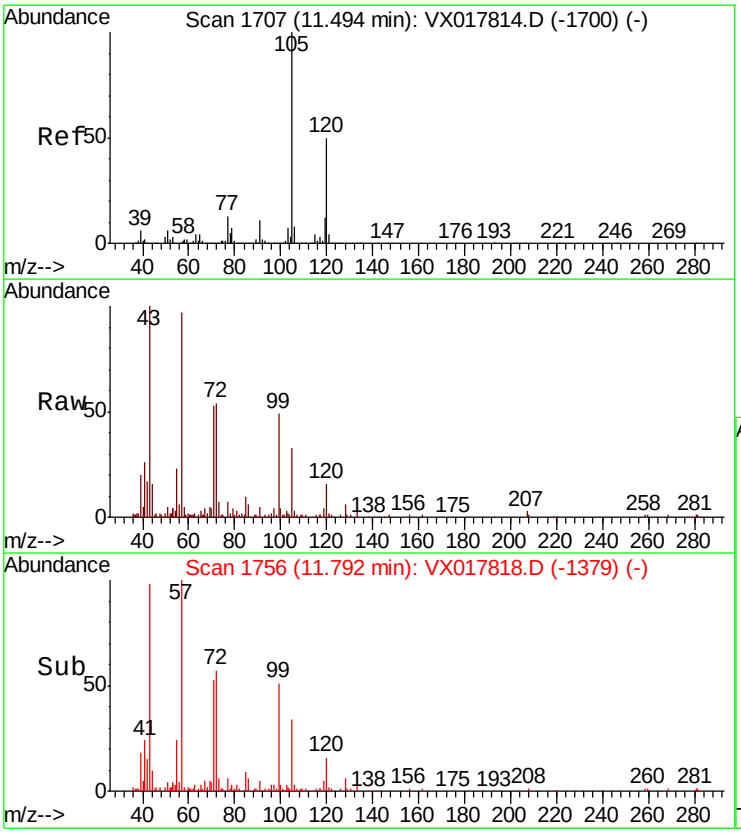
#42
Toluene
Concen: 0.229 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 26388

Ion	Ratio	Lower	Upper
91	100		
92	58.3	38.8	72.0

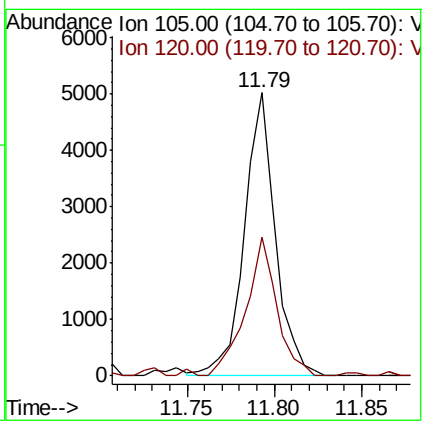


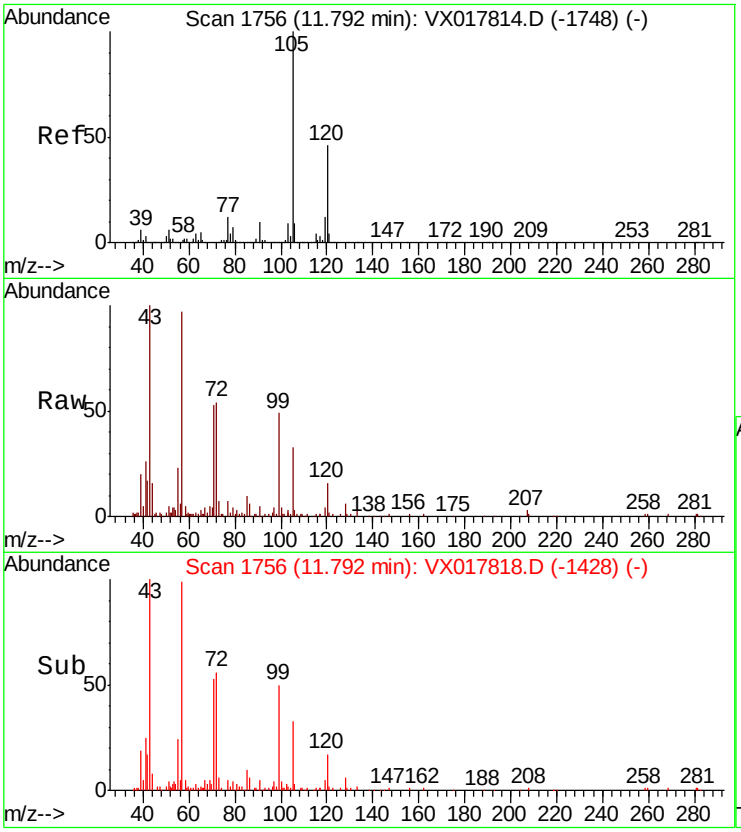


#43
1,3,5-Trimethylbenzene
Concen: 0.059 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.30 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Tgt Ion:105 Resp: 6175

Ion	Ratio	Lower	Upper
105	100		
120	49.2	38.1	57.1



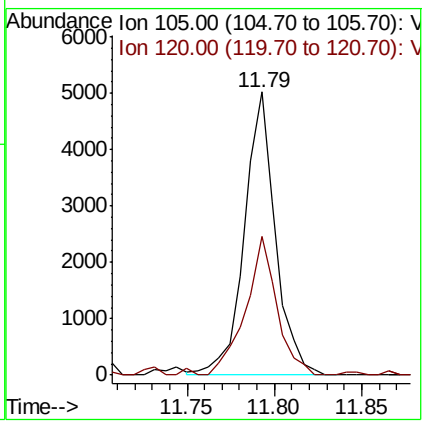


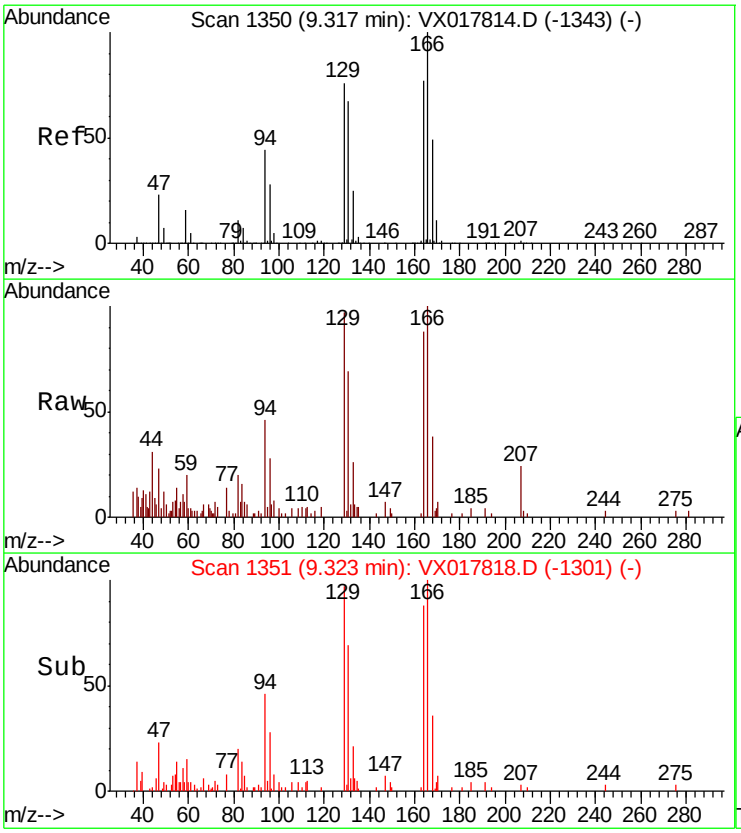
#44
1,2,4-Trimethylbenzene
Concen: 0.058 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 6175

Ion	Ratio	Lower	Upper
105	100		
120	49.2	35.8	53.8

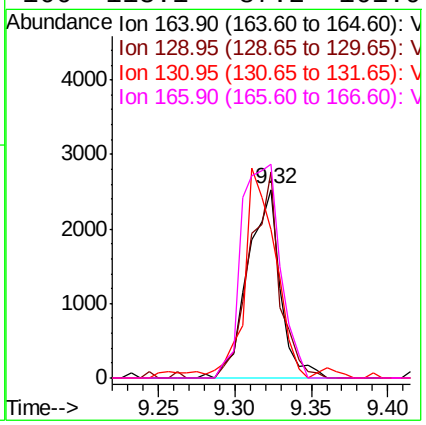


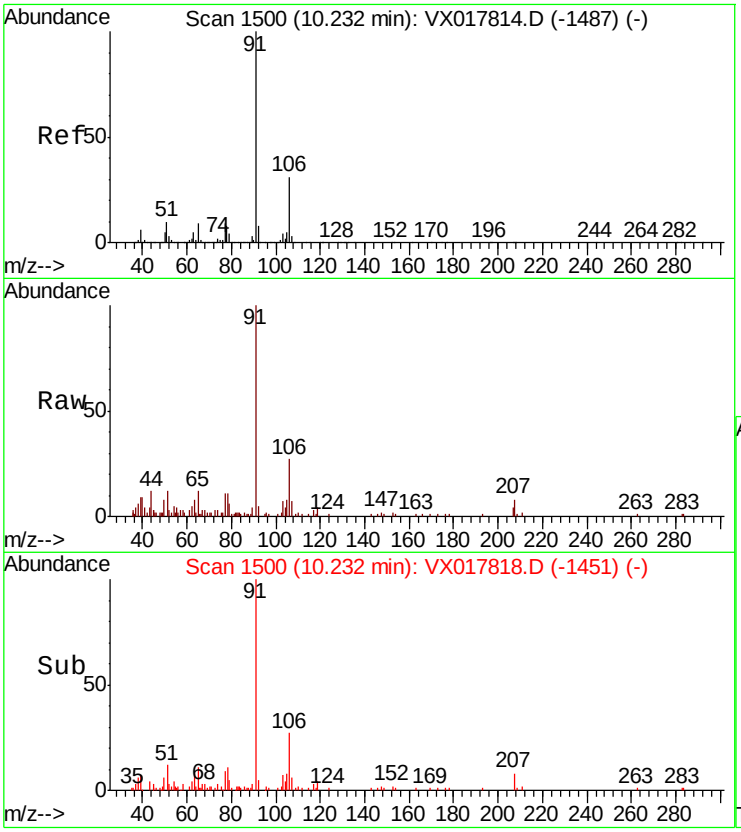


#49
Tetrachloroethene
Concen: 0.151 ug/L
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Tgt Ion:164 Resp: 3743

Ion	Ratio	Lower	Upper
164	100		
129	109.5	67.4	125.2
131	78.5	65.3	121.3
166	113.1	87.2	161.9



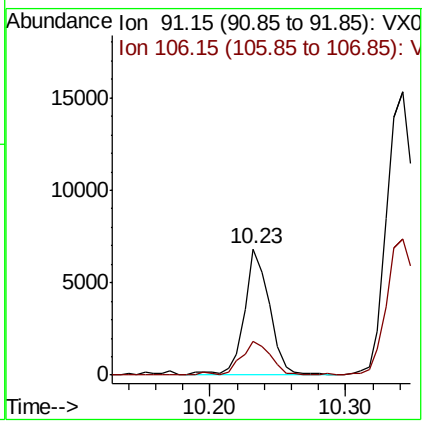


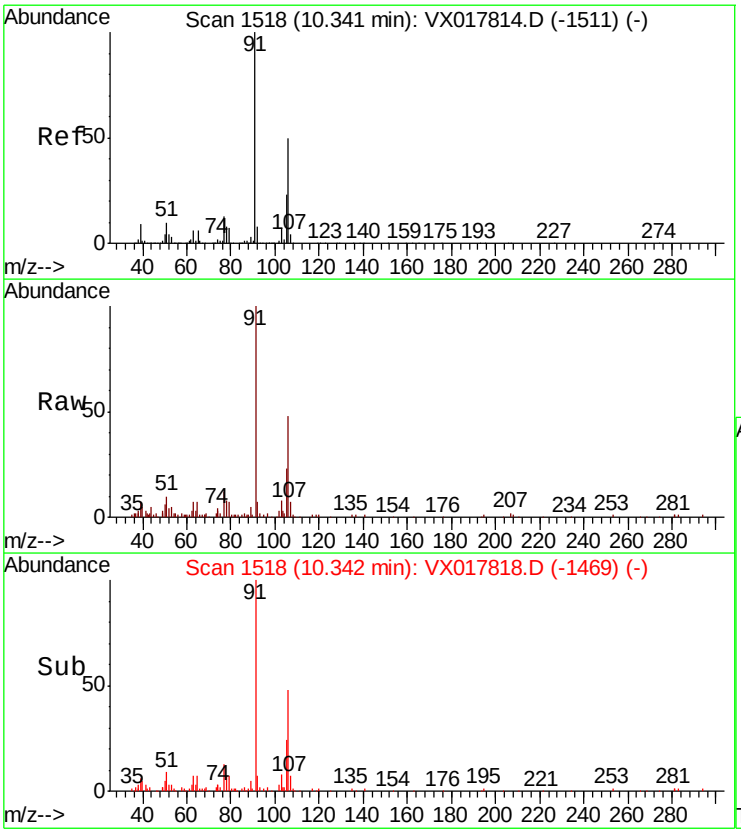
#54
Ethylbenzene
Concen: 0.071 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 8937

Ion	Ratio	Lower	Upper
91	100		
106	26.8	22.5	41.9

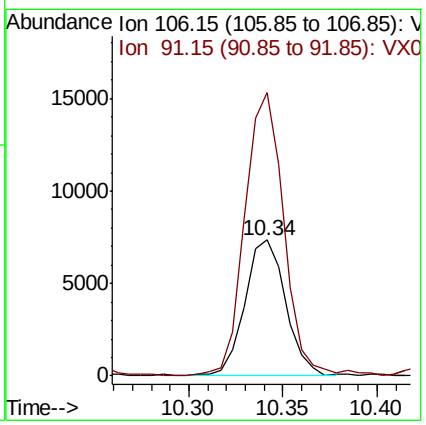


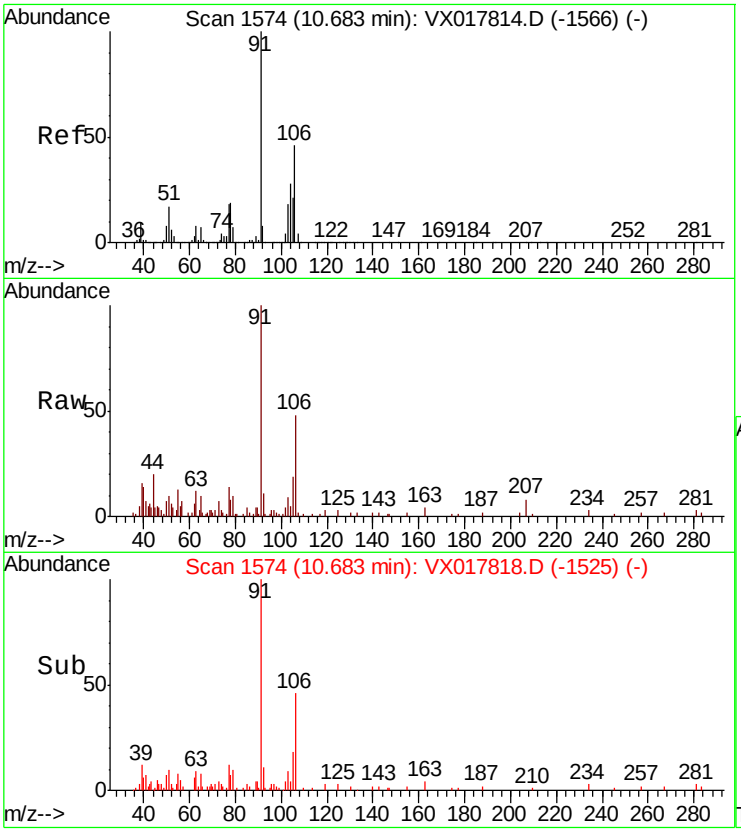


#55
m,p-xylene
Concen: 0.229 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Tgt Ion:106 Resp: 11025

Ion	Ratio	Lower	Upper
106	100		
91	208.2	143.3	266.1





#56
o-xylene
Concen: 0.087 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017818.D
Acq: 07 Aug 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 4049

Ion	Ratio	Lower	Upper
106	100		
91	208.7	149.8	278.2