Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017898.D
Acq On : 14 Aug 2020 14:28
Operator : JC/SP
Sample : L3697-03
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N0

Quant Time: Aug 17 01:30:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 01:26:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	279977	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	251469	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	131152	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	94877	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.69	69	78877	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.80%			
11) 1,1-Dichloroethene-d2	2.34	63	144632	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.60%			
20) 2-Butanone-d5	4.53	46	230464	44.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.72%			
24) Chloroform-d	5.14	84	178687	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	6.04	65	104015	4.82	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	6.04	84	348797	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
36) 1,2-Dichloropropane-d6	7.37	67	111136	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	8.70	98	297693	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
45) trans-1,3-Dichloropropene-	8.99	79	46095	4.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.80%			
48) 2-Hexanone-d5	9.43	63	183921	47.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.76%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	79340	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
65) 1,2-Dichlorobenzene-d4	12.36	152	126827	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
8) Chloroethane	1.71	64	20753	1.407	ug/L	97
13) Acetone	2.42	43	4555	1.213	ug/L	86
14) Carbon disulfide	2.55	76	5649	0.073	ug/L #	72
15) Methyl Acetate	2.75	43	1270	0.115	ug/L	91
17) Methyl tert-butyl Ether	3.17	73	33939	0.591	ug/L #	1
22) cis-1,2-Dichloroethene	4.56	96	1610	0.063	ug/L #	73
25) Chloroform	5.17	83	17108	0.366	ug/L	88
27) 1,2-Dichloroethane	6.12	62	10088	0.336	ug/L #	76
30) Cyclohexane	5.56	56	4523	0.126	ug/L #	91
33) Benzene	6.12	78	921330	10.349	ug/L	100
39) cis-1,3-Dichloropropene	8.37	75	3592	0.104	ug/L	83
42) Toluene	8.77	91	60144	0.622	ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	15330	0.174	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	376048	4.186	ug/L	98
50) 2-Hexanone	9.43	43	27092	2.593	ug/L #	65
53) Chlorobenzene	10.12	112	323839	5.148	ug/L	98
54) Ethylbenzene	10.24	91	187880	1.781	ug/L	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
Data File : VX017898.D
Acq On : 14 Aug 2020 14:28
Operator : JC/SP
Sample : L3697-03
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0N0

Quant Time: Aug 17 01:30:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 01:26:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) m,p-xylene	10.34	106	49014	1.217	ug/L		98
56) o-xylene	10.68	106	374363	9.588	ug/L		94
57) Styrene	10.68	104	21570	0.327	ug/L	#	1
58) Isopropylbenzene	11.01	105	192204	1.839	ug/L		99
60) 1,1,2,2-Tetrachloroethane	11.26	83	1653	0.090	ug/L	#	54
63) 1,3-Dichlorobenzene	12.01	146	5260	0.103	ug/L		97
64) 1,4-Dichlorobenzene	12.08	146	46153	0.908	ug/L		97
66) 1,2-Dichlorobenzene	12.38	146	30734	0.648	ug/L		95
70) Naphthalene	13.82	128	26809	0.437	ug/L	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
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Acq On : 14 Aug 2020 14:28
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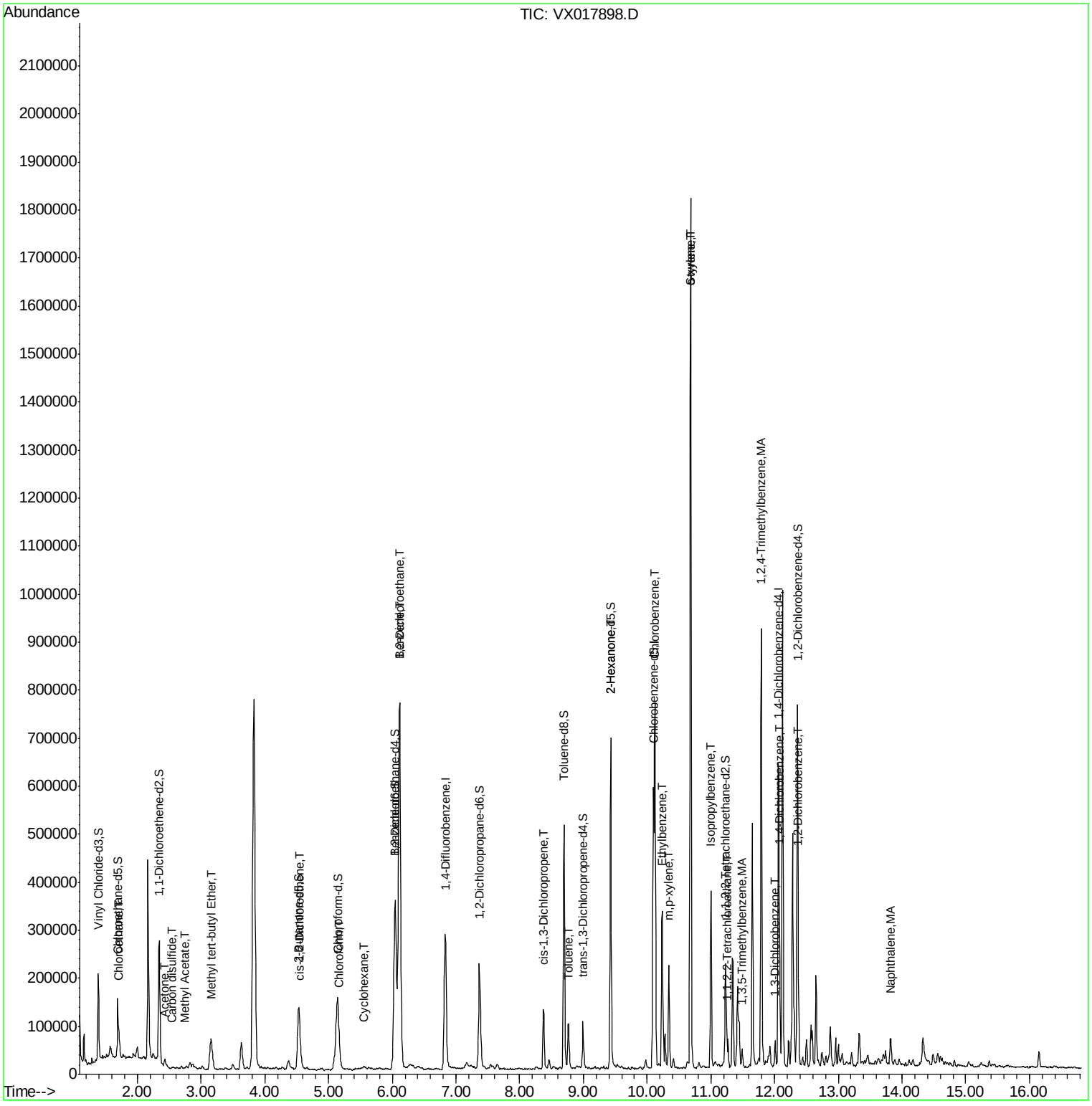
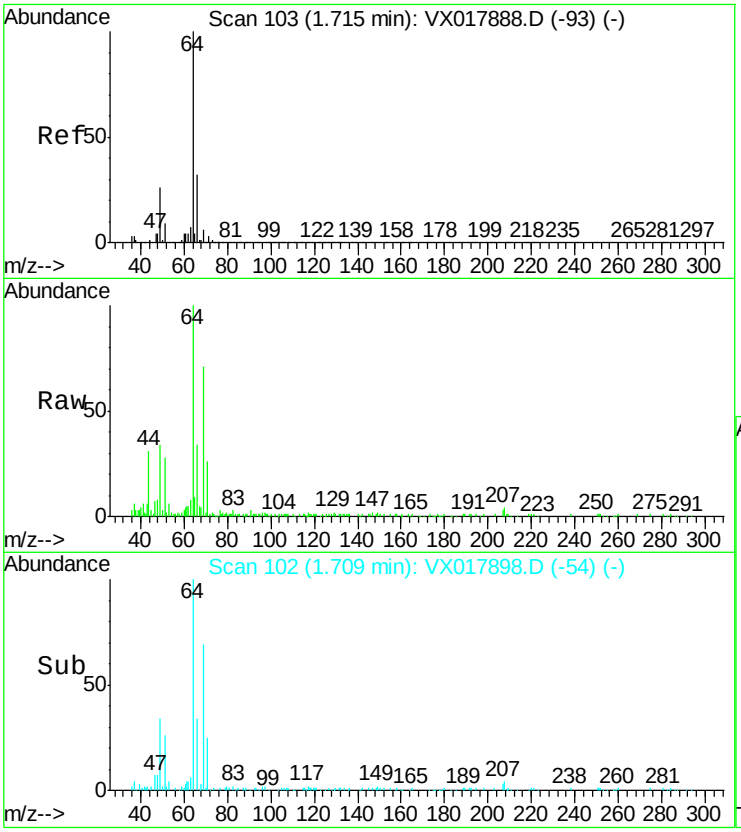
MSVOA_X
ClientSampleId :
BG0N0

Quant Time: Aug 17 01:30:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 01:26:51 2020
Response via : Initial Calibration



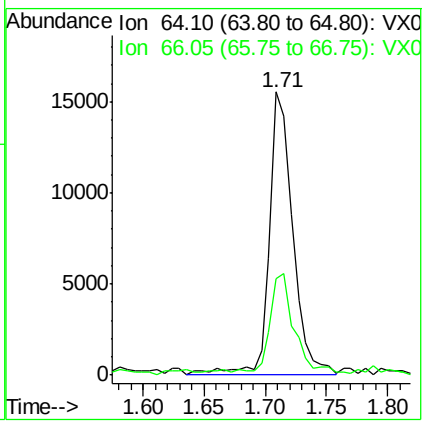


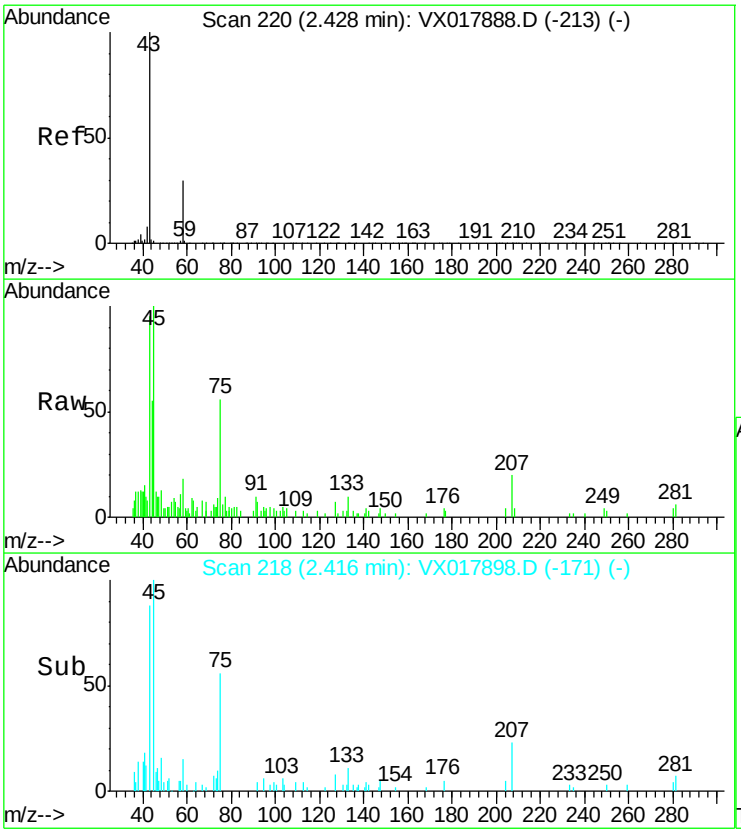
#8
Chloroethane
Concen: 1.407 ug/L
RT: 1.71 min Scan# 102
Delta R.T. -0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
BG0N0

Tgt Ion: 64 Resp: 20753

Ion	Ratio	Lower	Upper
64	100		
66	34.2	22.6	42.0

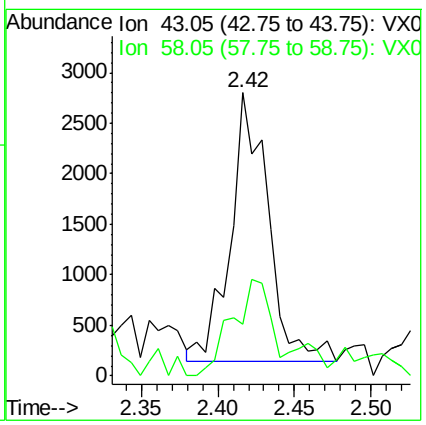


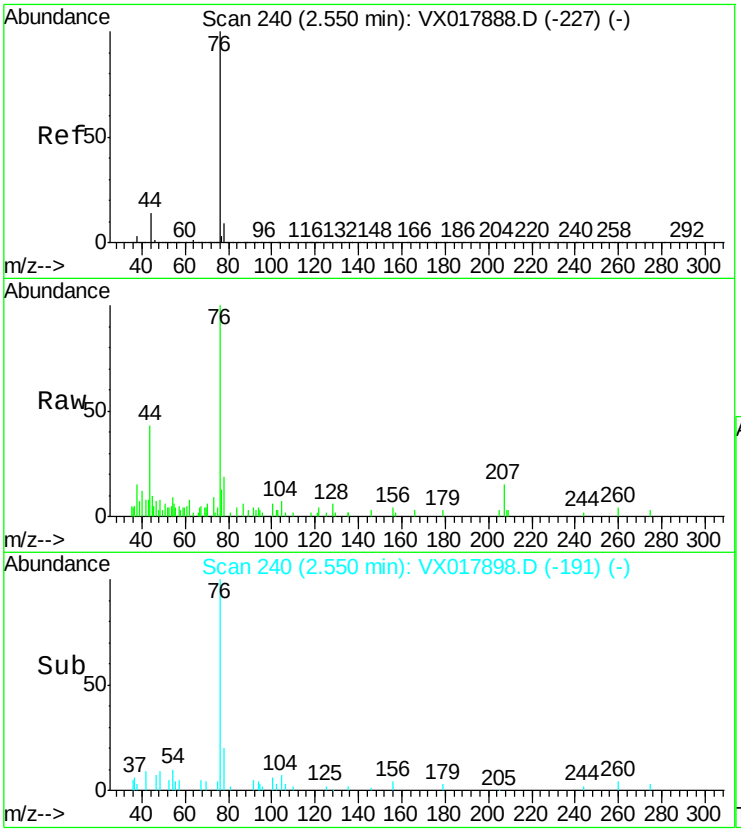


#13
Acetone
Concen: 1.213 ug/L
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion: 43 Resp: 4555

Ion	Ratio	Lower	Upper
43	100		
58	38.1	0.0	60.8



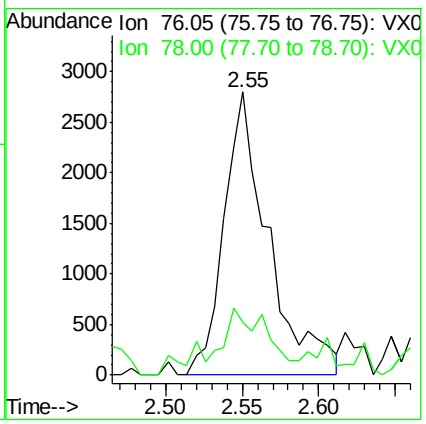


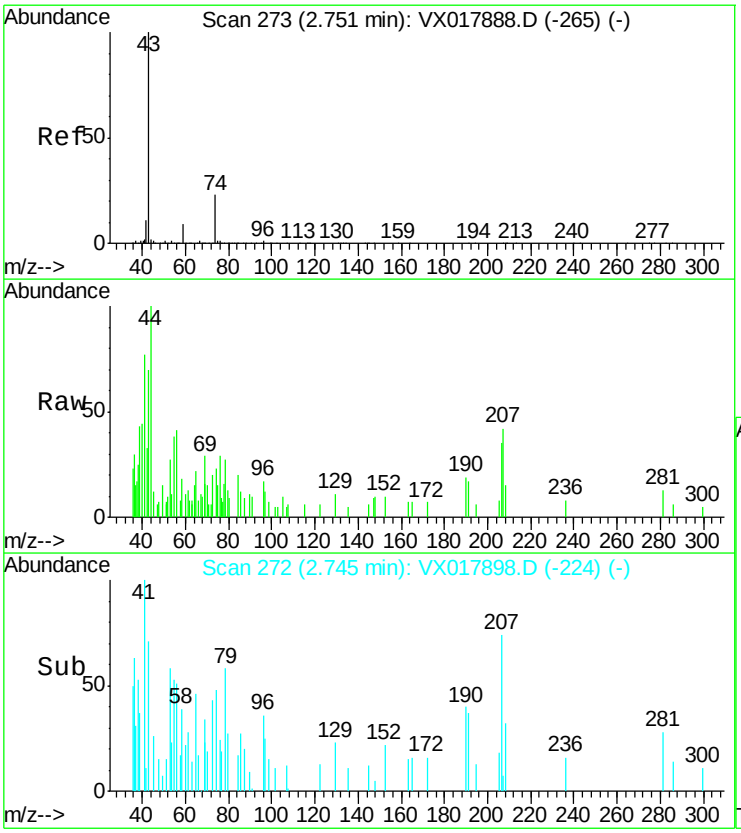
#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
BG0N0

Tgt Ion: 76 Resp: 5649

Ion	Ratio	Lower	Upper
76	100		
78	18.8	7.0	10.4#

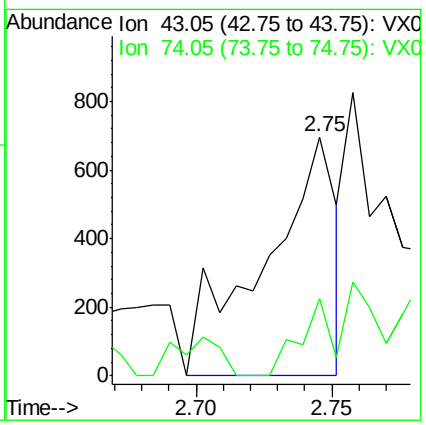


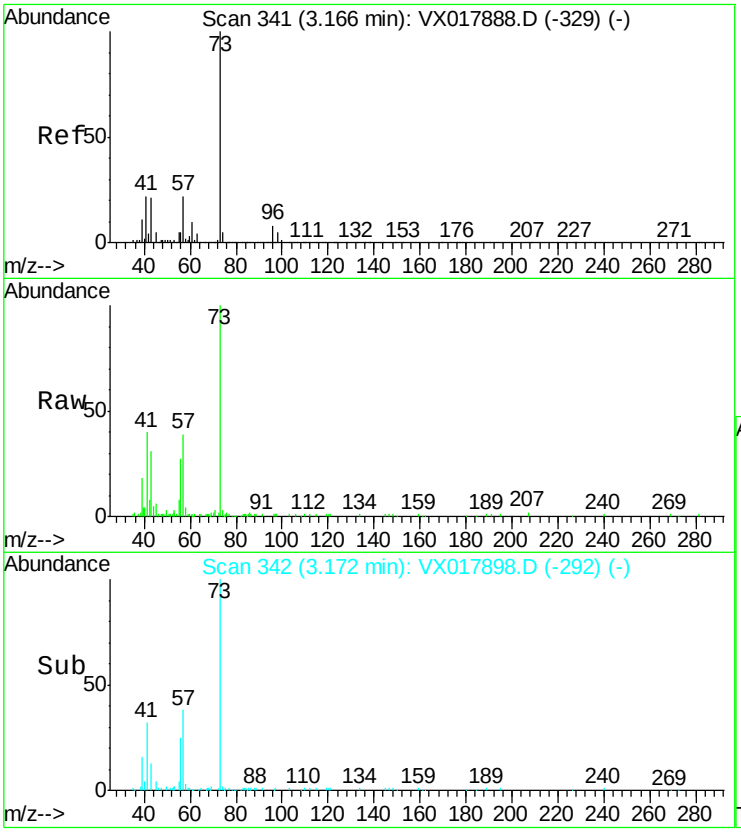


#15
Methyl Acetate
Concen: 0.115 ug/L
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion: 43 Resp: 1270

Ion	Ratio	Lower	Upper
43	100		
74	30.1	20.4	30.6



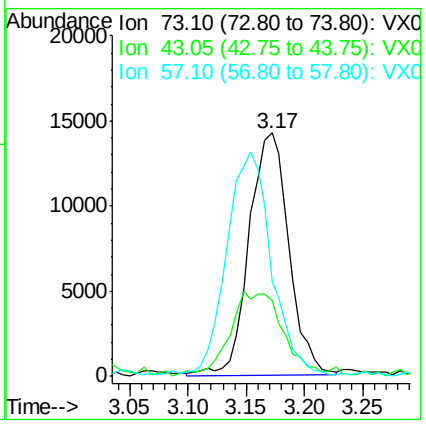


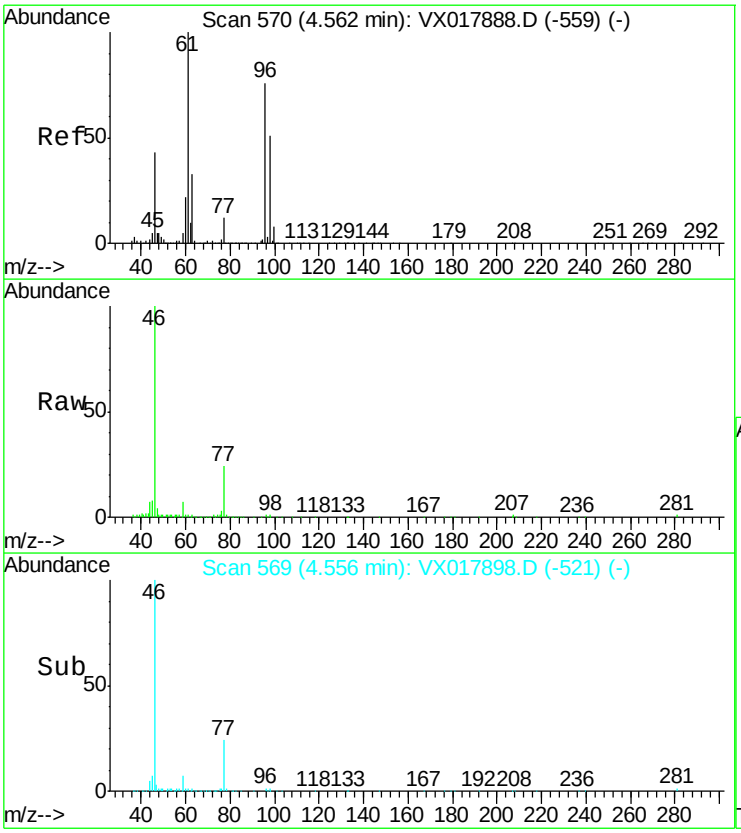
#17
Methyl tert-butyl Ether
Concen: 0.591 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
BG0N0

Tgt Ion: 73 Resp: 33939

Ion	Ratio	Lower	Upper
73	100		
43	46.2	17.7	26.5#
57	103.0	17.0	25.6#

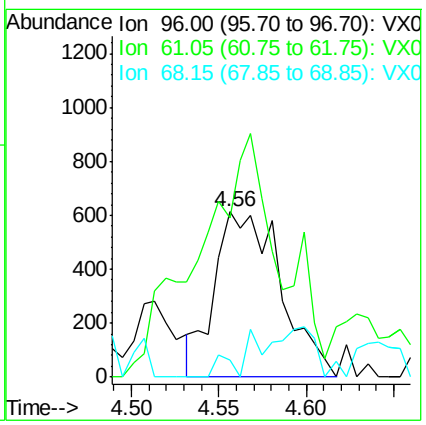


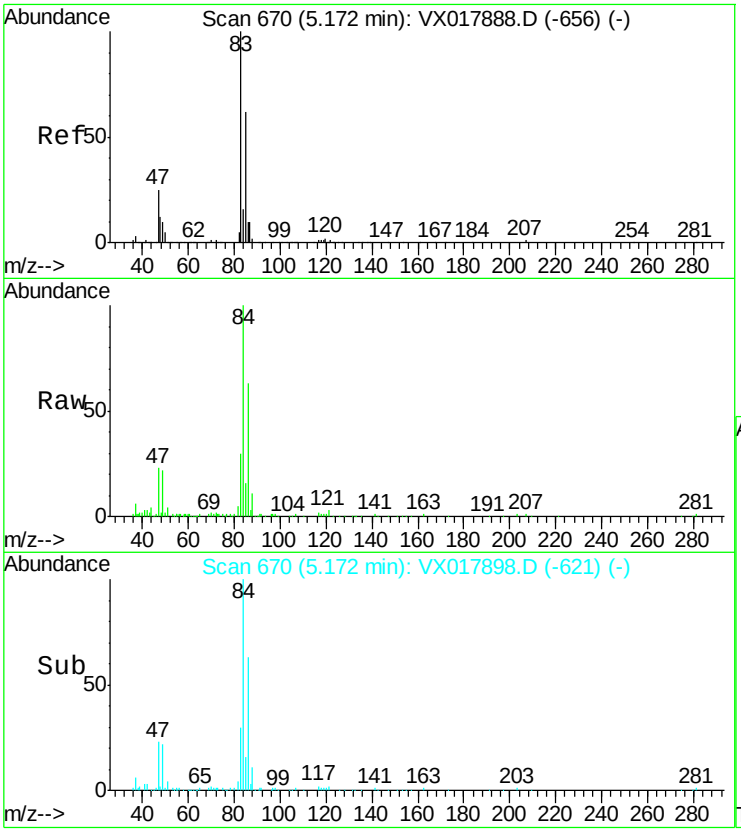


#22
cis-1,2-Dichloroethene
Concen: 0.063 ug/L
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion: 96 Resp: 1610

Ion	Ratio	Lower	Upper
96	100		
61	96.2	88.8	165.0
68	10.3	0.2	0.4#



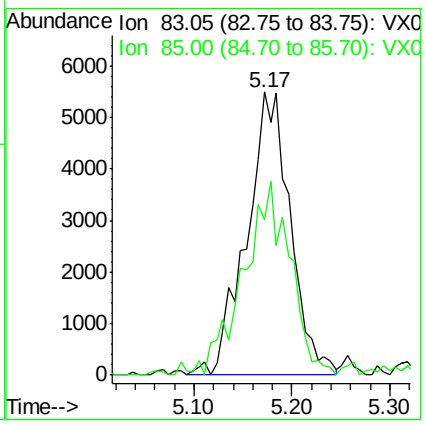


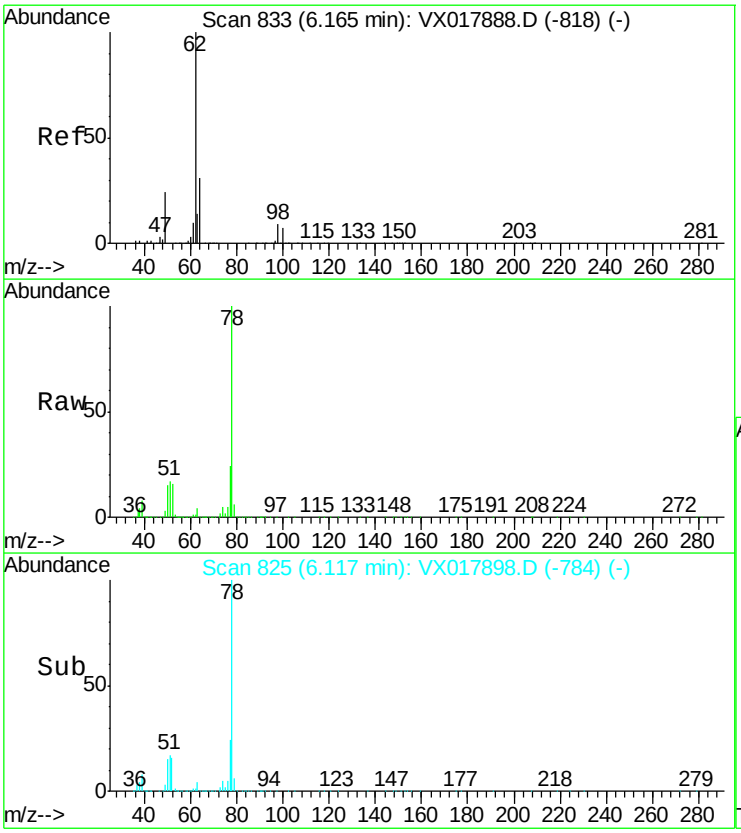
#25
Chloroform
Concen: 0.366 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
BG0N0

Tgt Ion: 83 Resp: 17108

Ion	Ratio	Lower	Upper
83	100		
85	54.9	44.7	83.1

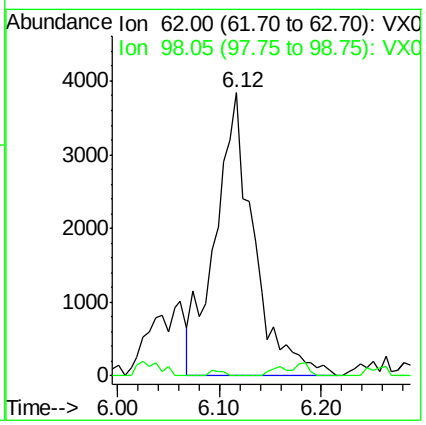


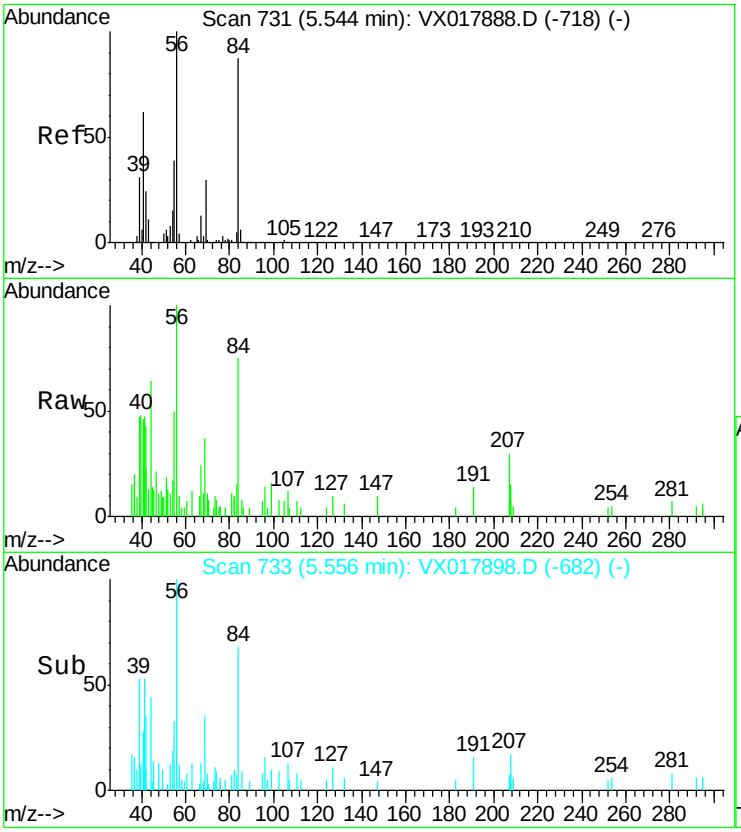


#27
1,2-Dichloroethane
Concen: 0.336 ug/L
RT: 6.12 min Scan# 825
Delta R.T. -0.05 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion: 62 Resp: 10088

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#



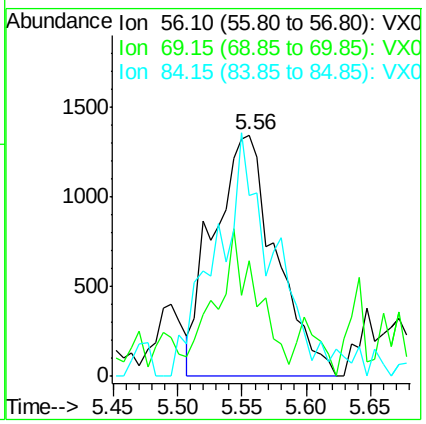


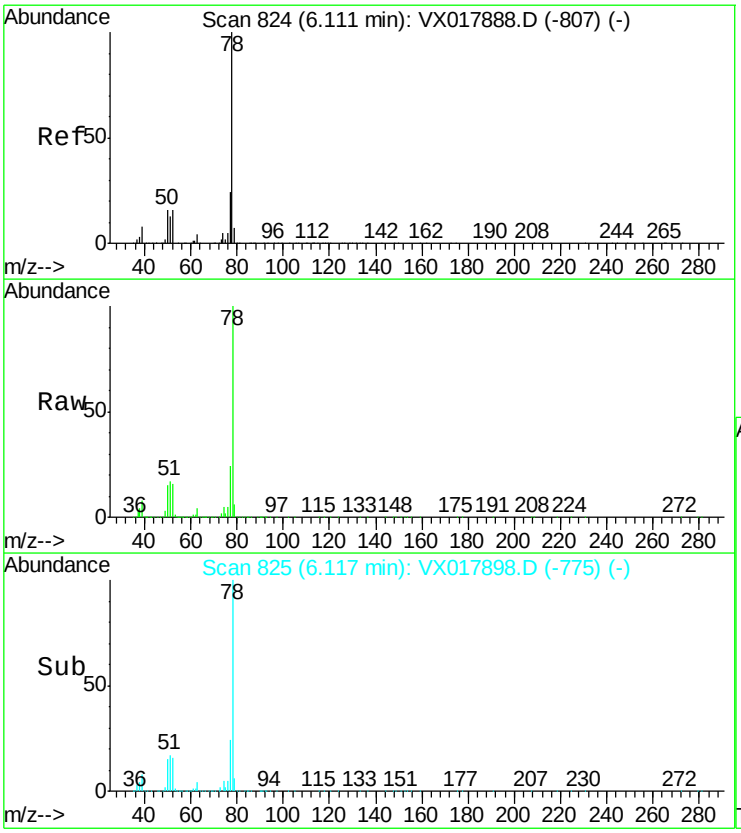
#30
Cyclohexane
Concen: 0.126 ug/L
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
BG0N0

Tgt Ion: 56 Resp: 4523

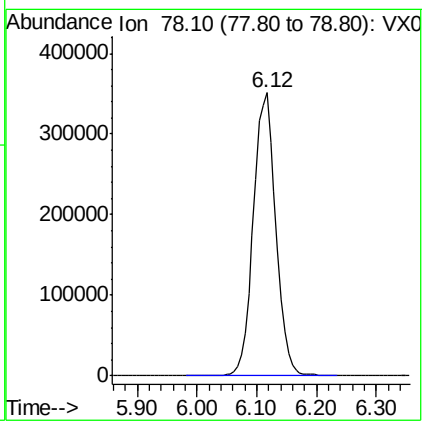
Ion	Ratio	Lower	Upper
56	100		
69	40.5	25.1	37.7#
84	93.9	70.7	106.1

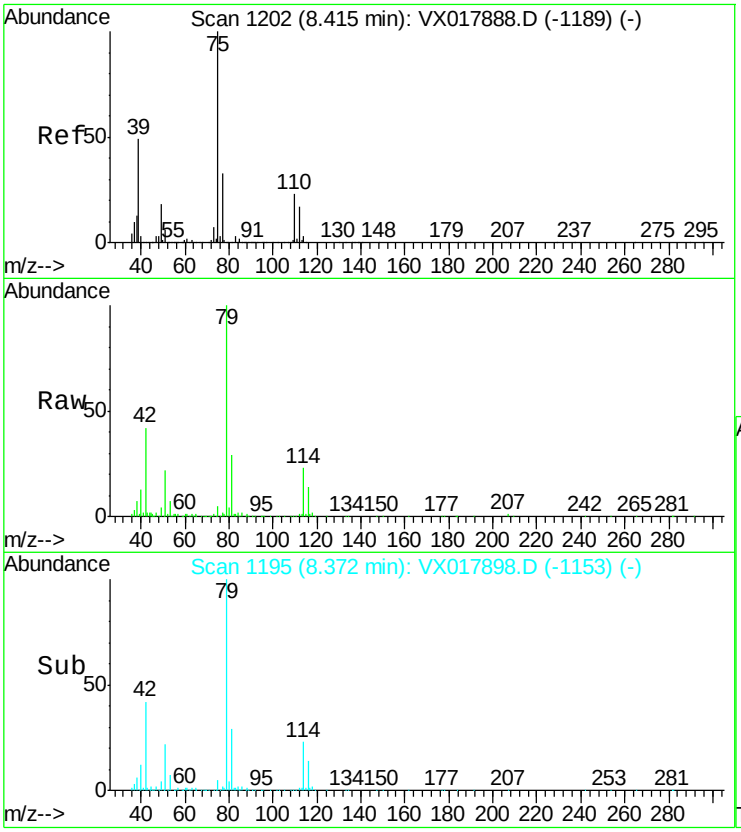




#33
Benzene
Concen: 10.349 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion: 78 Resp: 921330



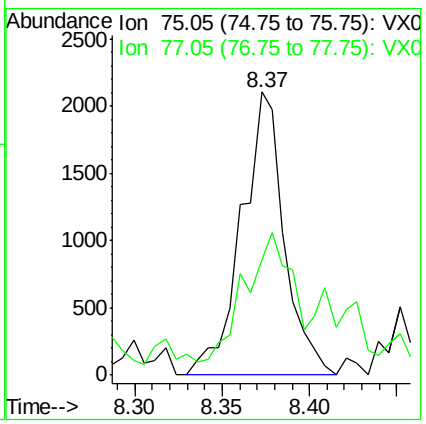


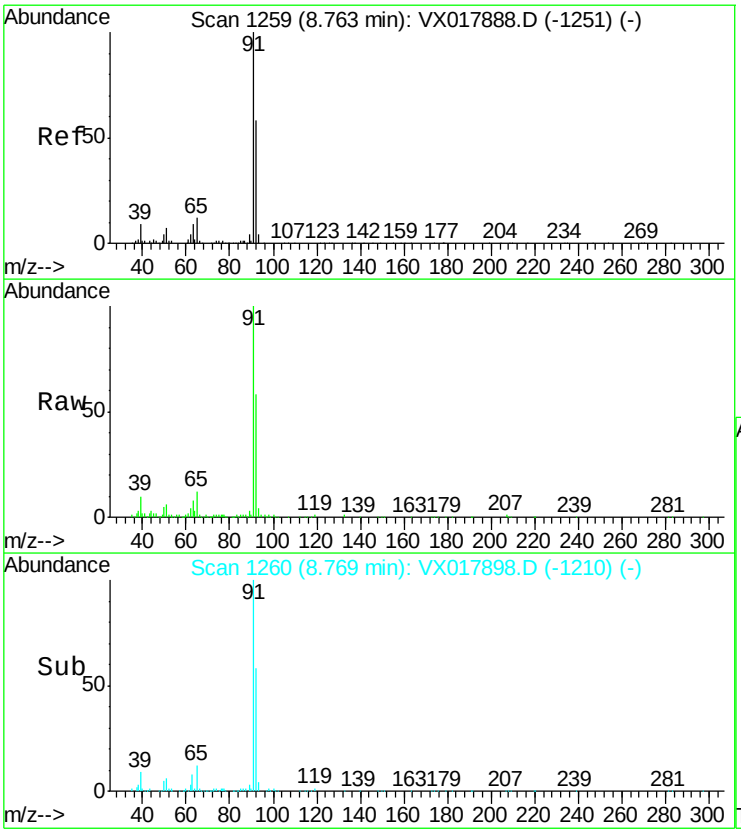
#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
BG0N0

Tgt Ion: 75 Resp: 3592

Ion	Ratio	Lower	Upper
75	100		
77	40.9	22.2	41.2

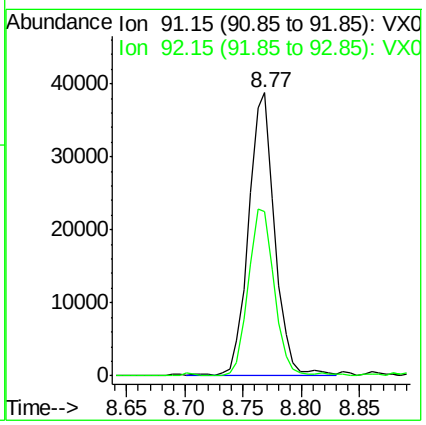


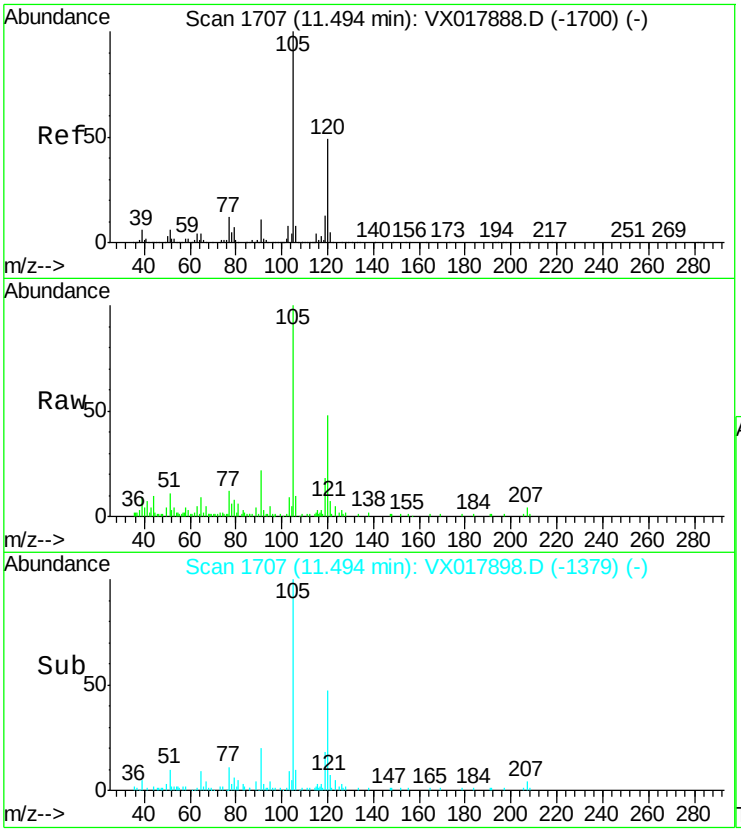


#42
Toluene
Concen: 0.622 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion: 91 Resp: 60144

Ion	Ratio	Lower	Upper
91	100		
92	58.2	38.8	72.0



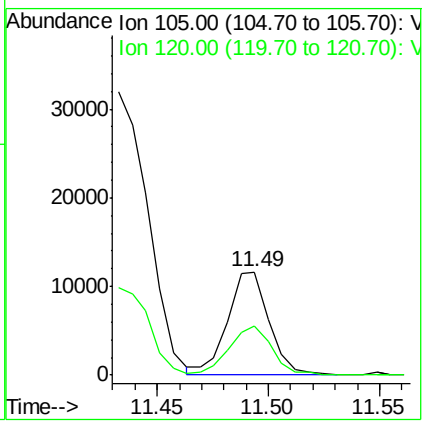


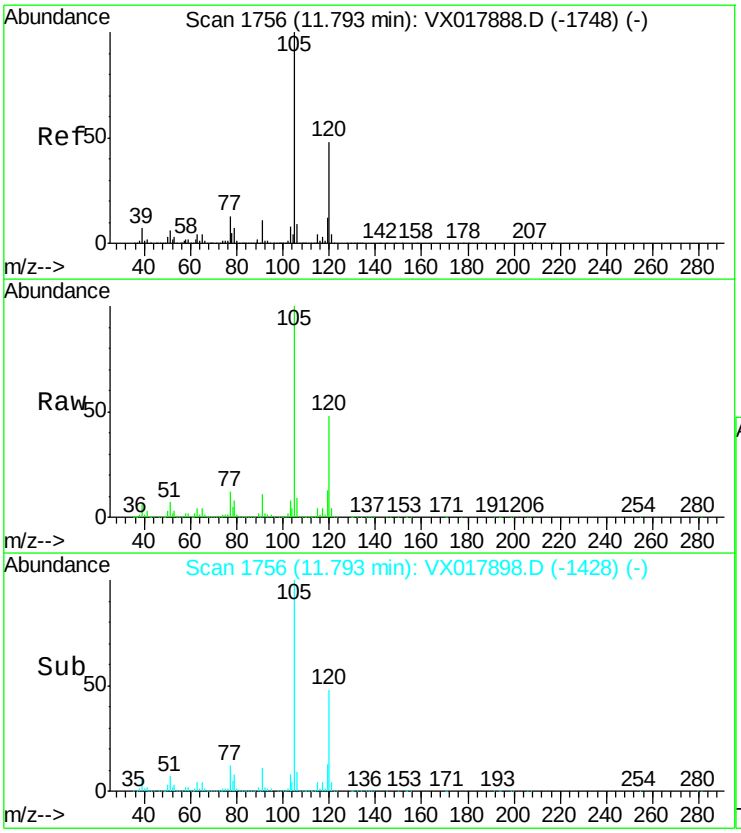
#43
1,3,5-Trimethylbenzene
Concen: 0.174 ug/L
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
BG0N0

Tgt Ion:105 Resp: 15330

Ion	Ratio	Lower	Upper
105	100		
120	49.0	38.1	57.1

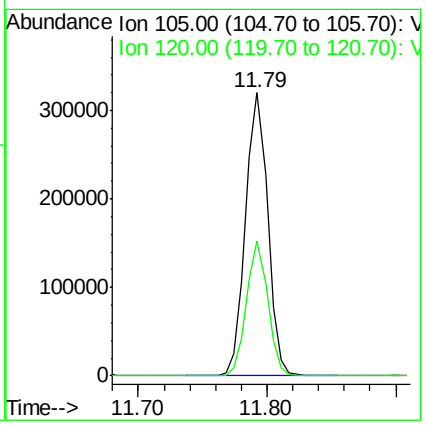


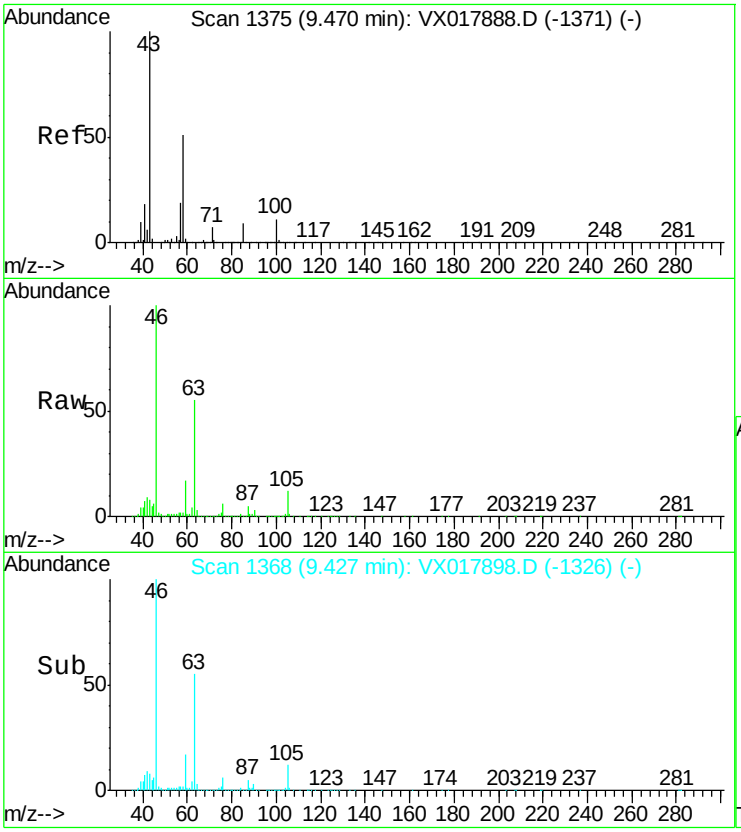


#44
1,2,4-Trimethylbenzene
Concen: 4.186 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion:105 Resp: 376048

Ion	Ratio	Lower	Upper
105	100		
120	46.1	35.8	53.8



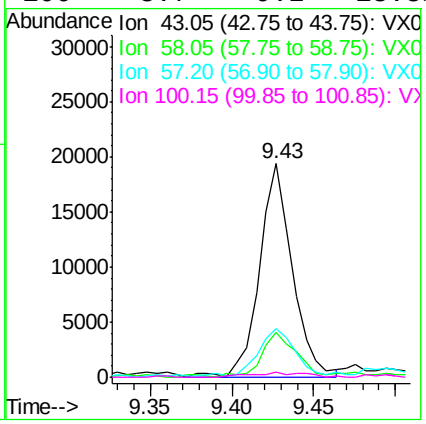


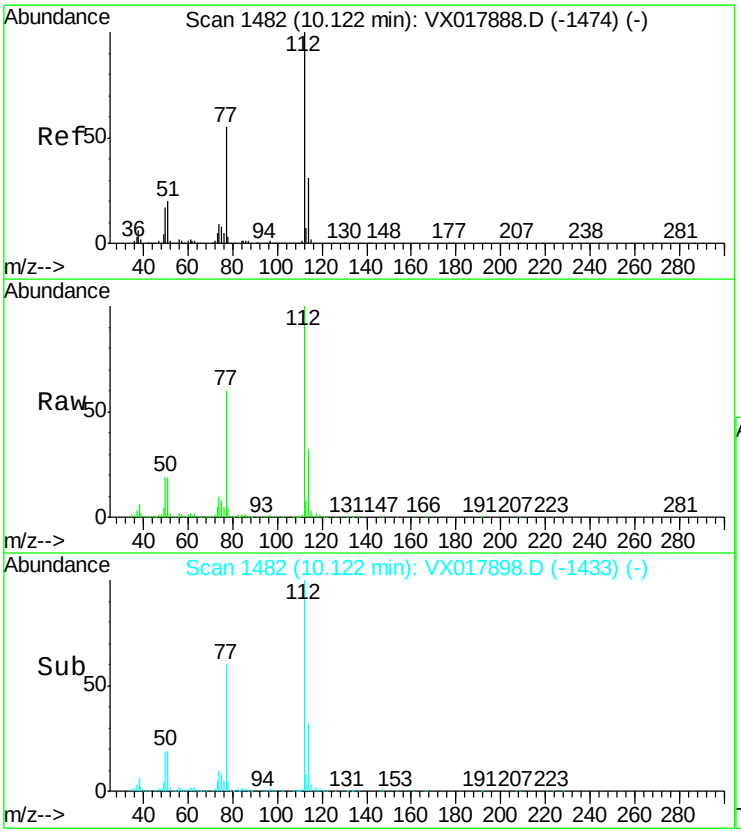
#50
2-Hexanone
Concen: 2.593 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument : MSVOA_X
ClientSampleId : BG0N0

Tgt Ion: 43 Resp: 27092

Ion	Ratio	Lower	Upper
43	100		
58	22.1	43.0	64.6#
57	26.0	15.0	22.4#
100	3.7	9.2	13.8#

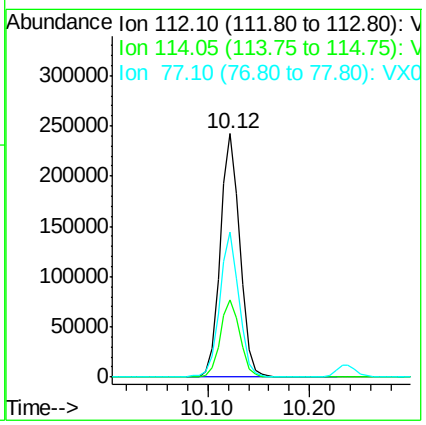


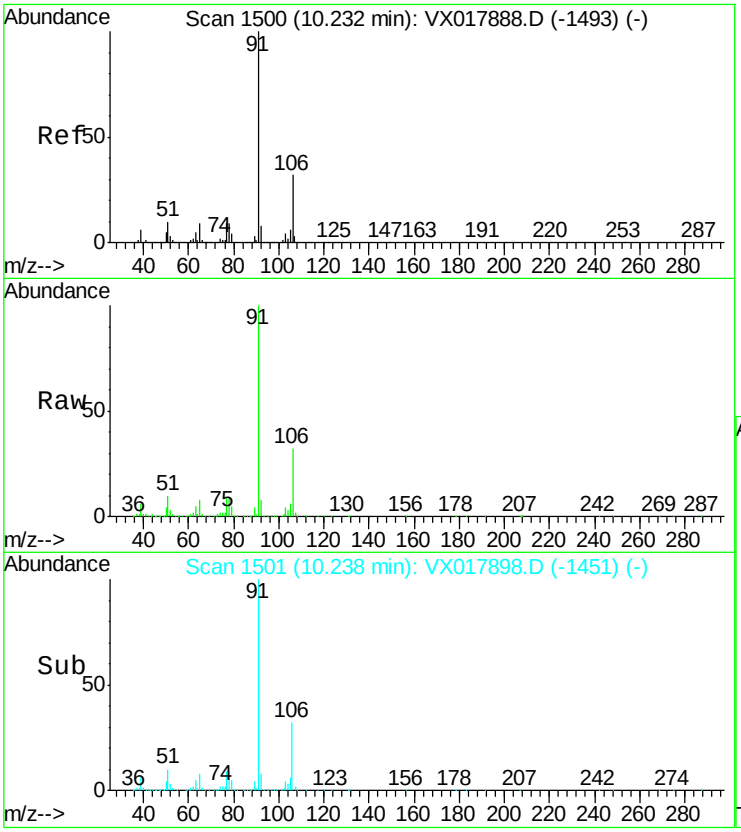


#53
Chlorobenzene
Concen: 5.148 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion:112 Resp: 323839

Ion	Ratio	Lower	Upper
112	100		
114	31.7	23.5	43.7
77	59.6	46.7	70.1



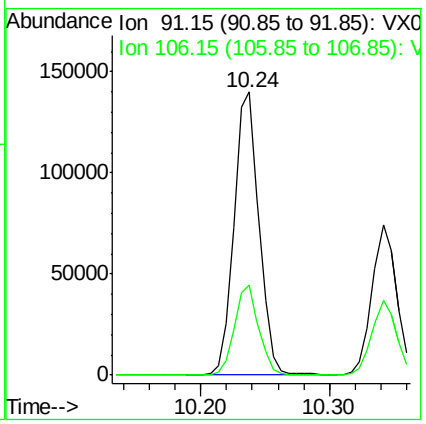


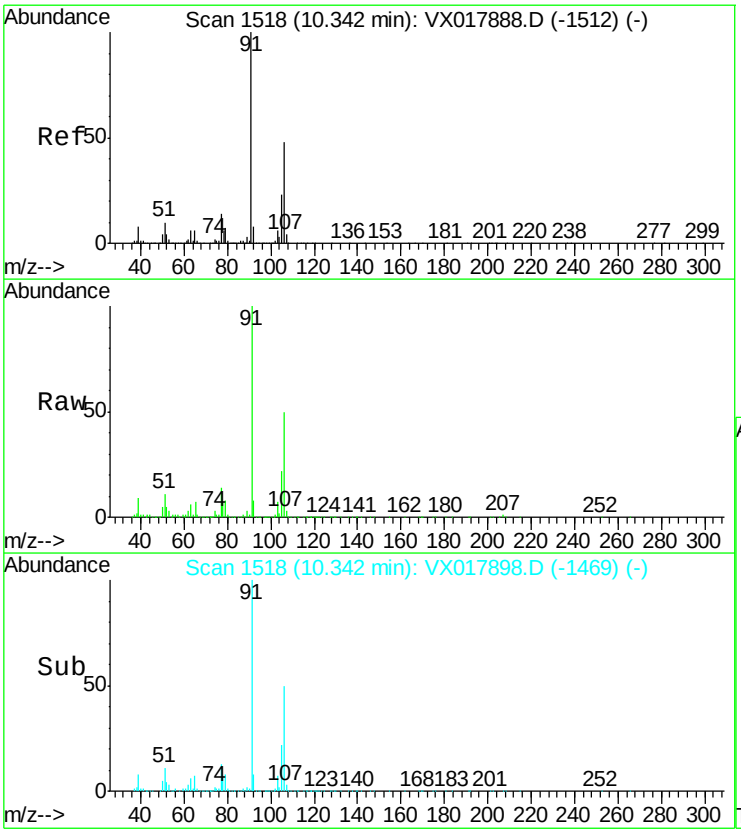
#54
Ethylbenzene
Concen: 1.781 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument : MSVOA_X
ClientSampleId : BG0N0

Tgt Ion: 91 Resp: 187880

Ion	Ratio	Lower	Upper
91	100		
106	32.1	22.5	41.9

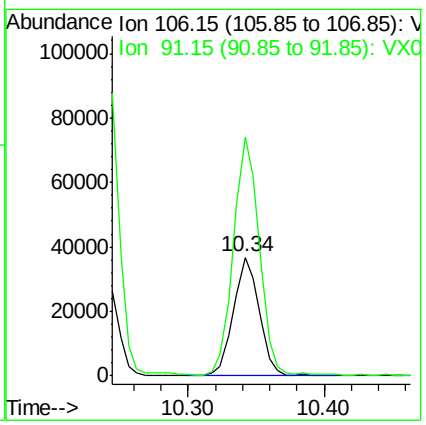


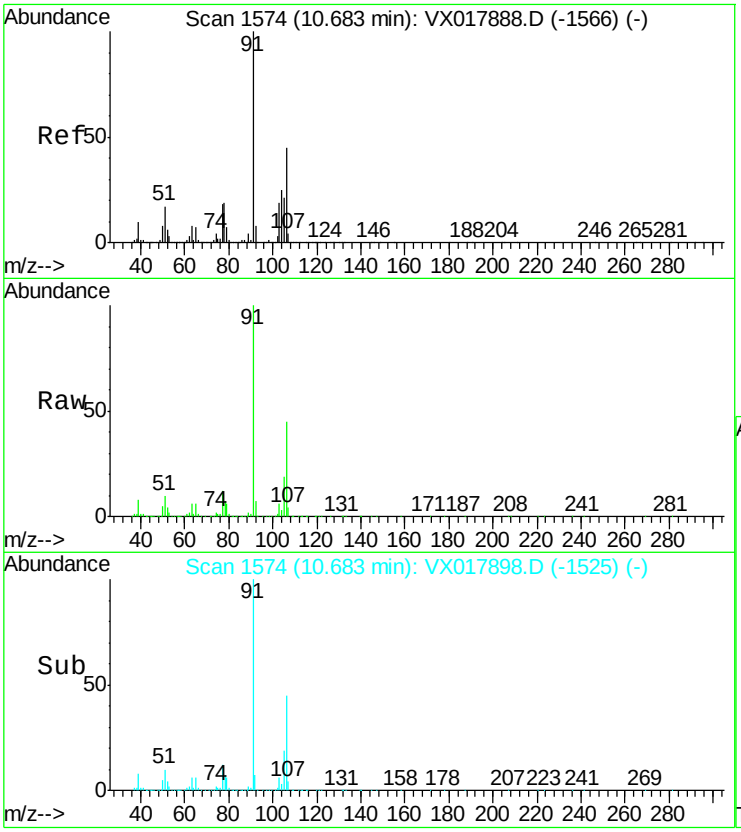


#55
m,p-xylene
Concen: 1.217 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion:106 Resp: 49014

Ion	Ratio	Lower	Upper
106	100		
91	201.8	143.3	266.1



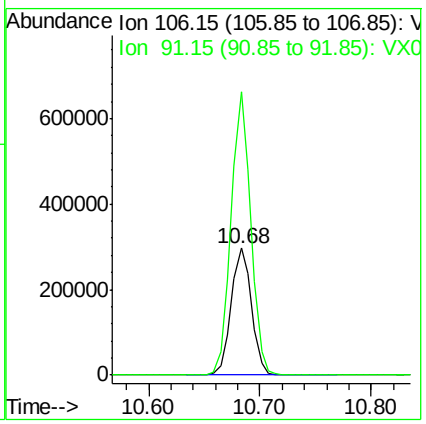


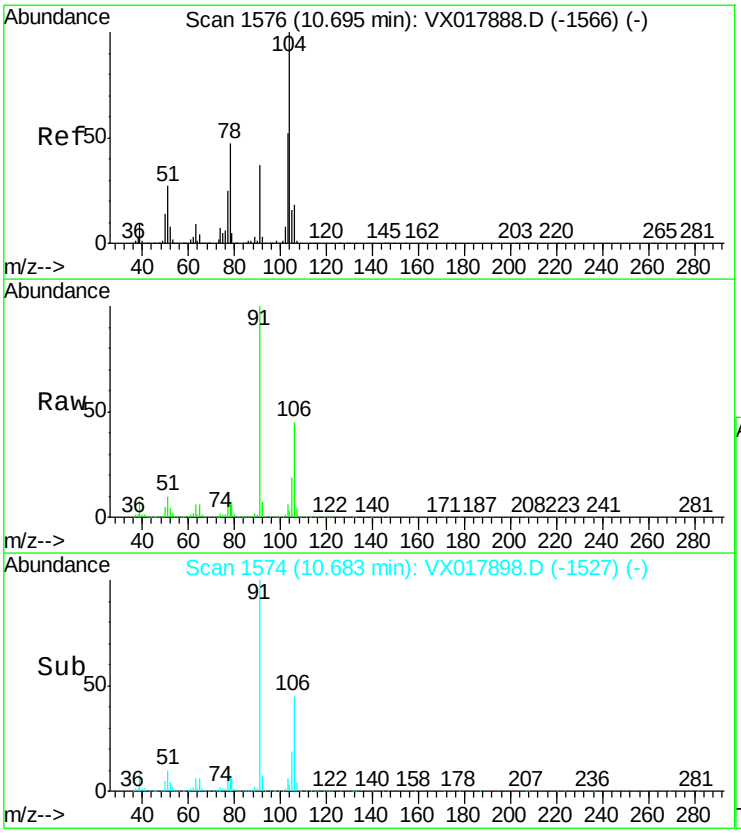
#56
o-xylene
Concen: 9.588 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument : MSVOA_X
ClientSampleId : BG0N0

Tgt Ion:106 Resp: 374363

Ion	Ratio	Lower	Upper
106	100		
91	223.5	149.8	278.2

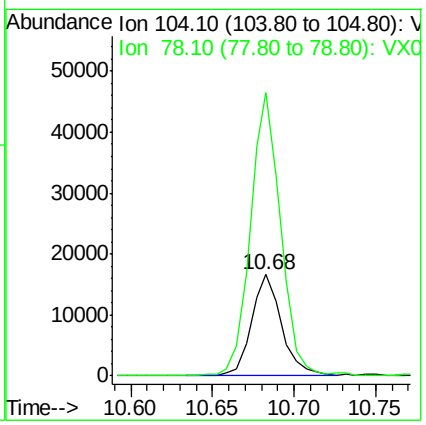


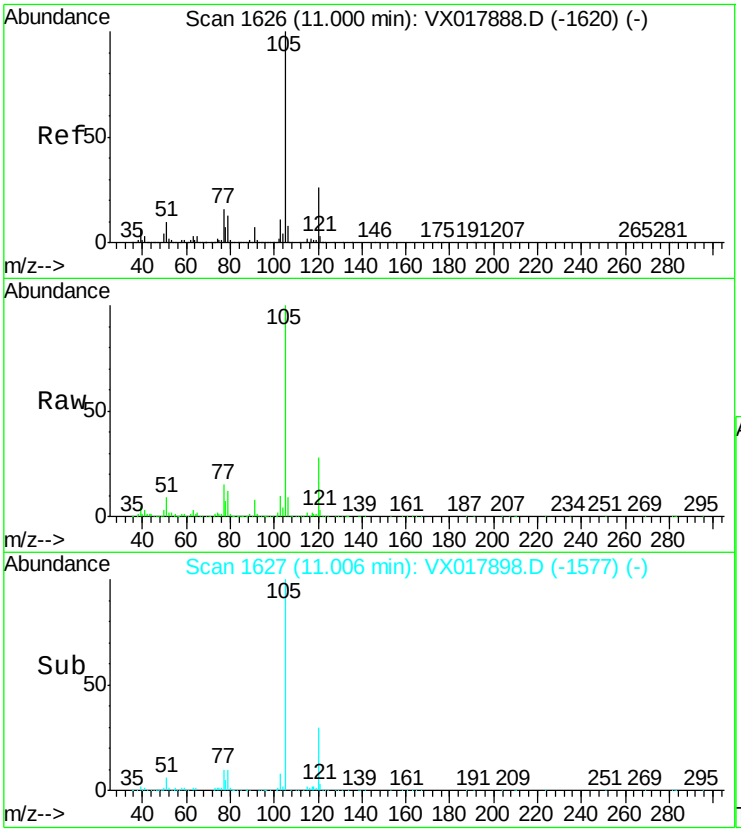


#57
Styrene
Concen: 0.327 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion:104 Resp: 21570

Ion	Ratio	Lower	Upper
104	100		
78	279.1	33.7	62.5#



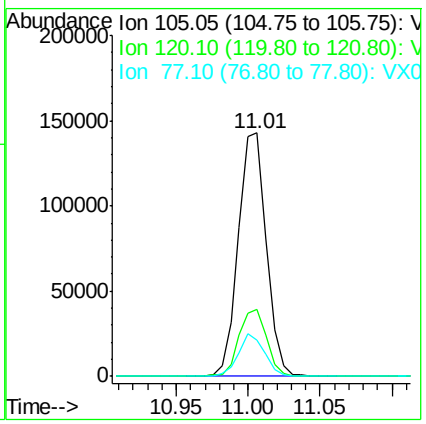


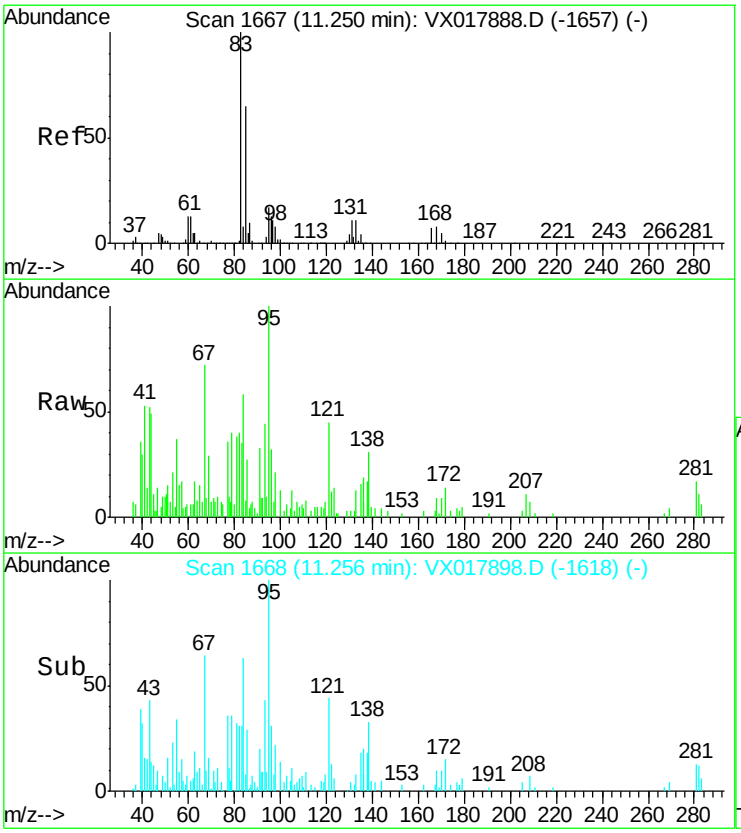
#58
Isopropylbenzene
Concen: 1.839 ug/L
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument : MSVOA_X
ClientSampleId : BG0N0

Tgt Ion:105 Resp: 192204

Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.8	32.6
77	16.7	12.8	19.2

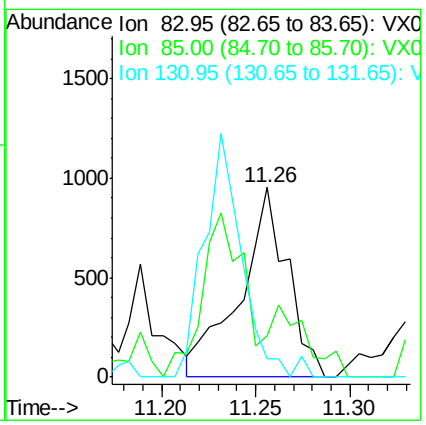


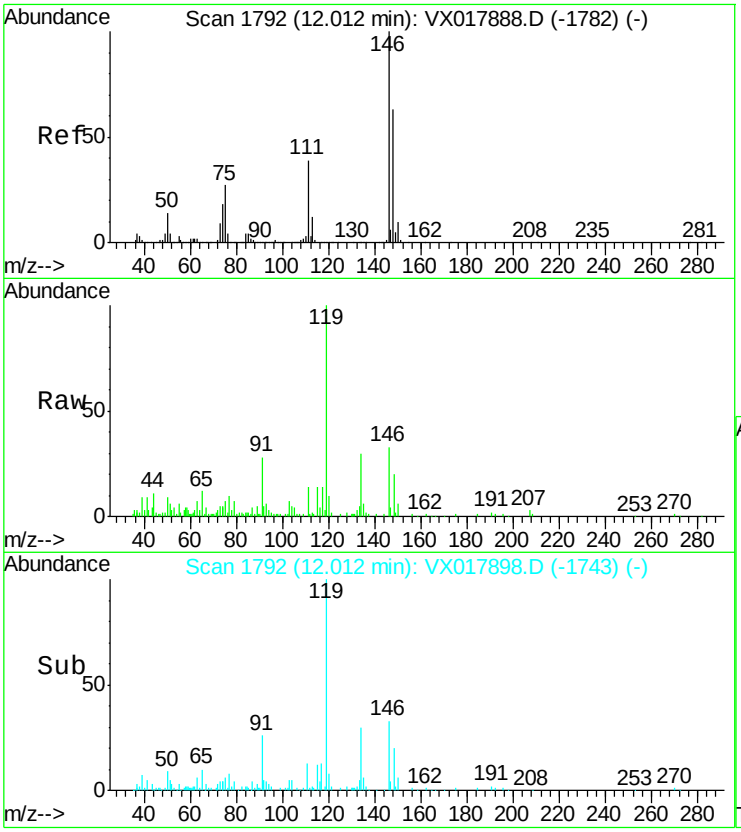


#60
1,1,2,2-Tetrachloroethane
Concen: 0.090 ug/L
RT: 11.26 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion: 83 Resp: 1653

Ion	Ratio	Lower	Upper
83	100		
85	22.1	44.6	82.8#
131	9.5	8.2	12.2



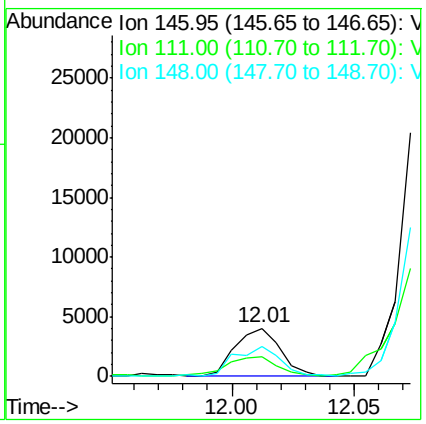


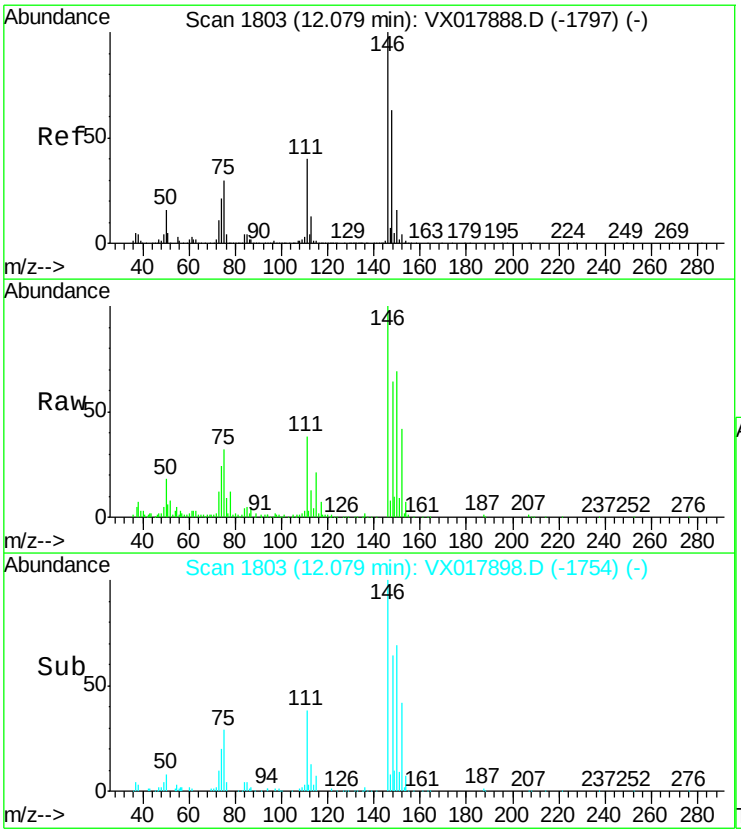
#63
1,3-Dichlorobenzene
Concen: 0.103 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
BG0N0

Tgt Ion:146 Resp: 5260

Ion	Ratio	Lower	Upper
146	100		
111	42.0	27.6	51.4
148	61.5	43.9	81.5

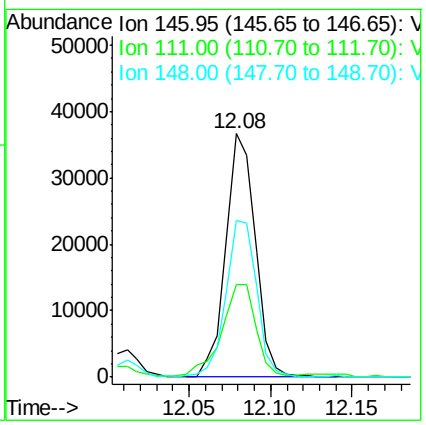


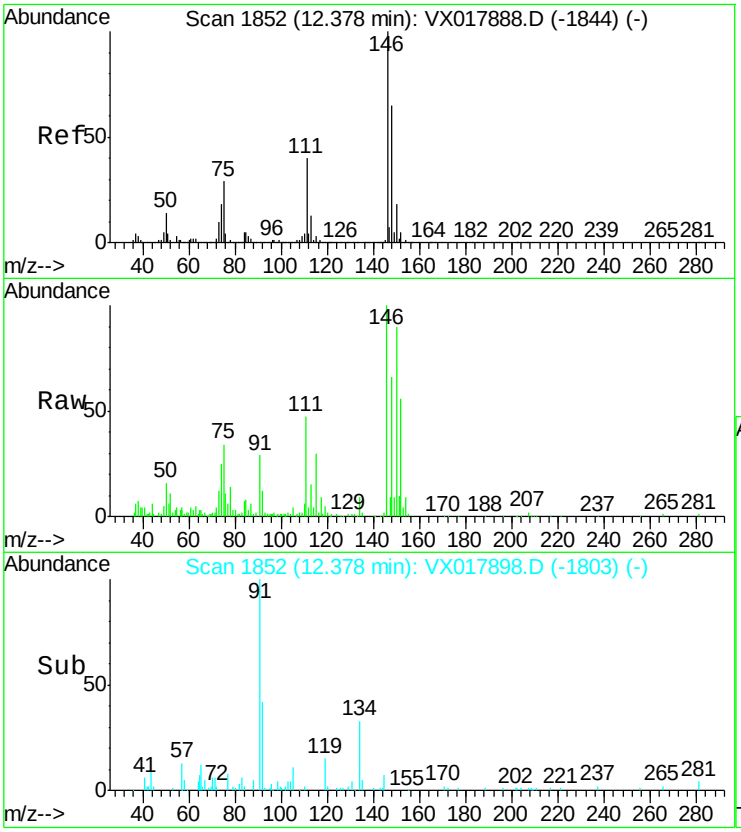


#64
1,4-Dichlorobenzene
Concen: 0.908 ug/L
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion:146 Resp: 46153

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.0	48.2
148	64.1	43.2	80.2



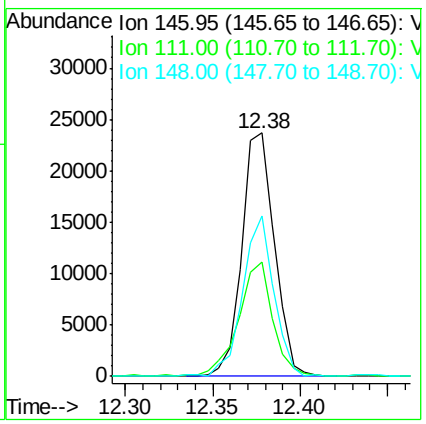


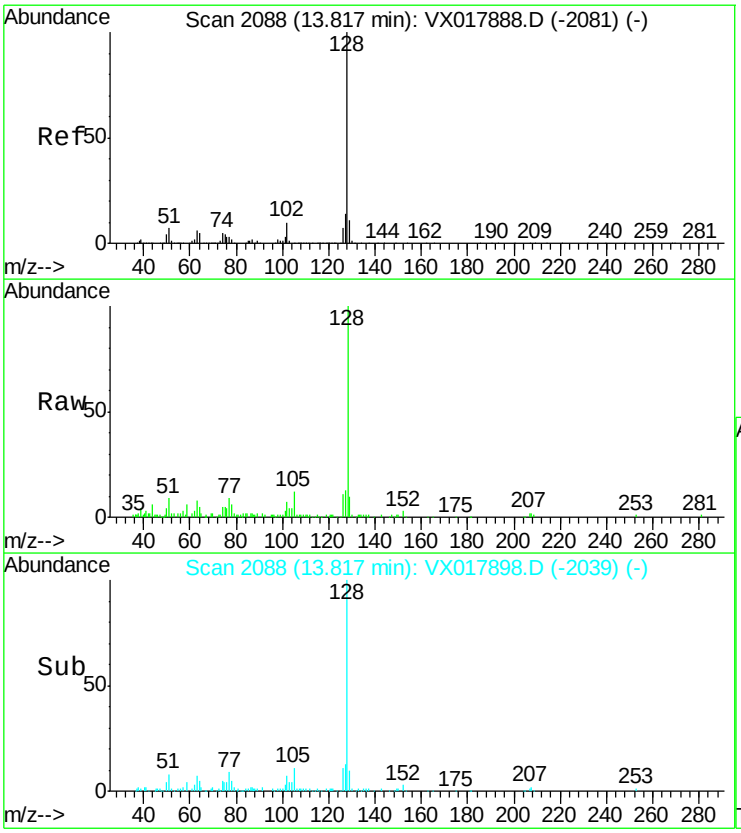
#66
1,2-Dichlorobenzene
Concen: 0.648 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
BG0N0

Tgt Ion:146 Resp: 30734

Ion	Ratio	Lower	Upper
146	100		
111	46.9	32.2	48.4
148	66.0	52.3	78.5





#70
Naphthalene
Concen: 0.437 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017898.D
Acq: 14 Aug 2020 14:28

Tgt Ion:128 Resp: 26809

Ion	Ratio	Lower	Upper
128	100		
129	14.5	8.4	12.6#
127	12.0	11.0	16.4