Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018826.D
Acq On : 07 Oct 2020 21:30
Operator : JC/SP
Sample : L4290-04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JLWX4

Quant Time: Oct 08 03:36:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 08 01:16:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	137837	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	137813	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	70680	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	31004	3.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.00%			
7) Chloroethane-d5	1.70	69	30379	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.34	63	56987	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	4.56	46	124661	59.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.06%			
24) Chloroform-d	5.14	84	89277	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	6.03	65	54484	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	6.04	84	158517	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	7.37	67	49520	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	8.70	98	141948	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
45) trans-1,3-Dichloropropene-	8.99	79	20400	3.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.60%			
48) 2-Hexanone-d5	9.43	63	106174	59.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.94%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	43182	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
65) 1,2-Dichlorobenzene-d4	12.36	152	64762	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
13) Acetone	2.45	43	38357	33.266	ug/L	94
14) Carbon disulfide	2.56	76	2797	0.130	ug/L #	85
21) 2-Butanone	4.67	43	24129	14.375	ug/L	90
38) Bromodichloromethane	7.87	83	4753	0.412	ug/L #	92
40) 4-Methyl-2-pentanone	8.62	43	3402	0.812	ug/L #	71
42) Toluene	8.77	91	5248	0.166	ug/L	98
49) Tetrachloroethene	9.32	164	53209	7.143	ug/L	94
51) Dibromochloromethane	9.57	129	15572	1.964	ug/L	100
55) m,p-xylene	10.34	106	1213	0.088	ug/L	68
56) o-xylene	10.68	106	847	0.066	ug/L	88
62) Bromoform	10.84	173	18082	3.871	ug/L	97

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

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QLast Update : Thu Oct 08 01:16:58 2020
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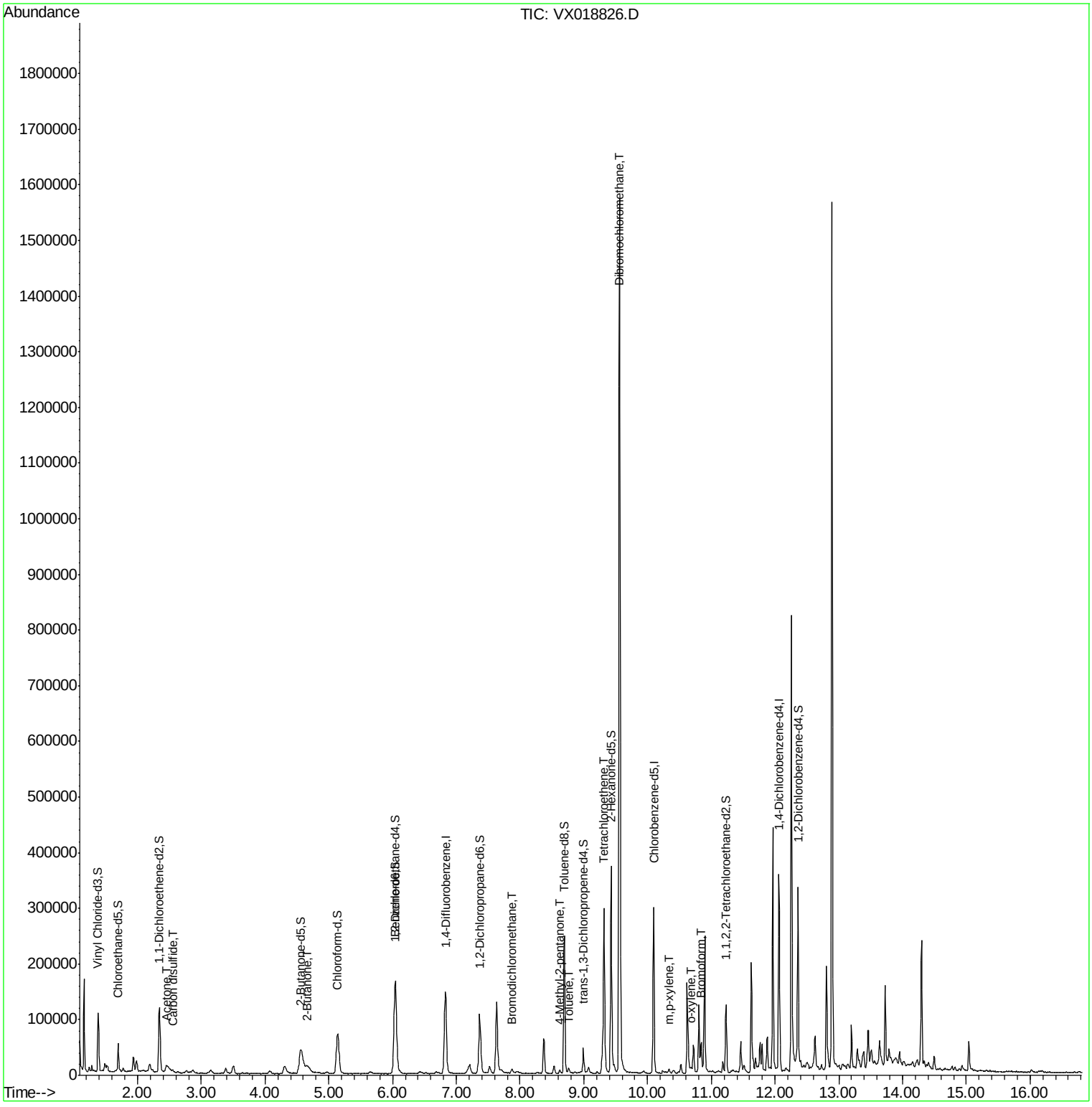
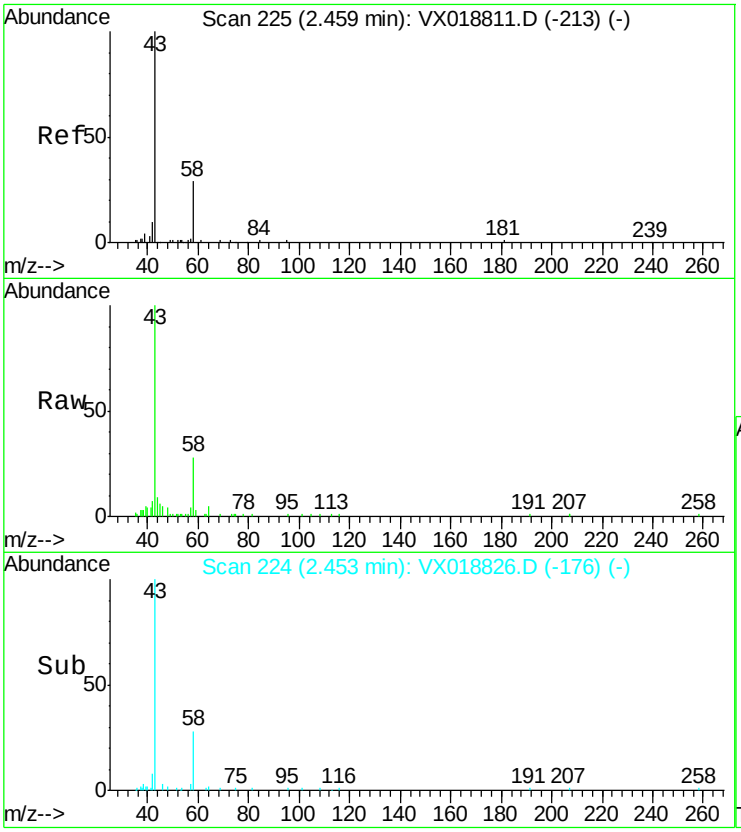


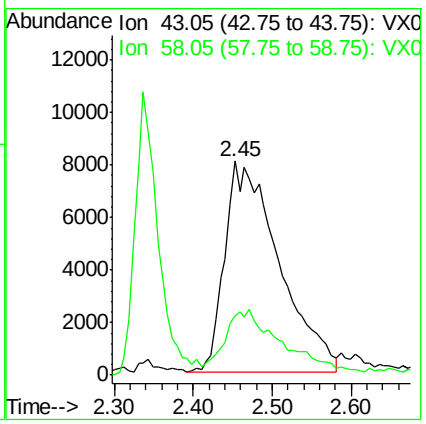


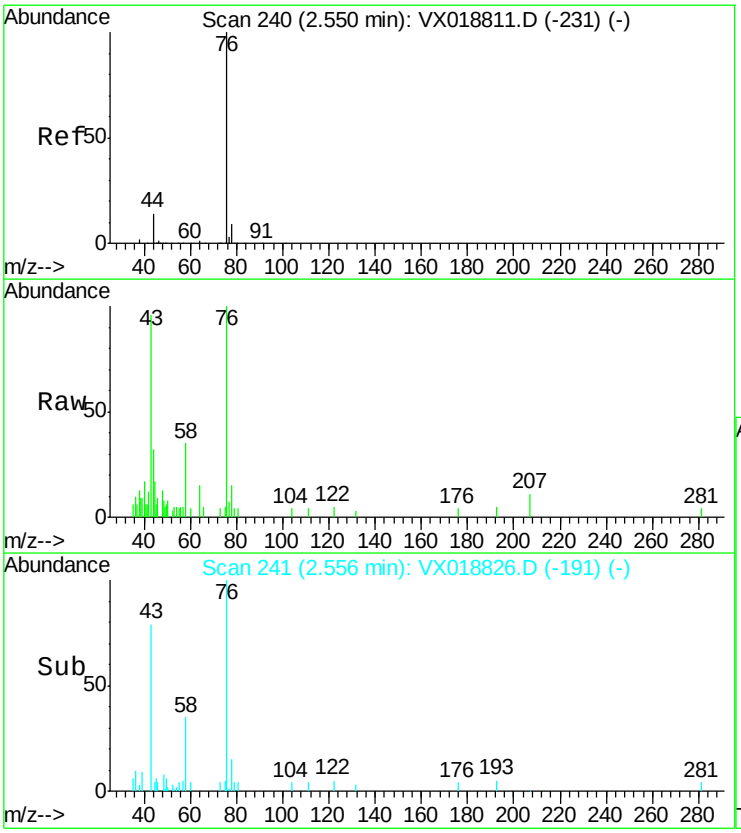
#13
Acetone
Concen: 33.266 ug/L
RT: 2.45 min Scan# 224
Delta R.T. -0.01 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Instrument : MSVOA_X
ClientSampleId : JLWX4

Tgt Ion: 43 Resp: 38357

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	56.4

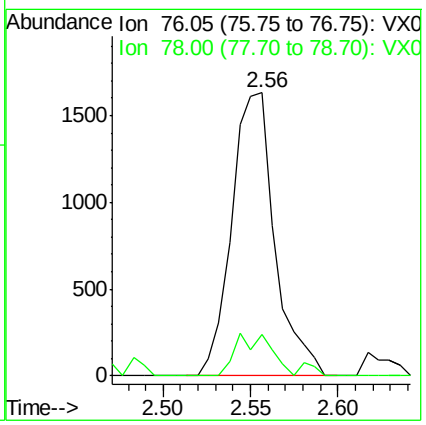


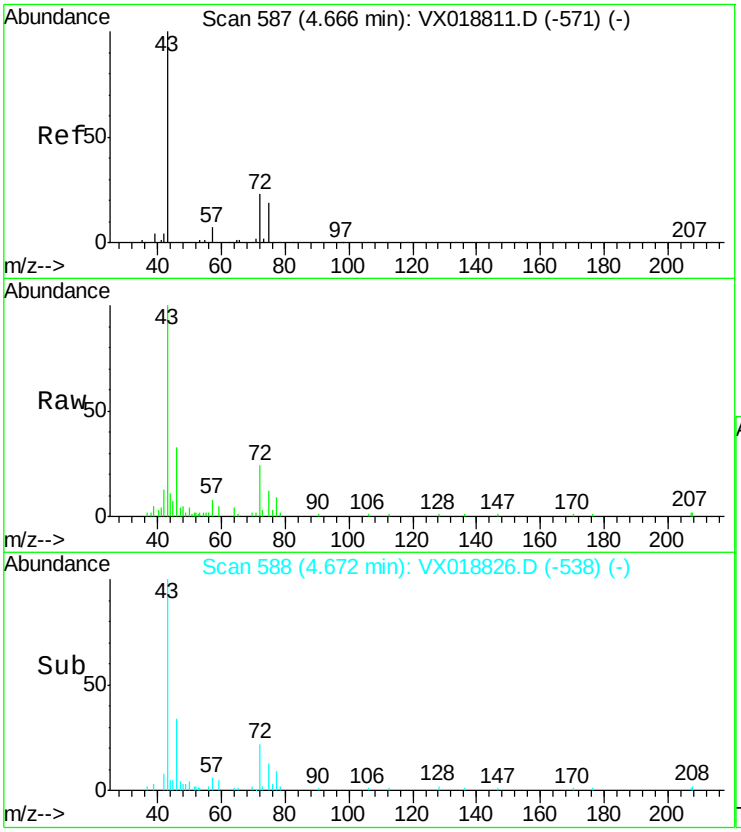


#14
Carbon disulfide
Concen: 0.130 ug/L
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Tgt Ion: 76 Resp: 2797

Ion	Ratio	Lower	Upper
76	100		
78	14.8	7.4	11.2#



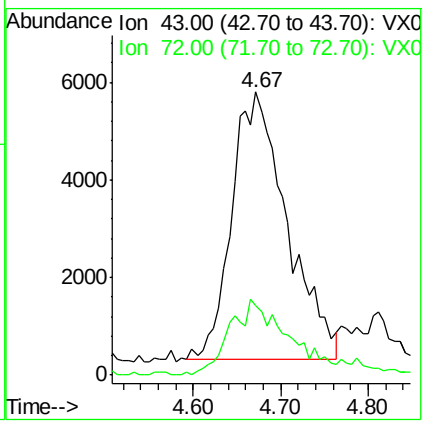


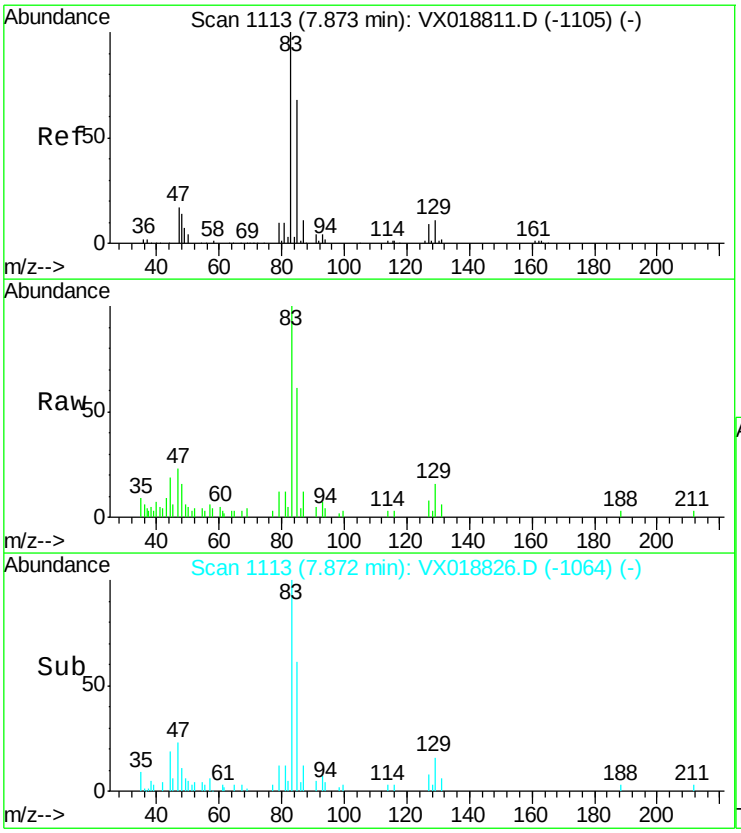
#21
2-Butanone
Concen: 14.375 ug/L
RT: 4.67 min Scan# 588
Delta R.T. 0.01 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
JLWX4

Tgt Ion: 43 Resp: 24129

Ion	Ratio	Lower	Upper
43	100		
72	29.6	12.4	37.2

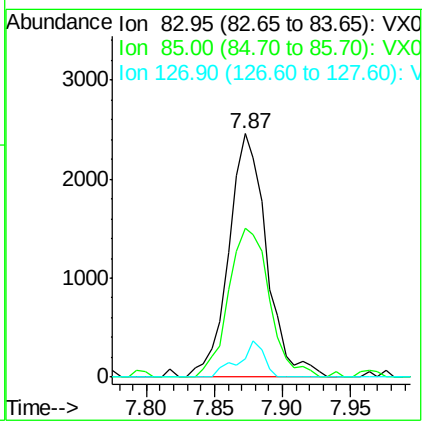


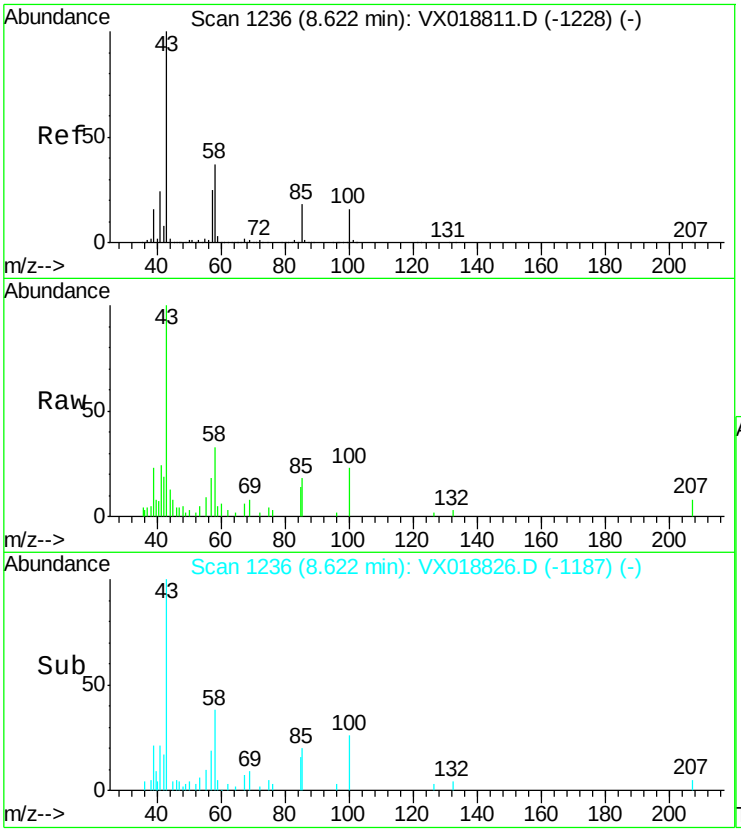


#38
Bromodichloromethane
Concen: 0.412 ug/L
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Tgt Ion: 83 Resp: 4753

Ion	Ratio	Lower	Upper
83	100		
85	61.2	46.6	86.6
127	7.8	9.9	14.9#



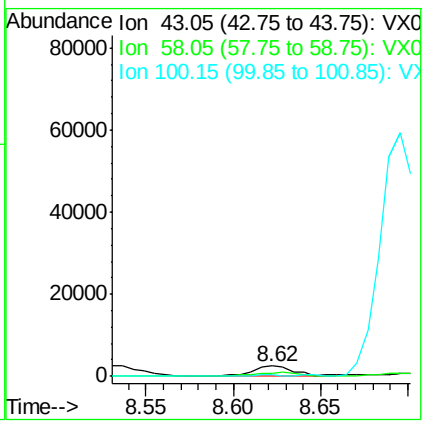


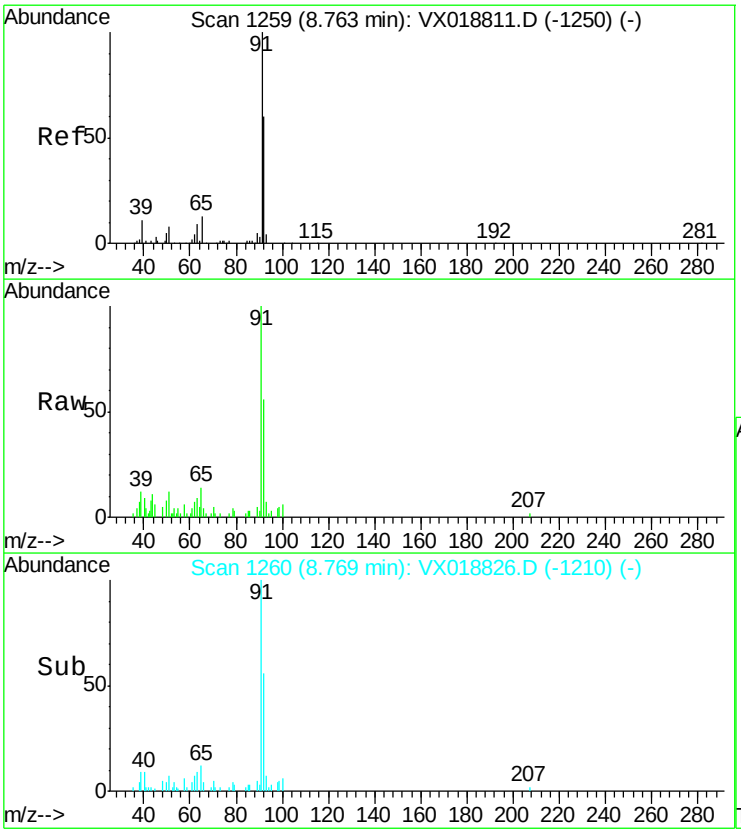
#40
4-Methyl-2-pentanone
Concen: 0.812 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Instrument : MSVOA_X
ClientSampleId : JLWX4

Tgt Ion: 43 Resp: 3402

Ion	Ratio	Lower	Upper
43	100		
58	53.8	30.8	46.2#
100	0.0	13.2	19.8#

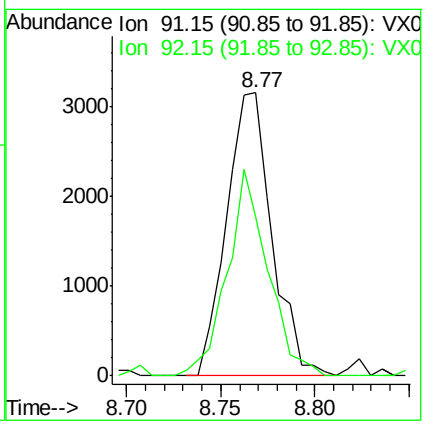


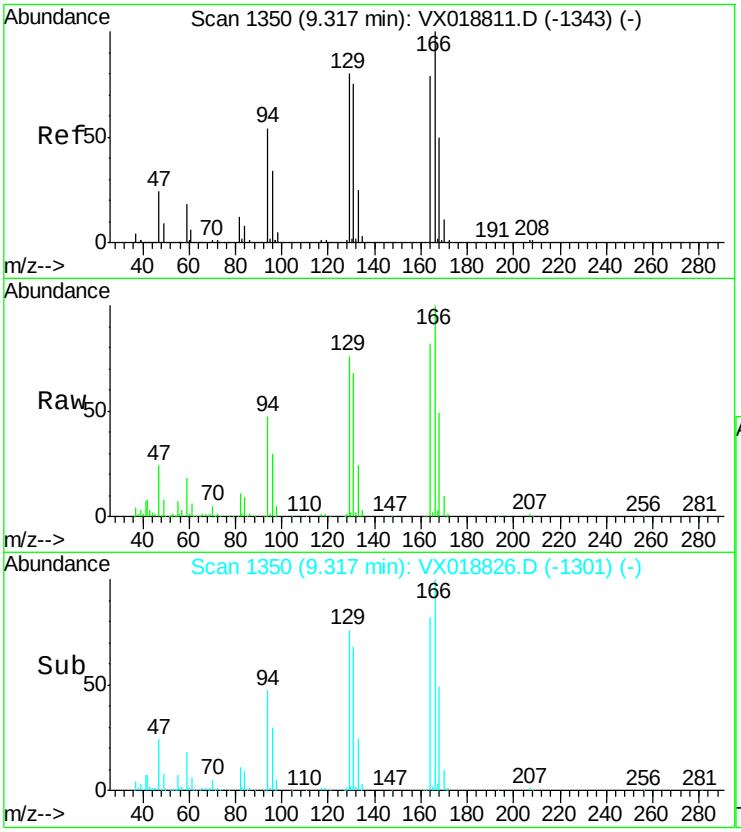


#42
Toluene
Concen: 0.166 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Tgt Ion: 91 Resp: 5248

Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.3	74.9



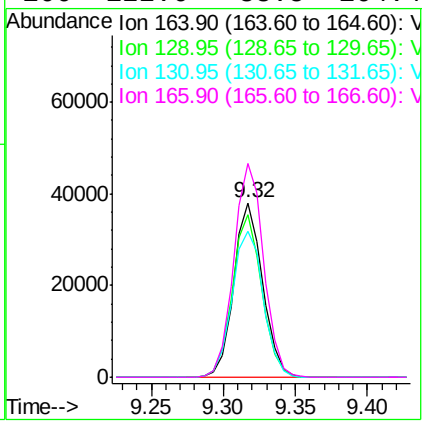


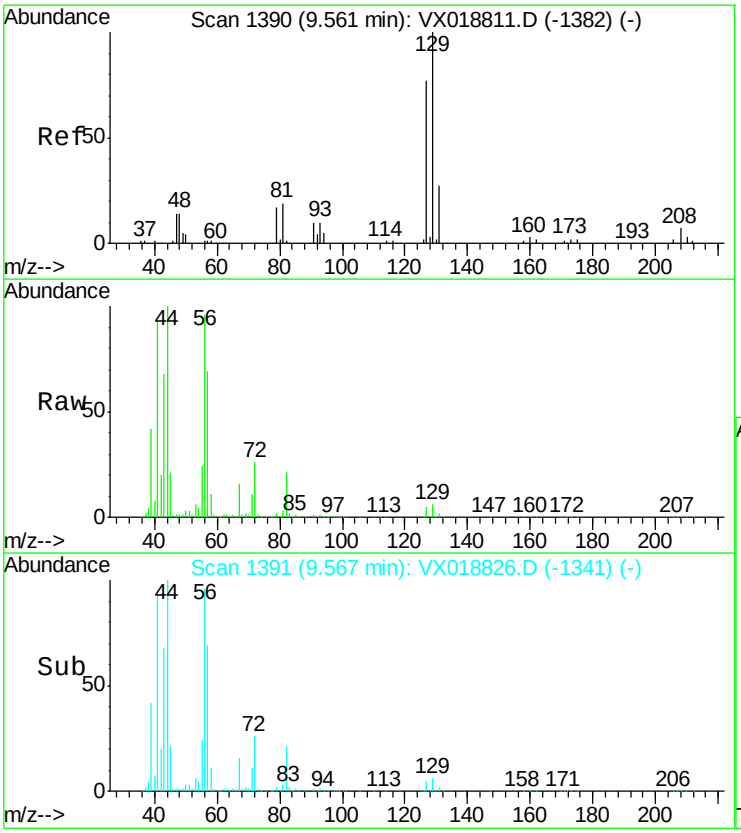
#49
Tetrachloroethene
Concen: 7.143 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
JLWX4

Tgt Ion:164 Resp: 53209

Ion	Ratio	Lower	Upper
164	100		
129	93.0	68.7	127.5
131	84.0	65.3	121.3
166	122.6	88.5	164.4

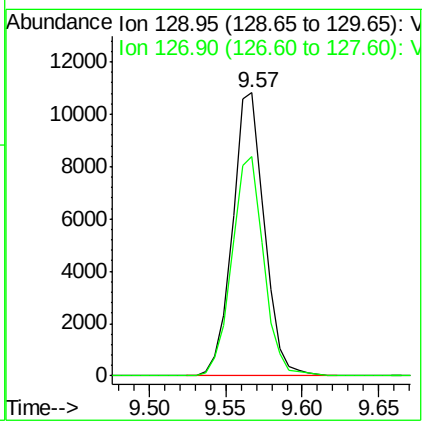


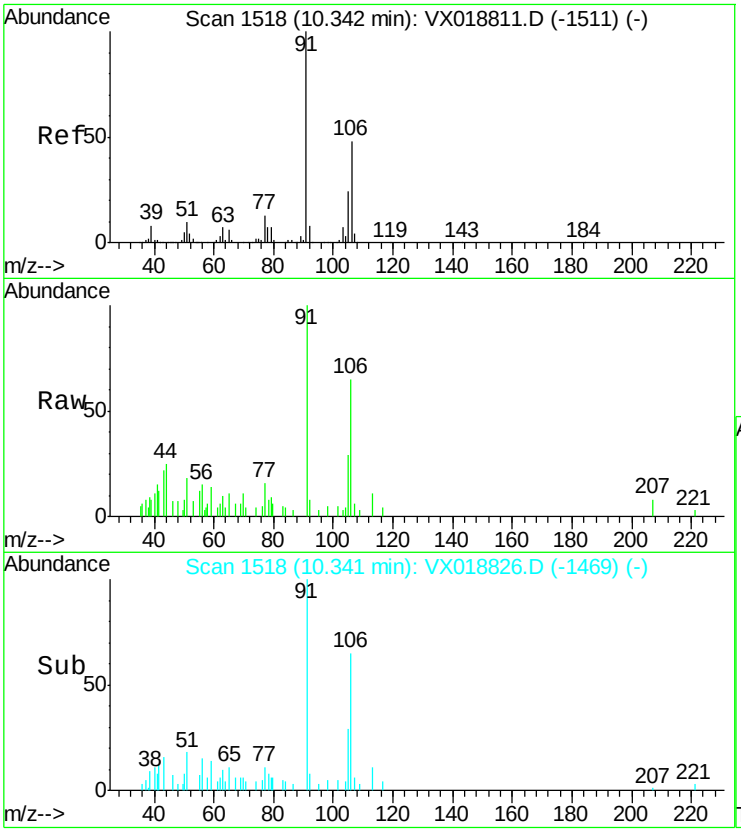


#51
Dibromochloromethane
Concen: 1.964 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Tgt Ion:129 Resp: 15572

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.5	101.1



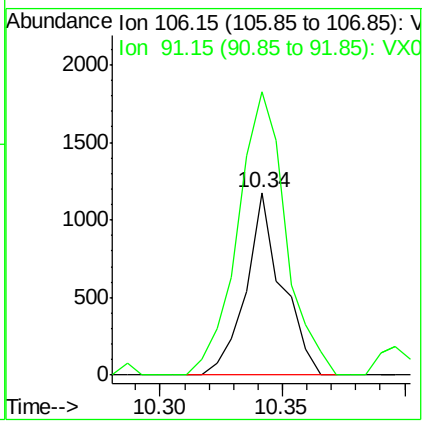


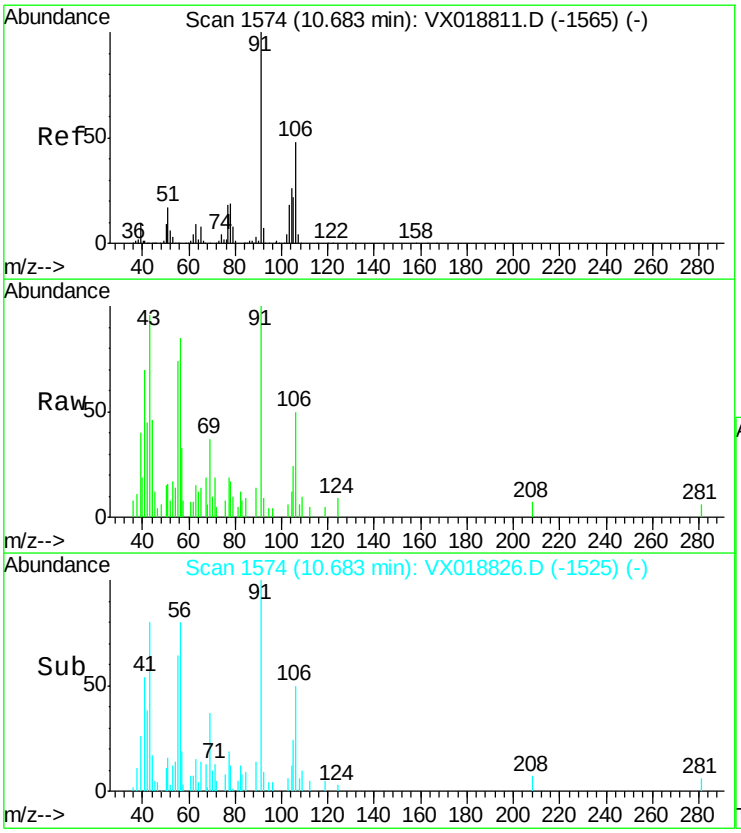
#55
m,p-xylene
Concen: 0.088 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
JLWX4

Tgt Ion:106 Resp: 1213

Ion	Ratio	Lower	Upper
106	100		
91	154.8	143.4	266.2

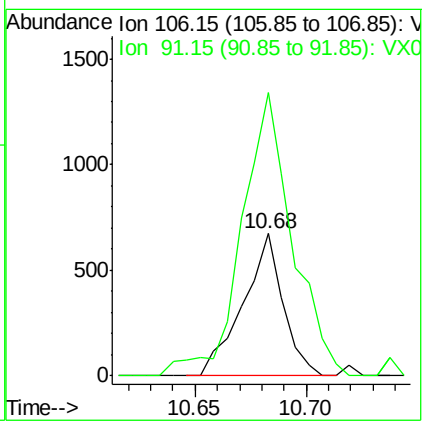


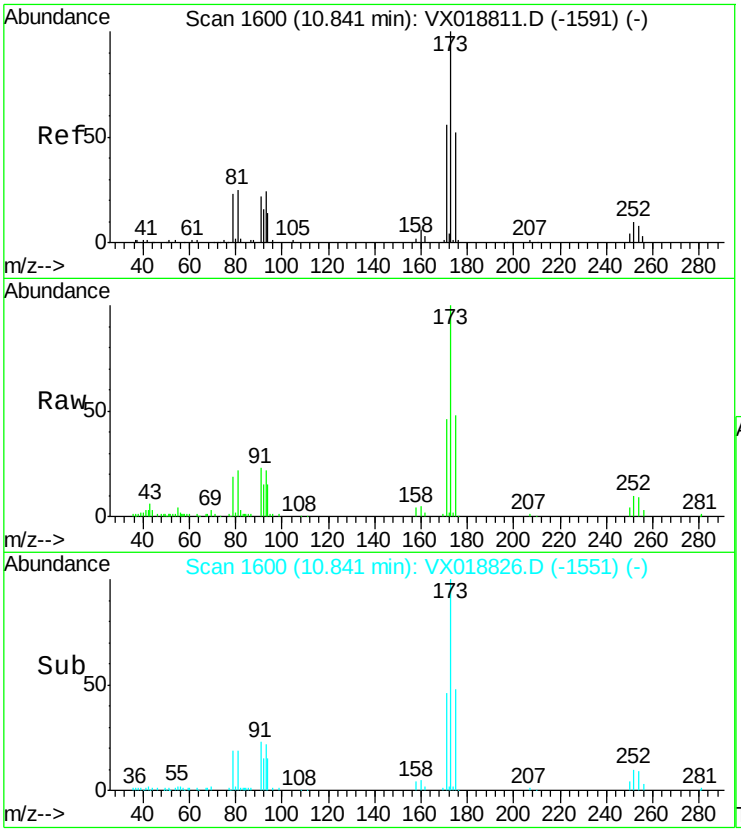


#56
o-xylene
Concen: 0.066 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Tgt Ion:106 Resp: 847

Ion	Ratio	Lower	Upper
106	100		
91	199.3	153.4	284.8





#62
Bromoform
Concen: 3.871 ug/L
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018826.D
Acq: 07 Oct 2020 21:30

Instrument :
MSVOA_X
ClientSampleId :
JLWX4

Tgt Ion:173 Resp: 18082

Ion	Ratio	Lower	Upper
173	100		
175	49.3	37.8	56.8
254	10.1	7.2	10.8