Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018802.D
Acq On : 06 Oct 2020 16:23
Operator : JC/SP
Sample : L4283-02
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BFSA5

Quant Time: Oct 07 03:08:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	149093	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	140108	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	60130	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	34004	3.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.00%			
7) Chloroethane-d5	1.70	69	30482	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%			
11) 1,1-Dichloroethene-d2	2.34	63	60206	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	4.54	46	123832	54.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.42%			
24) Chloroform-d	5.14	84	90309	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	6.03	65	53107	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
32) Benzene-d6	6.05	84	161807	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	7.37	67	50381	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	8.70	98	146166	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
45) trans-1,3-Dichloropropene-	8.99	79	22083	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
48) 2-Hexanone-d5	9.43	63	98460	54.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.50%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	40633	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
65) 1,2-Dichlorobenzene-d4	12.36	152	57891	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	6782	0.940	ug/L	98
13) Acetone	2.45	43	7769	6.229	ug/L	99
42) Toluene	8.77	91	2584	0.080	ug/L	93
49) Tetrachloroethene	9.32	164	13865	1.831	ug/L	96

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

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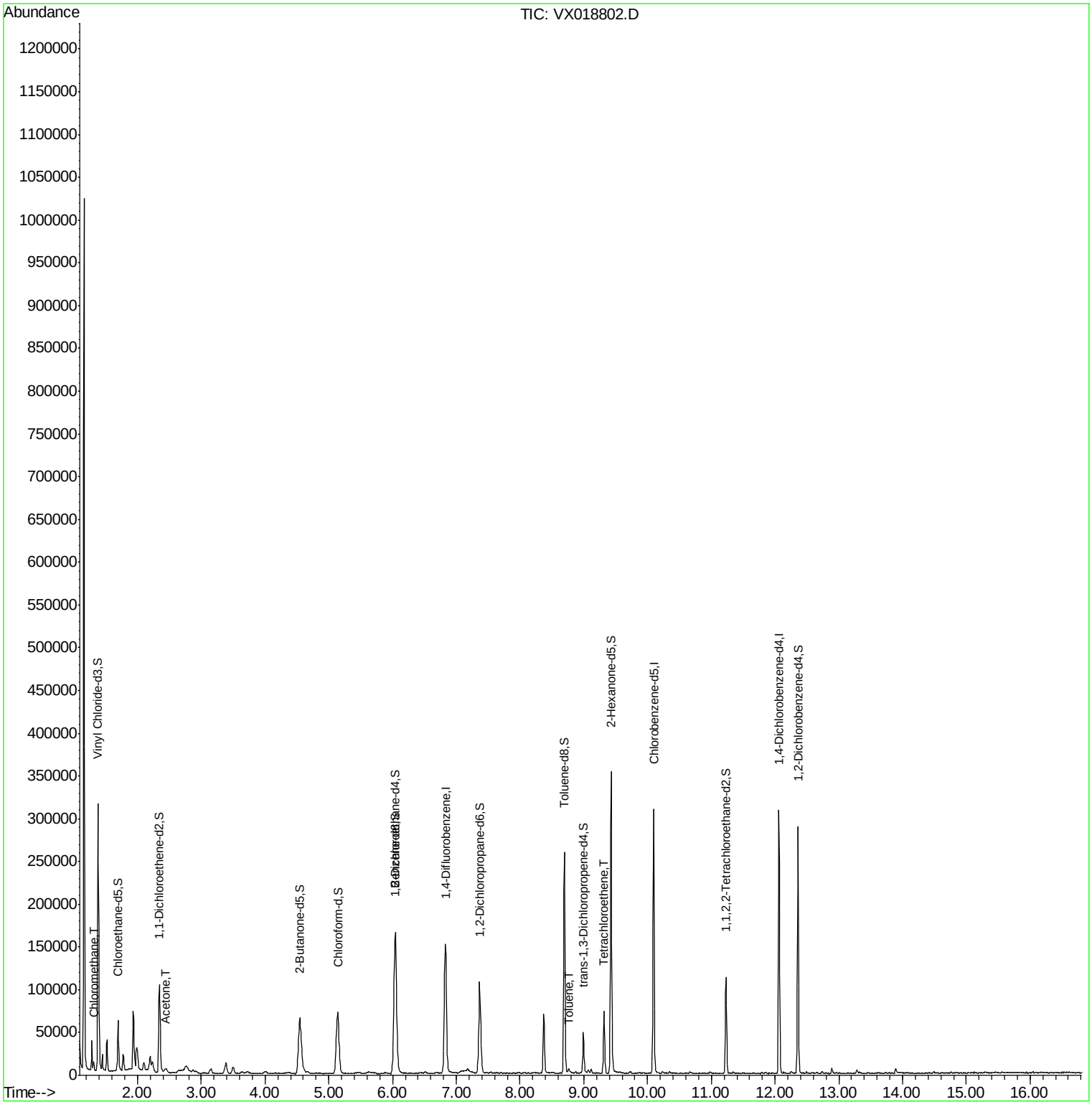
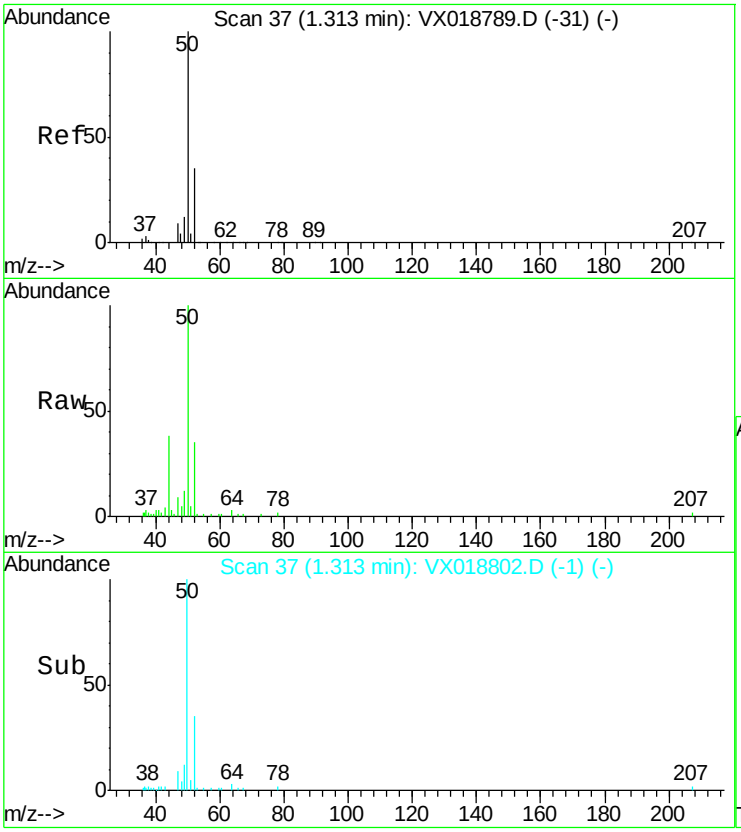


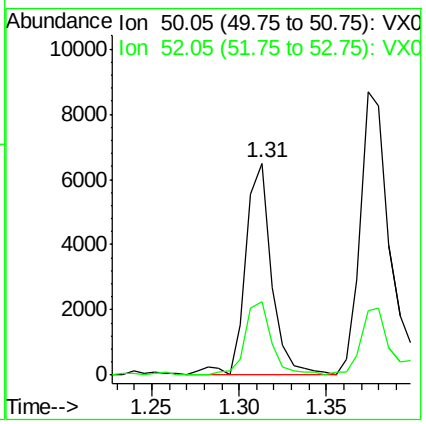


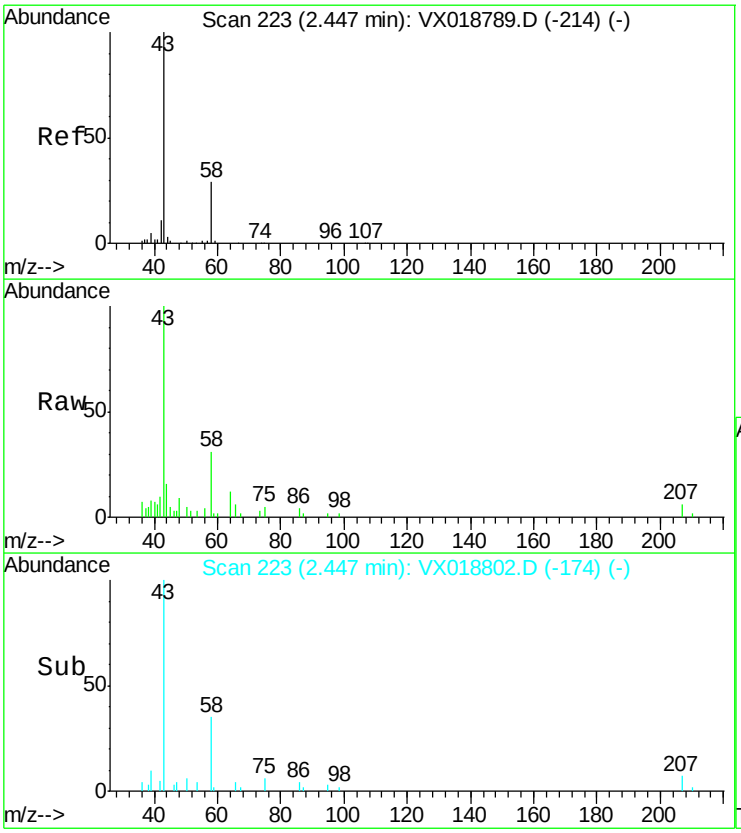
#3
Chloromethane
Concen: 0.940 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018802.D
Acq: 06 Oct 2020 16:23

Instrument :
MSVOA_X
ClientSampleId :
BFSA5

Tgt Ion: 50 Resp: 6782

Ion	Ratio	Lower	Upper
50	100		
52	34.7	23.4	43.6

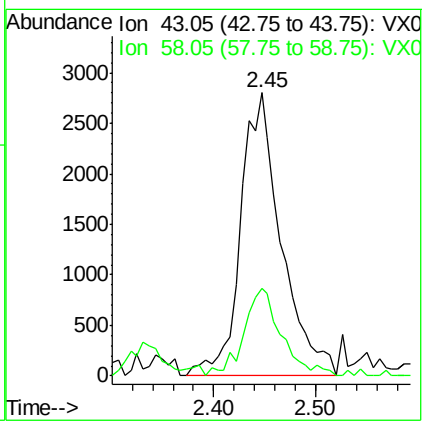


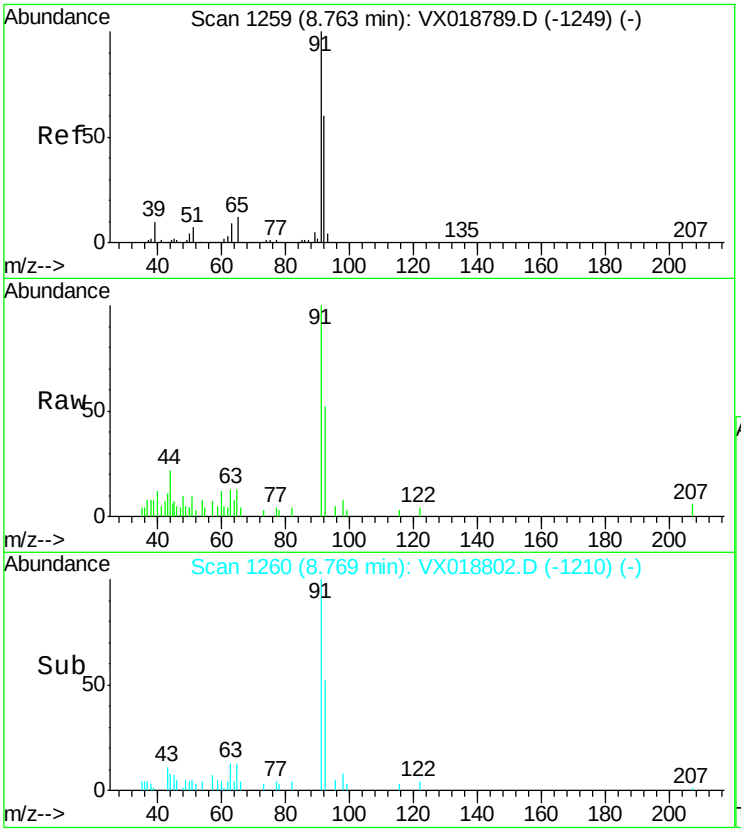


#13
Acetone
Concen: 6.229 ug/L
RT: 2.45 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX018802.D
Acq: 06 Oct 2020 16:23

Tgt Ion: 43 Resp: 7769

Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	56.4



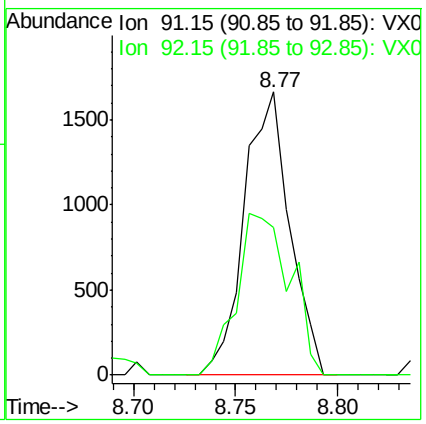


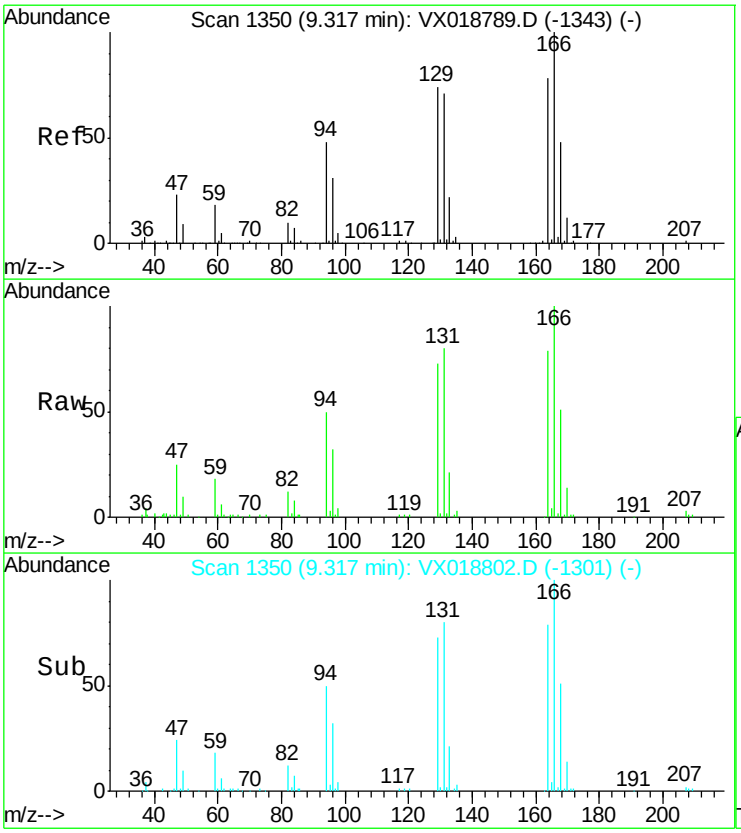
#42
Toluene
Concen: 0.080 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018802.D
Acq: 06 Oct 2020 16:23

Instrument :
MSVOA_X
ClientSampleId :
BFSA5

Tgt Ion: 91 Resp: 2584

Ion	Ratio	Lower	Upper
91	100		
92	52.1	40.3	74.9





#49
Tetrachloroethene
Concen: 1.831 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018802.D
Acq: 06 Oct 2020 16:23

Tgt Ion:164 Resp: 13865

Ion	Ratio	Lower	Upper
164	100		
129	92.7	68.7	127.5
131	101.2	65.3	121.3
166	126.6	88.5	164.4