Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018753.D
Acq On : 02 Oct 2020 17:28
Operator : JC/SP
Sample : L4171-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3Q1

Quant Time: Oct 03 07:08:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	206981	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	200339	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	104362	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	63047	5.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.20%			
7) Chloroethane-d5	1.70	69	50561	5.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.80%			
11) 1,1-Dichloroethene-d2	2.34	63	112948	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.80%			
20) 2-Butanone-d5	4.54	46	181323	57.17	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.34%			
24) Chloroform-d	5.14	84	153758	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	6.03	65	92178	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	6.05	84	268057	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
36) 1,2-Dichloropropane-d6	7.37	67	78163	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	8.70	98	258176	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
45) trans-1,3-Dichloropropene-	8.99	79	40076	5.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.40%			
48) 2-Hexanone-d5	9.43	63	148531	57.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.46%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	61490	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
65) 1,2-Dichlorobenzene-d4	12.36	152	105893	5.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.00%			
Target Compounds						Qvalue
13) Acetone	2.44	43	32997	19.058	ug/L	97
14) Carbon disulfide	2.55	76	12193	0.378	ug/L	99
19) 1,1-Dichloroethane	3.67	63	6875	0.350	ug/L #	92
21) 2-Butanone	4.65	43	13353	5.298	ug/L	87
30) Cyclohexane	5.54	56	2335	0.142	ug/L #	25
42) Toluene	8.77	91	206396	4.496	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	846	0.107	ug/L #	82
54) Ethylbenzene	10.24	91	11561	0.225	ug/L	96
55) m,p-xylene	10.34	106	9124	0.455	ug/L	85
56) o-xylene	10.68	106	7768	0.419	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	3423	0.211	ug/L #	85

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

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Instrument : MSVOA_X
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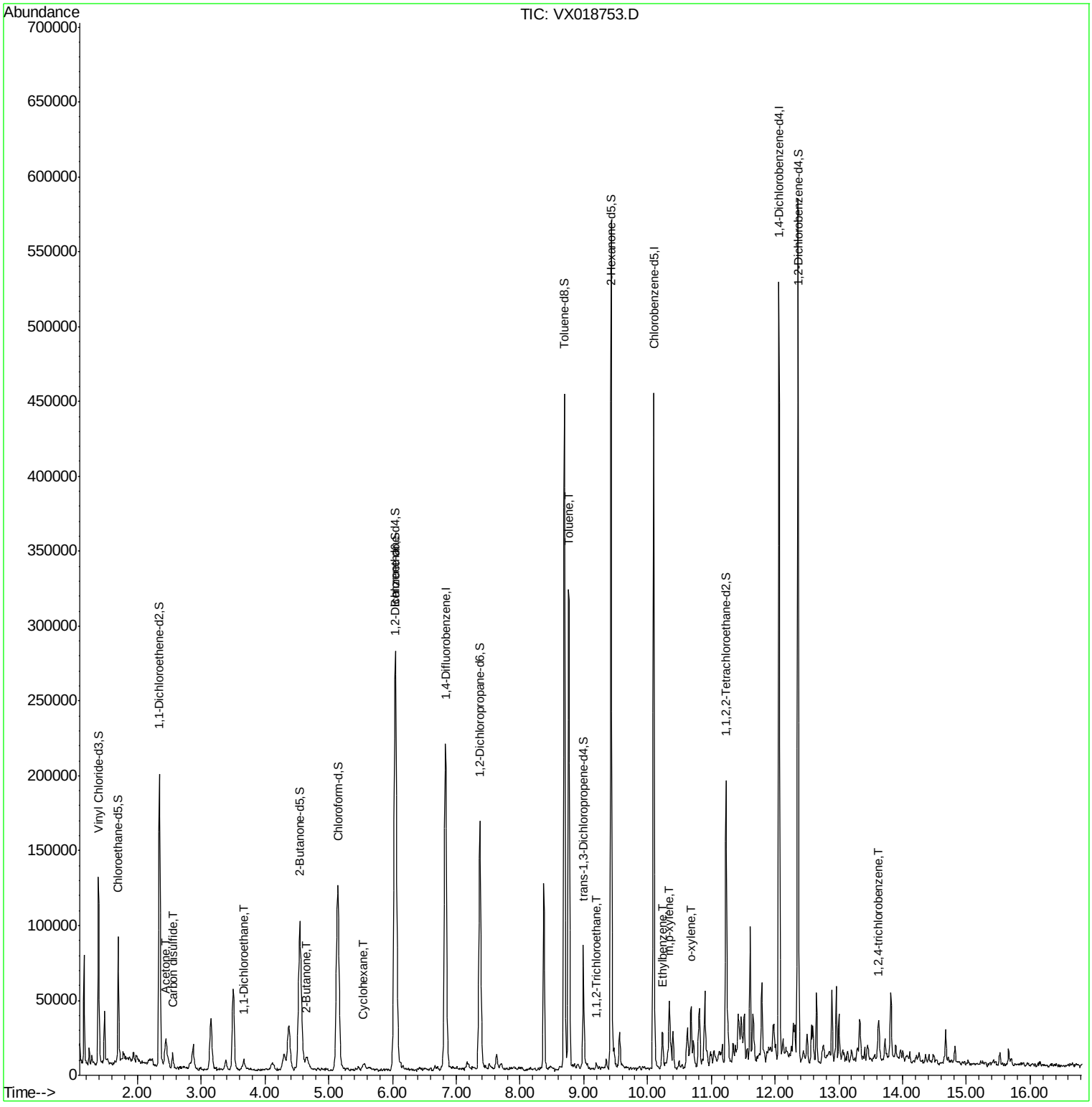
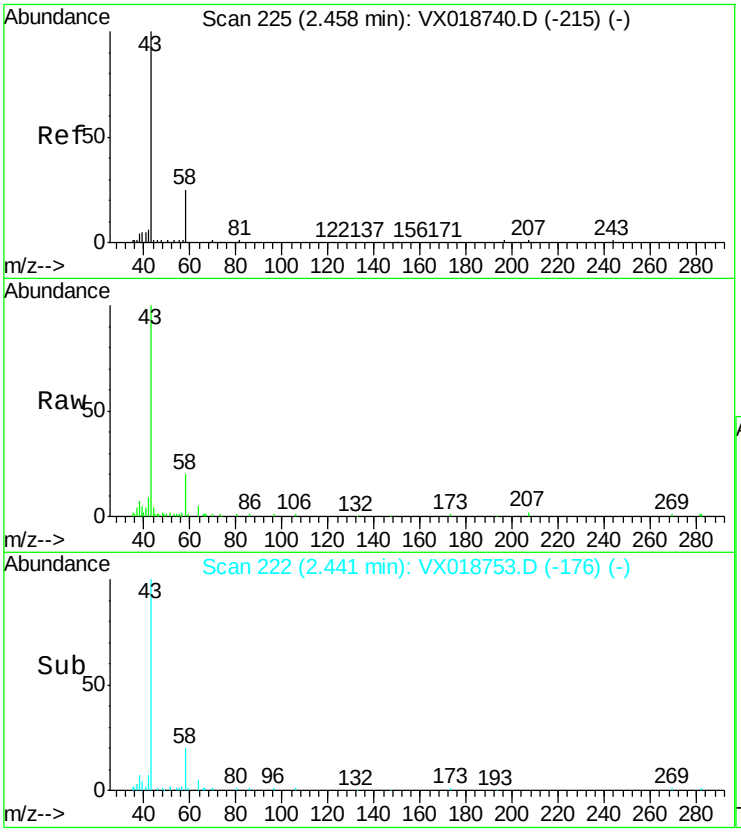
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 14:11:08 2020
Response via : Initial Calibration



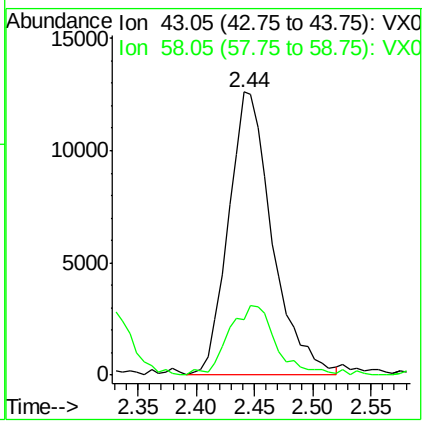


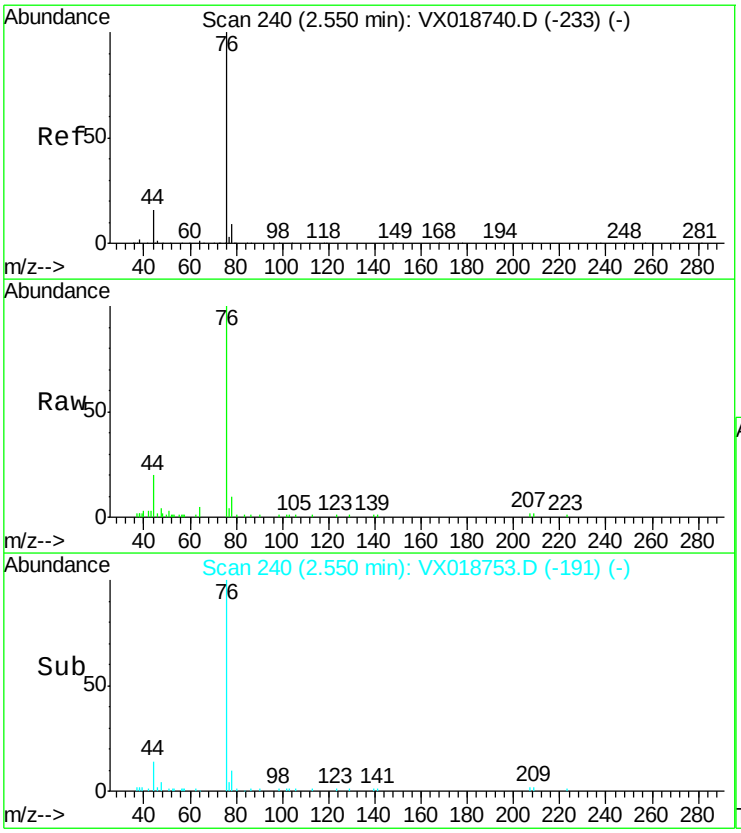
#13
Acetone
Concen: 19.058 ug/L
RT: 2.44 min Scan# 222
Delta R.T. -0.02 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Tgt Ion: 43 Resp: 32997

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	56.4

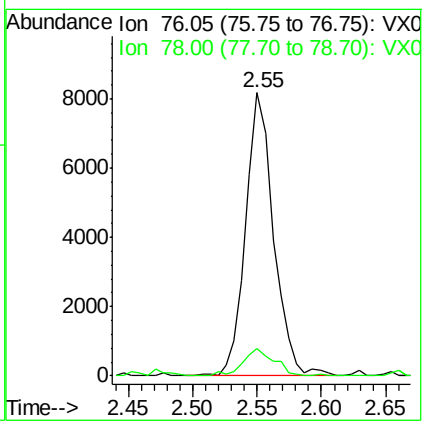


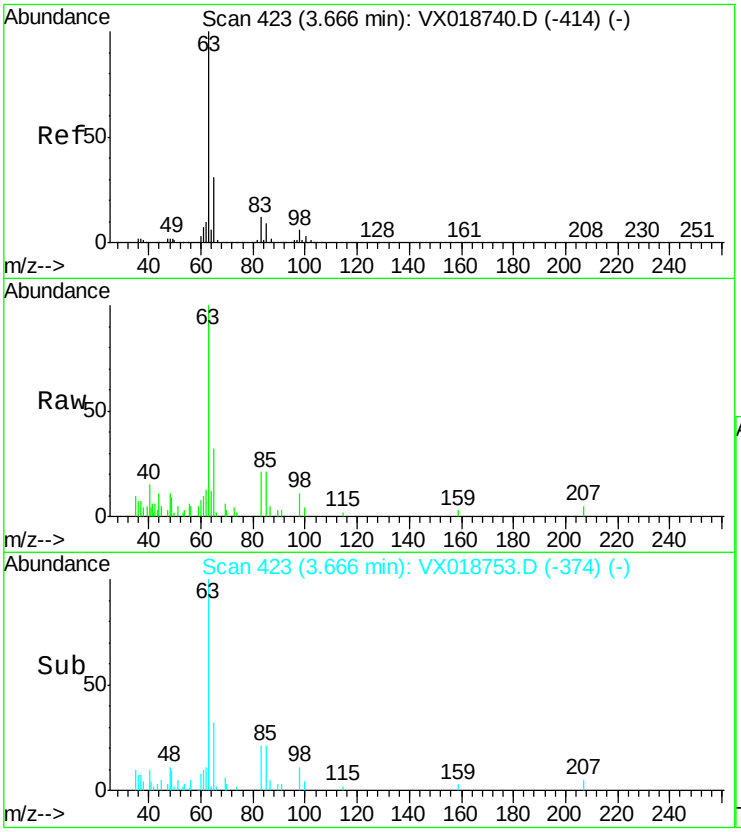


#14
Carbon disulfide
Concen: 0.378 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 76 Resp: 12193

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.2



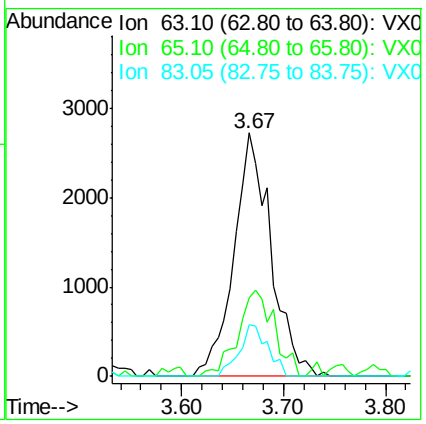


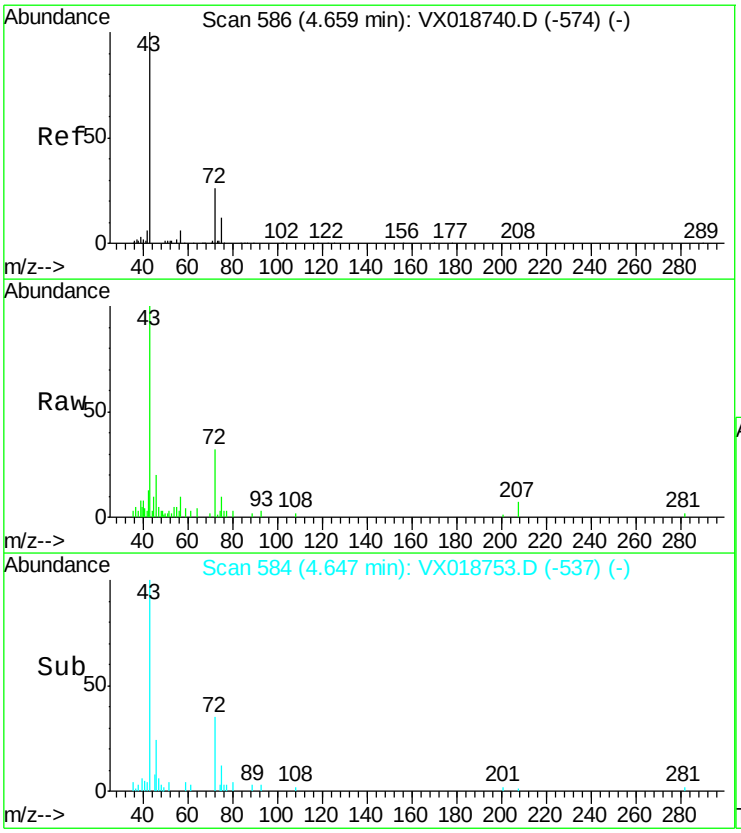
#19
1,1-Dichloroethane
Concen: 0.350 ug/L
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Tgt Ion: 63 Resp: 6875

Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.6	40.2
83	21.2	8.7	16.1#

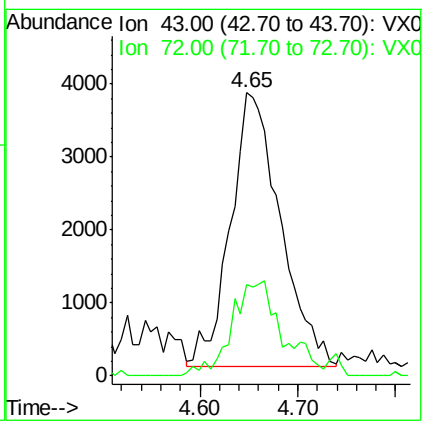


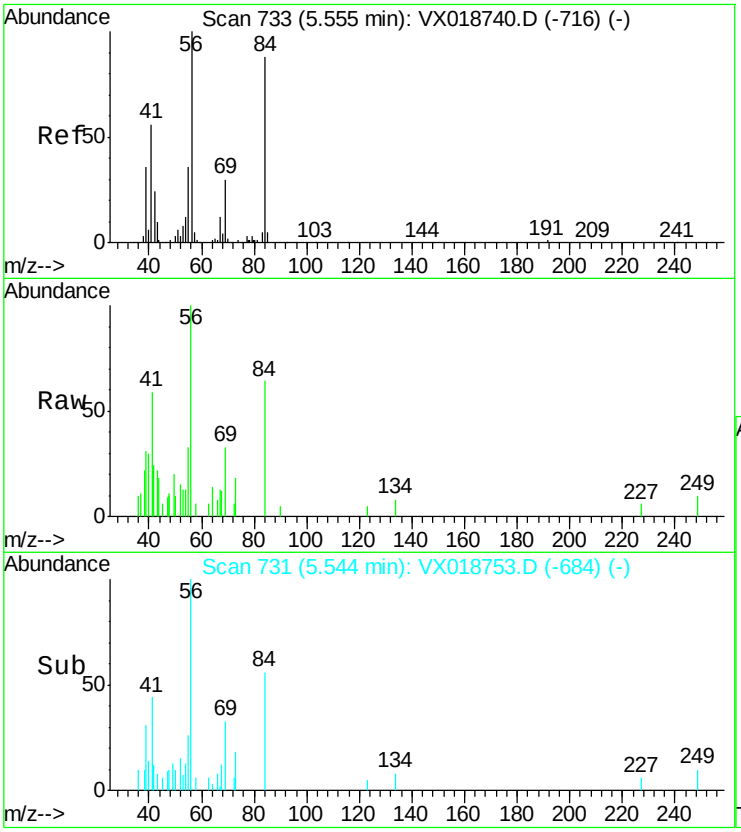


#21
2-Butanone
Concen: 5.298 ug/L
RT: 4.65 min Scan# 584
Delta R.T. -0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 43 Resp: 13353

Ion	Ratio	Lower	Upper
43	100		
72	31.3	12.4	37.2



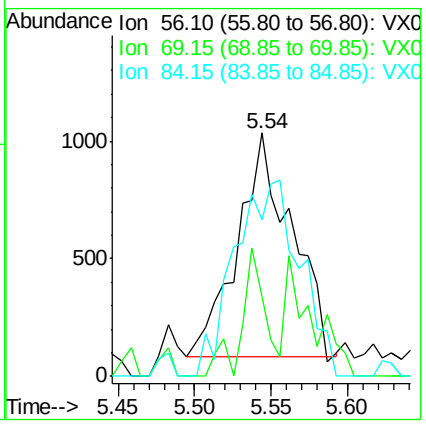


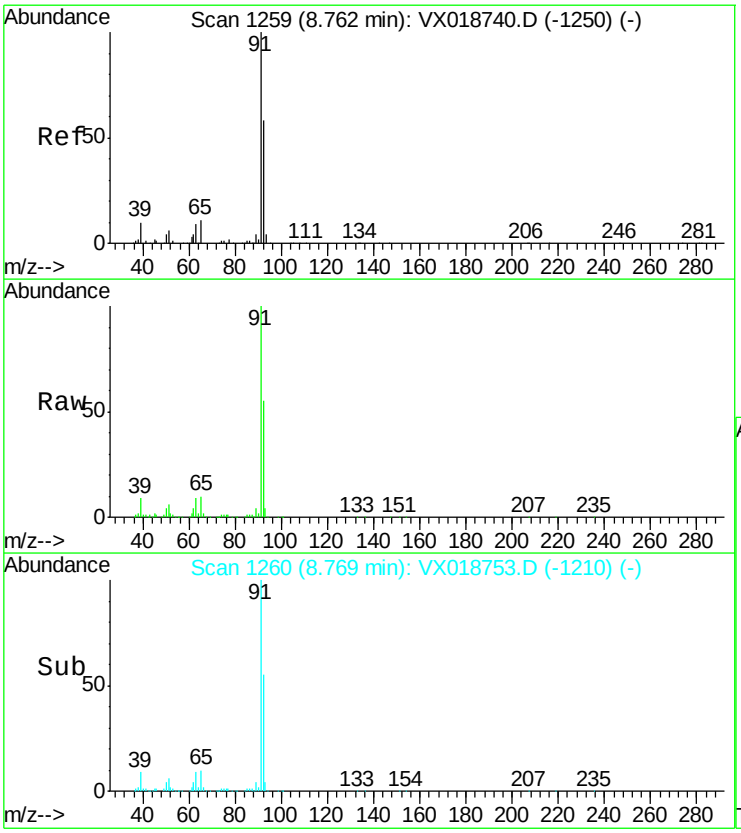
#30
Cyclohexane
Concen: 0.142 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument : MSVOA_X
ClientSampleId : BG3Q1

Tgt Ion: 56 Resp: 2335

Ion	Ratio	Lower	Upper
56	100		
69	25.0	26.0	39.0#
84	0.0	73.8	110.6#

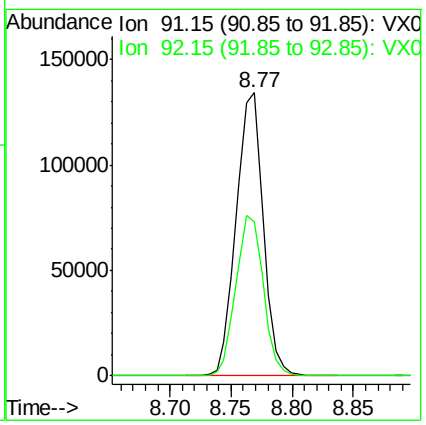


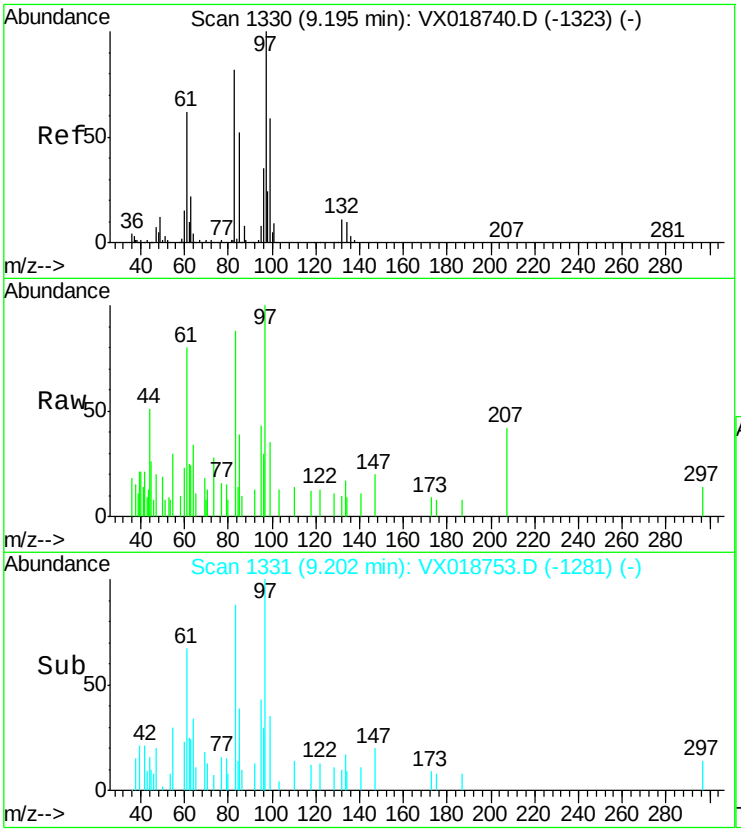


#42
Toluene
Concen: 4.496 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 91 Resp: 206396

Ion	Ratio	Lower	Upper
91	100		
92	54.7	40.3	74.9



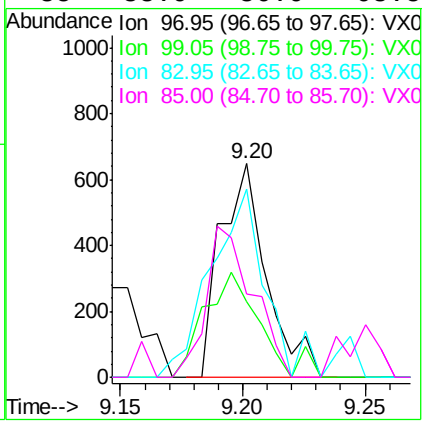


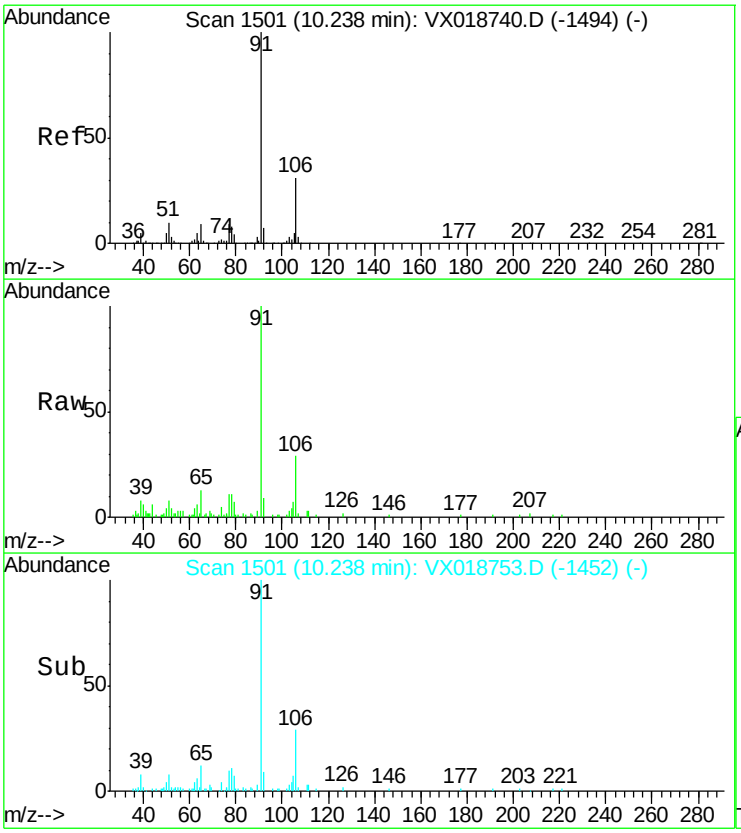
#47
1,1,2-Trichloroethane
Concen: 0.107 ug/L
RT: 9.20 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Tgt Ion: 97 Resp: 846

Ion	Ratio	Lower	Upper
97	100		
99	35.5	41.1	76.3#
83	88.1	57.5	106.7
85	38.9	36.9	68.5

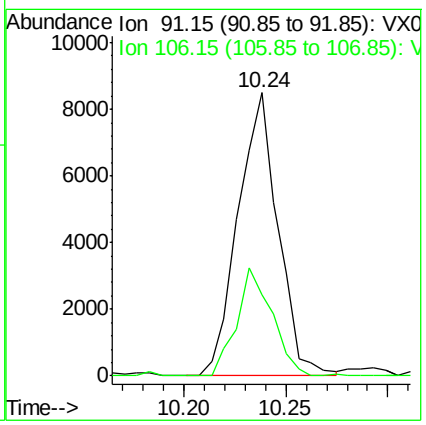


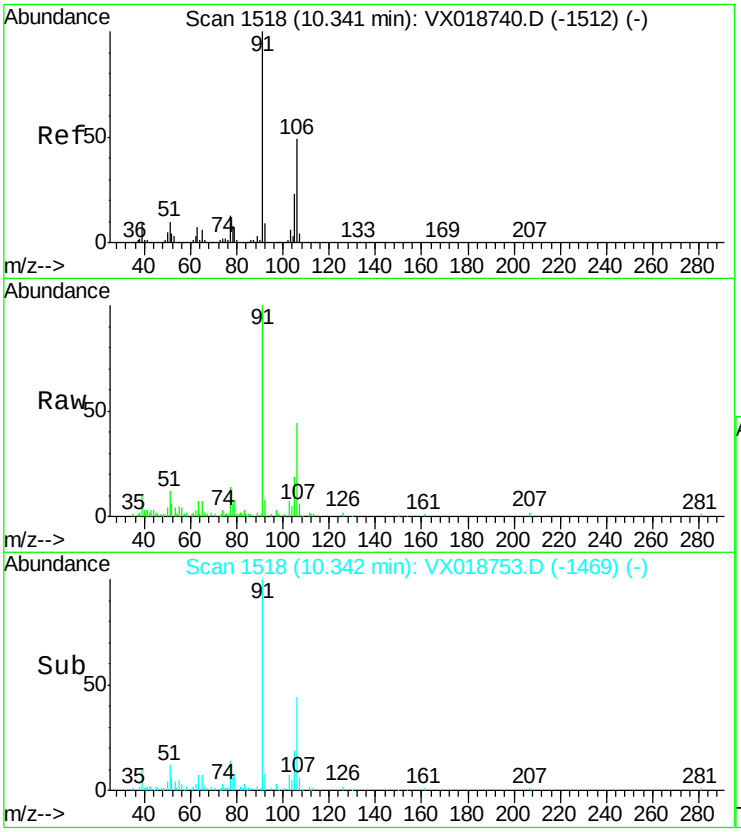


#54
Ethylbenzene
Concen: 0.225 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion: 91 Resp: 11561

Ion	Ratio	Lower	Upper
91	100		
106	28.7	21.5	39.9



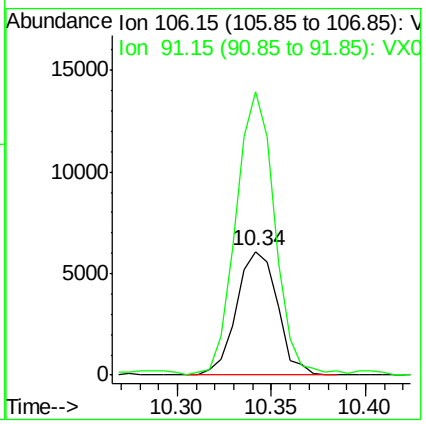


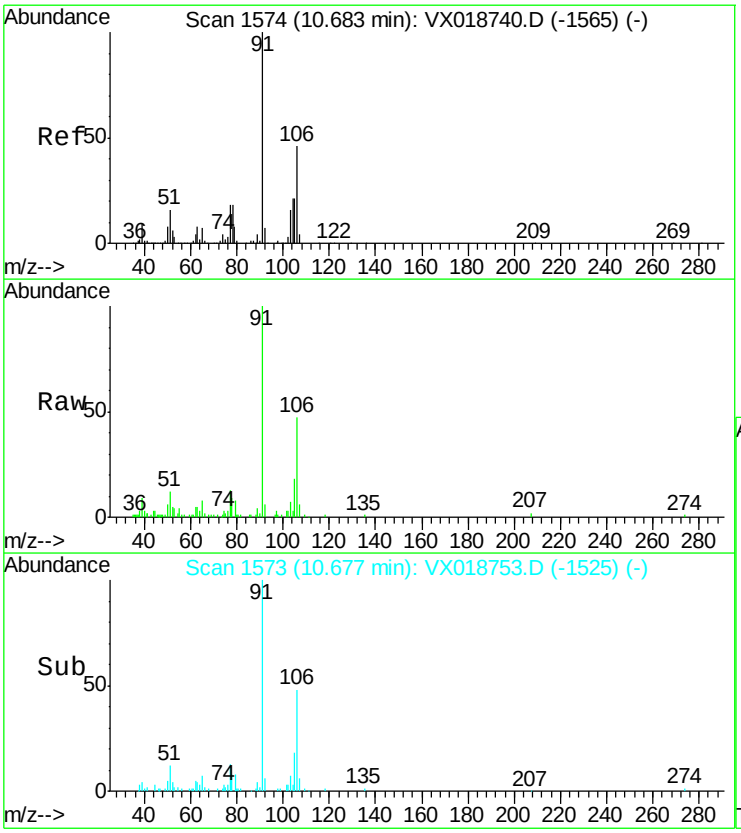
#55
m,p-xylene
Concen: 0.455 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Tgt Ion:106 Resp: 9124

Ion	Ratio	Lower	Upper
106	100		
91	228.5	143.4	266.2

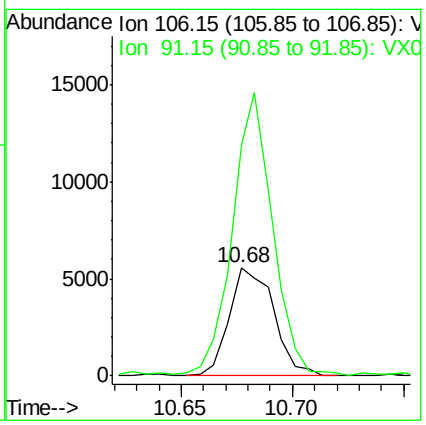


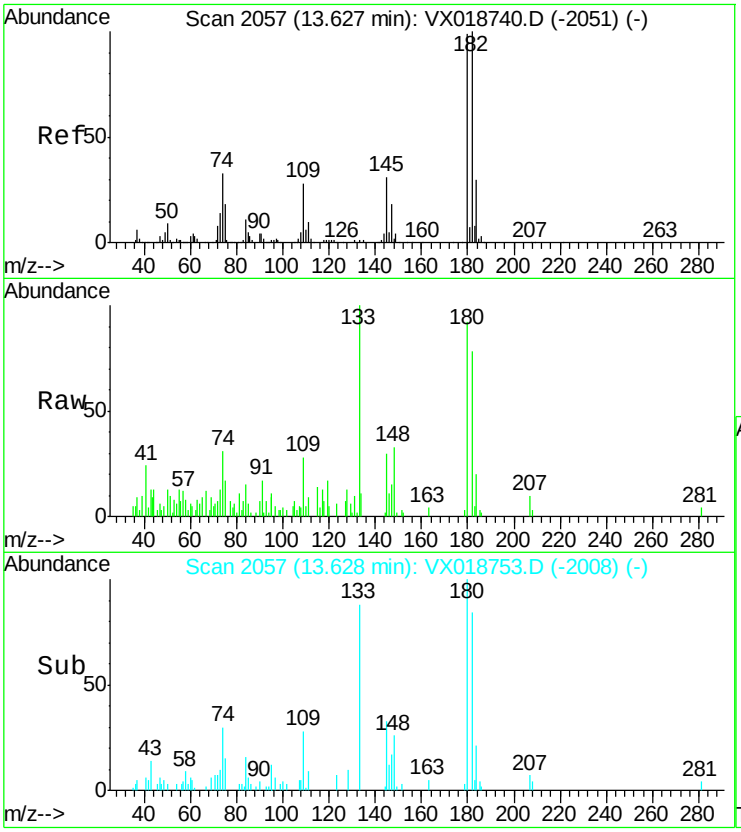


#56
o-xylene
Concen: 0.419 ug/L
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Tgt Ion:106 Resp: 7768

Ion	Ratio	Lower	Upper
106	100		
91	213.2	153.4	284.8





#69
1,2,4-trichlorobenzene
Concen: 0.211 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018753.D
Acq: 02 Oct 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Tgt Ion:180 Resp: 3423

Ion	Ratio	Lower	Upper
180	100		
182	99.1	80.2	120.4
145	63.1	25.2	37.8#