Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081220\
Data File : VX017862.D
Acq On : 12 Aug 2020 15:25
Operator : JC/SP
Sample : L3675-16
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAYB7

Quant Time: Aug 13 02:19:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 13 01:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	292445	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	279047	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	127360	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	100281	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	1.69	69	77074	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.34	63	142806	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	4.54	46	236677	44.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.20%			
24) Chloroform-d	5.14	84	167543	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.60%			
26) 1,2-Dichloroethane-d4	6.04	65	102523	4.55	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
32) Benzene-d6	6.05	84	346362	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	7.37	67	102852	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	8.70	98	303121	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
45) trans-1,3-Dichloropropene-	8.99	79	43492	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
48) 2-Hexanone-d5	9.43	63	210479	49.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.76%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	74551	4.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.80%			
65) 1,2-Dichlorobenzene-d4	12.36	152	118863	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
13) Acetone	2.42	43	52872	13.484	ug/L	99
15) Methyl Acetate	2.75	43	1973	0.171	ug/L	99
21) 2-Butanone	4.65	43	14276	2.108	ug/L	88
30) Cyclohexane	5.55	56	5777	0.145	ug/L	98
33) Benzene	6.12	78	62000	0.628	ug/L	100
35) Methylcyclohexane	7.45	83	7983	0.197	ug/L	95
42) Toluene	8.77	91	51579	0.481	ug/L	94
54) Ethylbenzene	10.24	91	18785	0.161	ug/L	96
55) m,p-xylene	10.34	106	8573	0.192	ug/L	95
56) o-xylene	10.68	106	3155	0.073	ug/L	73

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

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Instrument : MSVOA_X
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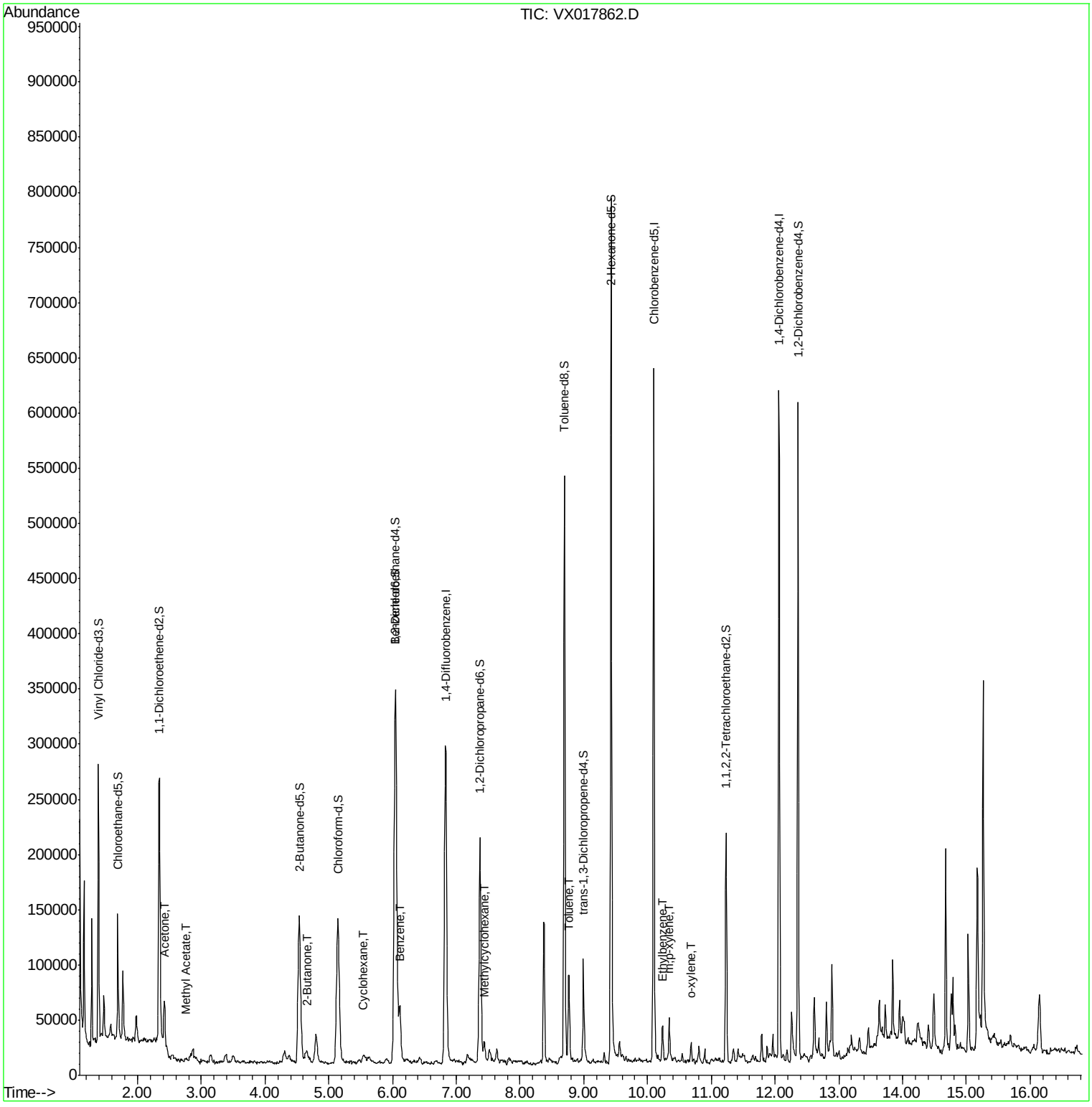
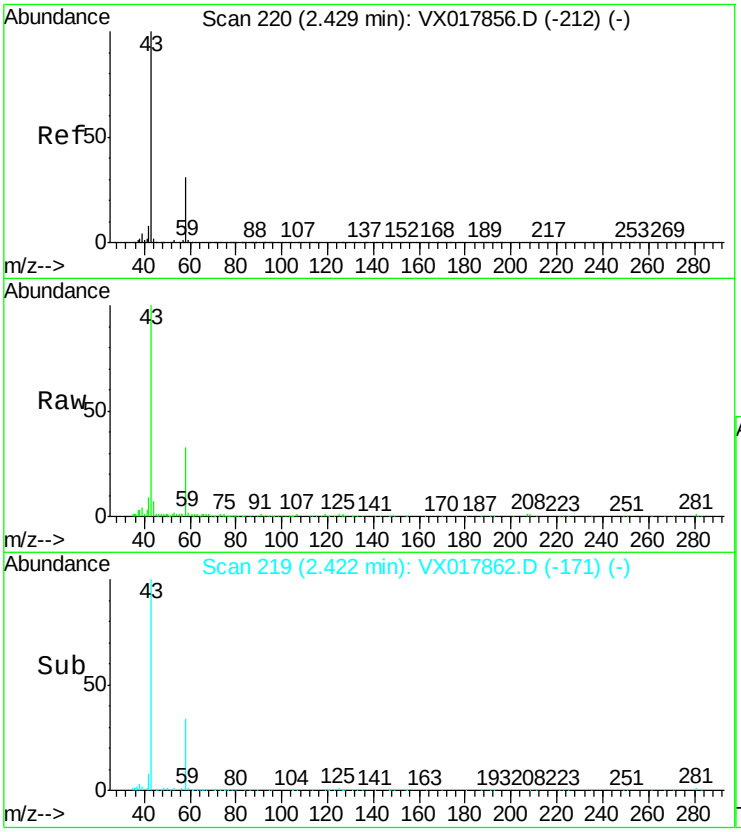
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 13 01:19:50 2020
Response via : Initial Calibration



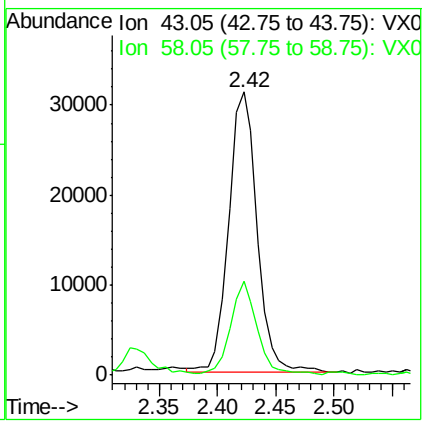


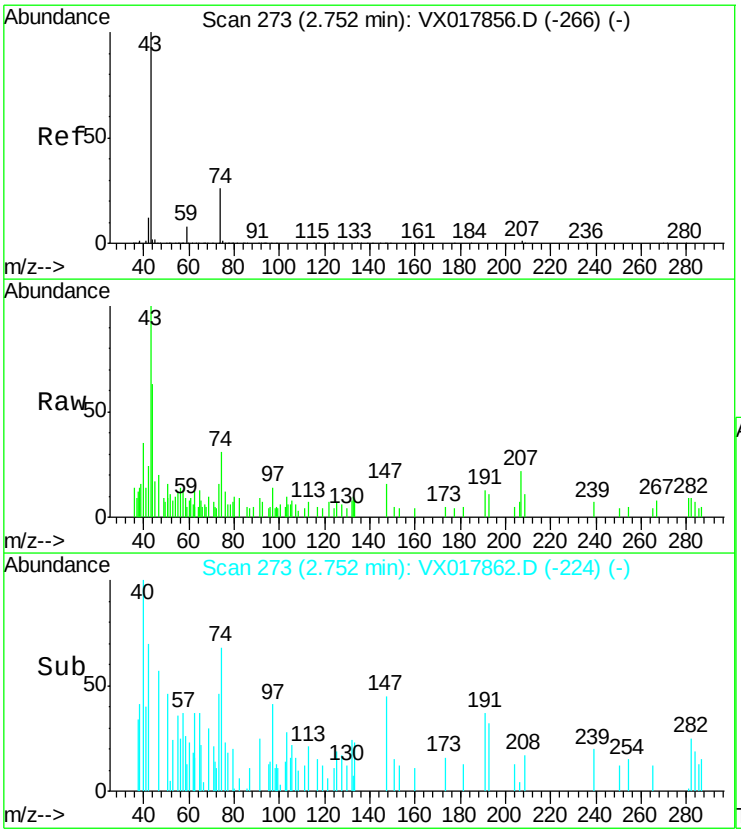
#13
Acetone
Concen: 13.484 ug/L
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
GAYB7

Tgt Ion: 43 Resp: 52872

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	60.8

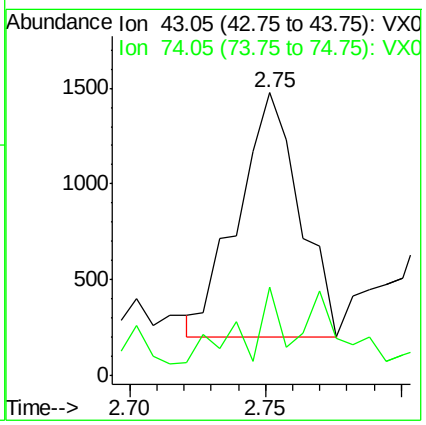


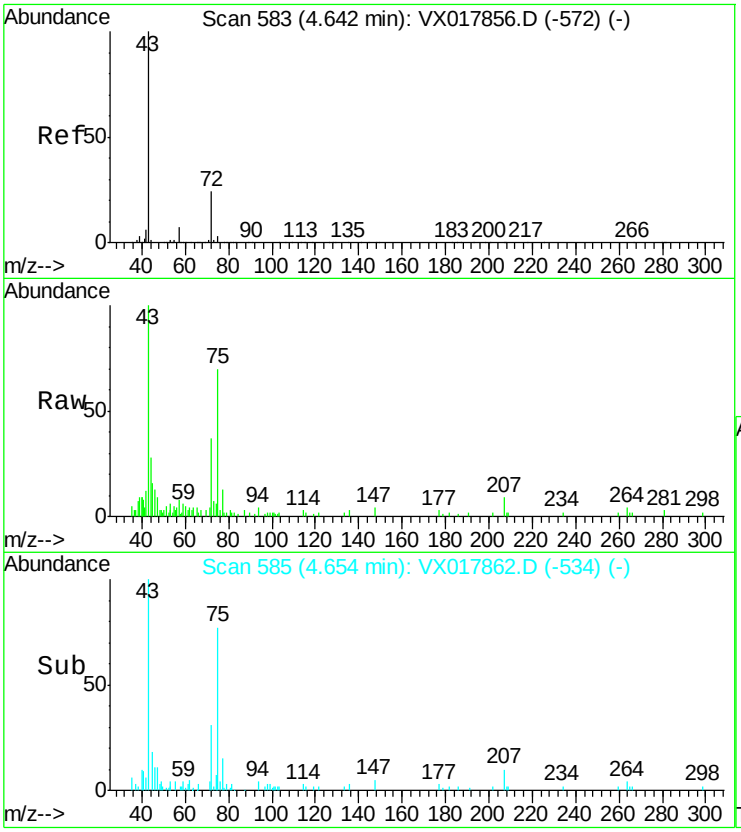


#15
Methyl Acetate
Concen: 0.171 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Tgt Ion: 43 Resp: 1973

Ion	Ratio	Lower	Upper
43	100		
74	26.0	20.4	30.6



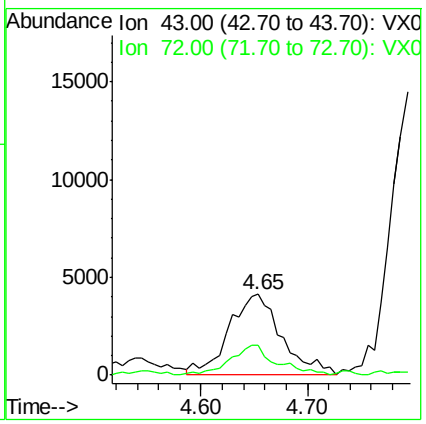


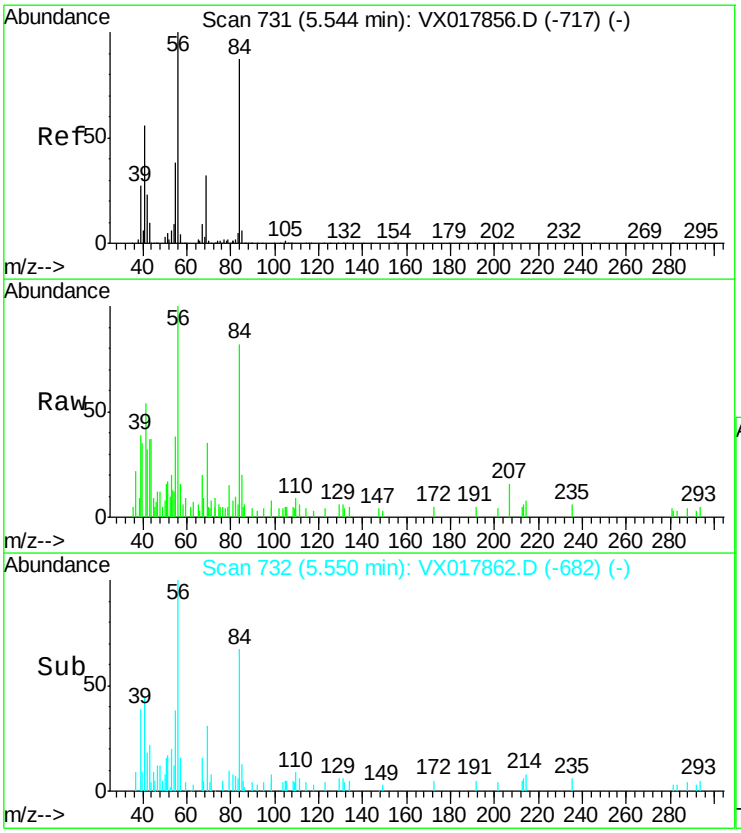
#21
2-Butanone
Concen: 2.108 ug/L
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
GAYB7

Tgt Ion: 43 Resp: 14276

Ion	Ratio	Lower	Upper
43	100		
72	32.4	13.2	39.6

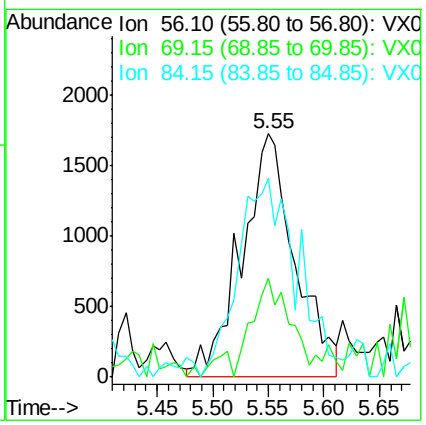


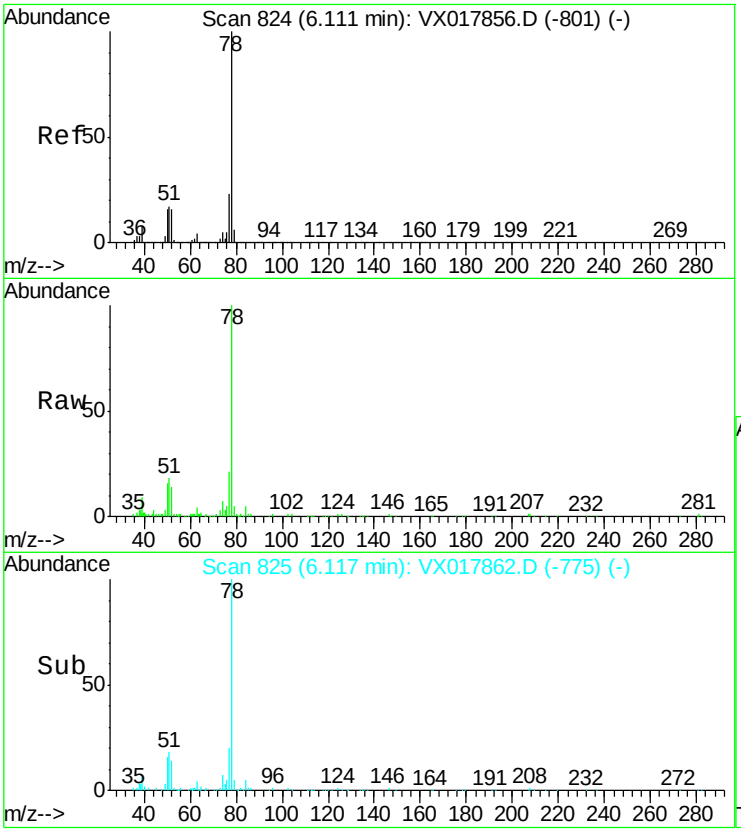


#30
Cyclohexane
Concen: 0.145 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Tgt Ion: 56 Resp: 5777

Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.1	37.7
84	90.7	70.7	106.1

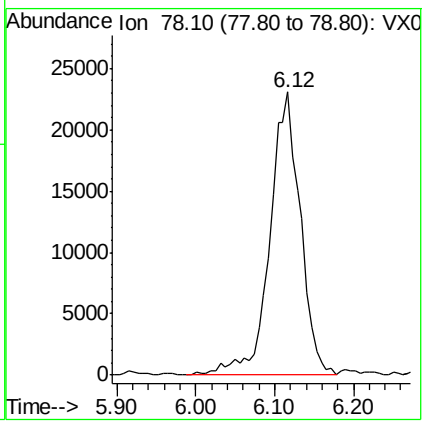


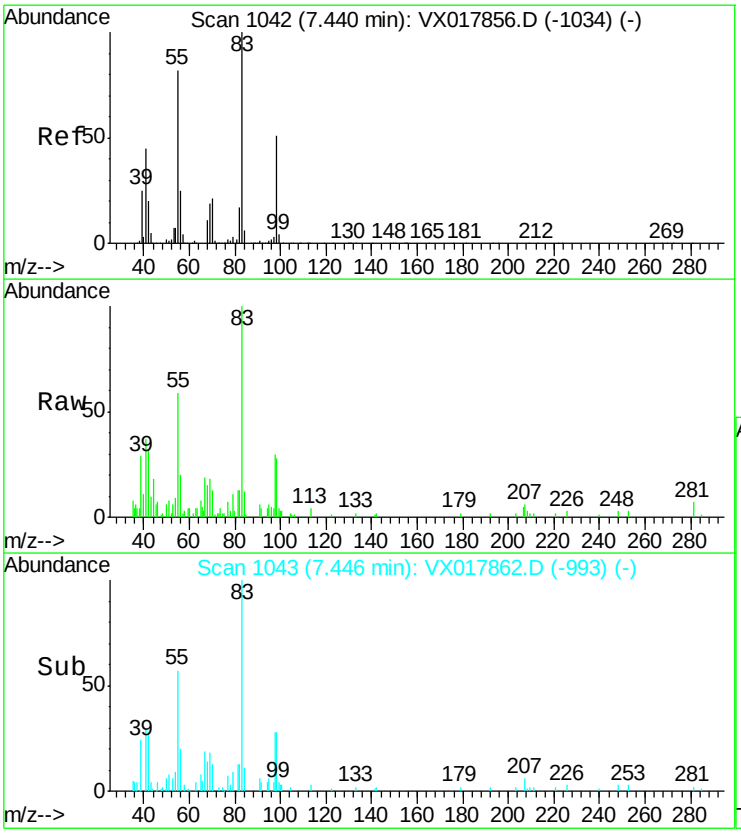


#33
Benzene
Concen: 0.628 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
GAYB7

Tgt Ion: 78 Resp: 62000

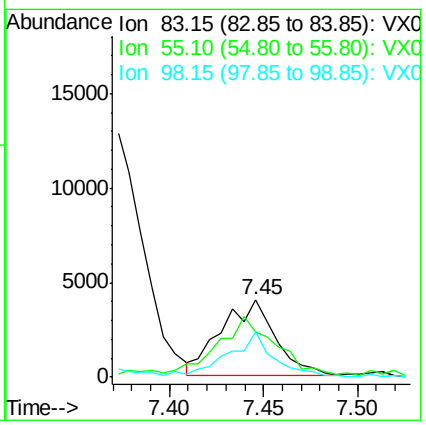


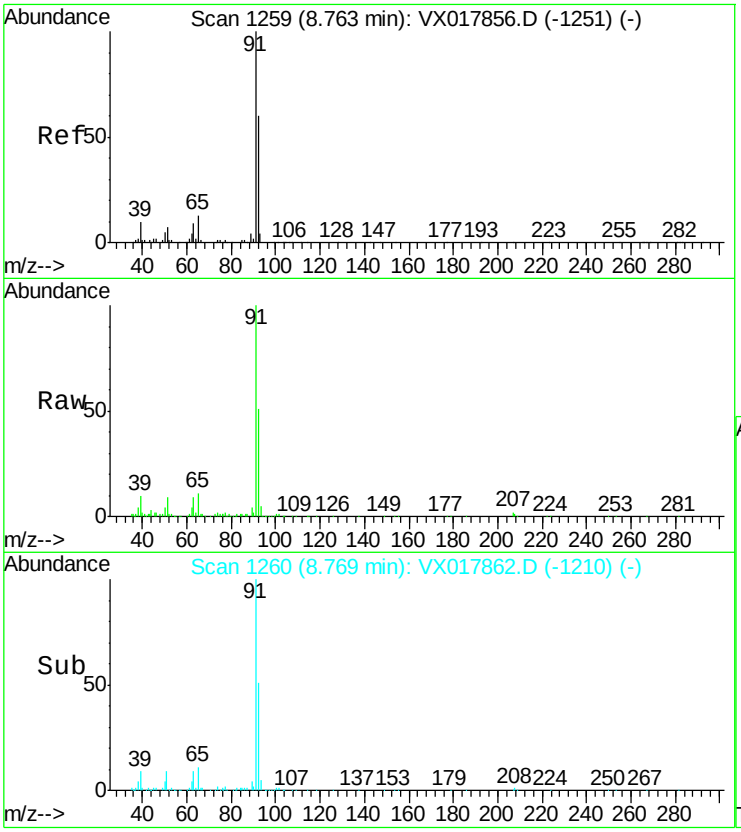


#35
Methylcyclohexane
Concen: 0.197 ug/L
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Tgt Ion: 83 Resp: 7983

Ion	Ratio	Lower	Upper
83	100		
55	82.2	62.4	93.6
98	51.2	38.0	57.0



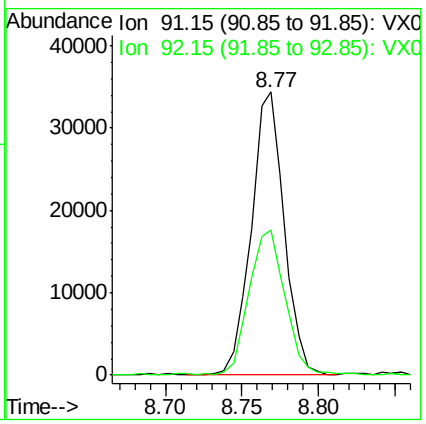


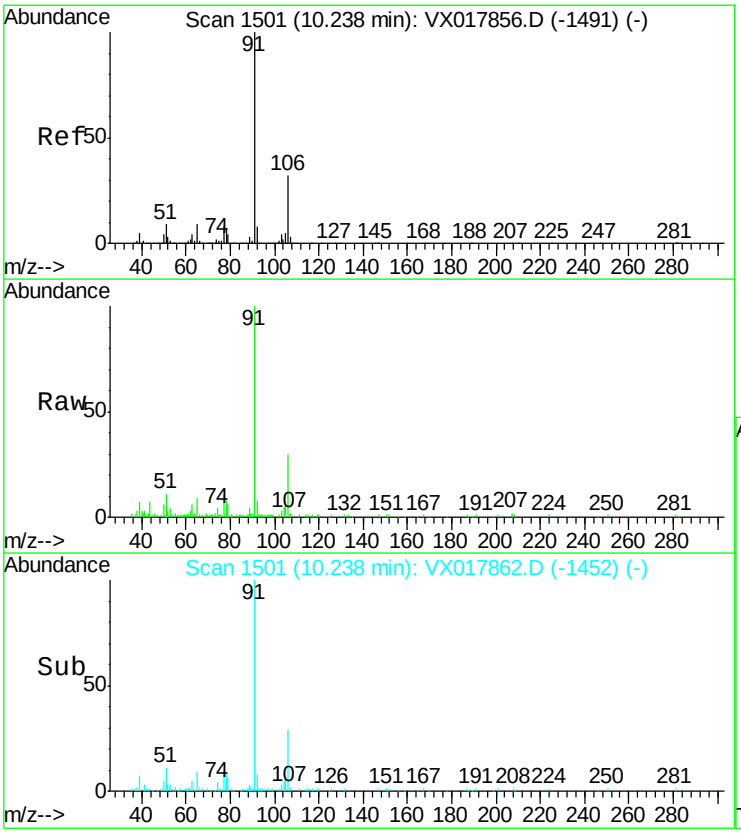
#42
Toluene
Concen: 0.481 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
GAYB7

Tgt Ion: 91 Resp: 51579

Ion	Ratio	Lower	Upper
91	100		
92	51.2	38.8	72.0

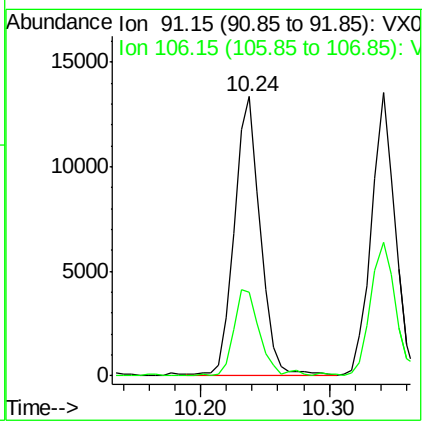


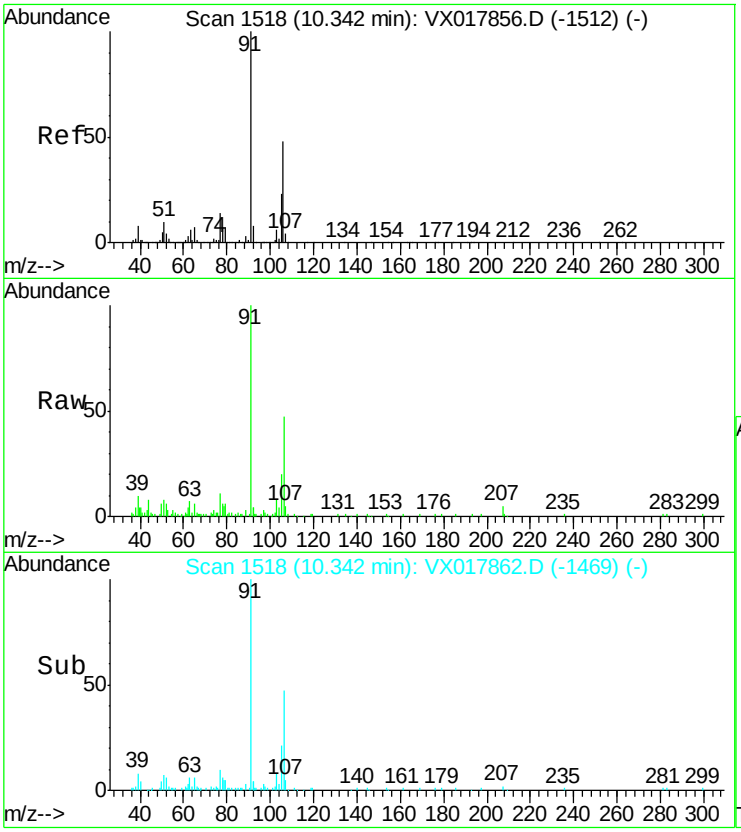


#54
Ethylbenzene
Concen: 0.161 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Tgt Ion: 91 Resp: 18785

Ion	Ratio	Lower	Upper
91	100		
106	29.9	22.5	41.9



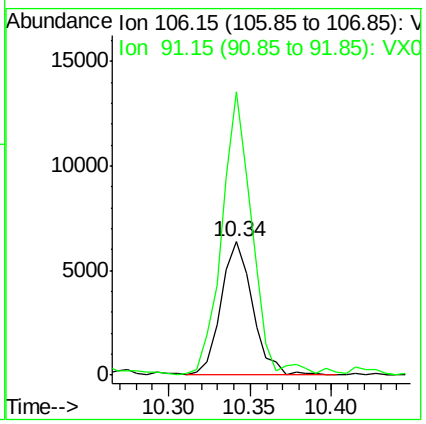


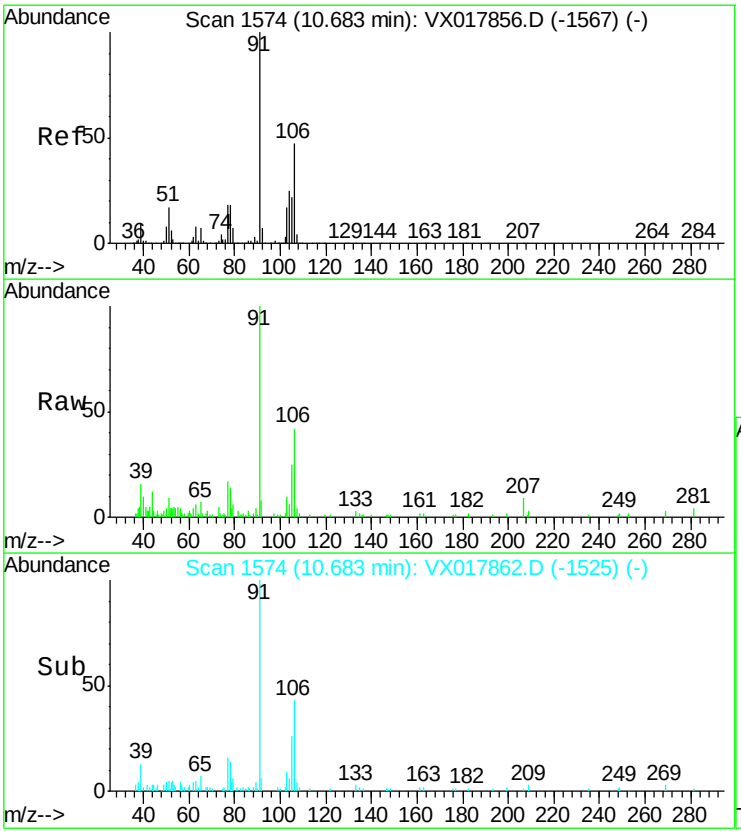
#55
m,p-xylene
Concen: 0.192 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Instrument :
MSVOA_X
ClientSampleId :
GAYB7

Tgt Ion:106 Resp: 8573

Ion	Ratio	Lower	Upper
106	100		
91	212.6	143.3	266.1





#56
o-xylene
Concen: 0.073 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017862.D
Acq: 12 Aug 2020 15:25

Tgt Ion:106 Resp: 3155

Ion	Ratio	Lower	Upper
106	100		
91	256.9	149.8	278.2