Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\

Quantitation Report (Not Reviewed)

Data File : VX018714.D
Acq On : 30 Sep 2020 22:02
Operator : JC/SP
Sample : L4208-04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0E3

Quant Time: Oct 01 02:43:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	192433	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	192427	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	87945	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	38059	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.70	69	36377	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%			
11) 1,1-Dichloroethene-d2	2.34	63	70731	3.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.60%			
20) 2-Butanone-d5	4.55	46	147115	57.29	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.58%			
24) Chloroform-d	5.14	84	120052	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	6.03	65	69437	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	6.05	84	194543	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
36) 1,2-Dichloropropane-d6	7.37	67	62186	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	8.70	98	167509	3.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.80%			
45) trans-1,3-Dichloropropene-	8.99	79	25631	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
48) 2-Hexanone-d5	9.43	63	108868	50.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.00%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	51492	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
65) 1,2-Dichlorobenzene-d4	12.36	152	71362	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	1202	0.121	ug/L #	44
12) 1,1-Dichloroethene	2.34	96	1038	0.110	ug/L #	1
13) Acetone	2.45	43	5300	3.729	ug/L	74
14) Carbon disulfide	2.56	76	12460	0.436	ug/L	96
15) Methyl Acetate	2.77	43	500	0.127	ug/L #	28
18) trans-1,2-Dichloroethene	3.14	96	1164	0.124	ug/L #	58
22) cis-1,2-Dichloroethene	4.56	96	120627	12.311	ug/L #	96
35) Methylcyclohexane	7.37	83	17565	1.176	ug/L #	16
42) Toluene	8.77	91	3749	0.094	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	2975	0.085	ug/L	97
54) Ethylbenzene	10.23	91	3829	0.088	ug/L	94
55) m,p-xylene	10.34	106	2874	0.172	ug/L	81
56) o-xylene	10.68	106	1432	0.091	ug/L #	49
57) Styrene	10.70	104	1894	0.073	ug/L	82

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

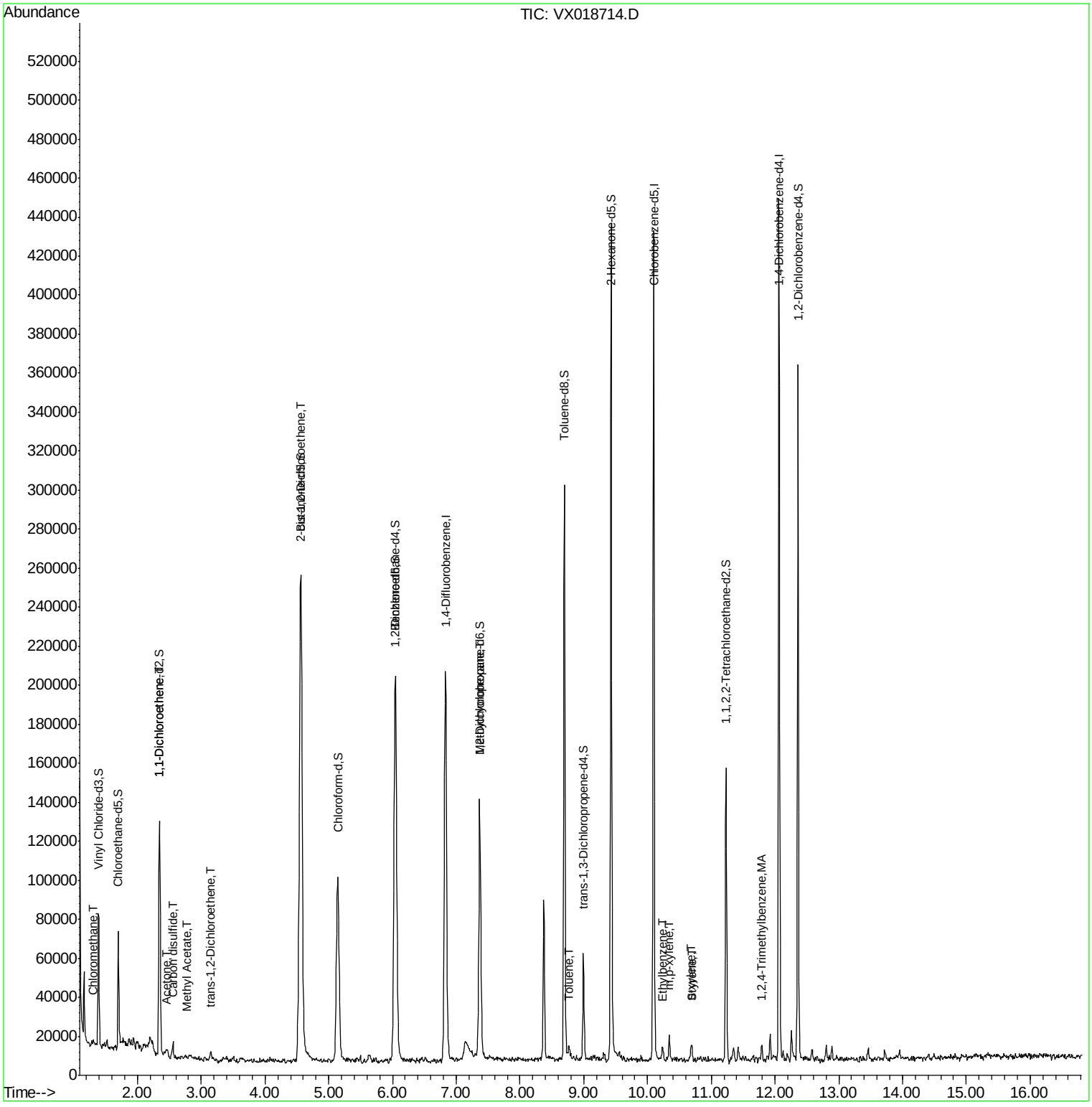
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\

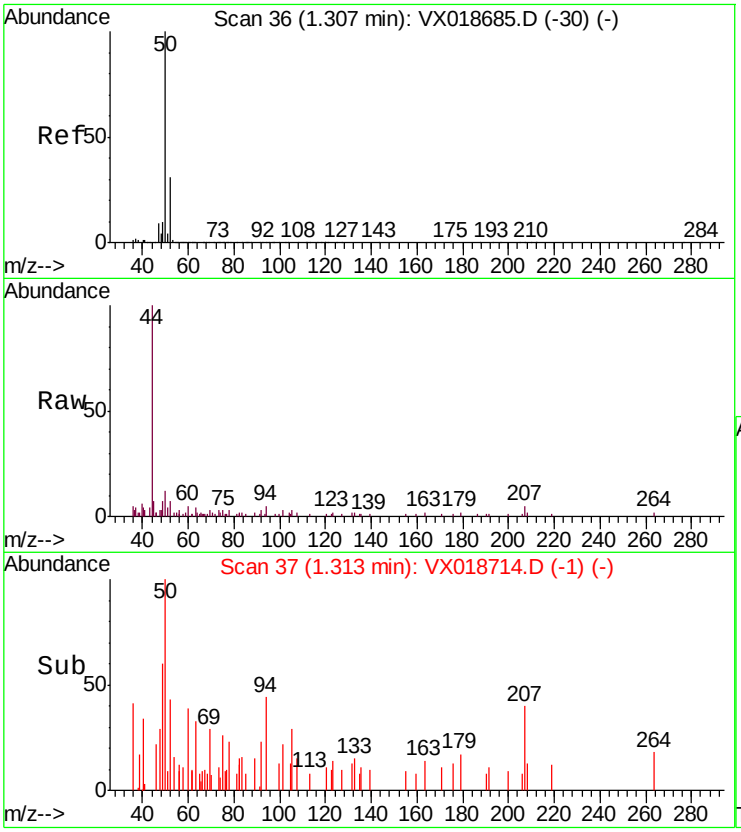
Quantitation Report (Not Reviewed)

Data File : VX018714.D
Acq On : 30 Sep 2020 22:02
Operator : JC/SP
Sample : L4208-04
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0E3

Quant Time: Oct 01 02:43:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration



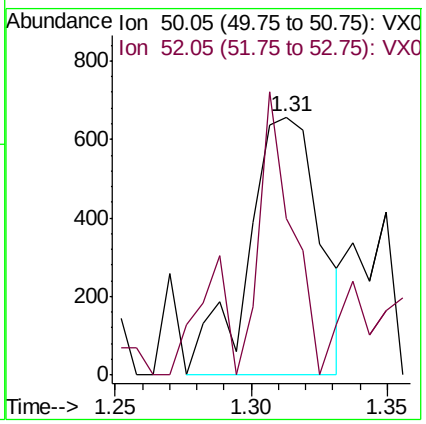


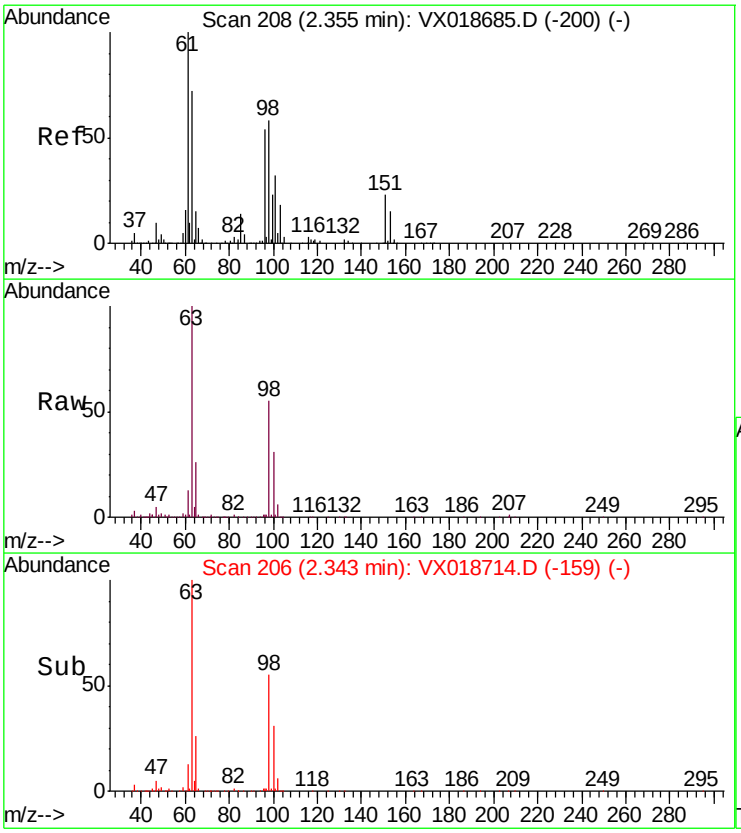
#3
Chloromethane
Concen: 0.121 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.01 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
BG0E3

Tgt Ion: 50 Resp: 1202

Ion	Ratio	Lower	Upper
50	100		
52	60.7	21.2	39.4#

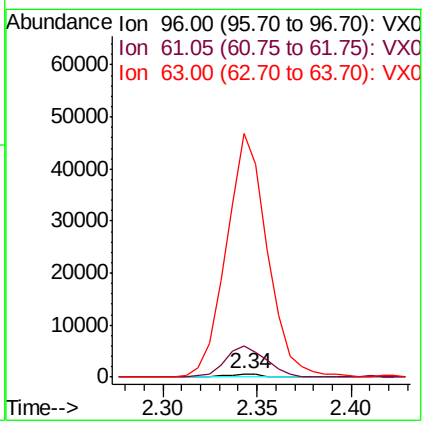


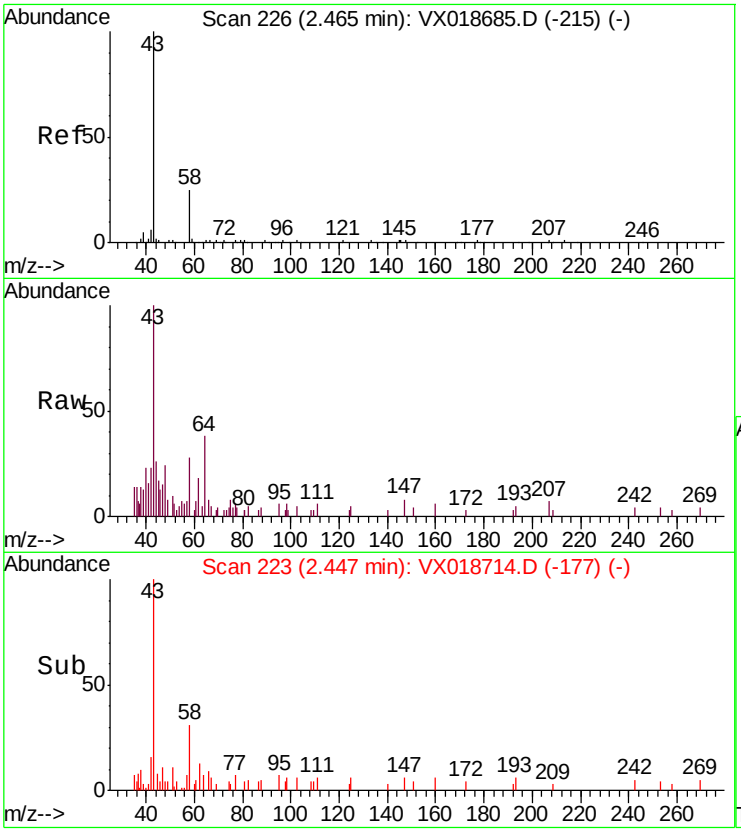


#12
1,1-Dichloroethene
Concen: 0.110 ug/L
RT: 2.34 min Scan# 206
Delta R.T. -0.01 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Tgt Ion: 96 Resp: 1038

Ion	Ratio	Lower	Upper
96	100		
61	958.5	123.8	229.8#
63	7611.1	104.7	194.4#



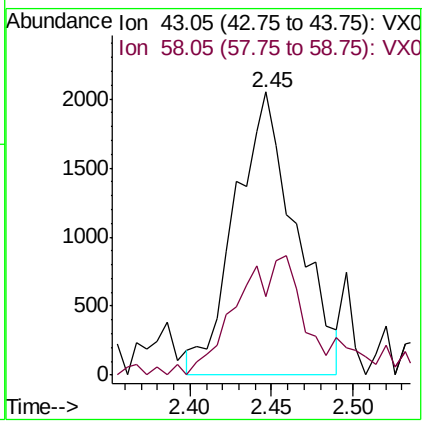


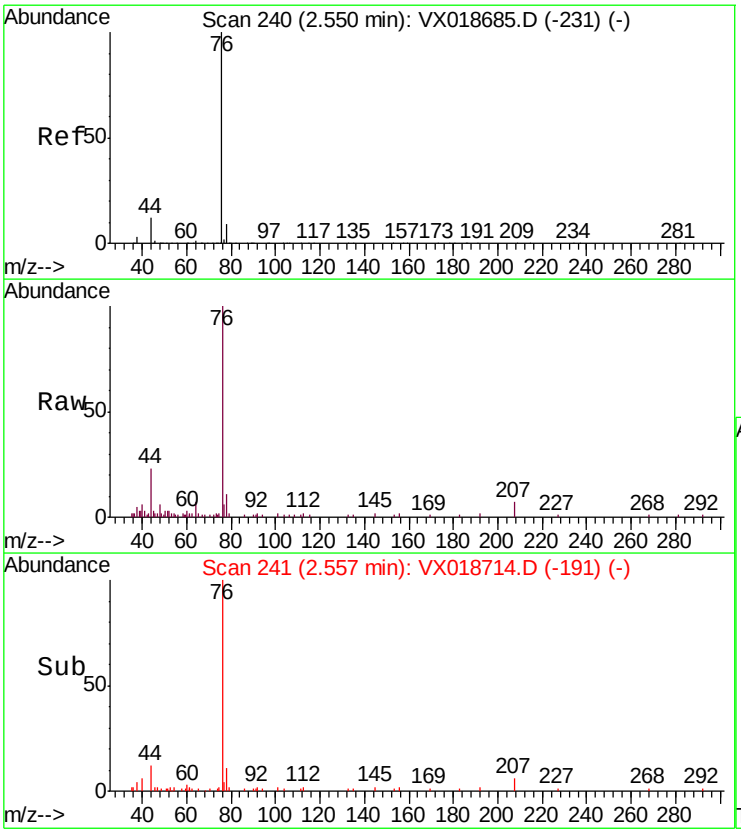
#13
Acetone
Concen: 3.729 ug/L
RT: 2.45 min Scan# 223
Delta R.T. -0.02 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
BG0E3

Tgt Ion: 43 Resp: 5300

Ion	Ratio	Lower	Upper
43	100		
58	45.2	0.0	61.6

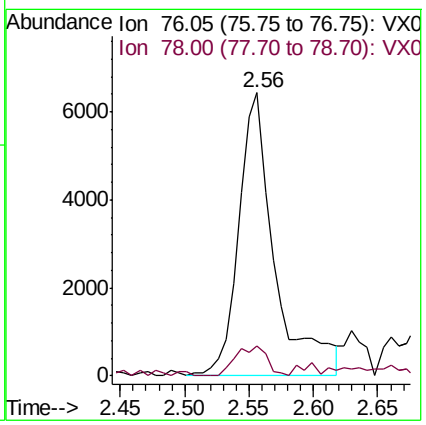


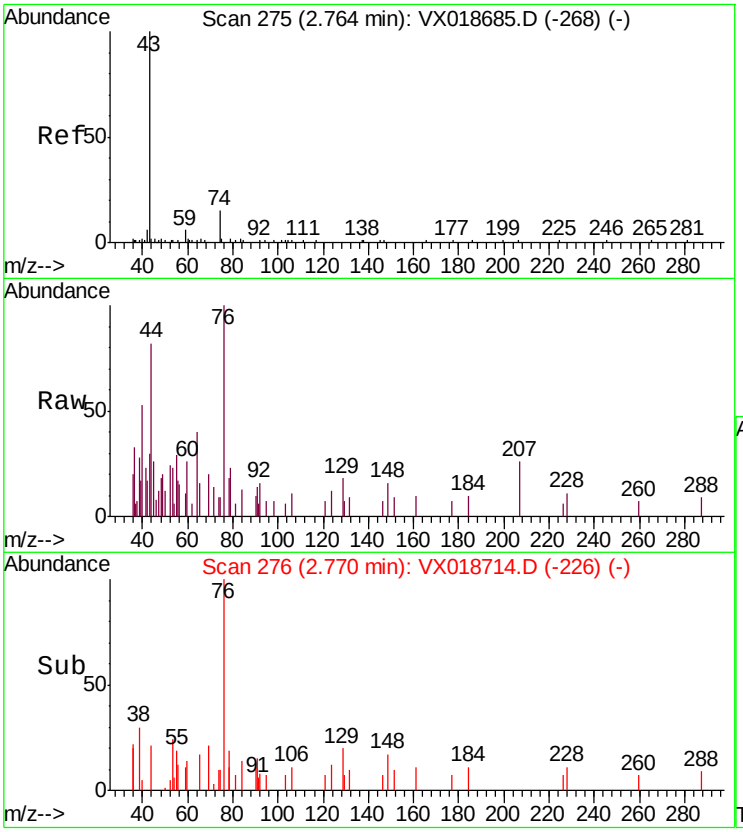


#14
Carbon disulfide
Concen: 0.436 ug/L
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Tgt Ion: 76 Resp: 12460

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.4	11.0



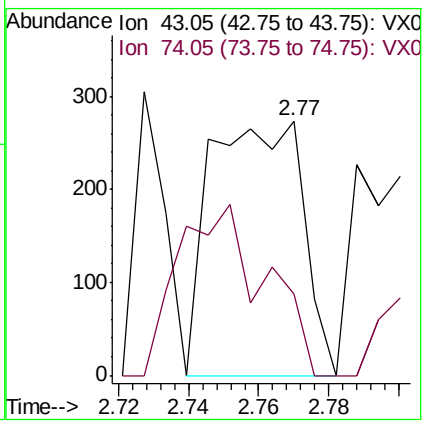


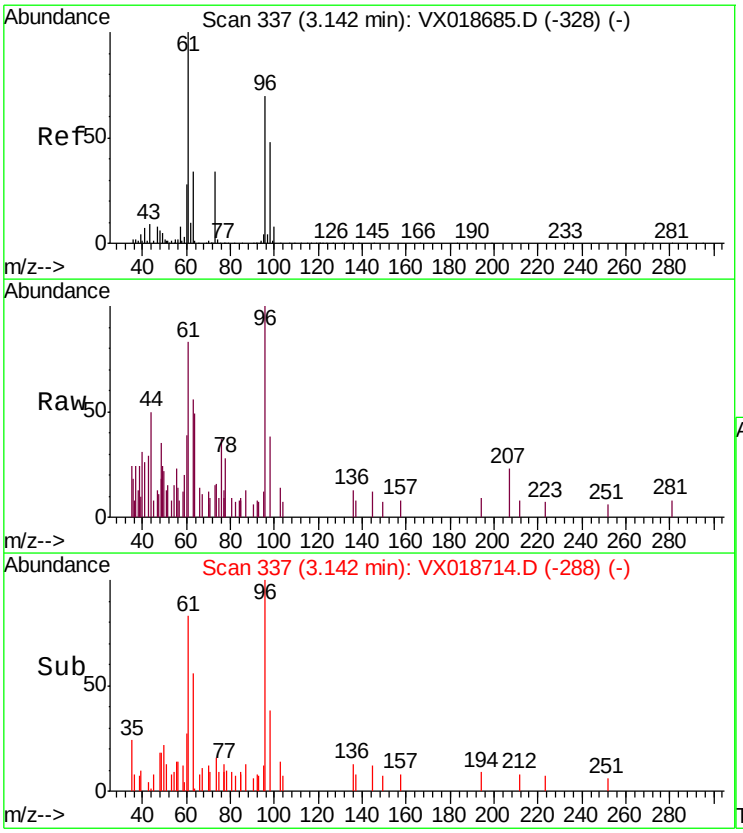
#15
Methyl Acetate
Concen: 0.127 ug/L
RT: 2.77 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Instrument : MSVOA_X
ClientSampleId : BG0E3

Tgt Ion: 43 Resp: 500

Ion	Ratio	Lower	Upper
43	100		
74	63.6	21.2	31.8#

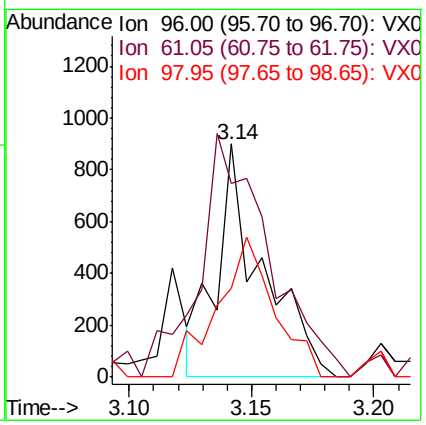


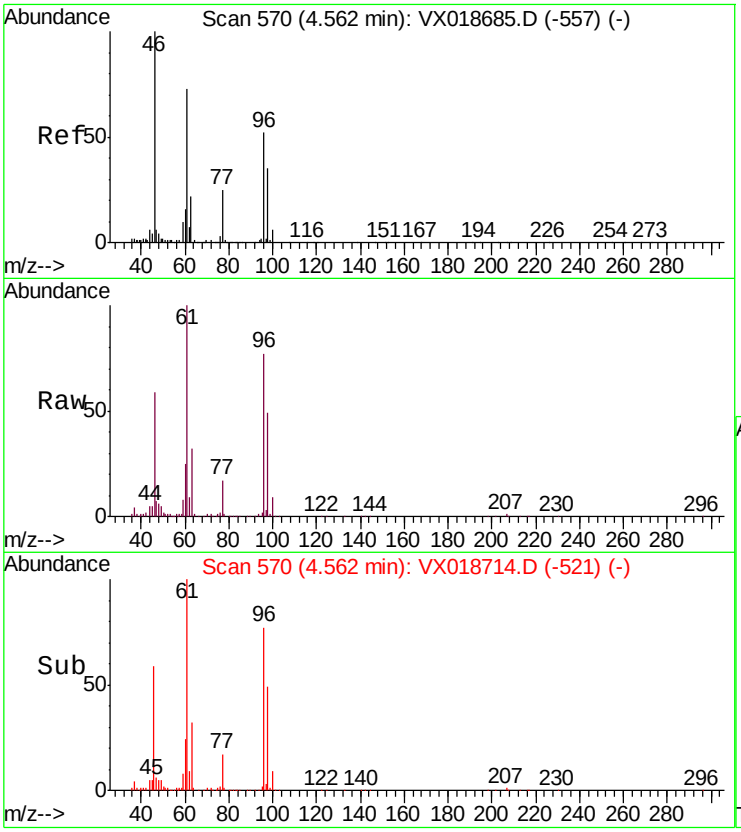


#18
trans-1,2-Dichloroethene
Concen: 0.124 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Tgt Ion: 96 Resp: 1164

Ion	Ratio	Lower	Upper
96	100		
61	83.4	97.3	180.7#
98	38.3	46.6	86.6#



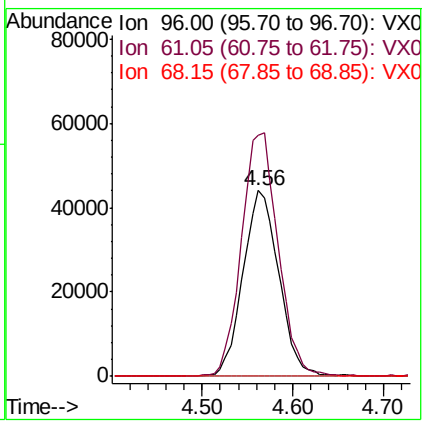


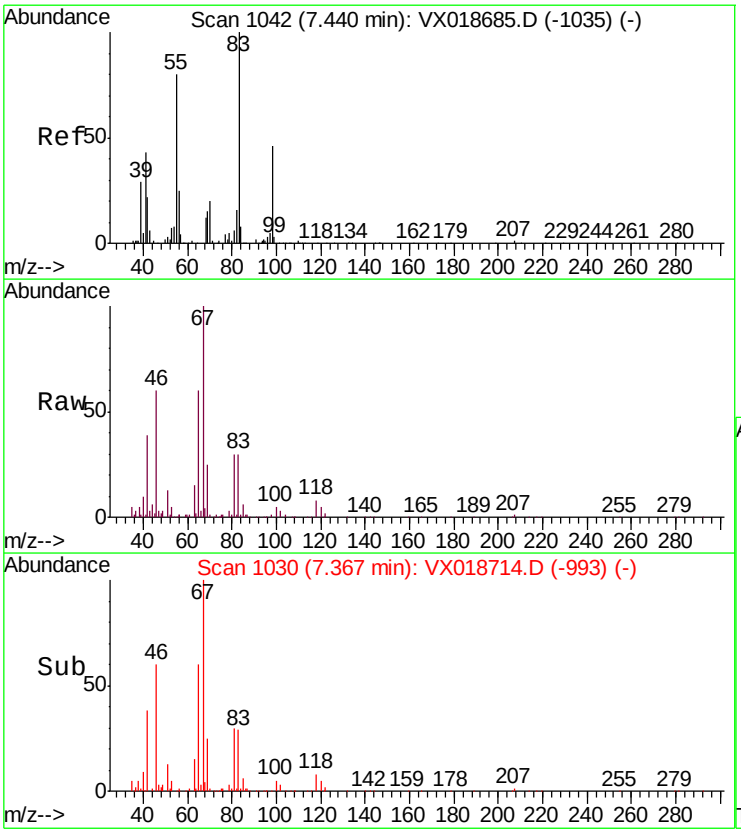
#22
cis-1,2-Dichloroethene
Concen: 12.311 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
BG0E3

Tgt Ion: 96 Resp: 120627

Ion	Ratio	Lower	Upper
96	100		
61	130.3	87.7	162.9
68	0.2	0.3	0.7#

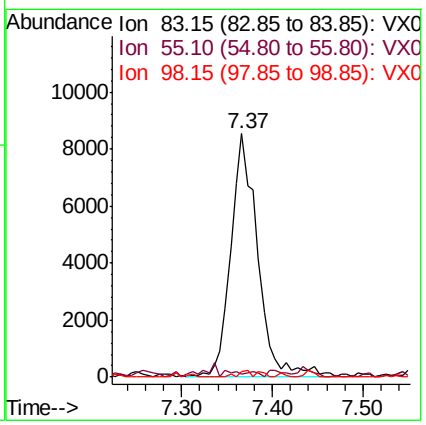


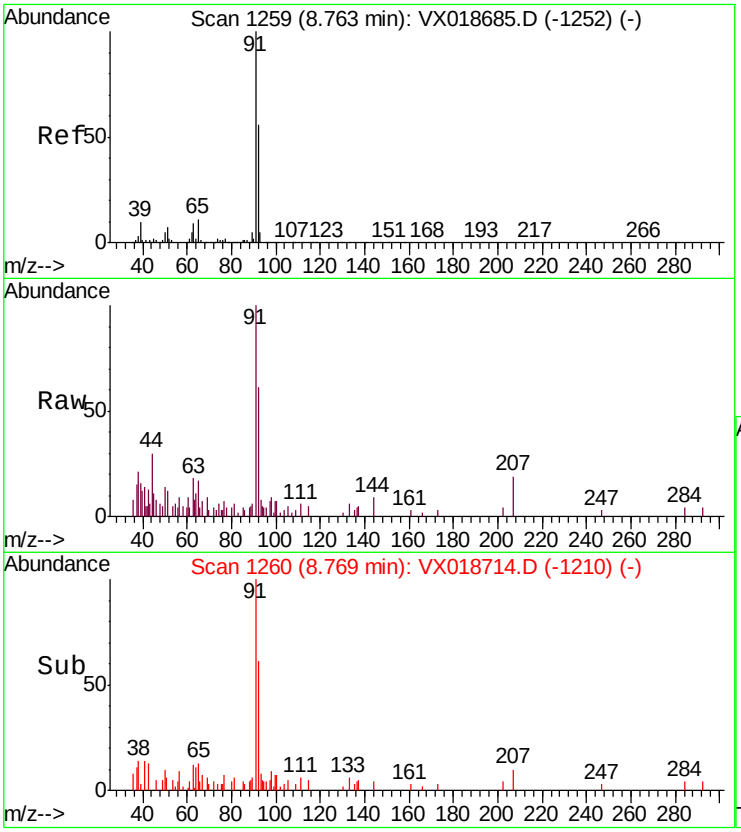


#35
Methylcyclohexane
Concen: 1.176 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Tgt Ion: 83 Resp: 17565

Ion	Ratio	Lower	Upper
83	100		
55	1.0	67.4	101.0#
98	1.2	41.1	61.7#



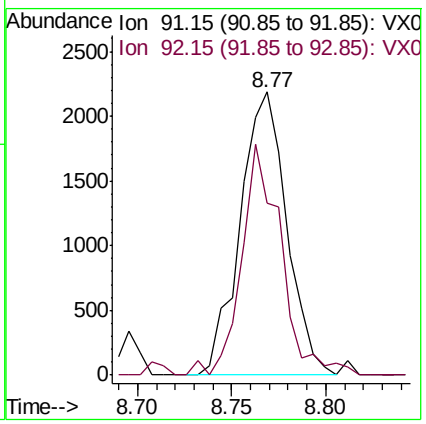


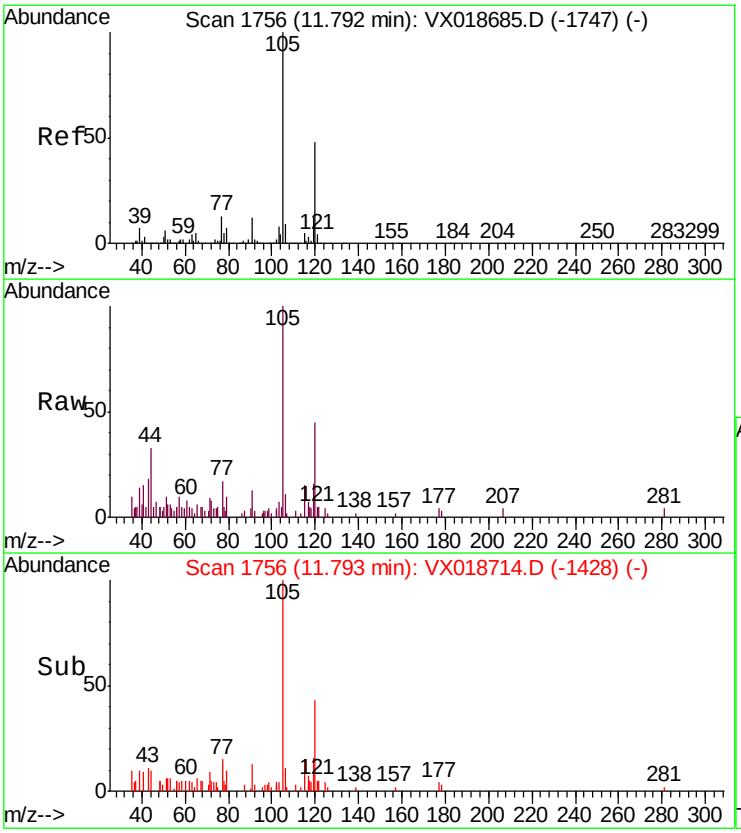
#42
Toluene
Concen: 0.094 ug/L
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
BG0E3

Tgt Ion: 91 Resp: 3749

Ion	Ratio	Lower	Upper
91	100		
92	60.5	41.1	76.3

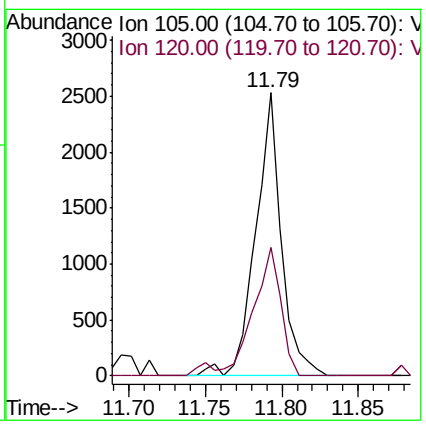


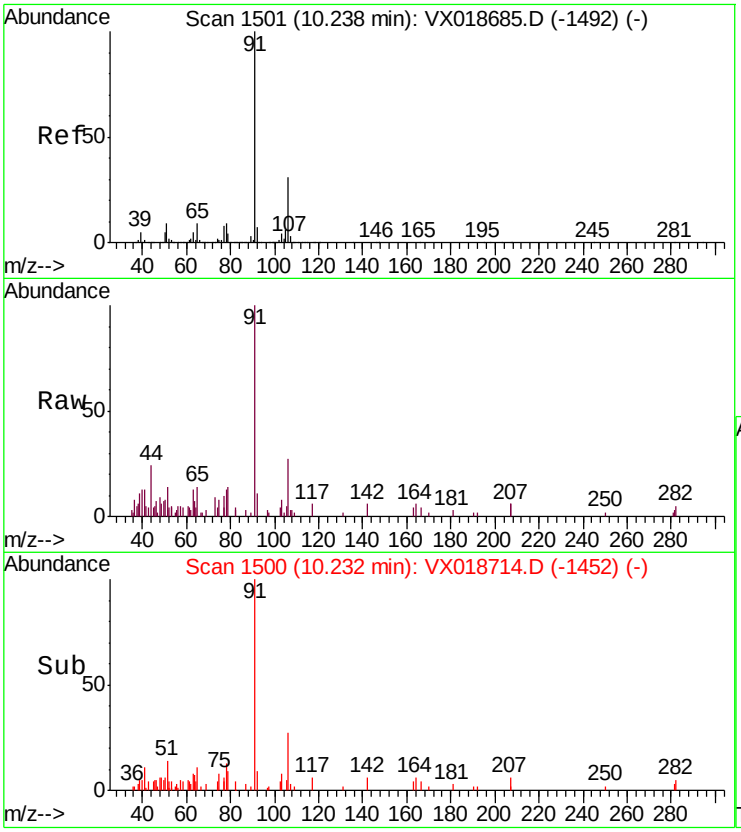


#44
1,2,4-Trimethylbenzene
Concen: 0.085 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Tgt Ion:105 Resp: 2975

Ion	Ratio	Lower	Upper
105	100		
120	48.1	36.8	55.2



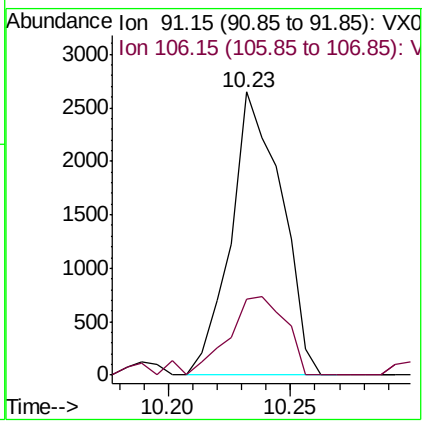


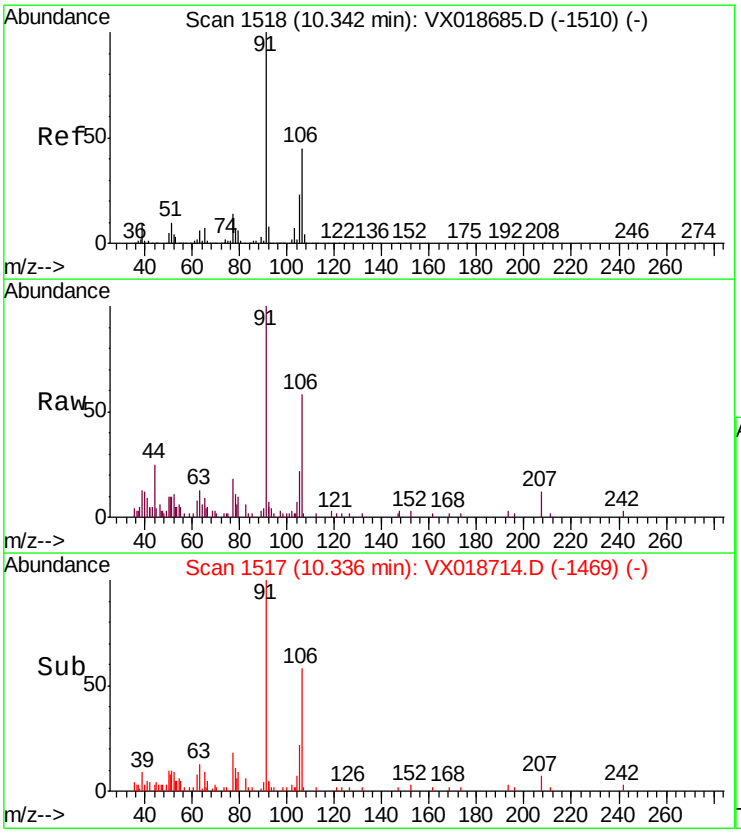
#54
Ethylbenzene
Concen: 0.088 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Instrument : MSVOA_X
ClientSampleId : BG0E3

Tgt Ion: 91 Resp: 3829

Ion	Ratio	Lower	Upper
91	100		
106	26.9	21.0	39.0

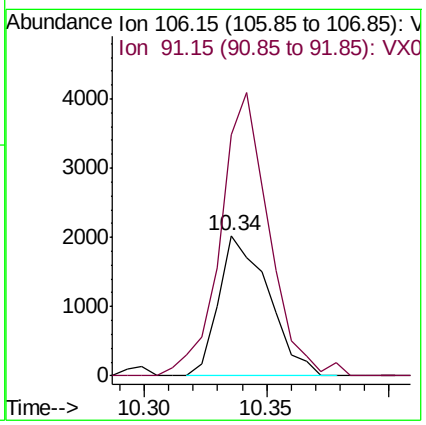


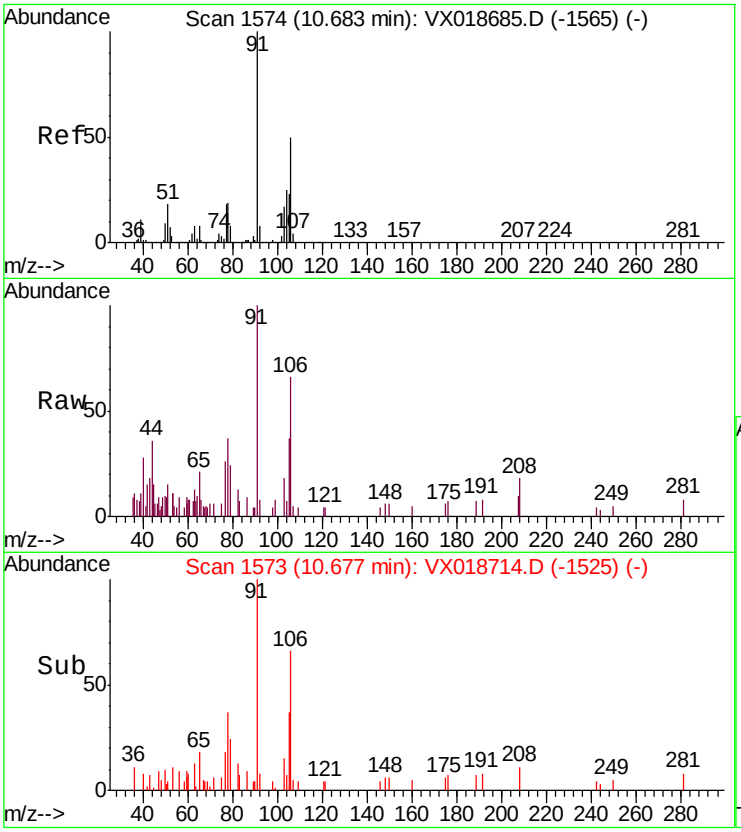


#55
m,p-xylene
Concen: 0.172 ug/L
RT: 10.34 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Tgt Ion:106 Resp: 2874

Ion	Ratio	Lower	Upper
106	100		
91	172.4	140.3	260.6



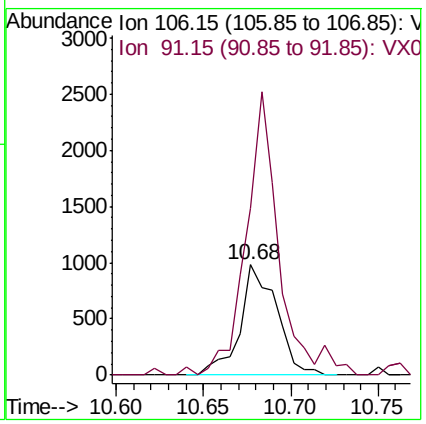


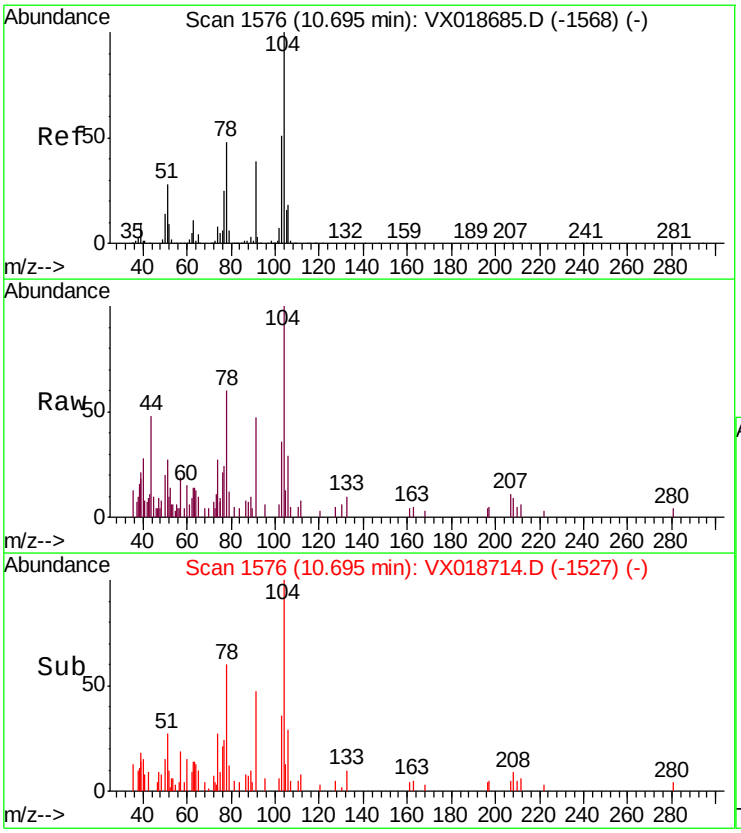
#56
o-xylene
Concen: 0.091 ug/L
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
BG0E3

Tgt Ion:106 Resp: 1432

Ion	Ratio	Lower	Upper
106	100		
91	152.2	167.5	311.1#





#57
Styrene
Concen: 0.073 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018714.D
Acq: 30 Sep 2020 22:02

Tgt Ion:104 Resp: 1894

Ion	Ratio	Lower	Upper
104	100		
78	59.7	33.3	61.9