Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018717.D
Acq On : 30 Sep 2020 23:15
Operator : JC/SP
Sample : L4171-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Manual Integrations APPROVED
MMDadoda
10/1/2020 11:22:59 AM

Quant Time: Oct 01 05:53:19 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	6.83	114	207302	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	205485	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	104437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	31826	2.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.60%			
7) Chloroethane-d5	1.70	69	31438	3.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.80%			
11) 1,1-Dichloroethene-d2	2.34	63	59873	2.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 50.00%#			
20) 2-Butanone-d5	4.54	46	131544	47.56	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.12%			
24) Chloroform-d	5.14	84	98417	3.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.60%			
26) 1,2-Dichloroethane-d4	6.03	65	57283	3.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.40%			
32) Benzene-d6	6.05	84	164564	3.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.40%#			
36) 1,2-Dichloropropane-d6	7.37	67	53204	3.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 73.60%			
41) Toluene-d8	8.70	98	145260	3.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 61.60%#			
45) trans-1,3-Dichloropropene-	8.99	79	22189	3.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.00%			
48) 2-Hexanone-d5	9.43	63	97293	42.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.54%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	45947	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.40%			
65) 1,2-Dichlorobenzene-d4	12.36	152	63901	3.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 74.80%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.39	62	6705	0.597	ug/L	89
13) Acetone	2.45	43	36626	23.922	ug/L	98
14) Carbon disulfide	2.56	76	14608	0.475	ug/L #	86
19) 1,1-Dichloroethane	3.67	63	10932	0.603	ug/L	92
21) 2-Butanone	4.65	43	17286m	7.113	ug/L	
22) cis-1,2-Dichloroethene	4.56	96	4190	0.397	ug/L #	91
27) 1,2-Dichloroethane	6.17	62	2805	0.224	ug/L #	76
30) Cyclohexane	5.55	56	8288	0.532	ug/L	90
42) Toluene	8.76	91	309581	7.234	ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	1136	0.150	ug/L #	78
50) 2-Hexanone	9.48	43	8523	2.055	ug/L #	92
54) Ethylbenzene	10.23	91	16259	0.349	ug/L	91
55) m,p-xylene	10.34	106	14593	0.819	ug/L	94
56) o-xylene	10.68	106	11479	0.682	ug/L	71
66) 1,2-Dichlorobenzene	12.38	146	1974	0.093	ug/L	94

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018717.D
Acq On : 30 Sep 2020 23:15
Operator : JC/SP
Sample : L4171-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 01 05:53:19 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

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Manual Integrations APPROVED
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10/1/2020 11:22:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018717.D
Acq On : 30 Sep 2020 23:15
Operator : JC/SP
Sample : L4171-11
Misc : 25.0mL/MSVOA X/WATER
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MSVOA_X
ClientSampleId :
BG3Q1

Manual Integrations APPROVED
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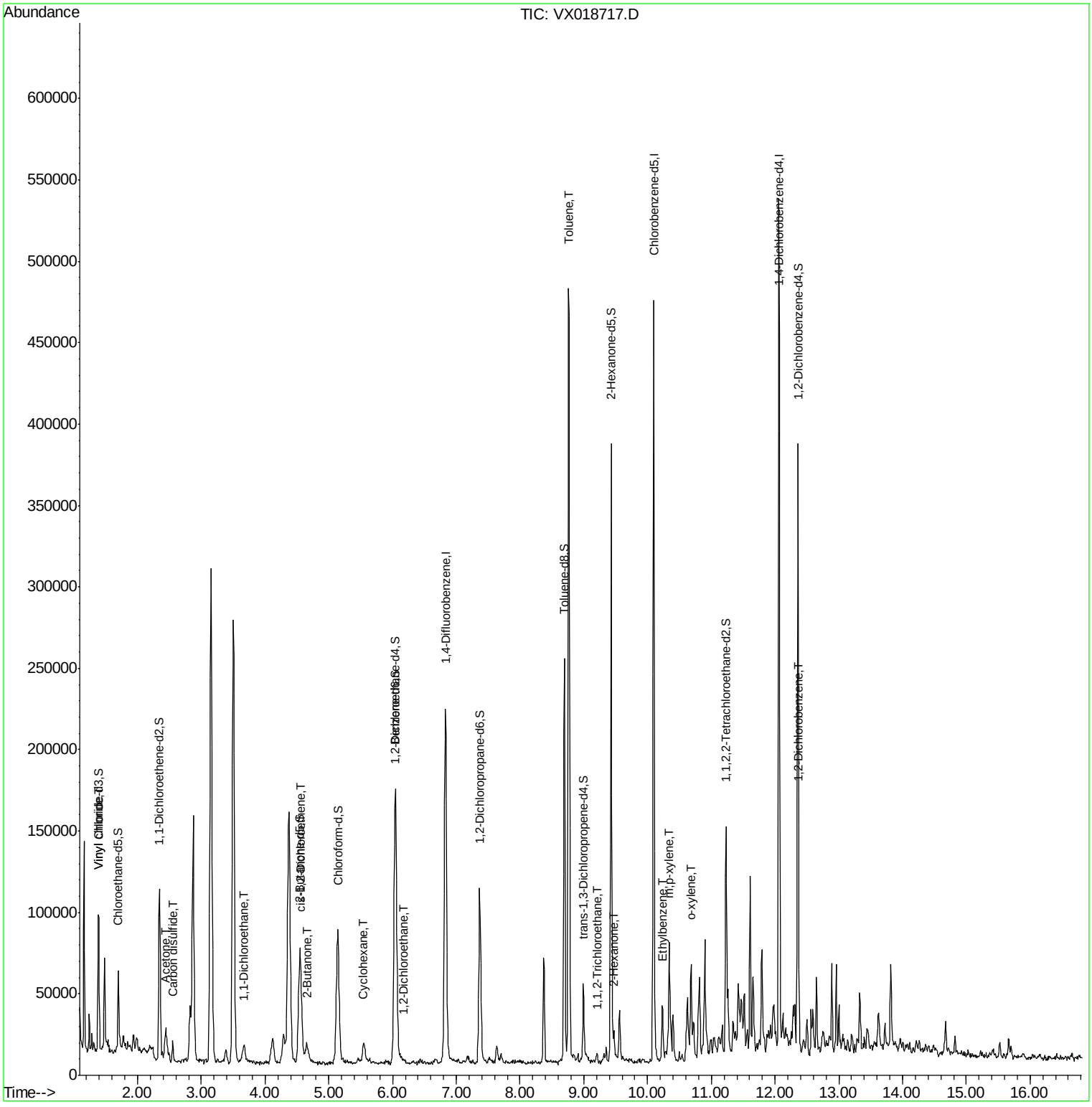
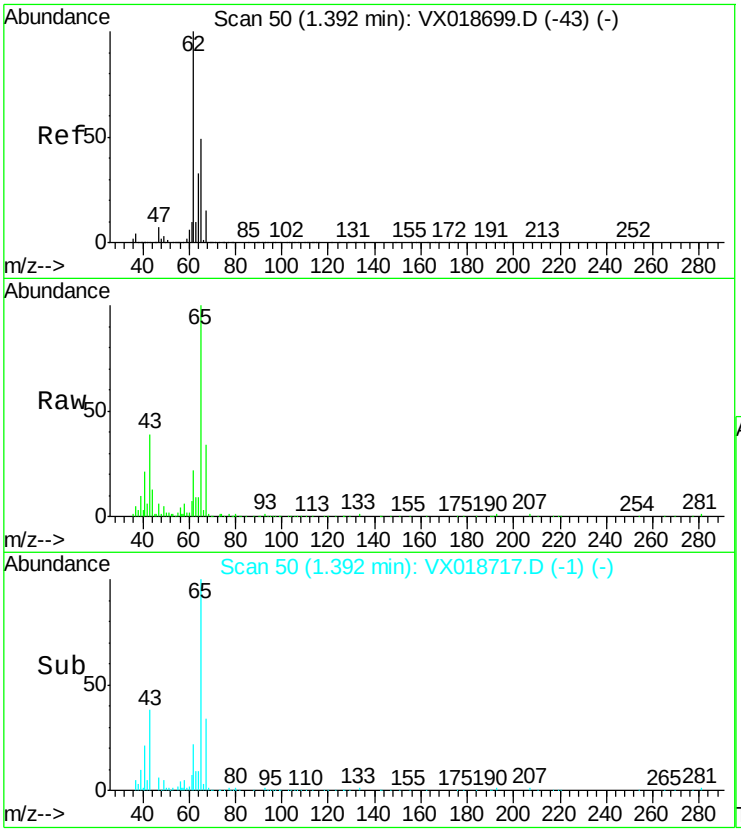
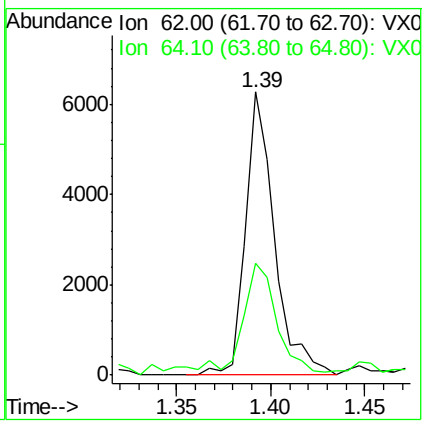




#5
Vinyl chloride
Concen: 0.597 ug/L
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 62 Resp: 6705

Ion	Ratio	Lower	Upper
62	100		
64	39.7	23.6	43.8



Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Manual Integrations APPROVED
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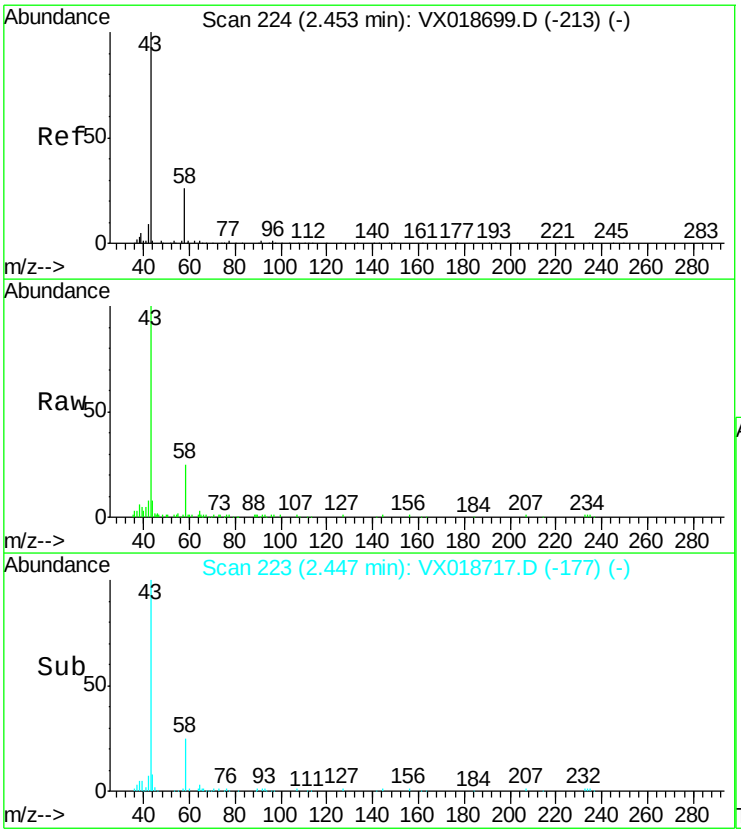
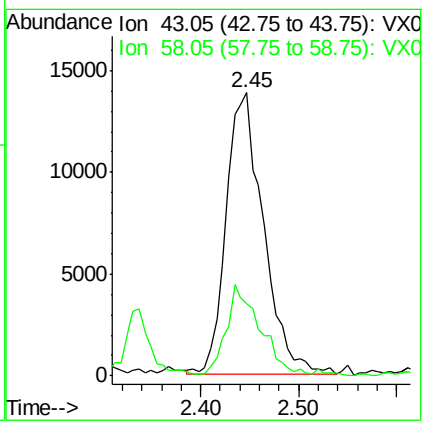
10/1/2020 11:22:59 AM

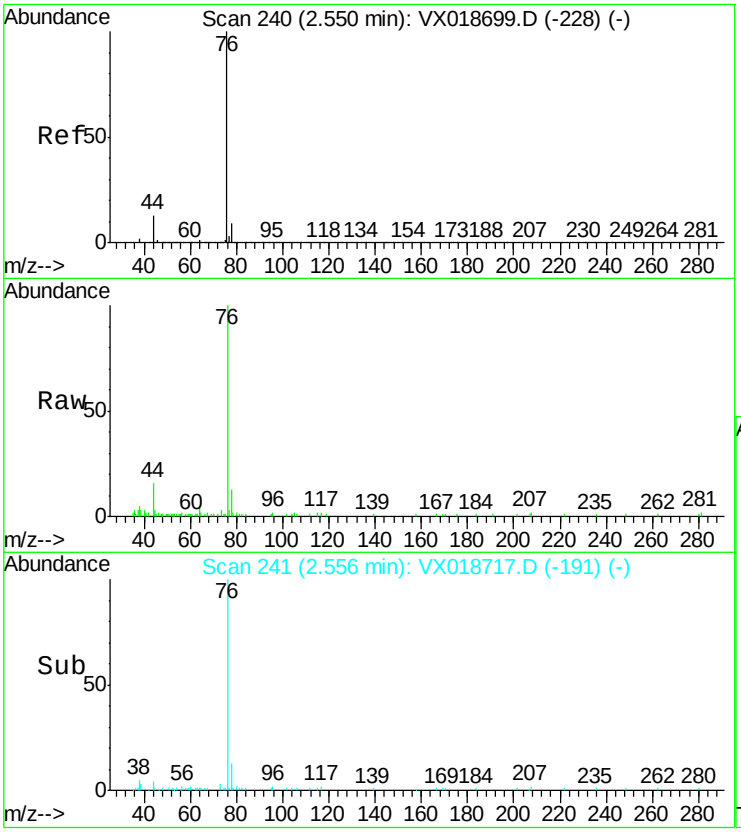


#13
Acetone
Concen: 23.922 ug/L
RT: 2.45 min Scan# 223
Delta R.T. -0.02 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 43 Resp: 36626

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	61.6

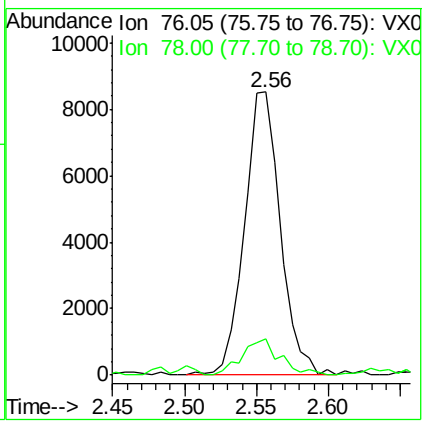




#14
Carbon disulfide
Concen: 0.475 ug/L
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 76 Resp: 14608

Ion	Ratio	Lower	Upper
76	100		
78	14.2	7.4	11.0#



Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Manual Integrations APPROVED
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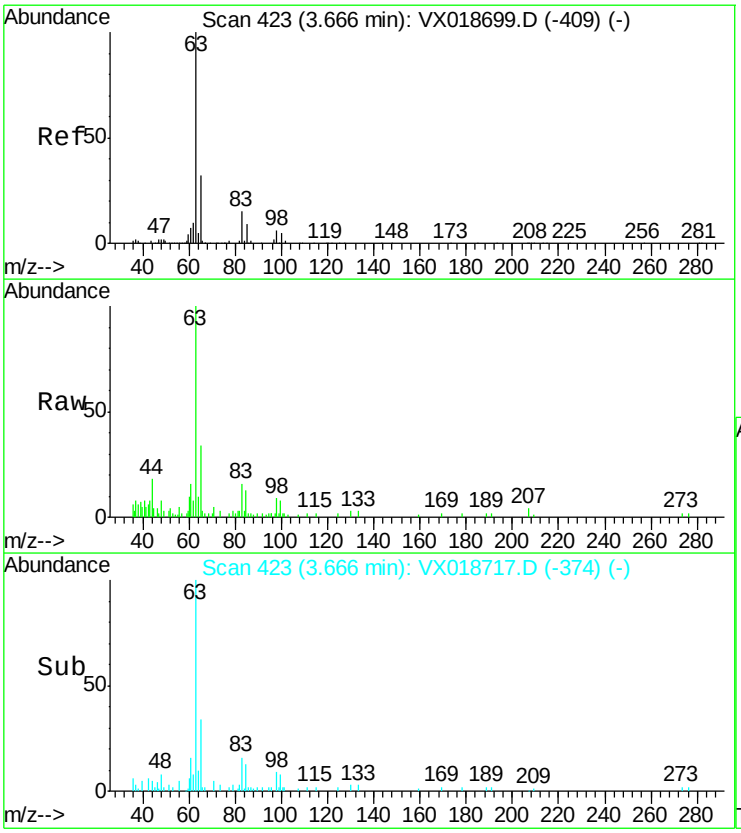
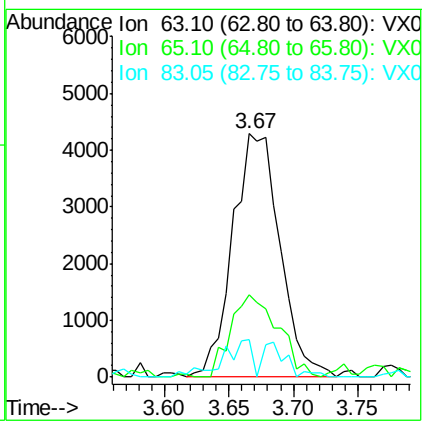
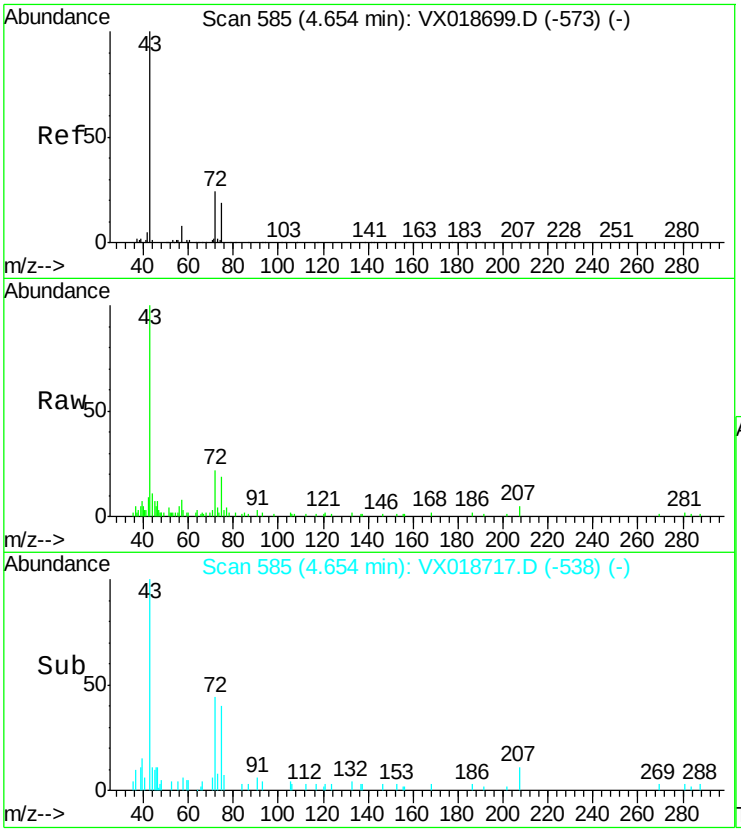


#19
1,1-Dichloroethane
Concen: 0.603 ug/L
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 63 Resp: 10932

Ion	Ratio	Lower	Upper
63	100		
65	37.1	22.7	42.1
83	15.5	9.3	17.3

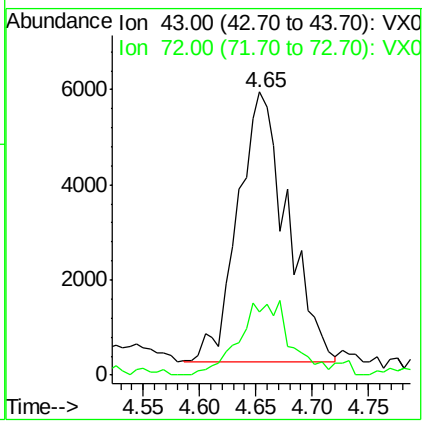




#21
2-Butanone
Concen: 7.113 ug/L m
RT: 4.65 min Scan# 585
Delta R.T. -0.01 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 43 Resp: 17286

Ion	Ratio	Lower	Upper
43	100		
72	1.1	5.2	15.6#



Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

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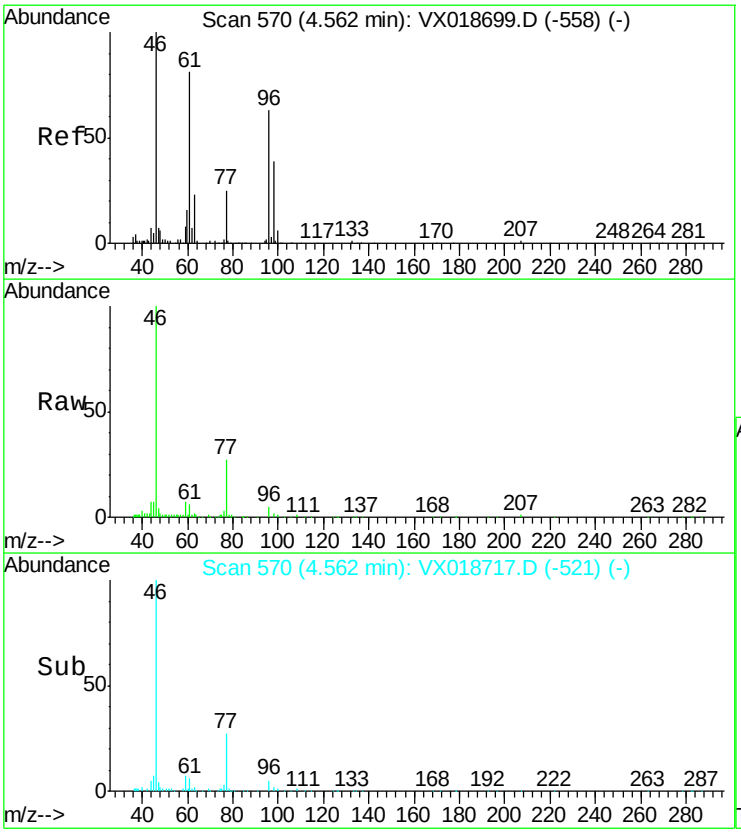
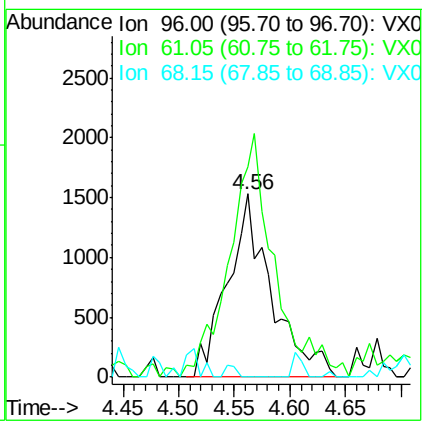
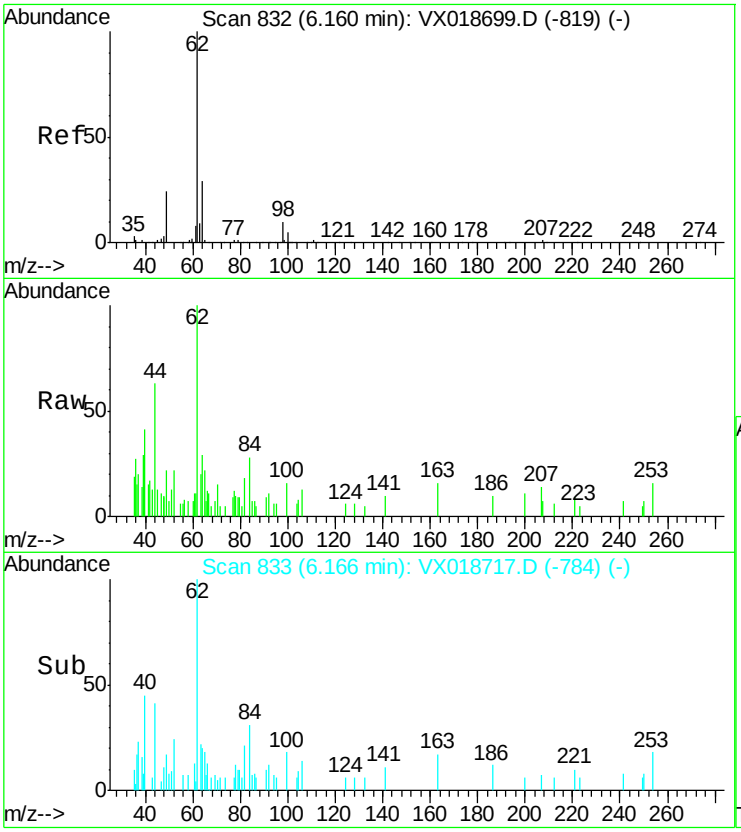


#22
cis-1,2-Dichloroethene
Concen: 0.397 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 96 Resp: 4190

Ion	Ratio	Lower	Upper
96	100		
61	114.8	87.7	162.9
68	0.0	0.3	0.7#

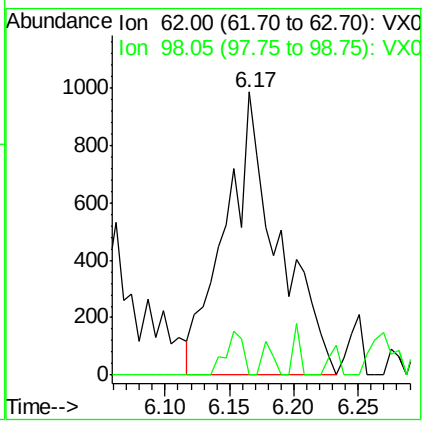




#27
1,2-Dichloroethane
Concen: 0.224 ug/L
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 62 Resp: 2805

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#



Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Manual Integrations APPROVED
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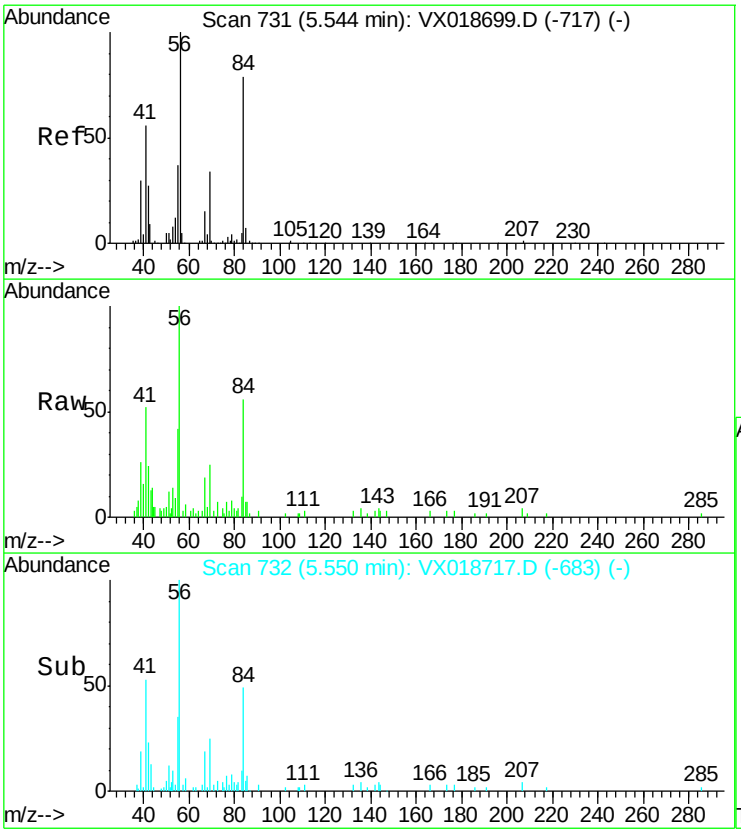
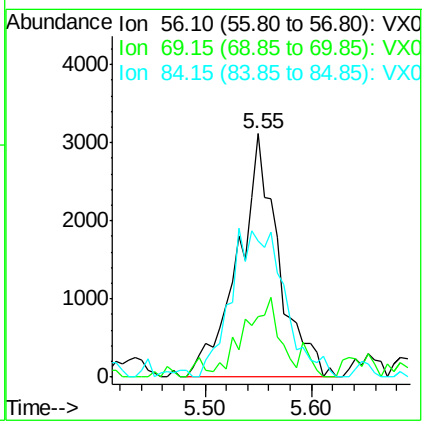
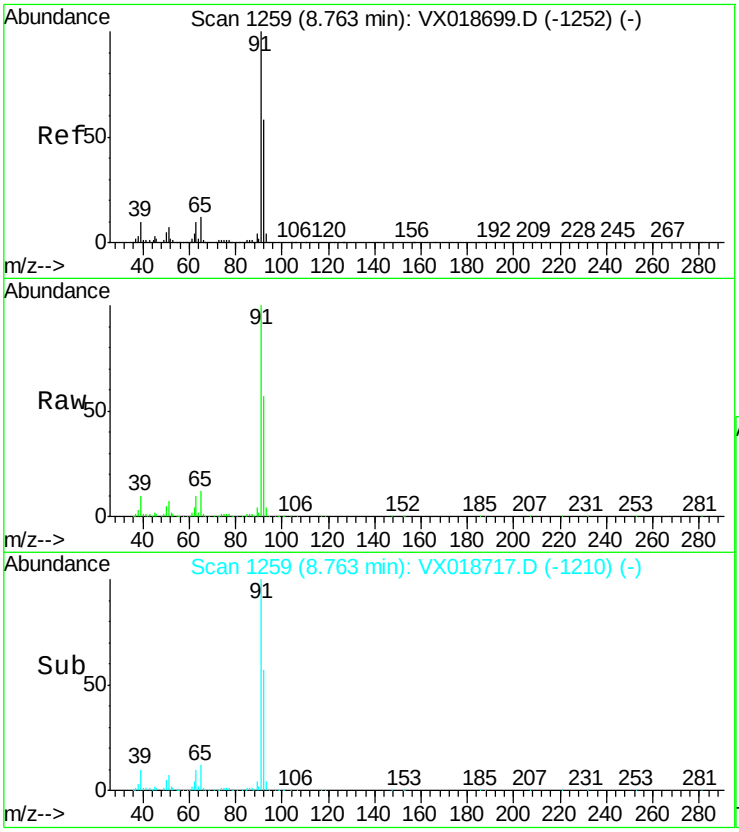


#30
Cyclohexane
Concen: 0.532 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 56 Resp: 8288

Ion	Ratio	Lower	Upper
56	100		
69	28.5	26.4	39.6
84	80.1	72.7	109.1

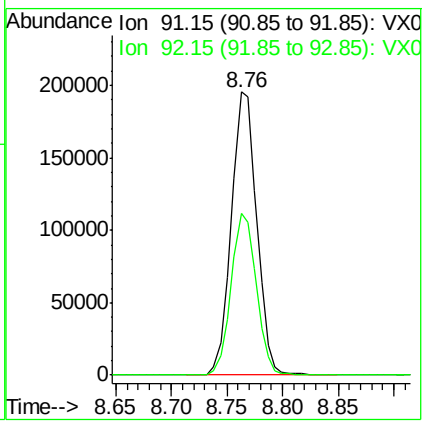




#42
Toluene
Concen: 7.234 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 91 Resp: 309581

Ion	Ratio	Lower	Upper
91	100		
92	57.3	41.1	76.3



Instrument :
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ClientSampleId :
BG3Q1

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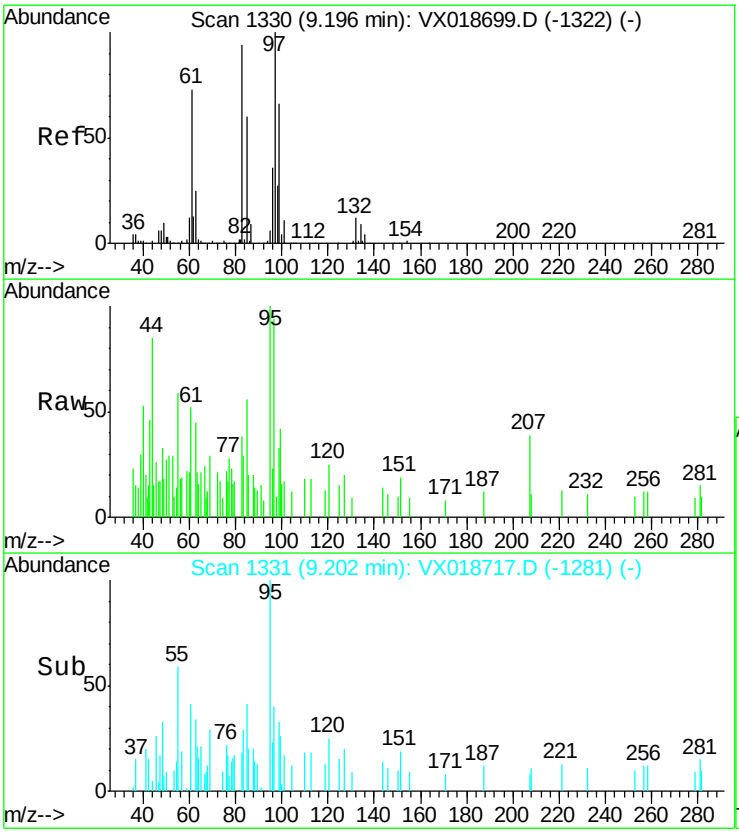
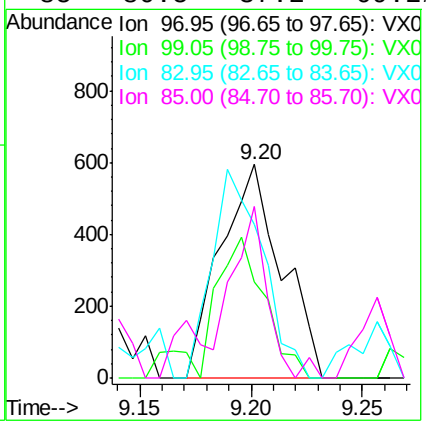
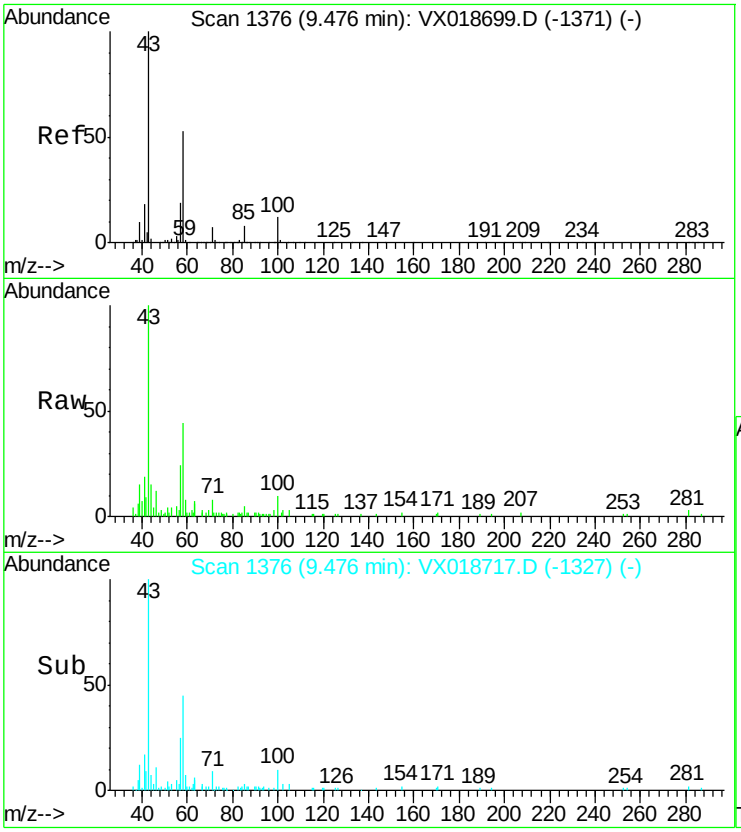


#47
1,1,2-Trichloroethane
Concen: 0.150 ug/L
RT: 9.20 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 97 Resp: 1136

Ion	Ratio	Lower	Upper
97	100		
99	45.2	38.9	72.2
83	71.8	61.9	114.9
85	80.5	37.2	69.2#

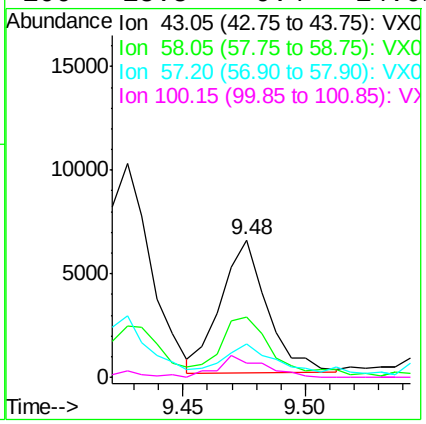




#50
2-Hexanone
Concen: 2.055 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 43 Resp: 8523

Ion	Ratio	Lower	Upper
43	100		
58	50.0	42.5	63.7
57	27.5	15.9	23.9#
100	15.5	9.4	14.0#



Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED
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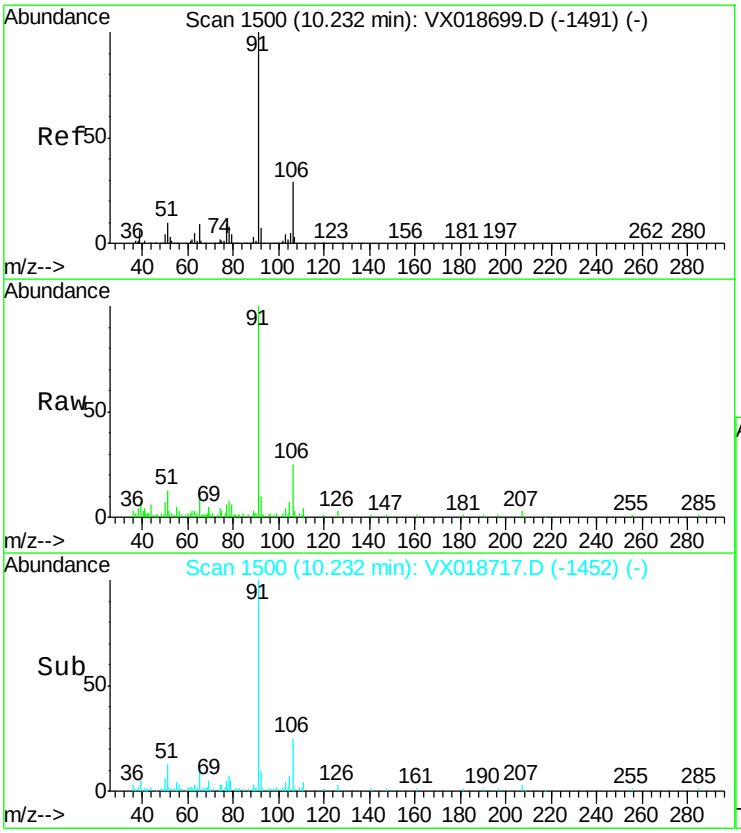
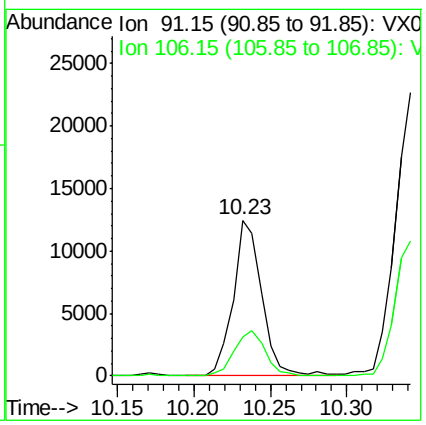
10/1/2020 11:22:59 AM

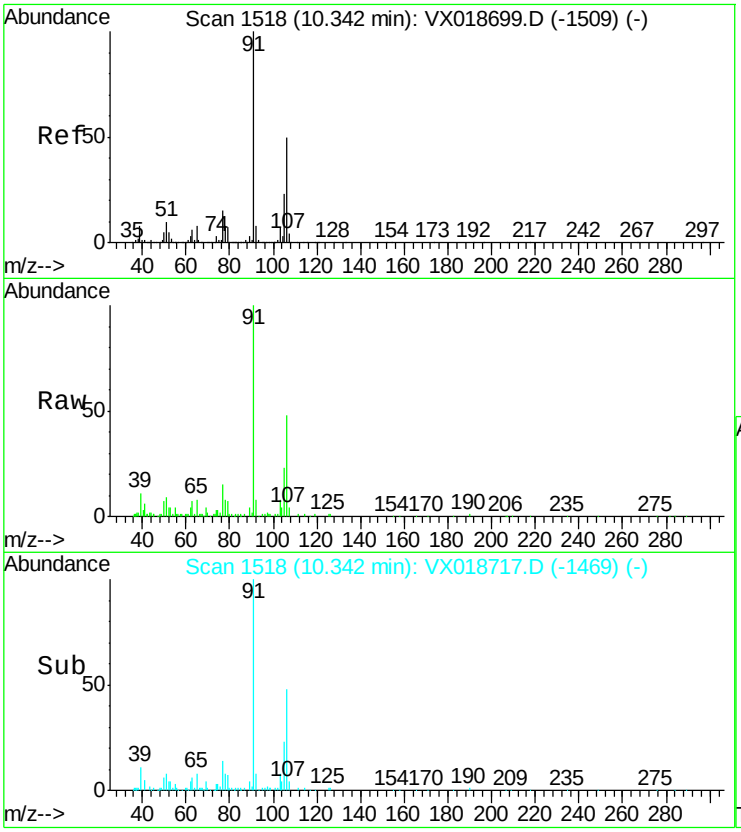


#54
Ethylbenzene
Concen: 0.349 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion: 91 Resp: 16259

Ion	Ratio	Lower	Upper
91	100		
106	25.3	21.0	39.0





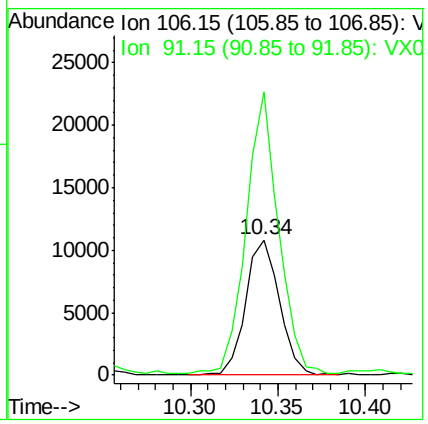
#55
m,p-xylene
Concen: 0.819 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

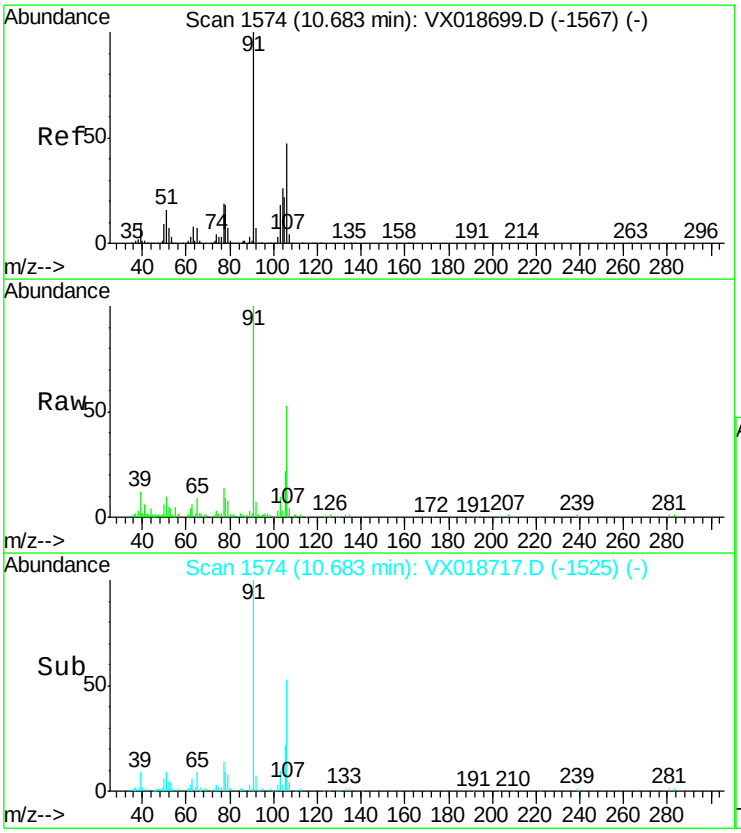
Tgt Ion:106 Resp: 14593

Ion	Ratio	Lower	Upper
106	100		
91	209.8	140.3	260.6

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Manual Integrations APPROVED
MMDadoda
10/1/2020 11:22:59 AM

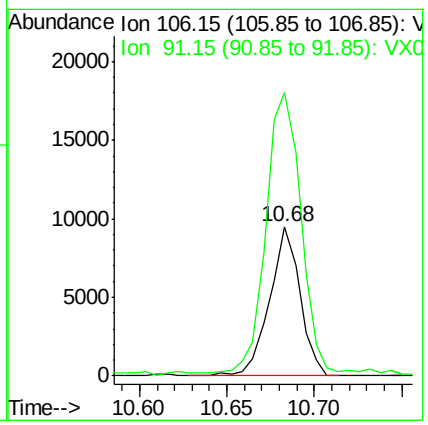


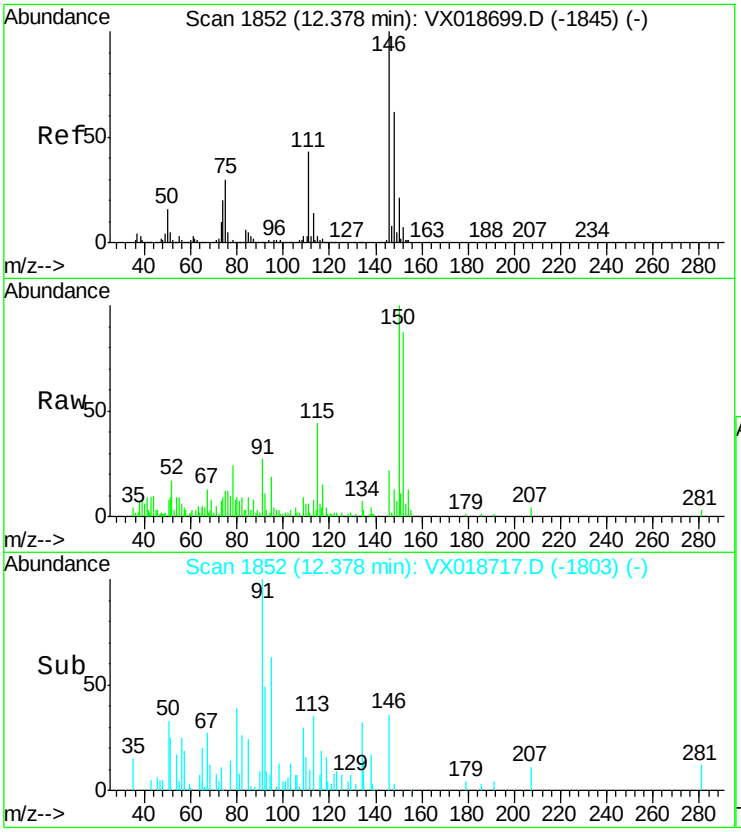


#56
o-xylene
Concen: 0.682 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion:106 Resp: 11479

Ion	Ratio	Lower	Upper
106	100		
91	189.8	167.5	311.1

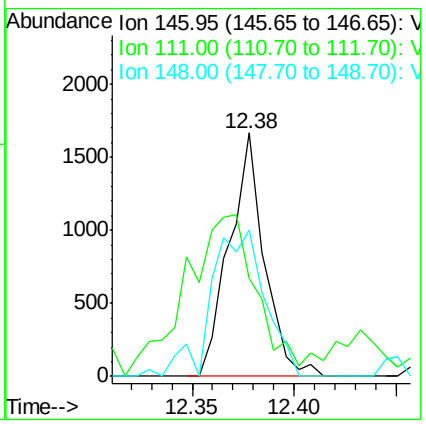




#66
1,2-Dichlorobenzene
Concen: 0.093 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX018717.D
Acq: 30 Sep 2020 23:15

Tgt Ion:146 Resp: 1974

Ion	Ratio	Lower	Upper
146	100		
111	40.0	33.6	50.4
148	60.2	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
BG3Q1

Manual Integrations APPROVED
MMDadoda
10/1/2020 11:22:59 AM