Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100820\
Data File : VX018835.D
Acq On : 08 Oct 2020 13:41
Operator : JC/SP
Sample : L4240-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 09 05:13:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 09 04:43:33 2020
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : BG3T0

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	196075	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	170604	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	95192	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	33499	2.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.40%			
7) Chloroethane-d5	1.70	69	28201	3.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 63.00%#			
11) 1,1-Dichloroethene-d2	2.34	63	50553	1.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 39.20%#			
20) 2-Butanone-d5	4.54	46	143208	47.67	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.34%			
24) Chloroform-d	5.14	84	99676	3.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.00%			
26) 1,2-Dichloroethane-d4	6.03	65	56913	3.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.20%#			
32) Benzene-d6	6.05	84	167655	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.00%			
36) 1,2-Dichloropropane-d6	7.37	67	54010	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.20%			
41) Toluene-d8	8.70	98	149485	3.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.60%			
45) trans-1,3-Dichloropropene-	8.99	79	25979	3.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.80%			
48) 2-Hexanone-d5	9.43	63	116077	52.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.04%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	43581	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.40%			
65) 1,2-Dichlorobenzene-d4	12.36	152	68378	3.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 77.80%#			
Target Compounds						Qvalue
14) Carbon disulfide	2.55	76	21209	0.694	ug/L	97
19) 1,1-Dichloroethane	3.67	63	8691m	0.467	ug/L	
30) Cyclohexane	5.56	56	5367080	383.421	ug/L	97
35) Methylcyclohexane	7.44	83	117818	7.882	ug/L	96
42) Toluene	8.76	91	59991	1.535	ug/L	97
49) Tetrachloroethene	9.32	164	5059	0.549	ug/L	94
50) 2-Hexanone	9.48	43	33325	8.849	ug/L #	94
54) Ethylbenzene	10.23	91	210003	4.792	ug/L	99
55) m,p-xylene	10.34	106	445641	26.070	ug/L	97
56) o-xylene	10.68	106	40025	2.534	ug/L	97
58) Isopropylbenzene	11.00	105	1317474	29.791	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	20922	0.904	ug/L	95
64) 1,4-Dichlorobenzene	12.09	146	47252	2.048	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	10513	0.487	ug/L #	88
69) 1,2,4-trichlorobenzene	13.63	180	655014	44.302	ug/L	97
71) 1,2,3-Trichlorobenzene	14.01	180	200127	15.044	ug/L	96

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Data File : VX018835.D
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Operator : JC/SP
Sample : L4240-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3T0

Manual Integrations APPROVED
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10/10/2020 10:24:30 AM

Quant Time: Oct 09 05:13:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 09 04:43:33 2020
Response via : Initial Calibration

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

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

Quantitation Report (LSC Reviewed)

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MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED
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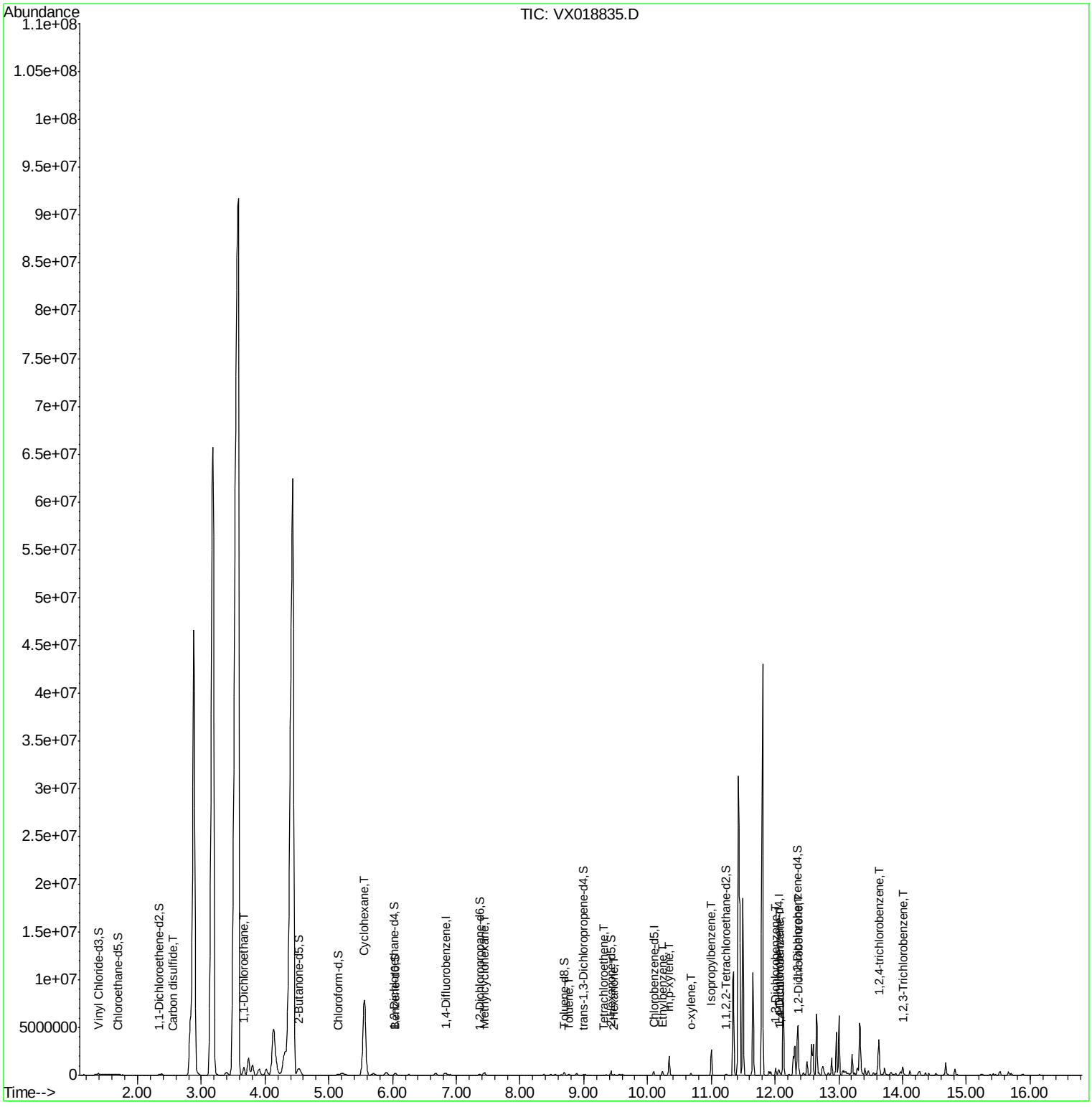

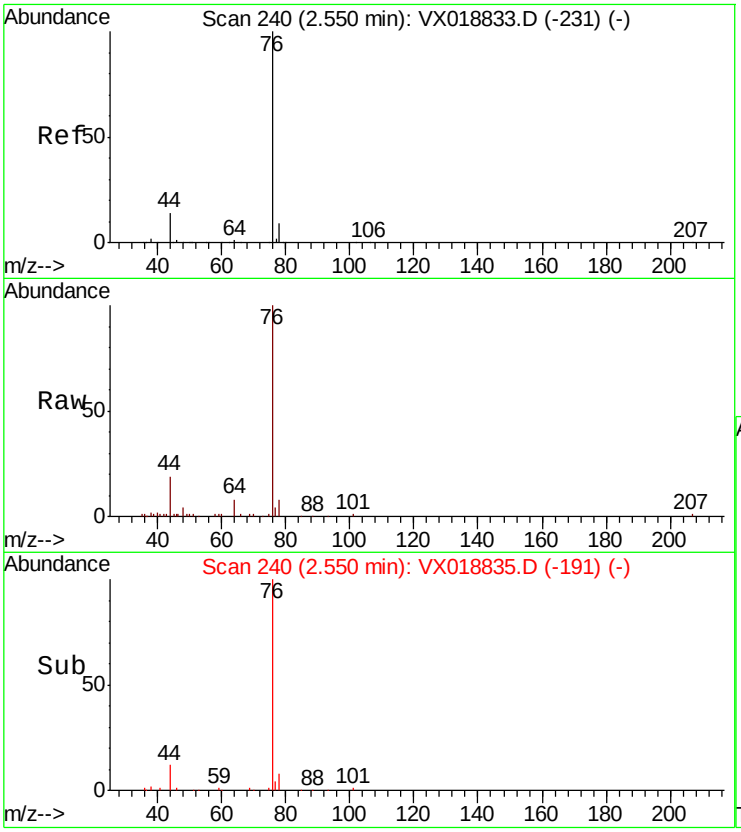

#14
Carbon disulfide
Concen: 0.694 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion: 76 Resp: 21209

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.4	11.2

Instrument :
MSVOA_X
ClientSampleId :
BG3T0

Manual Integrations APPROVED
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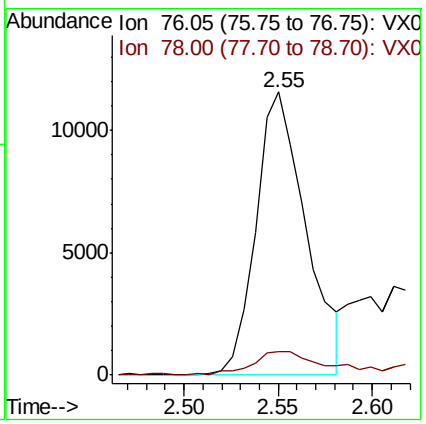
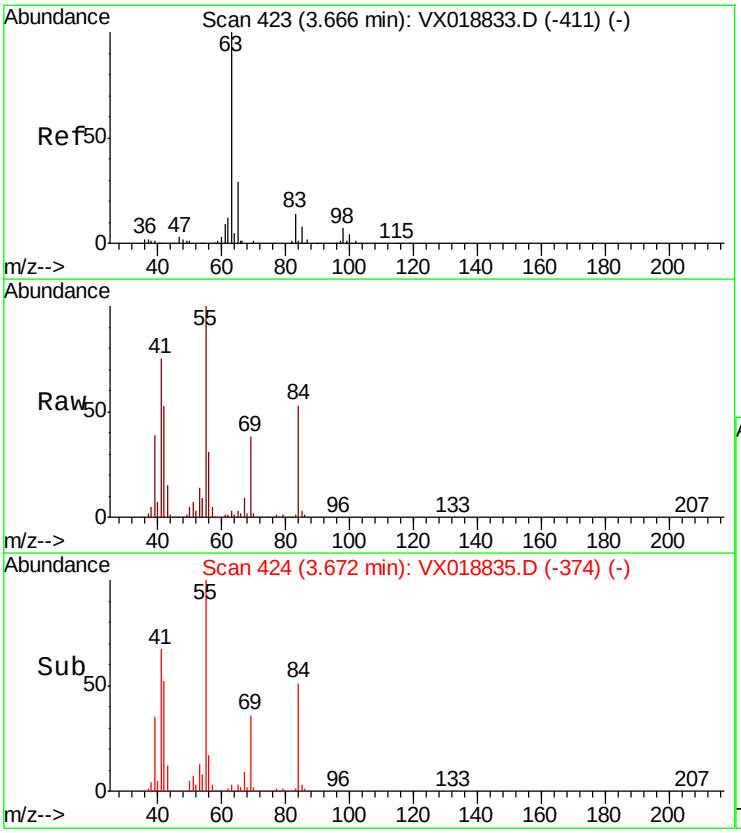
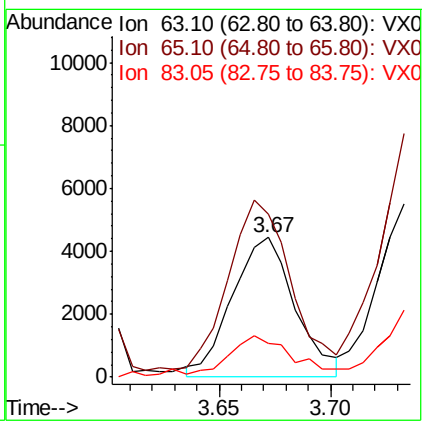


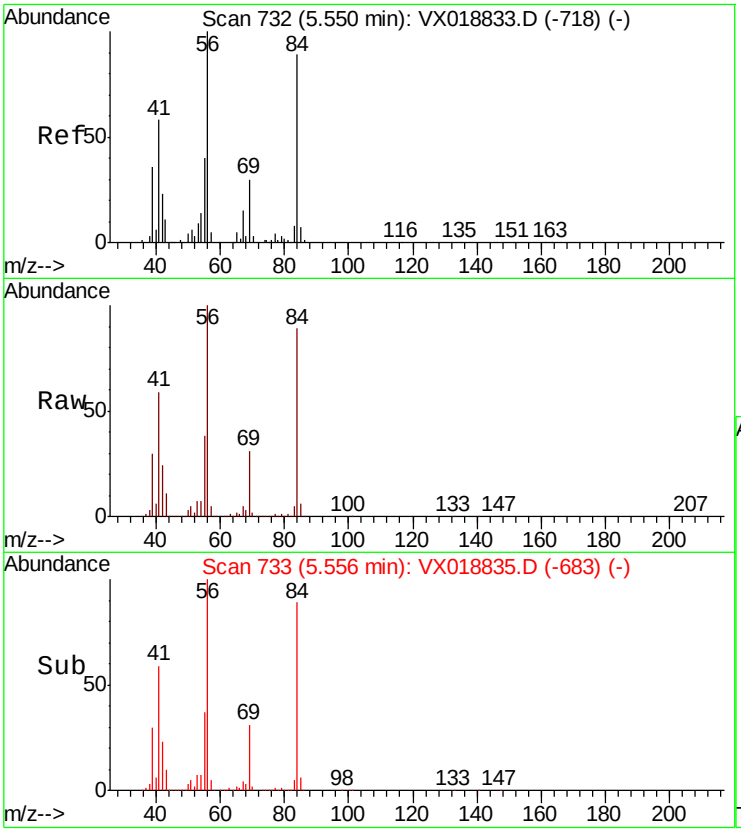


#19
1,1-Dichloroethane
Concen: 0.467 ug/L m
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion: 63 Resp: 8691

Ion	Ratio	Lower	Upper
63	100		
65	117.1	21.6	40.2#
83	24.4	8.7	16.1#

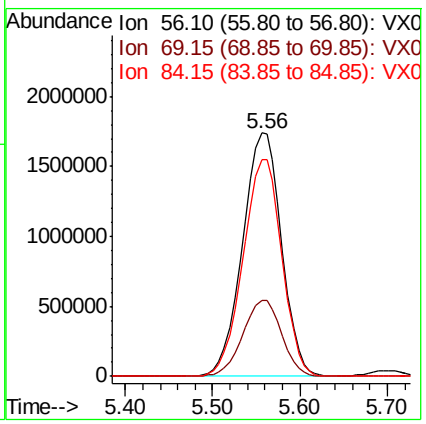




#30
Cyclohexane
Concen: 383.421 ug/L
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion: 56 Resp: 5367080

Ion	Ratio	Lower	Upper
56	100		
69	31.0	26.0	39.0
84	88.9	73.8	110.6



Instrument :
MSVOA_X
ClientSampleId :
BG3T0

Manual Integrations APPROVED
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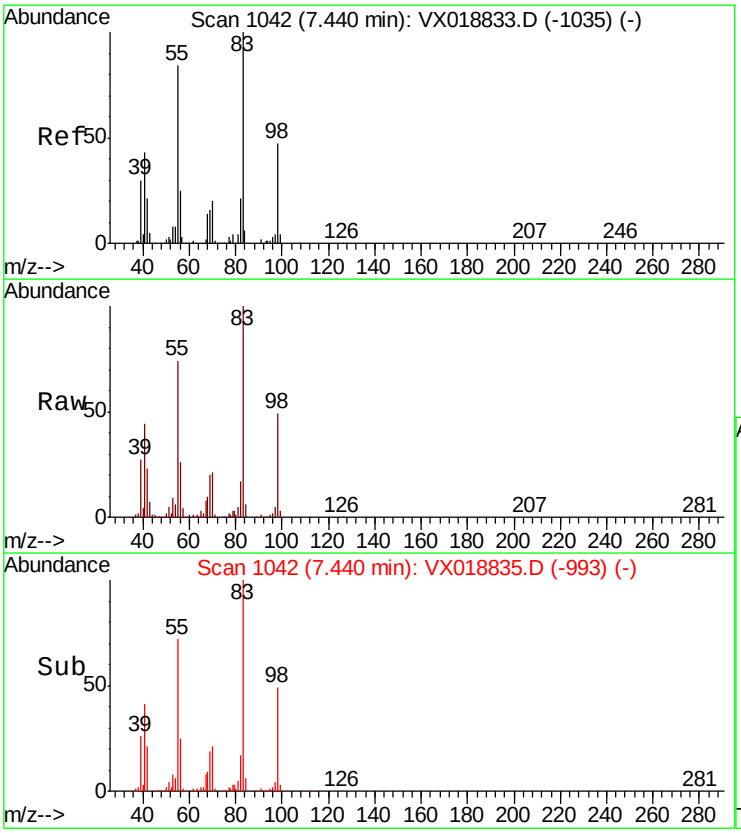
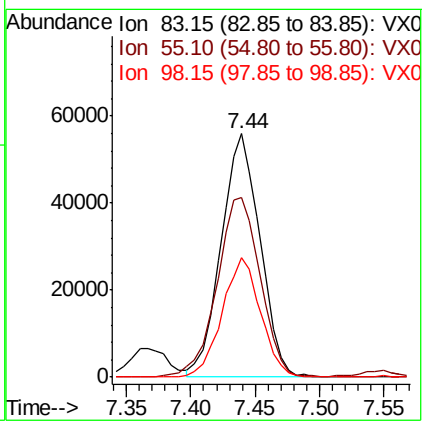
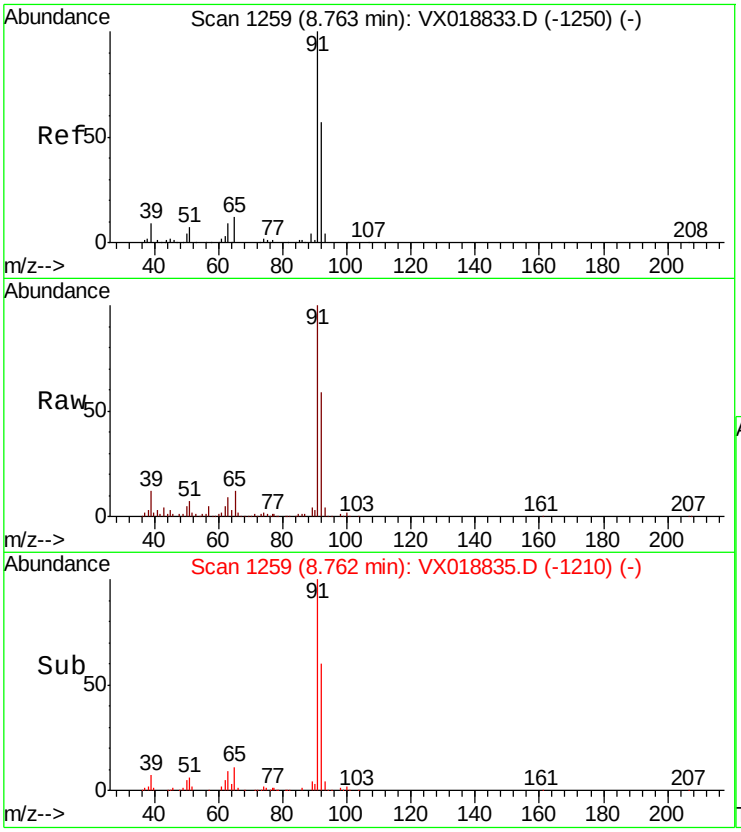


#35
Methylcyclohexane
Concen: 7.882 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion: 83 Resp: 117818

Ion	Ratio	Lower	Upper
83	100		
55	80.7	60.3	90.5
98	48.6	39.4	59.0

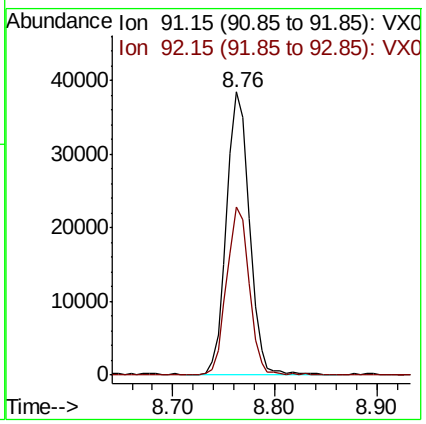




#42
Toluene
Concen: 1.535 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion: 91 Resp: 59991

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.3	74.9



Instrument :
MSVOA_X
ClientSampleId :
BG3T0

Manual Integrations APPROVED
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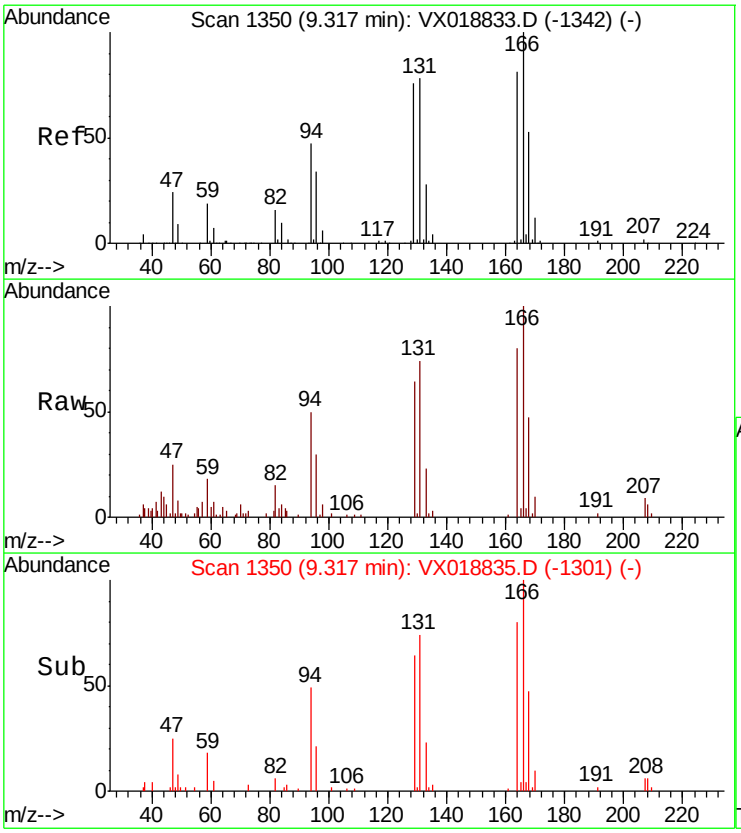
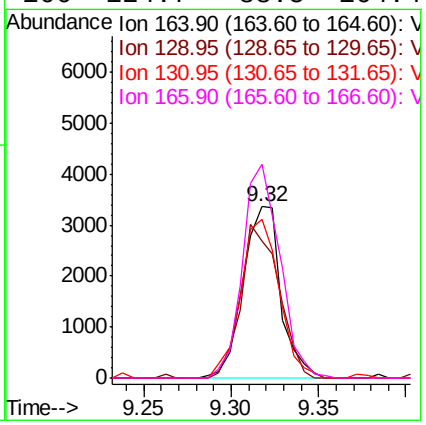
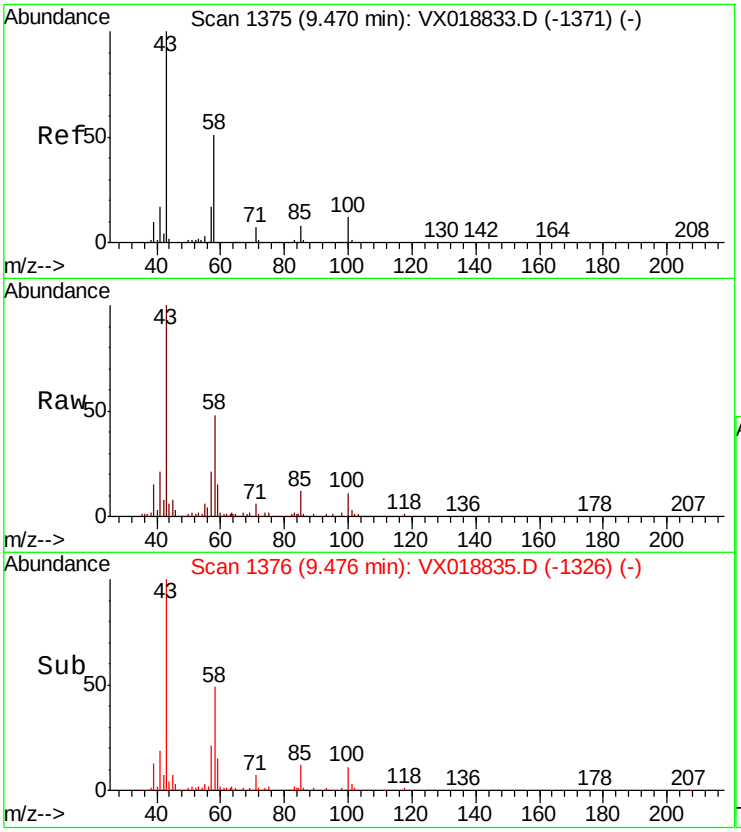


#49
Tetrachloroethene
Concen: 0.549 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion:164 Resp: 5059

Ion	Ratio	Lower	Upper
164	100		
129	80.2	68.7	127.5
131	92.8	65.3	121.3
166	124.7	88.5	164.4

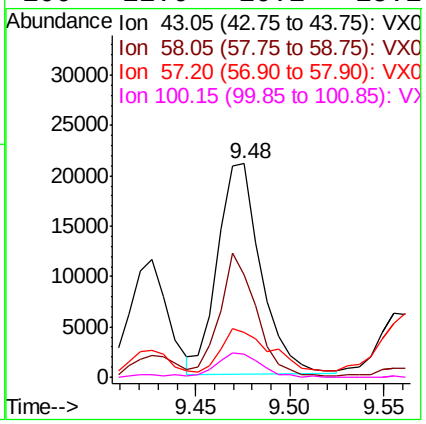




#50
2-Hexanone
Concen: 8.849 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion: 43 Resp: 33325

Ion	Ratio	Lower	Upper
43	100		
58	49.3	41.0	61.4
57	28.3	15.9	23.9#
100	11.6	10.1	15.1



Instrument :
MSVOA_X
ClientSampleId :
BG3T0

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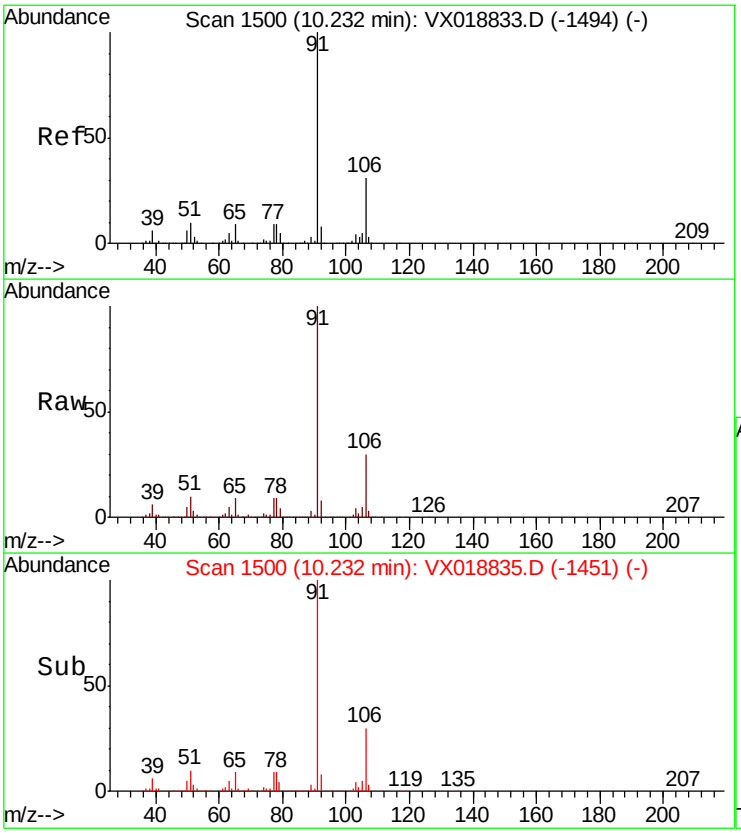
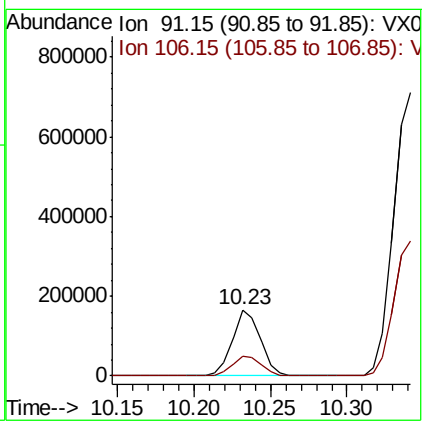
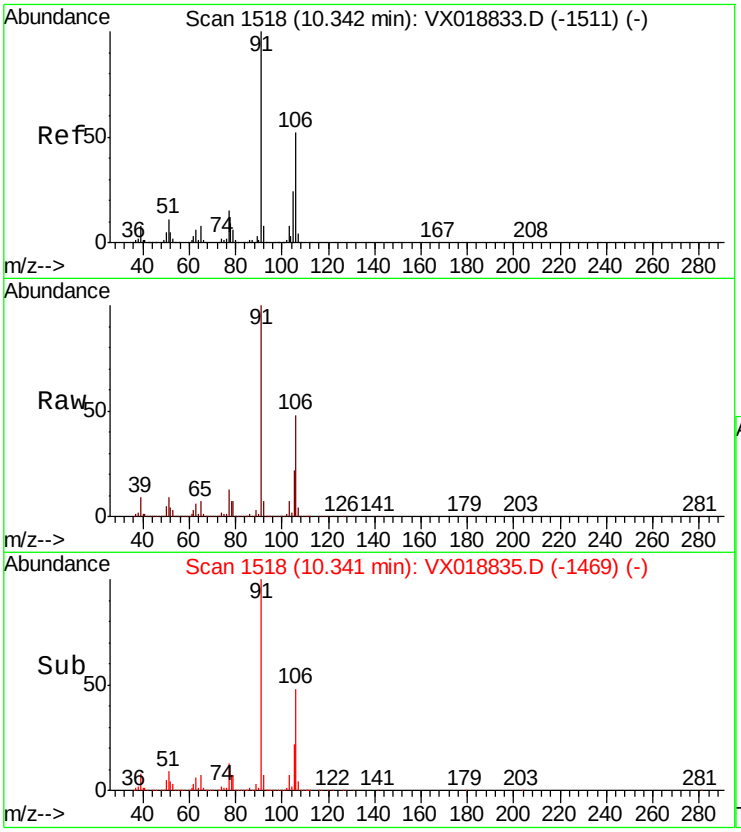


#54
Ethylbenzene
Concen: 4.792 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion: 91 Resp: 210003

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.5	39.9





#55
m,p-xylene
Concen: 26.070 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion:106 Resp: 445641

Ion	Ratio	Lower	Upper
106	100		
91	210.1	143.4	266.2

Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED
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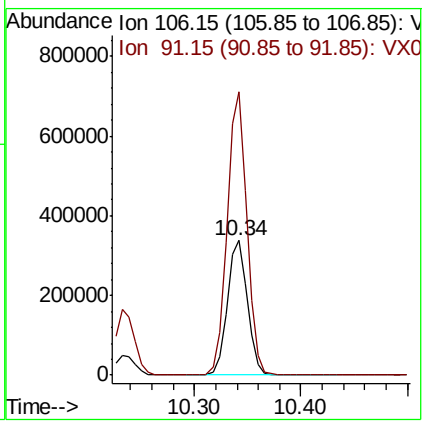
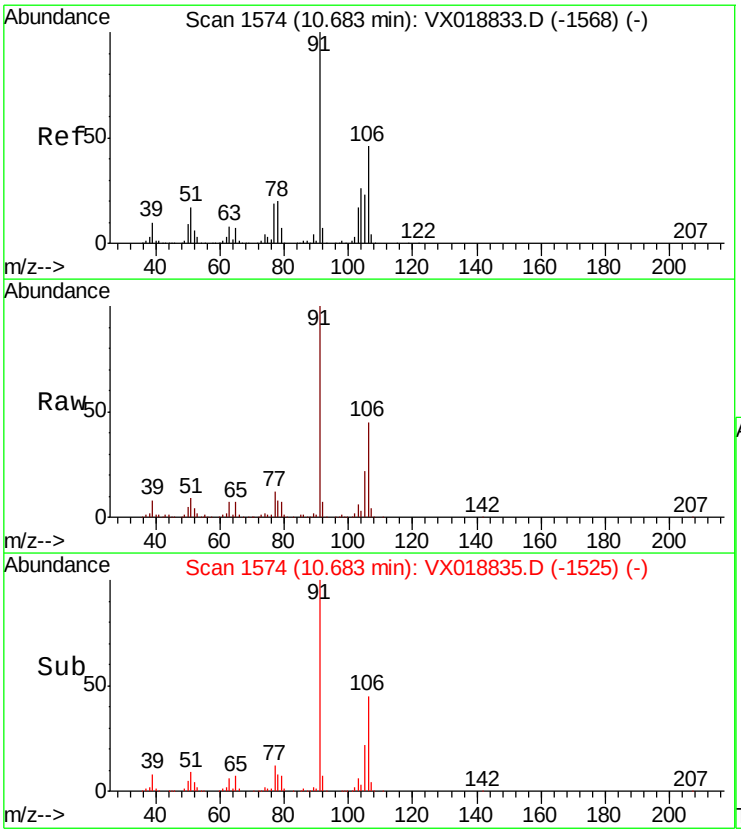
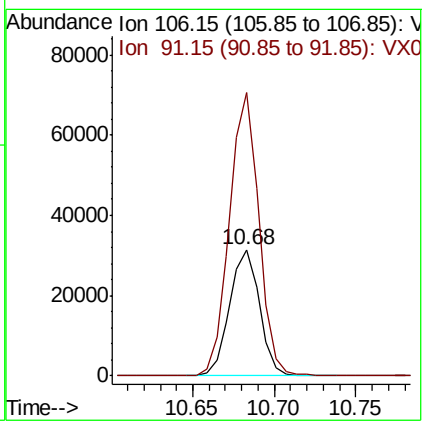


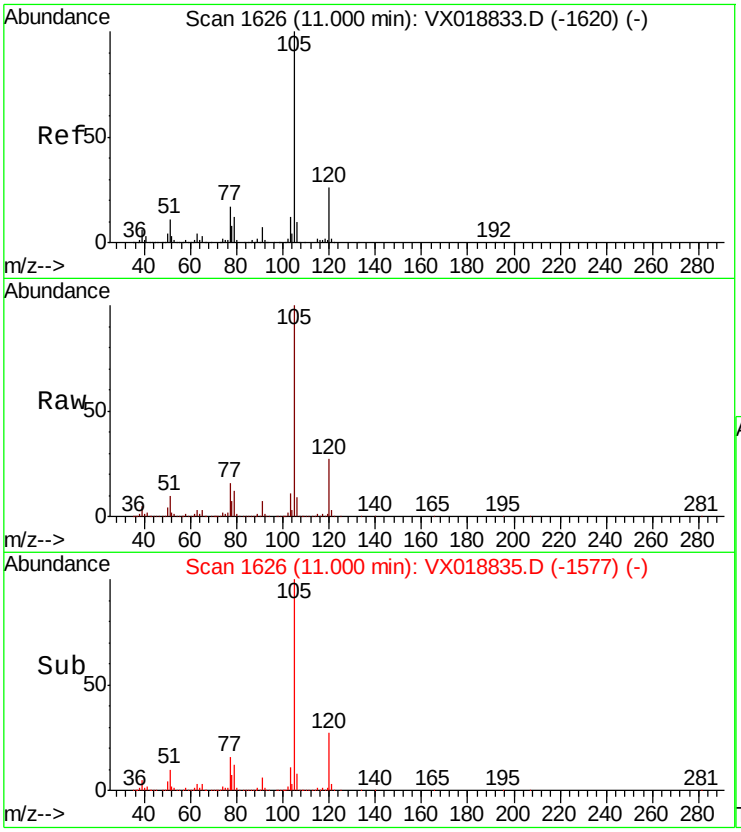


#56
o-xylene
Concen: 2.534 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion:106 Resp: 40025

Ion	Ratio	Lower	Upper
106	100		
91	224.1	153.4	284.8

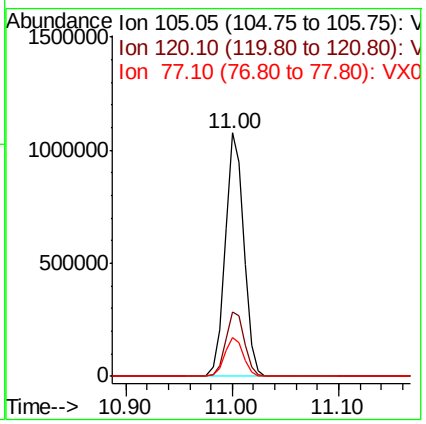




#58
Isopropylbenzene
Concen: 29.791 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion:105 Resp: 1317474

Ion	Ratio	Lower	Upper
105	100		
120	27.0	20.2	30.2
77	16.0	13.3	19.9



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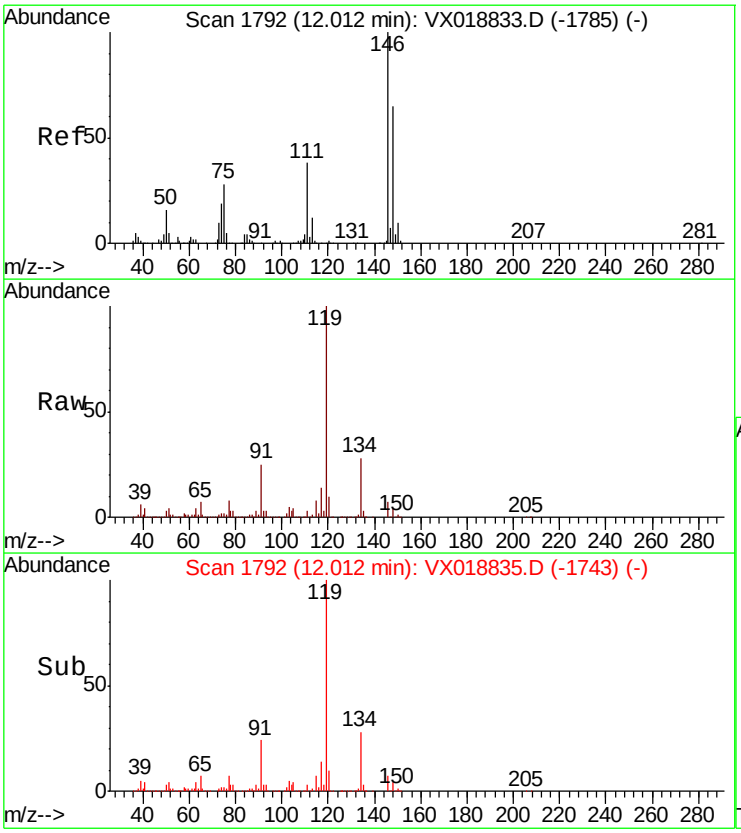
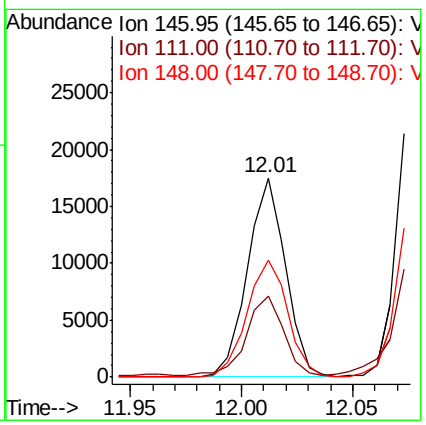
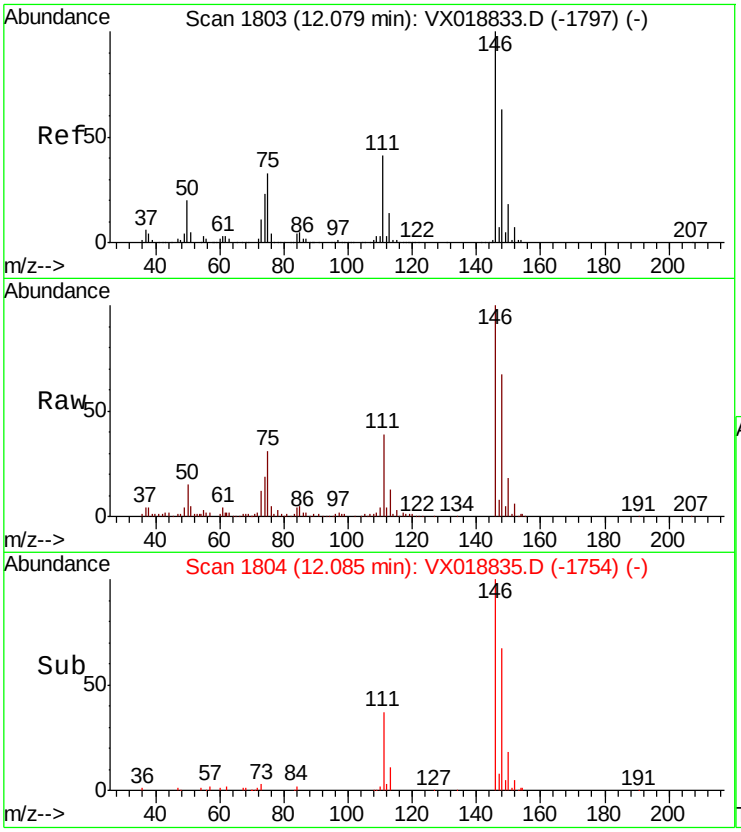


#63
1,3-Dichlorobenzene
Concen: 0.904 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion:146 Resp: 20922

Ion	Ratio	Lower	Upper
146	100		
111	40.6	28.4	52.8
148	58.7	45.9	85.3

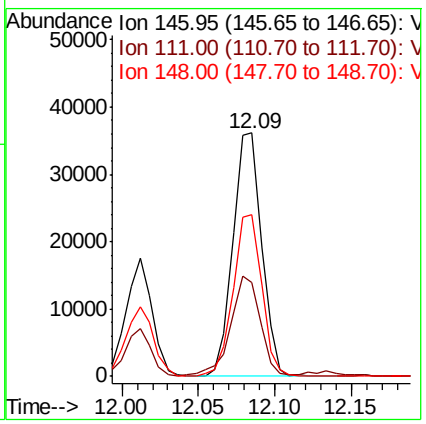




#64
1,4-Dichlorobenzene
Concen: 2.048 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion:146 Resp: 47252

Ion	Ratio	Lower	Upper
146	100		
111	38.5	28.6	53.2
148	66.6	44.2	82.0



Instrument :
MSVOA_X
ClientSampleId :
BG3T0

Manual Integrations APPROVED
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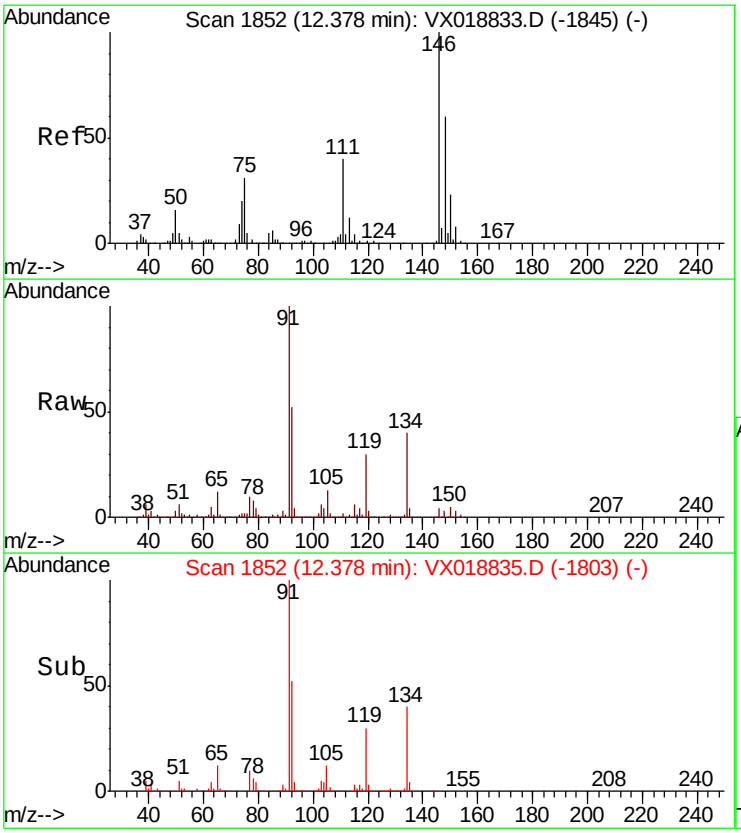
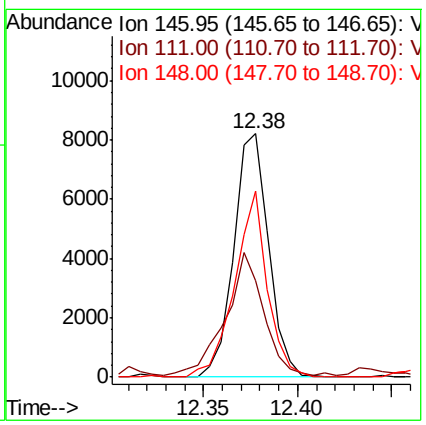
10/10/2020 10:24:30 AM

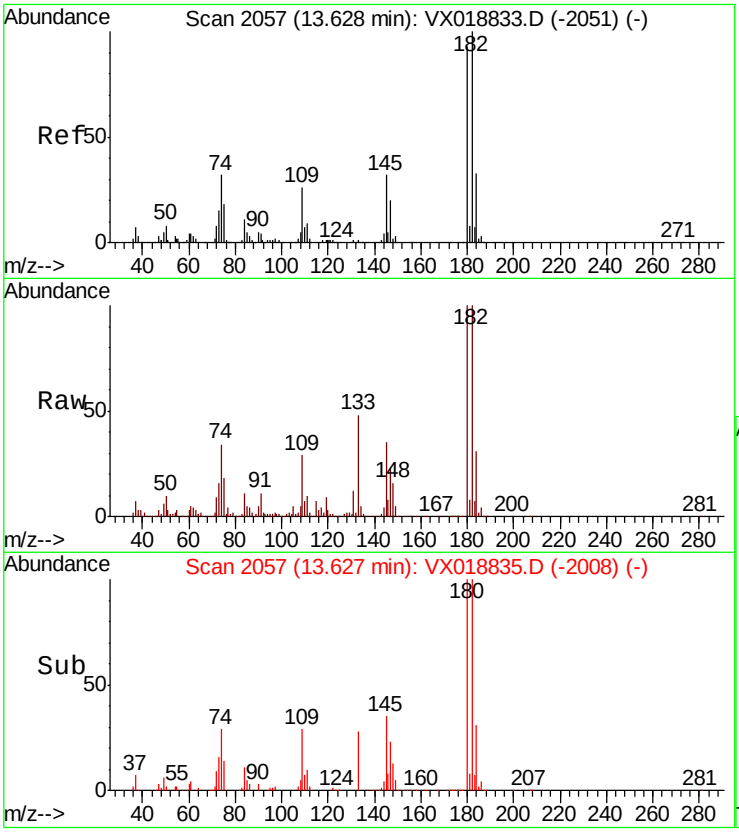


#66
1,2-Dichlorobenzene
Concen: 0.487 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion:146 Resp: 10513

Ion	Ratio	Lower	Upper
146	100		
111	39.8	31.7	47.5
148	76.2	49.0	73.6#

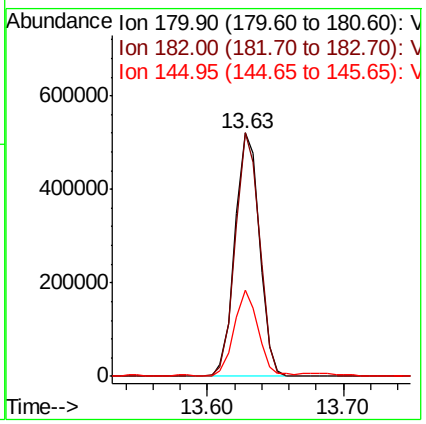




#69
1,2,4-trichlorobenzene
Concen: 44.302 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

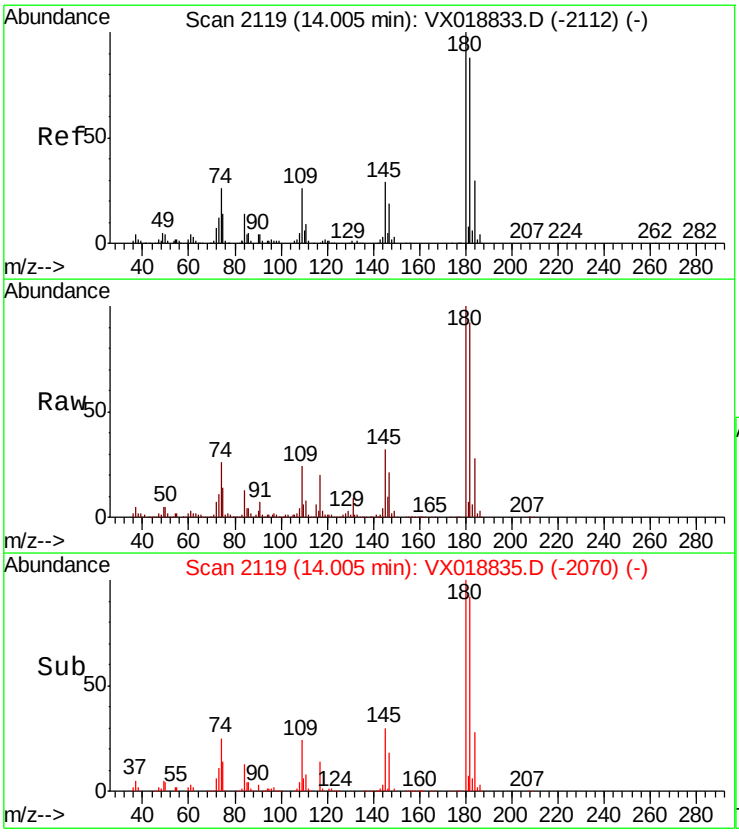
Tgt Ion:180 Resp: 655014

Ion	Ratio	Lower	Upper
180	100		
182	98.0	80.2	120.4
145	34.3	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
BG3T0

Manual Integrations APPROVED
MMDadoda
10/10/2020 10:24:30 AM



#71
1,2,3-Trichlorobenzene
Concen: 15.044 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX018835.D
Acq: 08 Oct 2020 13:41

Tgt Ion:180 Resp: 200127

Ion	Ratio	Lower	Upper
180	100		
182	95.2	73.6	110.4
145	35.9	26.6	40.0