Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
Data File : VX016676.D
Acq On : 10 Jun 2020 15:46
Operator : JC/SP
Sample : L2963-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-200608

Manual Integrations APPROVED
MMDadoda
6/11/2020 12:46:15 PM

Quant Time: Jun 11 04:10:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	211111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	334822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	342531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	177778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	126777	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.72%			
35) Dibromofluoromethane	5.47	113	103469	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
50) Toluene-d8	8.70	98	414474	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.30%			
62) 4-Bromofluorobenzene	11.12	95	168573	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.74%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.39	62	175446	66.079	ug/l	99
16) Acetone	2.42	43	2730	2.377	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	7951	3.059	ug/l	86
40) Benzene	6.12	78	3992	0.423	ug/l #	90
65) Chlorobenzene	10.12	112	28232	4.043	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1434	0.256	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	8348m	1.458	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	9345	1.723	ug/l	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061020\
Data File : VX016676.D
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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-200608

Manual Integrations APPROVED
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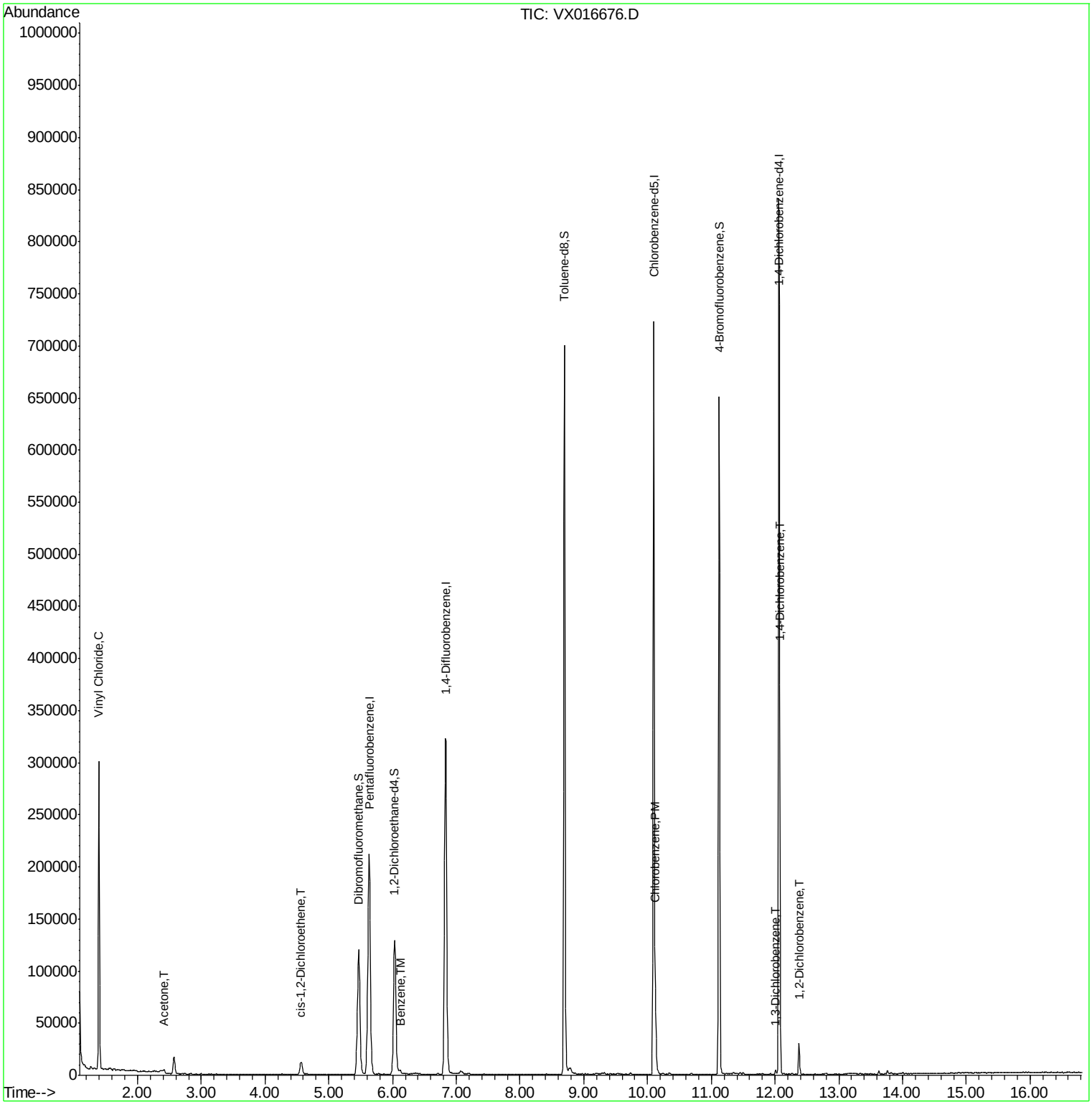
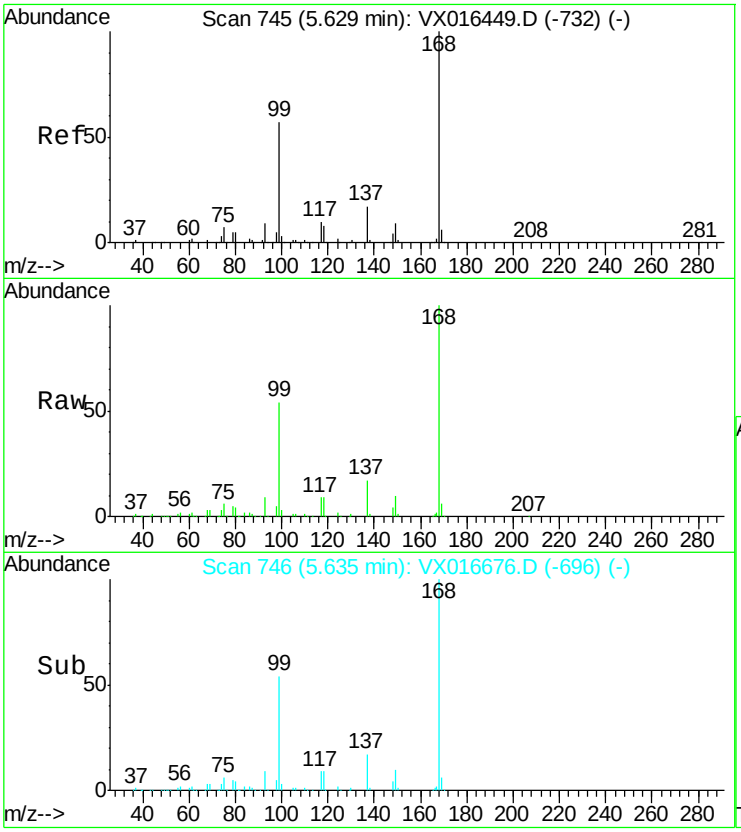
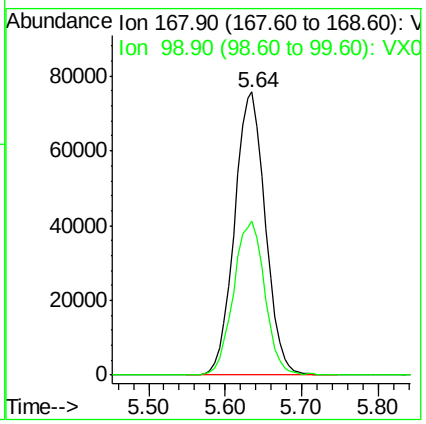




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion:168 Resp: 211111

Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.2	67.8



Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-200608

Manual Integrations APPROVED
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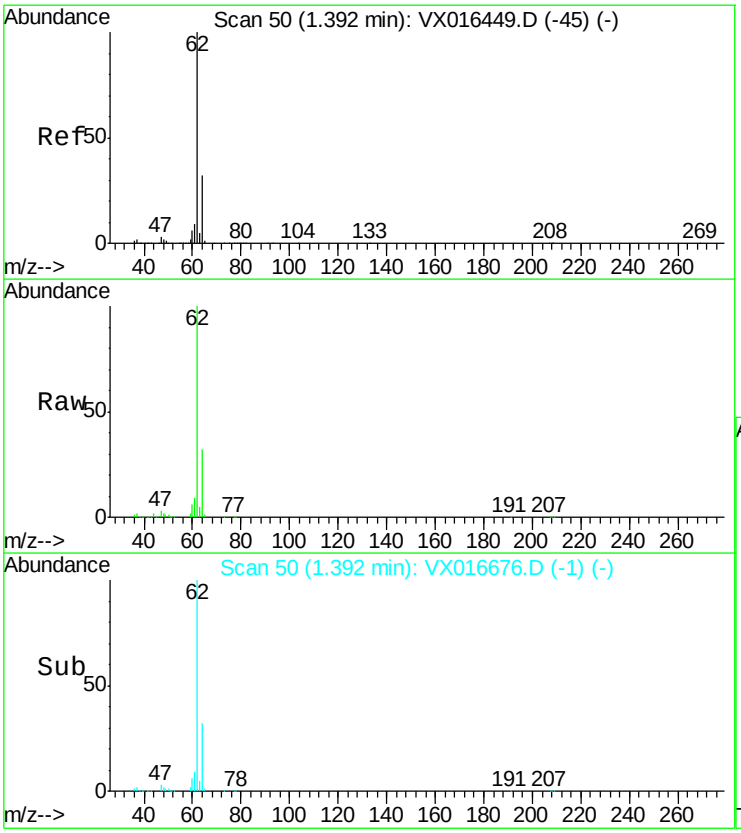
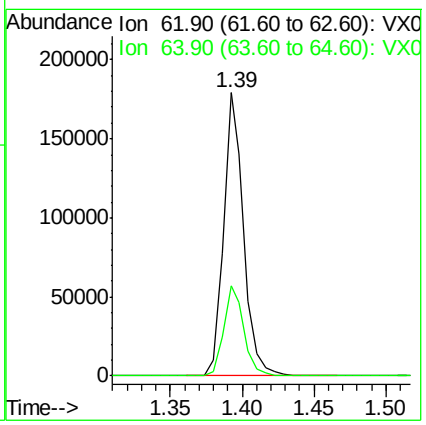
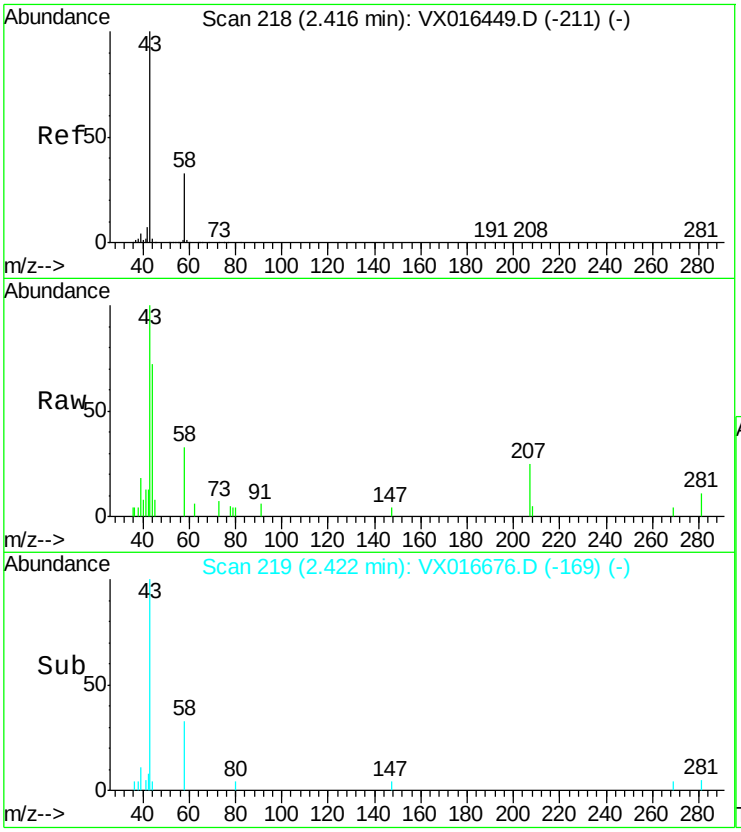


#4
Vinyl Chloride
Concen: 66.079 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion: 62 Resp: 175446

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.9	38.9





#16
Acetone
Concen: 2.377 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion: 43 Resp: 2730

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.1	39.1

Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-200608

Manual Integrations APPROVED
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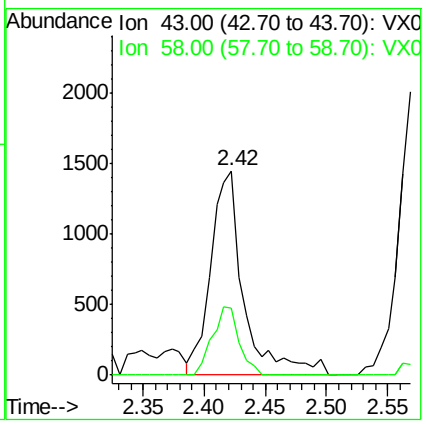
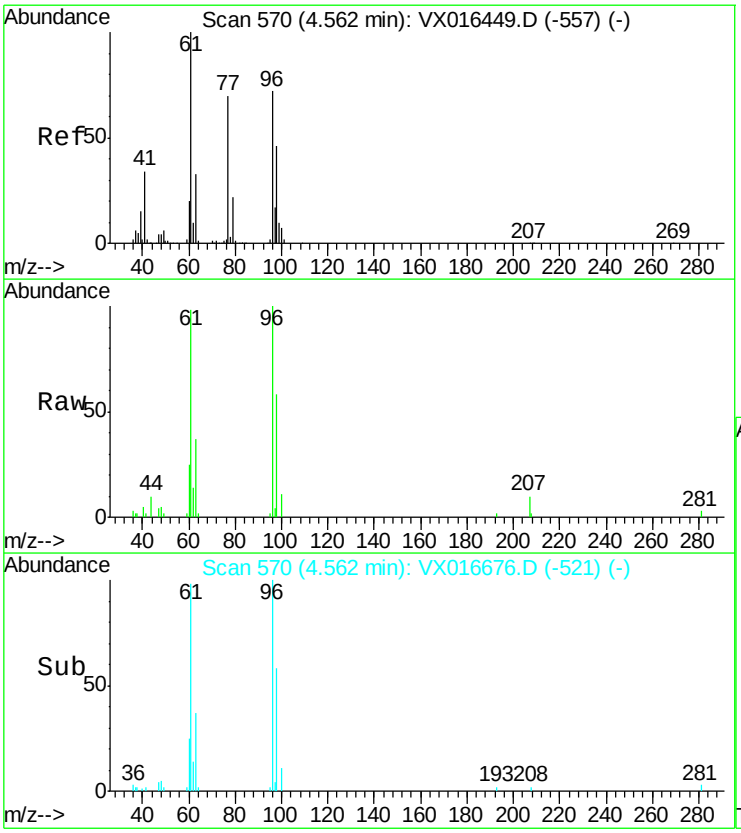
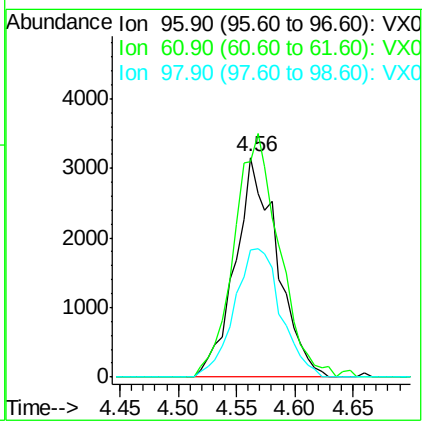


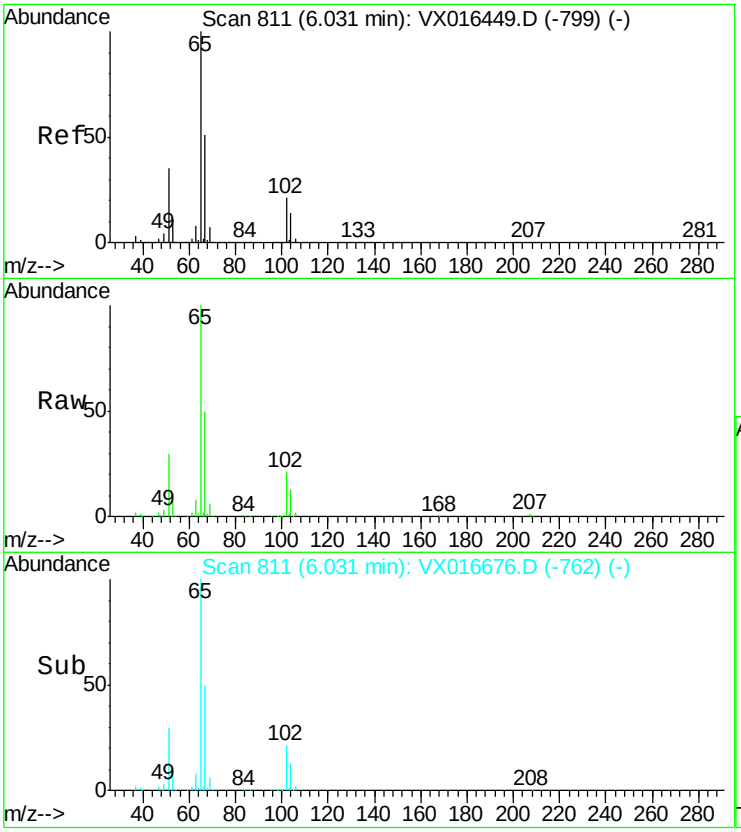


#27
cis-1,2-Dichloroethene
Concen: 3.059 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion: 96 Resp: 7951

Ion	Ratio	Lower	Upper
96	100		
61	118.2	0.0	284.6
98	64.4	0.0	127.2





#33
1,2-Dichloroethane-d4
Concen: 48.356 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion: 65 Resp: 126777

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8

Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-200608

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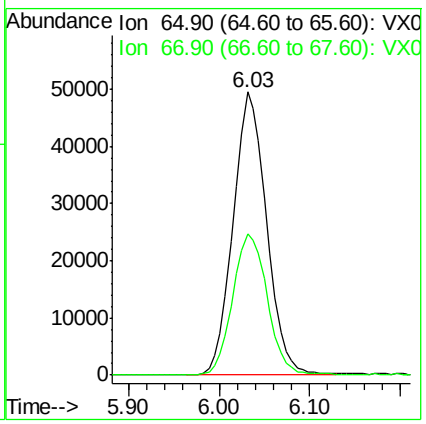
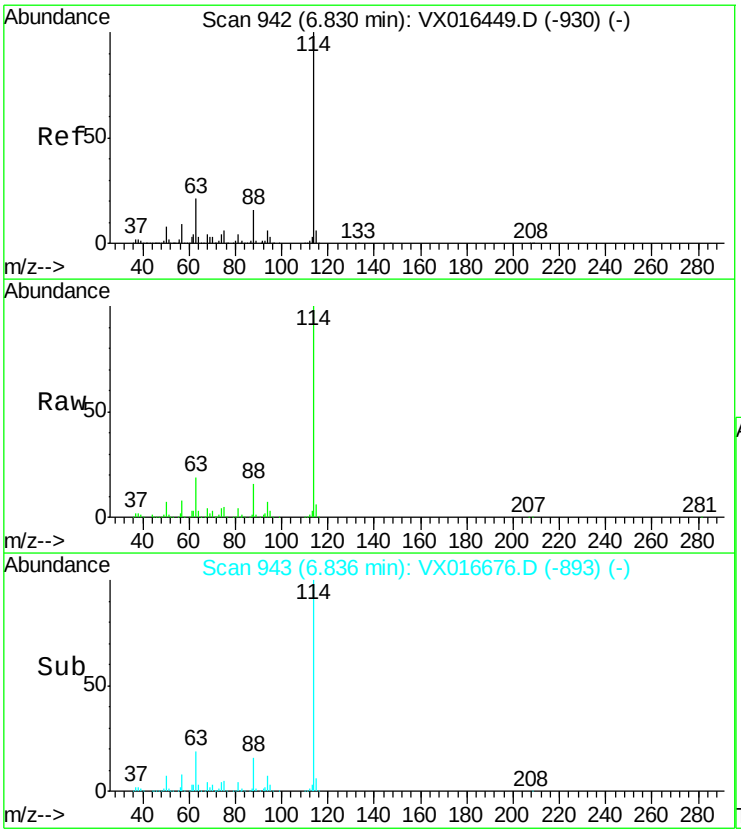
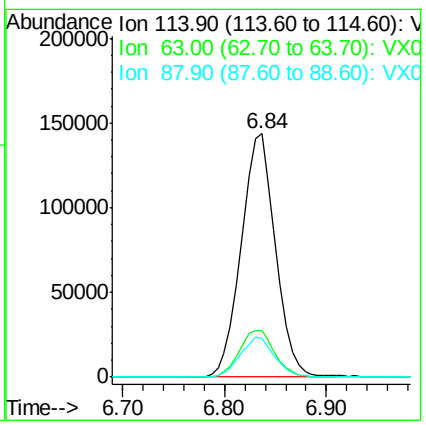


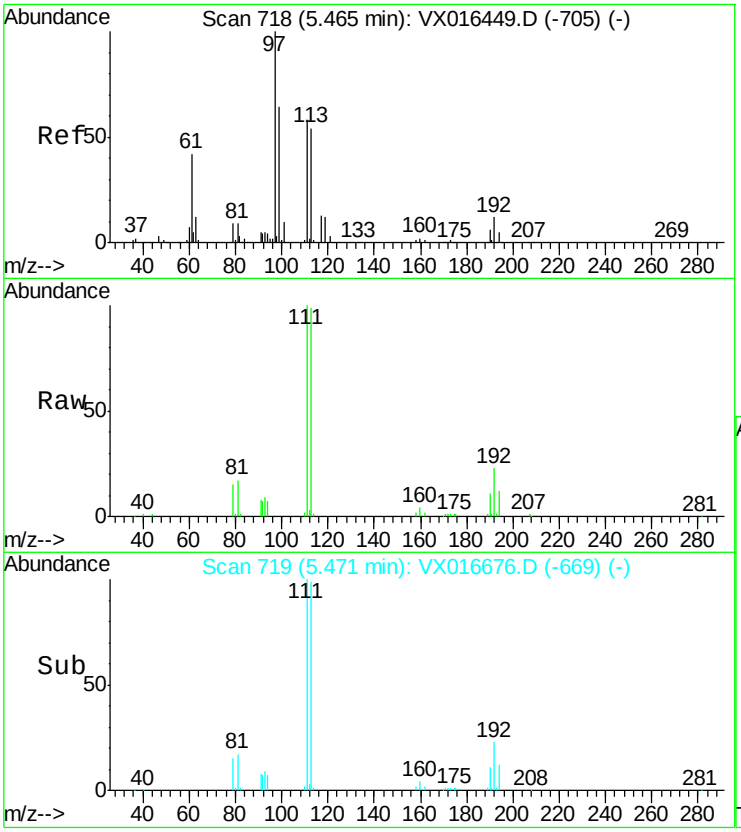


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion:114 Resp: 334822

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.6
88	16.2	0.0	32.8

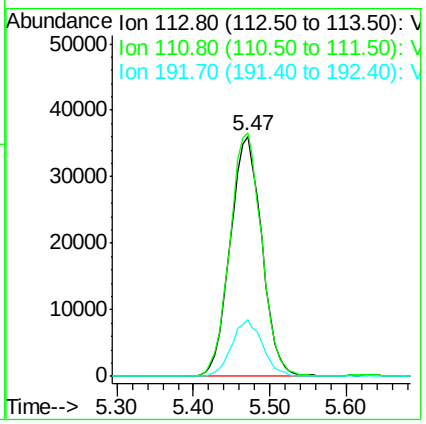




#35
Dibromofluoromethane
Concen: 50.187 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion:113 Resp: 103469

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.6
192	23.1	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-200608

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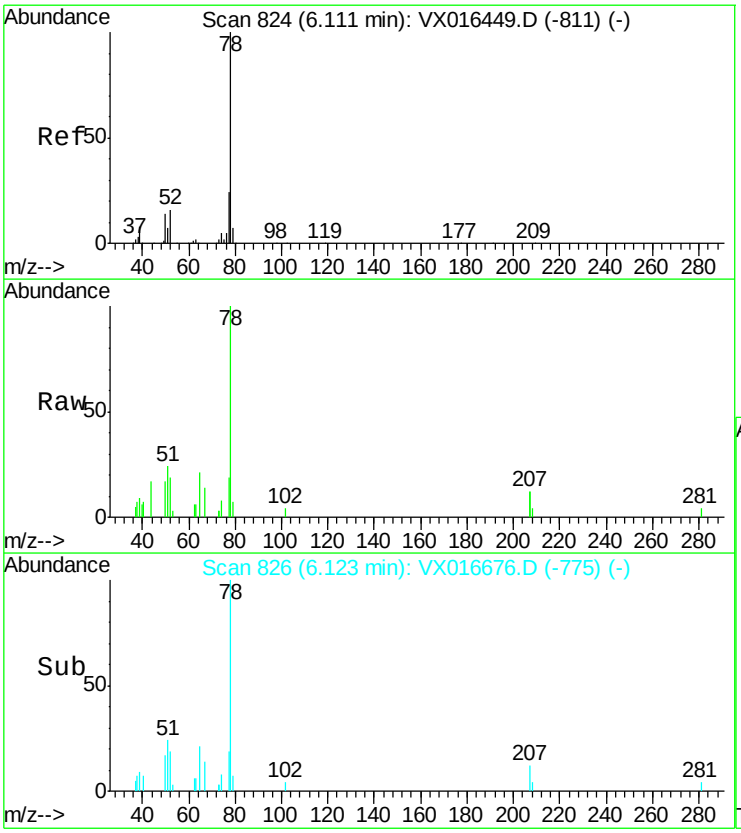
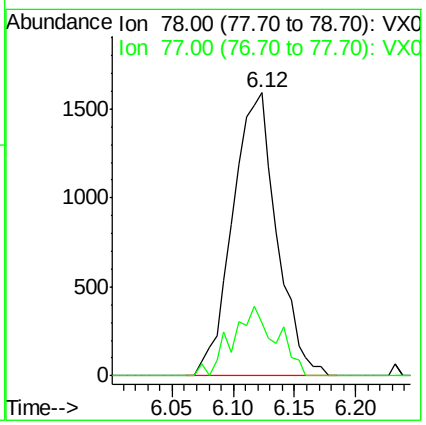
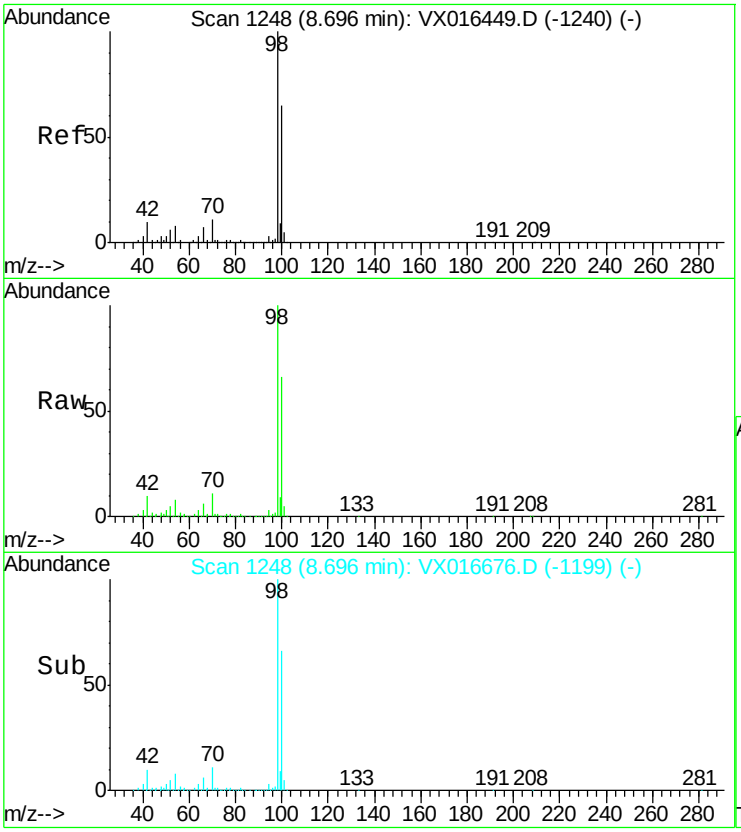


#40
Benzene
Concen: 0.423 ug/l
RT: 6.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion: 78 Resp: 3992

Ion	Ratio	Lower	Upper
78	100		
77	18.7	18.9	28.3#

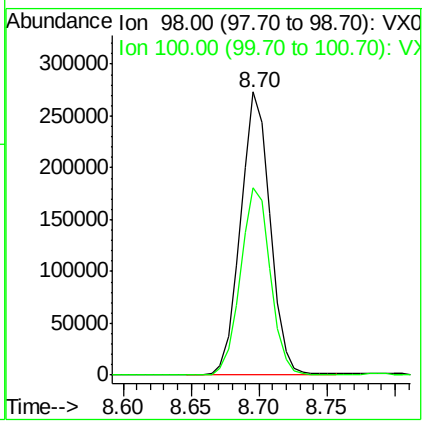




#50
Toluene-d8
Concen: 51.652 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion: 98 Resp: 414474

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.8	80.6



Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-200608

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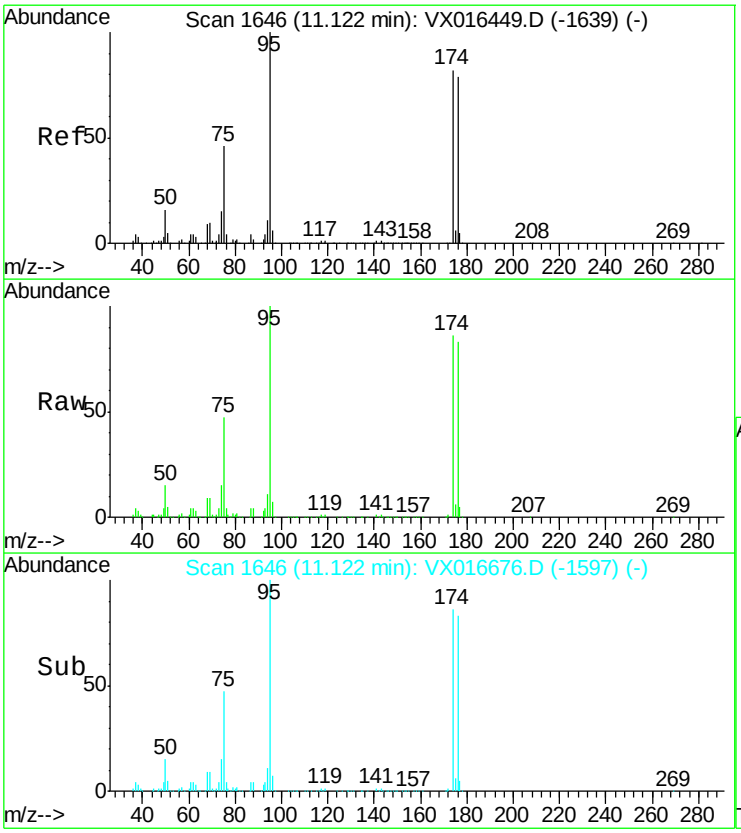
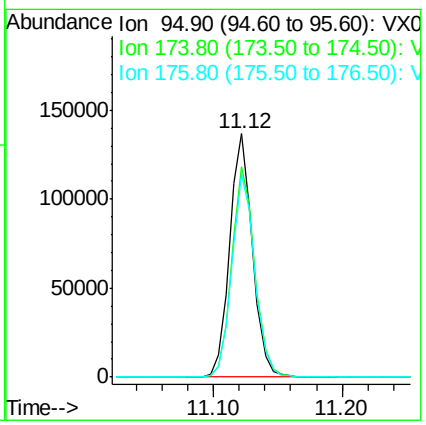
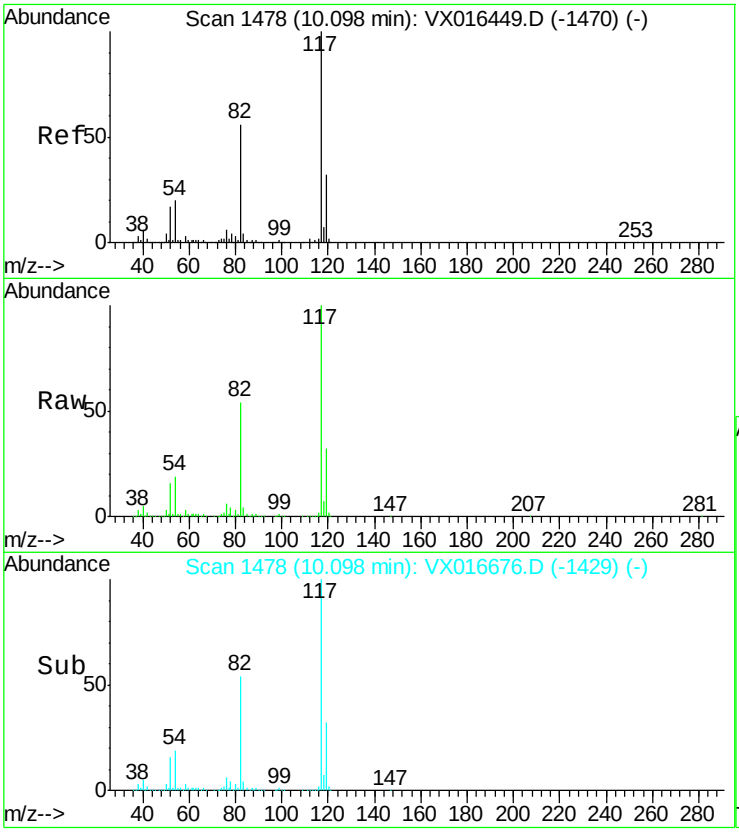


#62
4-Bromofluorobenzene
Concen: 54.368 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion: 95 Resp: 168573

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	163.0
176	83.8	0.0	156.8

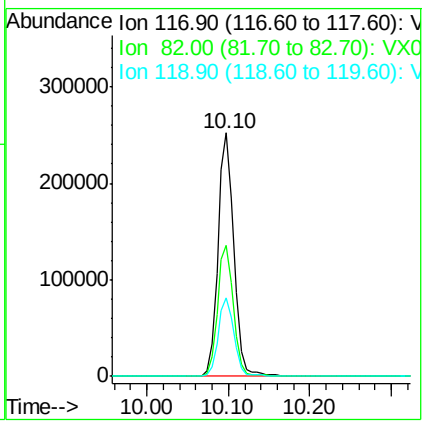




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion:117 Resp: 342531

Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.6
119	32.1	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-200608

Manual Integrations APPROVED
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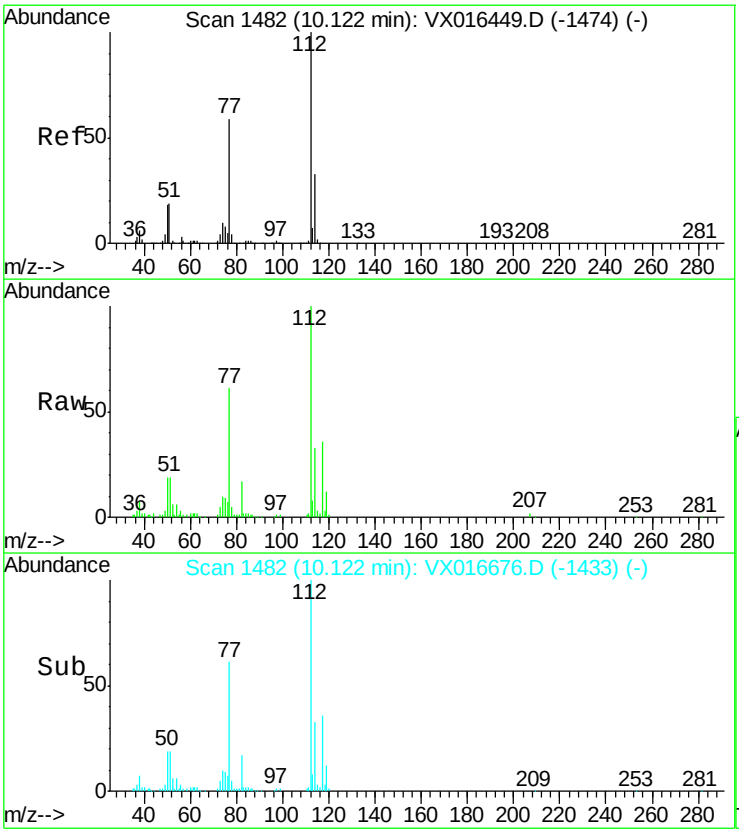
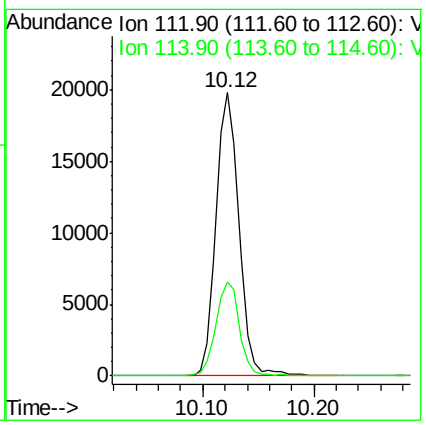
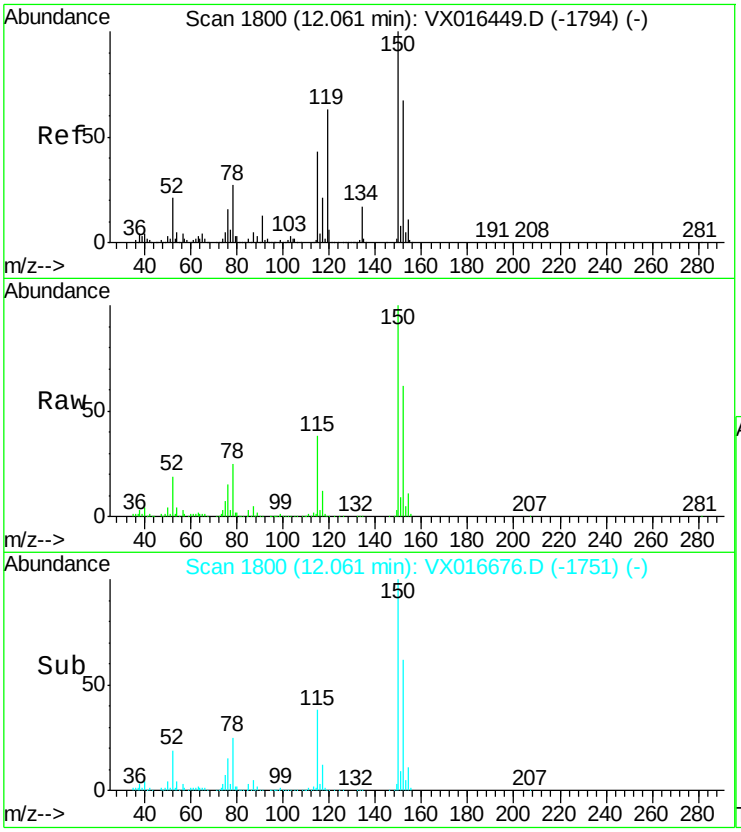


#65
Chlorobenzene
Concen: 4.043 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion:112 Resp: 28232

Ion	Ratio	Lower	Upper
112	100		
114	33.3	26.0	39.0

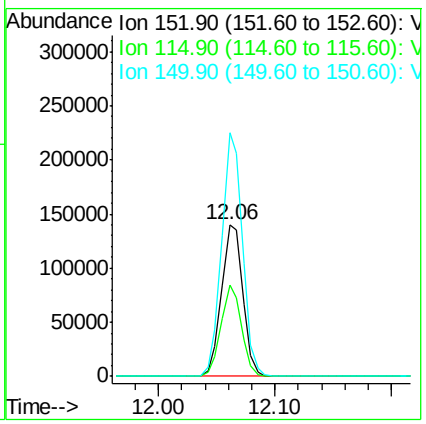




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion:152 Resp: 177778

Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.9	119.6
150	155.6	0.0	341.0



Instrument :
MSVOA_X
ClientSampleId :
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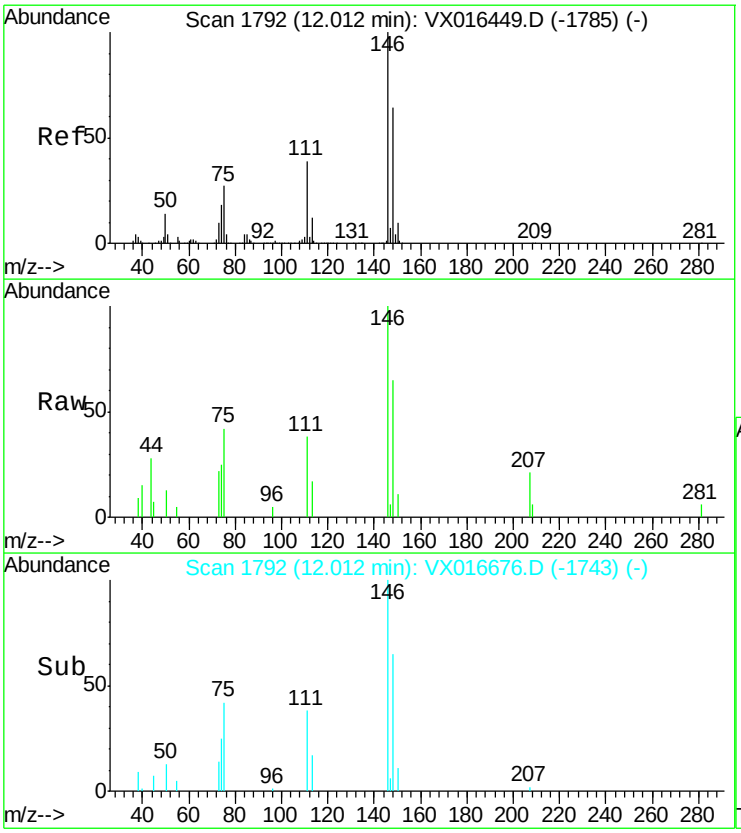
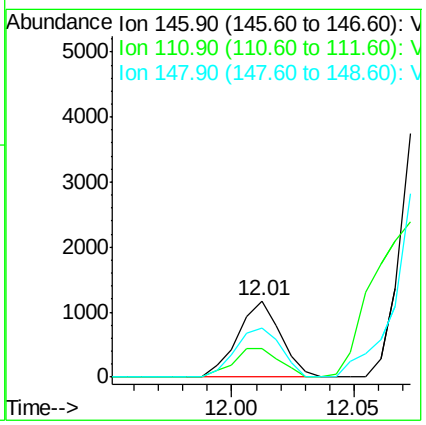
6/11/2020 12:46:15 PM

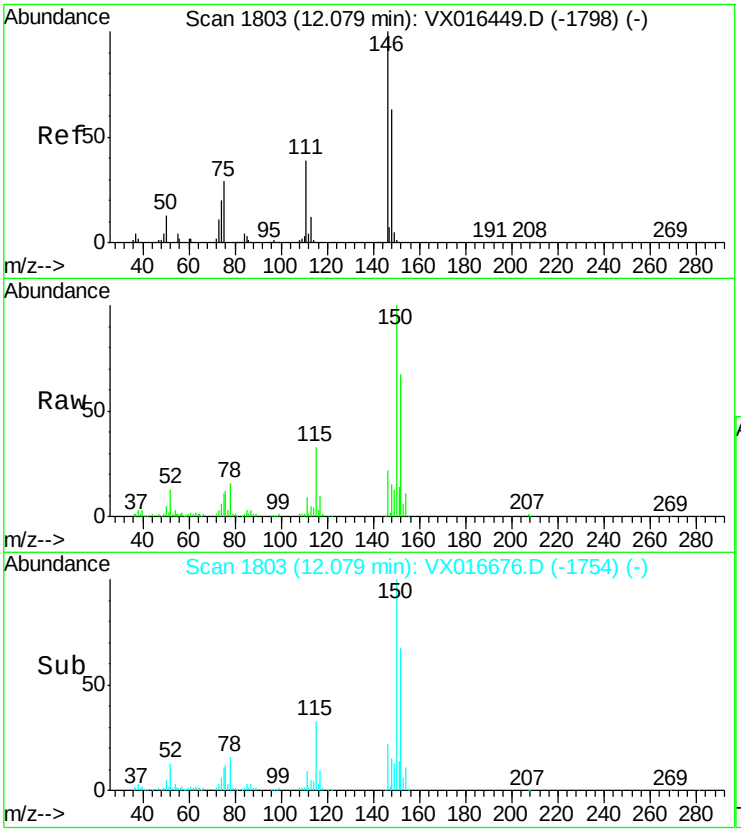


#87
1,3-Dichlorobenzene
Concen: 0.256 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion:146 Resp: 1434

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	60.0
148	69.0	31.9	95.5





#88
1,4-Dichlorobenzene
Concen: 1.458 ug/l m
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion:146 Resp: 8348

Ion	Ratio	Lower	Upper
146	100		
111	7.0	19.4	58.2#
148	11.8	31.4	94.3#

Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-200608

Manual Integrations APPROVED
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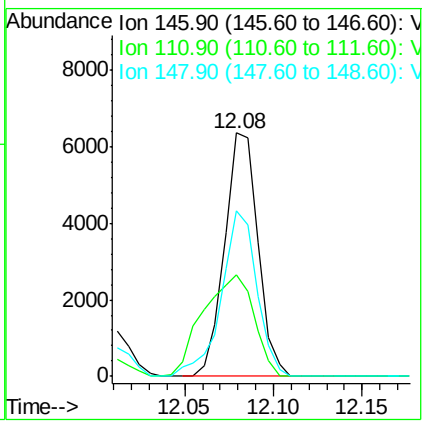

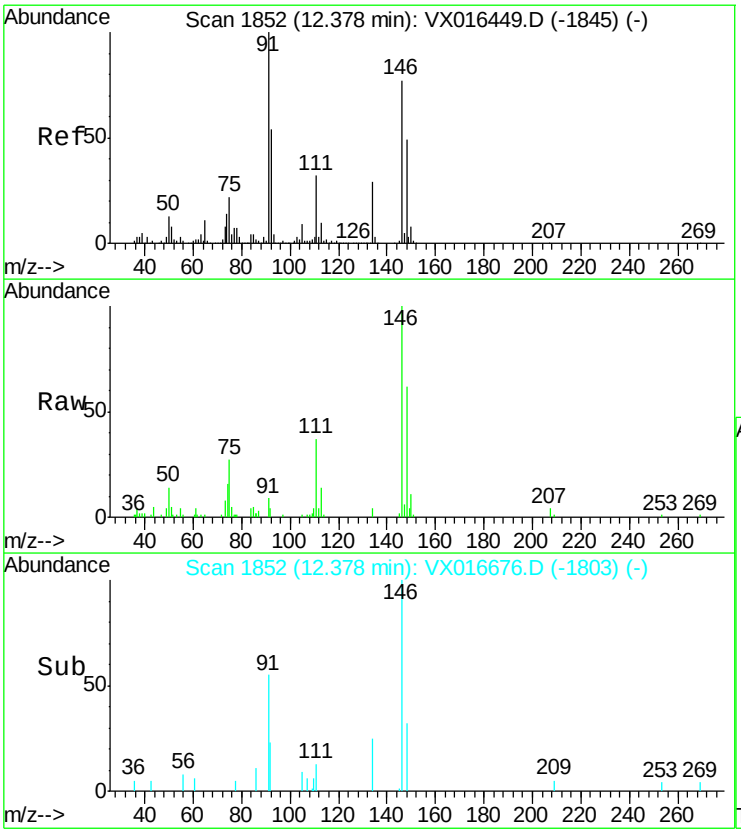

#91
1,2-Dichlorobenzene
Concen: 1.723 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016676.D
Acq: 10 Jun 2020 15:46

Tgt Ion:146 Resp: 9345

Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.4	64.3
148	62.6	31.9	95.7