

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064763.D
 Acq On : 20 Nov 2020 6:19
 Operator : JC/MD
 Sample : L4798-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 15BR-20201118

Manual Integrations
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 11/24/2020 3:11:37 PM

Quant Time: Nov 20 07:45:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	258104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	603188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	479738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	232410	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	7.55	113	156474	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
50) Toluene-d8	10.06	98	596264	38.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.42%	
62) 4-Bromofluorobenzene	12.38	95	258014	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	55815	17.307	ug/l	98
4) Vinyl Chloride	2.17	62	776452	208.665	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55063	19.118	ug/l	97
12) 1,1-Dichloroethene	3.70	96	59011	21.266	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	68163	22.015	ug/l	94
27) cis-1,2-Dichloroethene	6.78	96	9565169	2802.069	ug/l	80
29) Tetrahydrofuran	7.17	42	2478m	2.113	ug/l	
44) Trichloroethene	8.80	130	11094057	2235.693	ug/l	94
64) Tetrachloroethene	10.60	164	1896	0.446	ug/l	93

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

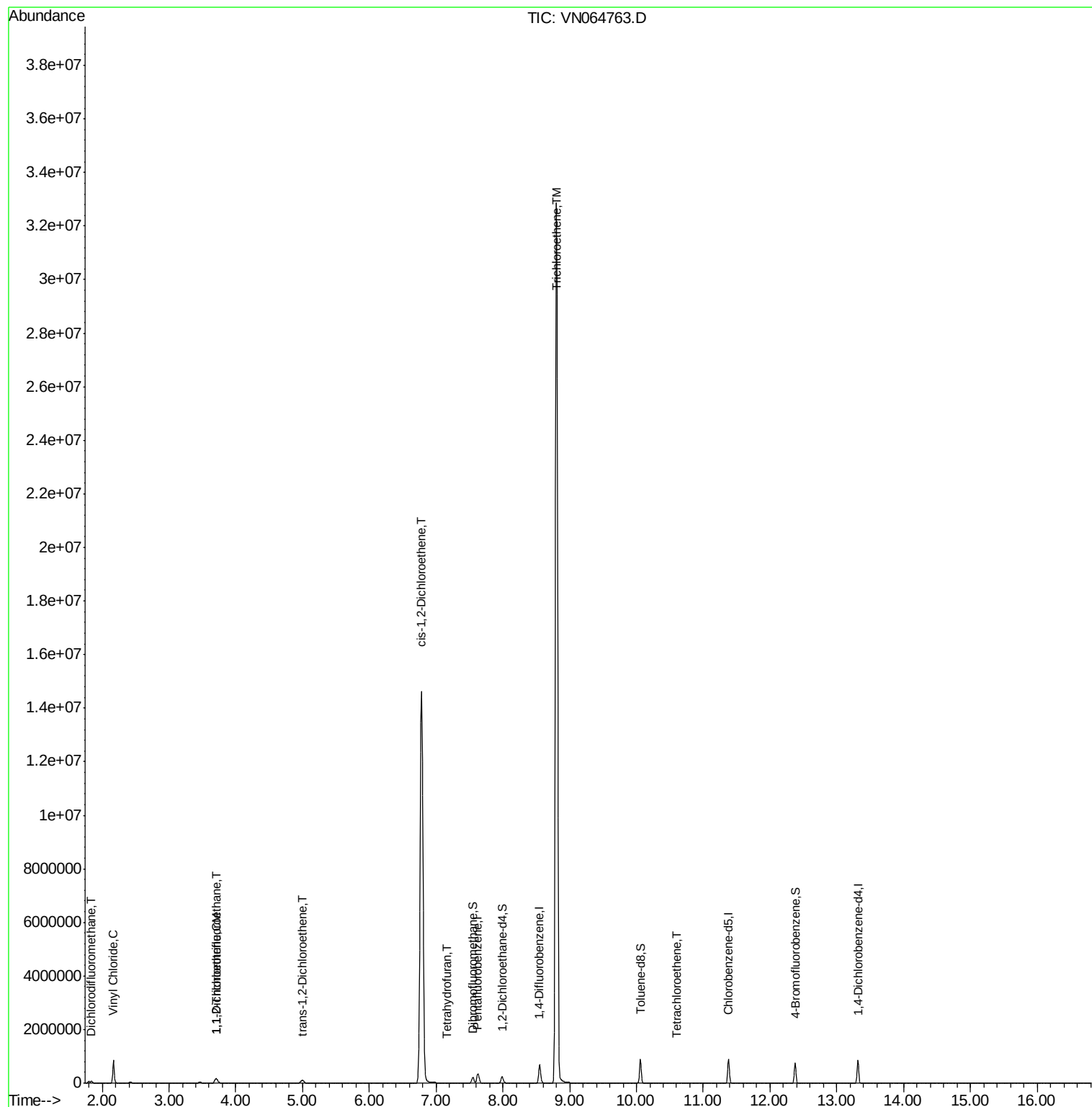
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111920\
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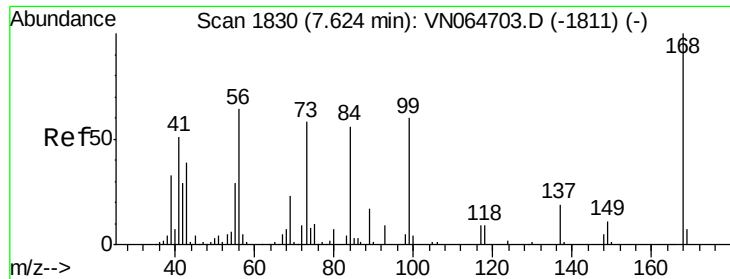
Instrument :
MSVOA_N
ClientSampleId :
15BR-20201118

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Quant Time: Nov 20 07:45:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064763.D

Acq: 20 Nov 2020 6:19

Instrument :

MSVOA_N

ClientSampleId :

15BR-20201118

Tot Ion:168 Resp: 258104

Ion Ratio Lower Upper

168 100

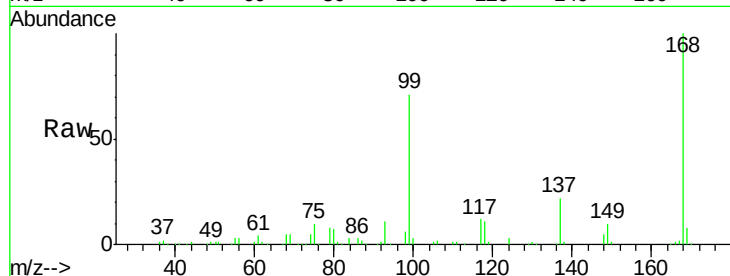
99 71.2 55.7 83.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

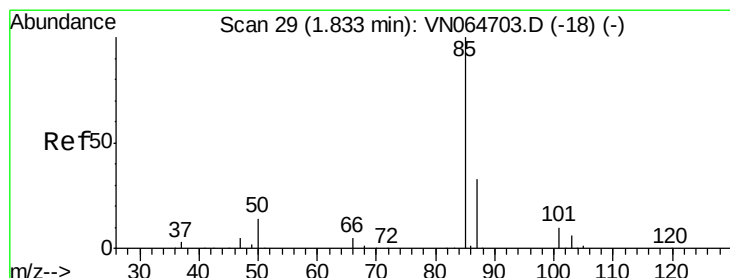
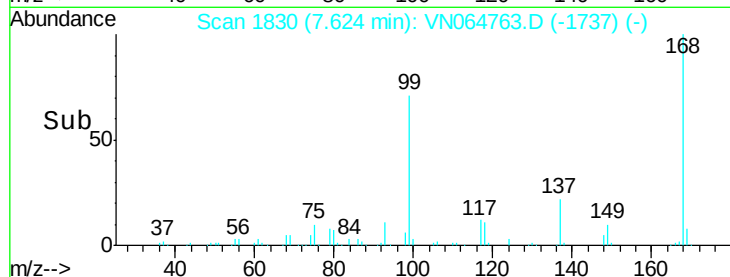
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.307 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064763.D

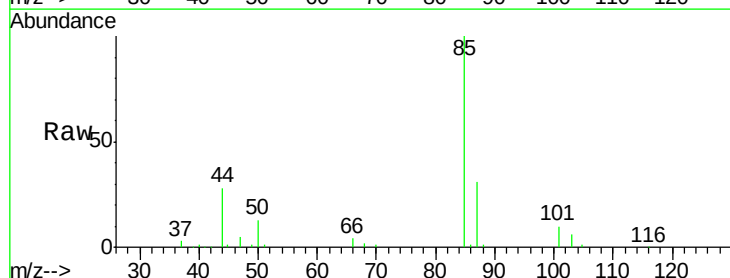
Acq: 20 Nov 2020 6:19

Tgt Ion: 85 Resp: 55815

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

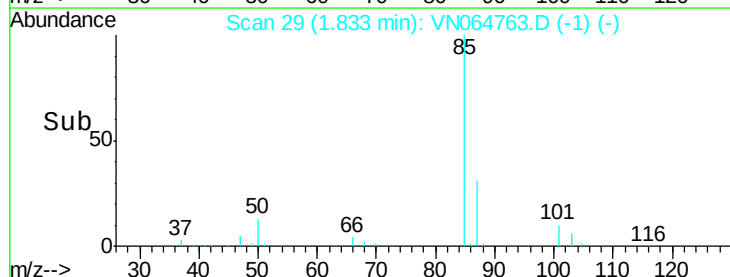
30000

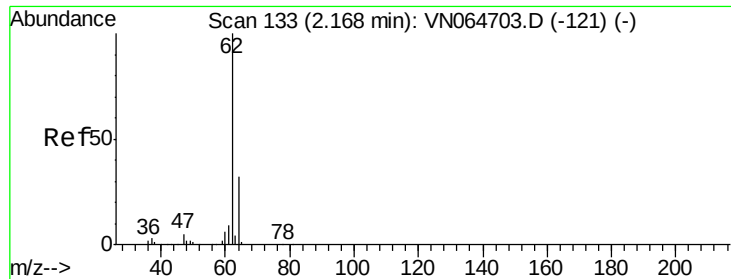
20000

10000

0

Time--> 1.80 1.85 1.90





#4

Vinyl Chloride

Concen: 208.665 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064763.D

Acq: 20 Nov 2020 6:19

Instrument :

MSVOA_N

ClientSampleId :

15BR-20201118

Tot Ion: 62 Resp: 776452

Ion Ratio Lower Upper

62 100

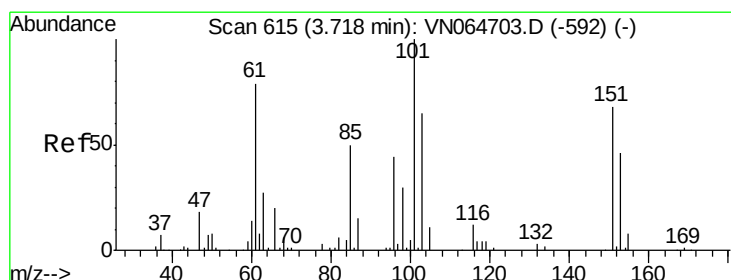
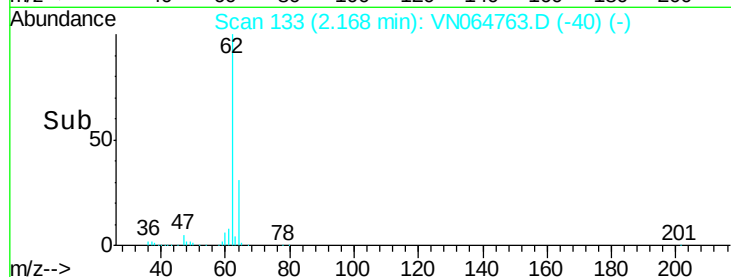
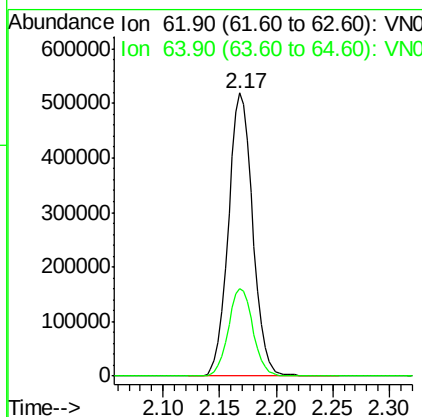
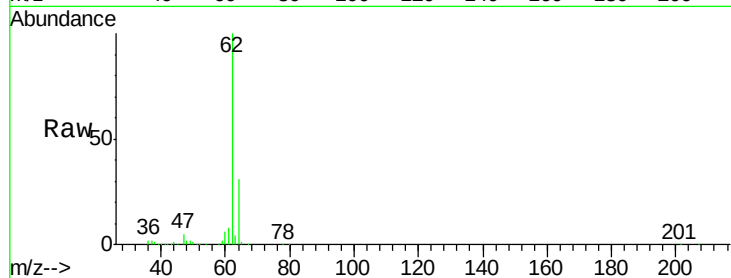
64 31.1 25.2 37.8

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.118 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064763.D

Acq: 20 Nov 2020 6:19

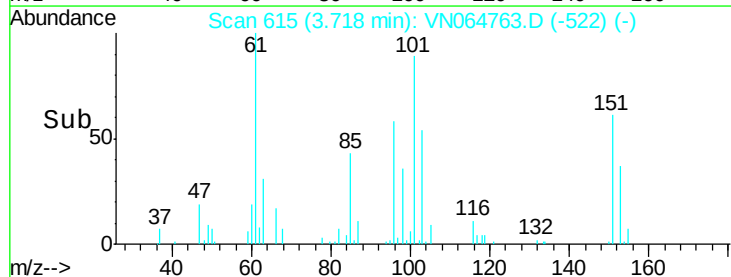
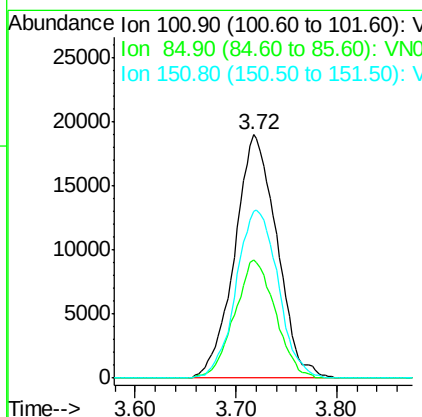
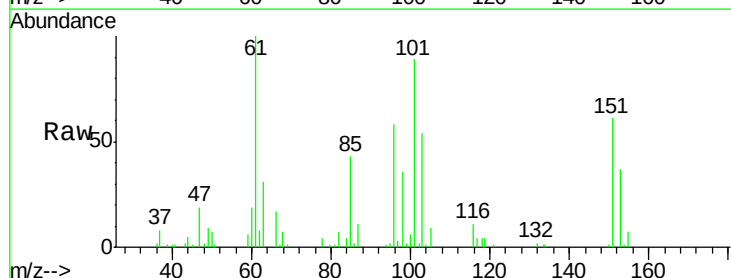
Tgt Ion: 101 Resp: 55063

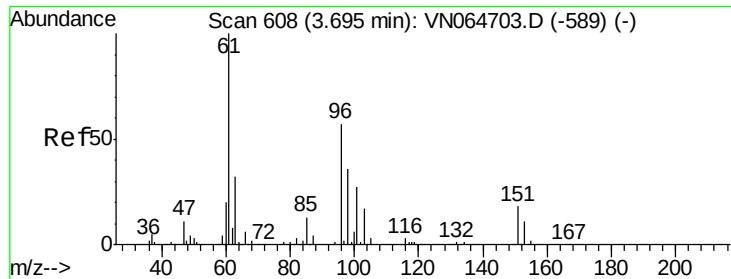
Ion Ratio Lower Upper

101 100

85 47.0 39.0 58.4

151 68.7 57.2 85.8





#12

1,1-Dichloroethene

Concen: 21.266 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064763.D

Acq: 20 Nov 2020 6:19

Instrument :

MSVOA_N

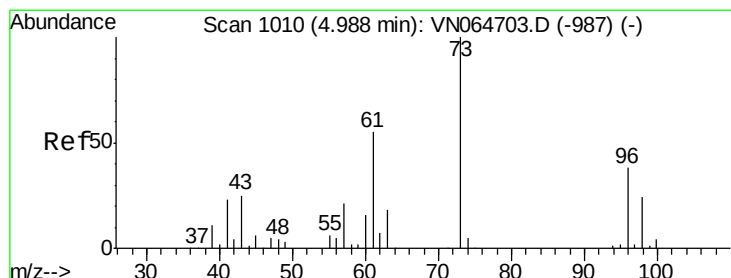
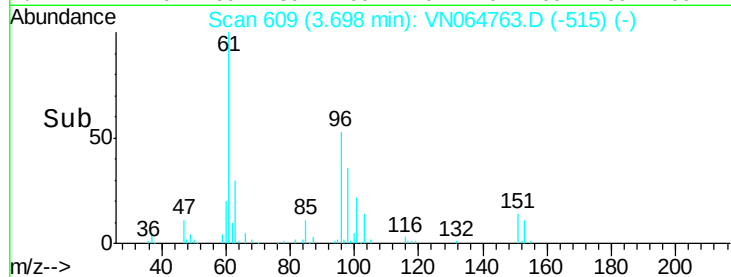
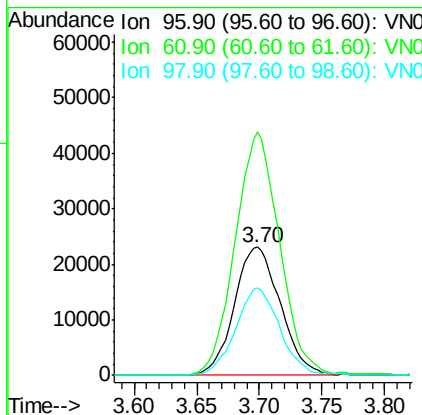
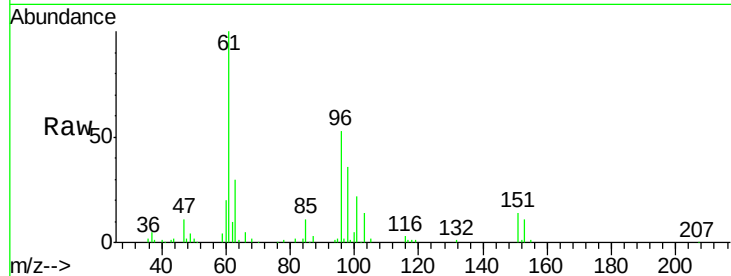
ClientSampleId :

15BR-20201118

Tot Ion:	96	Resp:	59011
Ion Ratio	Lower	Upper	
96	100		
61	189.2	139.1	208.7
98	68.6	50.2	75.2

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#21

trans-1,2-Dichloroethene

Concen: 22.015 ug/l

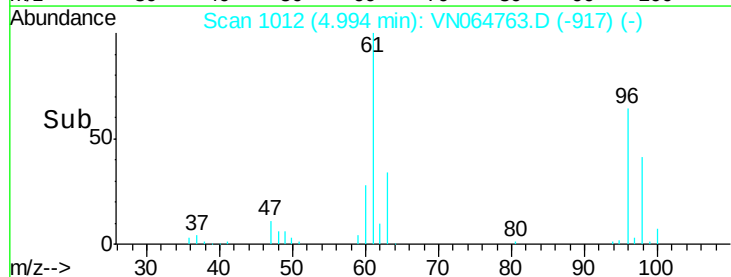
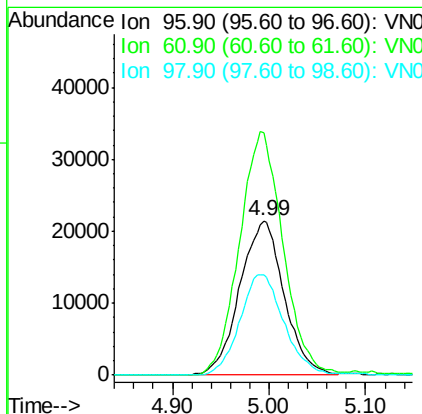
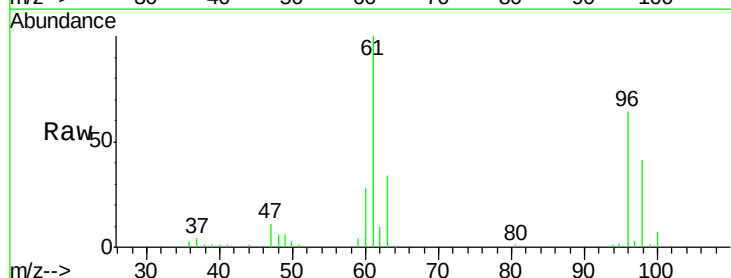
RT: 4.99 min Scan# 1012

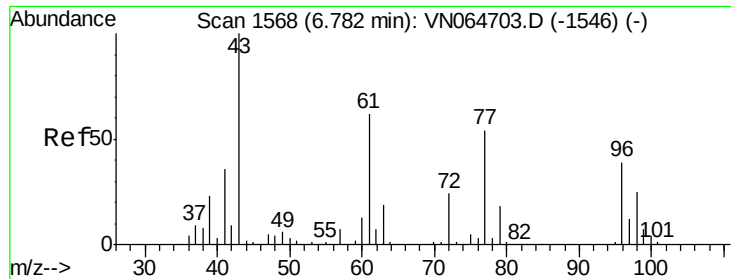
Delta R.T. 0.01 min

Lab File: VN064763.D

Acq: 20 Nov 2020 6:19

Tgt Ion:	96	Resp:	68163
Ion Ratio	Lower	Upper	
96	100		
61	157.1	117.9	176.9
98	64.8	51.1	76.7





#27

cis-1,2-Dichloroethene

Concen: 2802.069 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064763.D

Acq: 20 Nov 2020 6:19

Instrument :

MSVOA_N

ClientSampleId :

15BR-20201118

Tot Ion: 96 Resp: 9565169

Ion Ratio Lower Upper

96 100

61 126.5 0.0 322.6

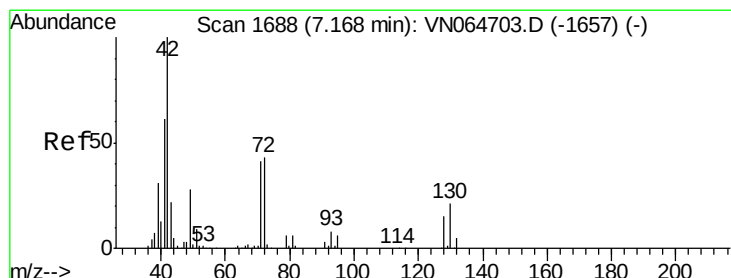
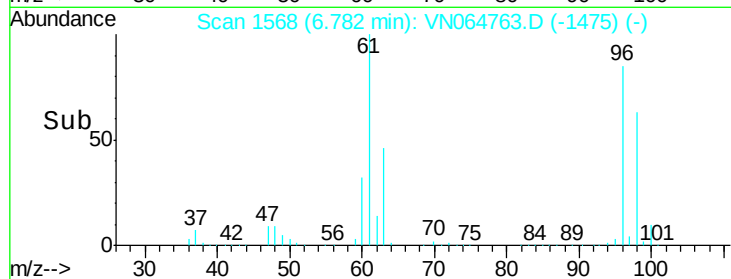
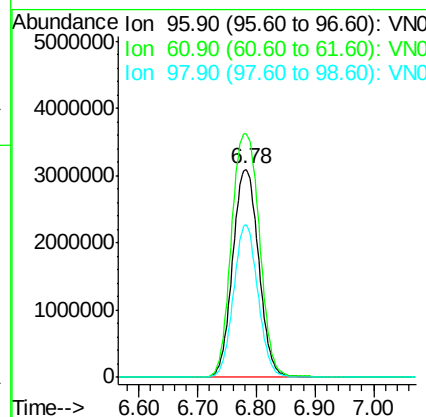
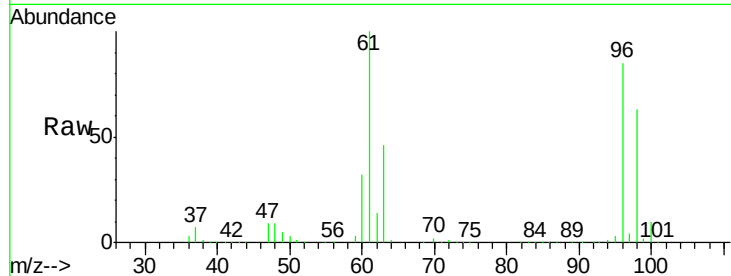
98 69.1 0.0 128.6

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#29

Tetrahydrofuran

Concen: 2.113 ug/l m

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN064763.D

Acq: 20 Nov 2020 6:19

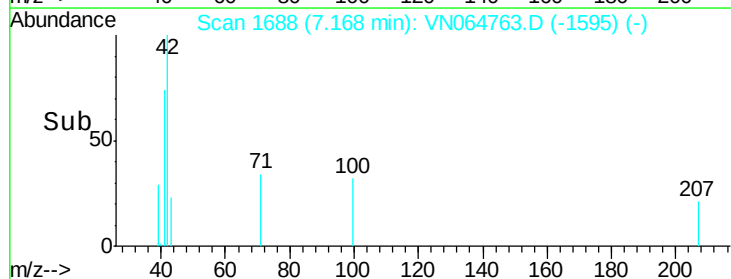
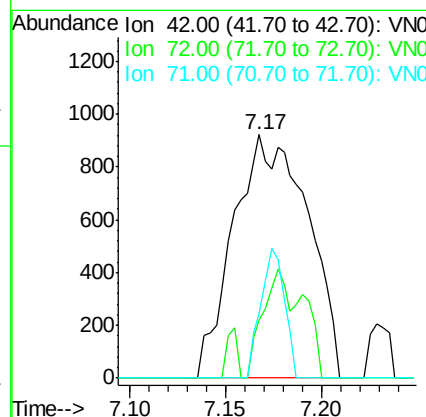
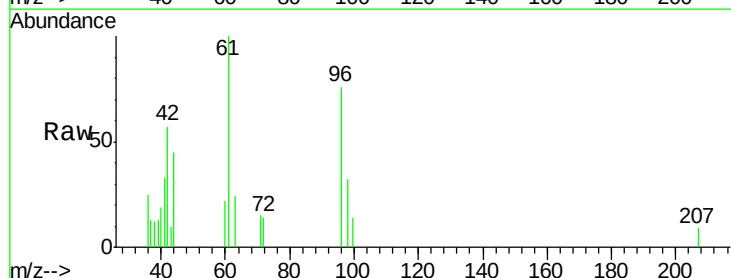
Tgt Ion: 42 Resp: 2478

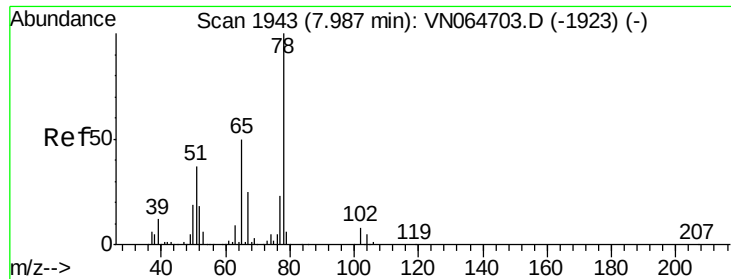
Ion Ratio Lower Upper

42 100

72 15.5 33.0 49.4#

71 17.2 31.8 47.6#





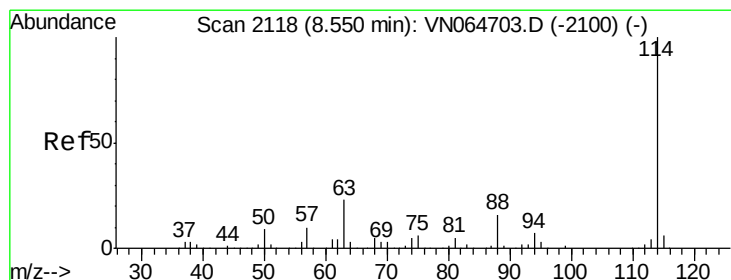
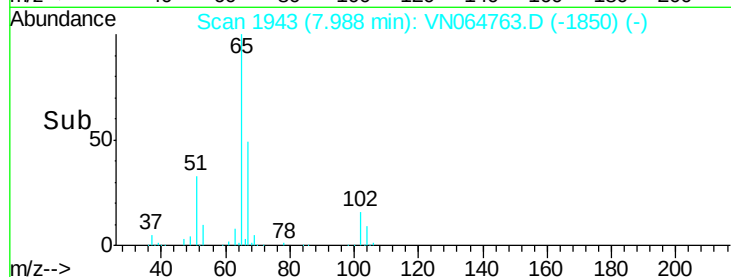
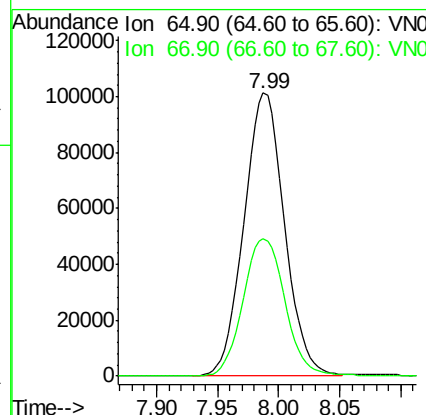
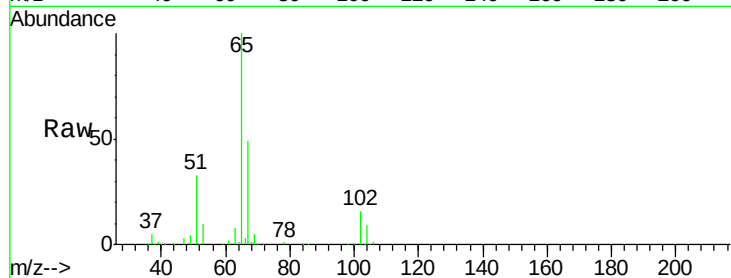
#33
 1,2-Dichloroethane-d4
 Concen: 51.186 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064763.D
 Acq: 20 Nov 2020 6:19

Instrument :
 MSVOA_N
 ClientSampleId :
 15BR-20201118

Tot Ion	Ratio	Resp	Lower	Upper
65	100	232410		
67	50.3	0.0	99.8	

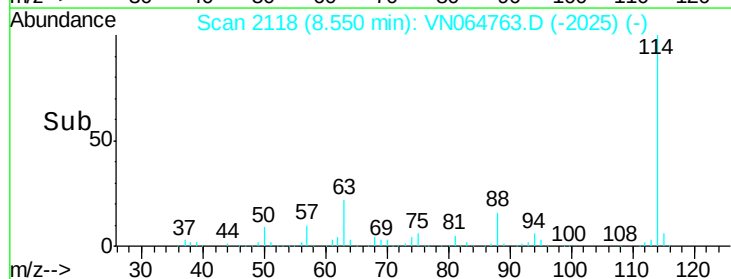
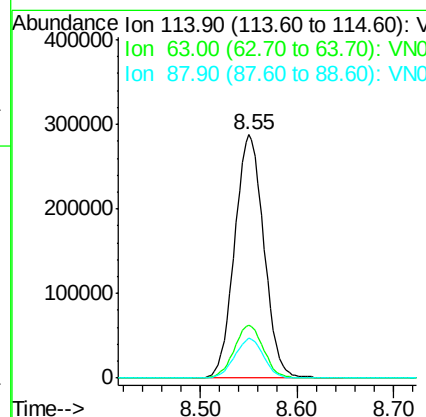
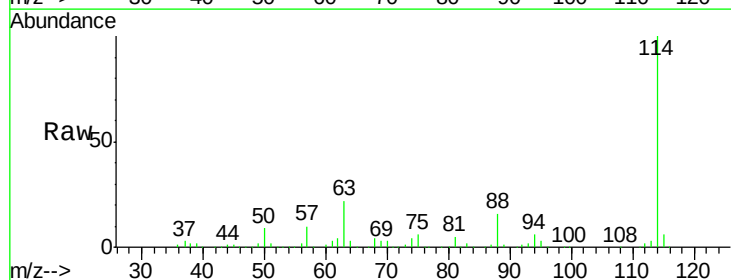
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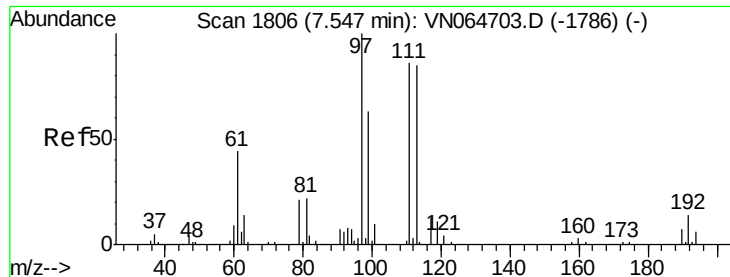
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064763.D
 Acq: 20 Nov 2020 6:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	603188		
63	21.8	0.0	46.0	
88	16.4	0.0	31.2	





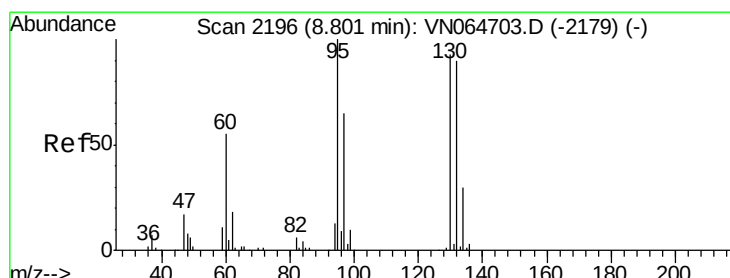
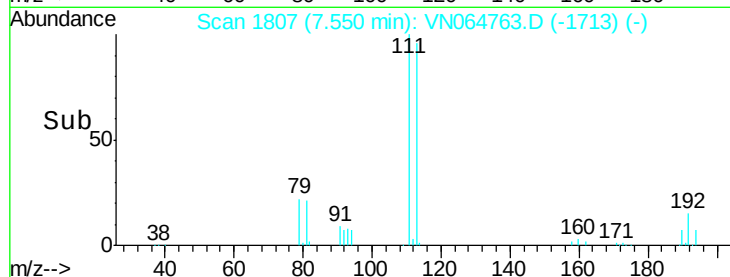
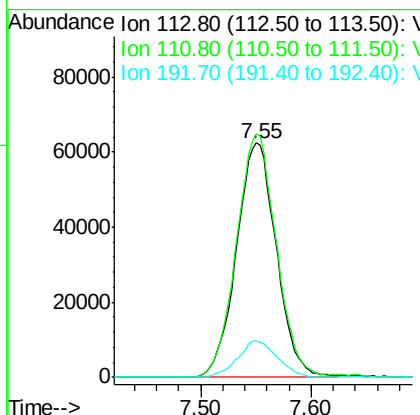
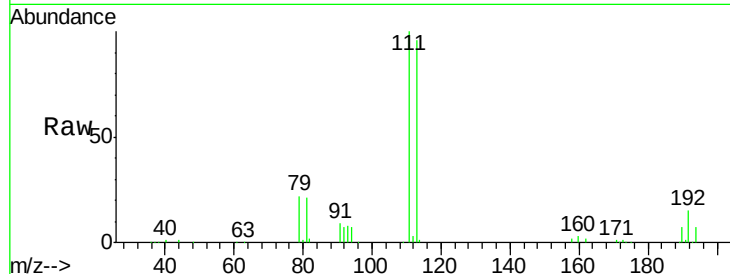
#35
Dibromofluoromethane
Concen: 45.577 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064763.D
Acq: 20 Nov 2020 6:19

Instrument :
MSVOA_N
ClientSampleId :
15BR-20201118

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.4
192	15.5	12.7	19.1

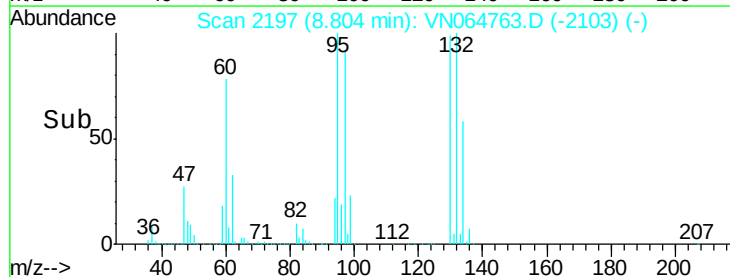
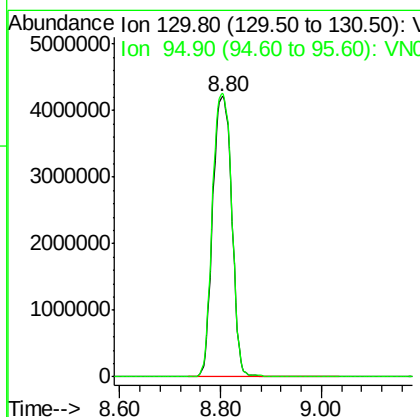
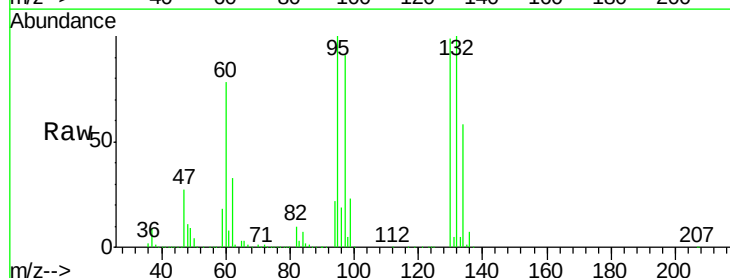
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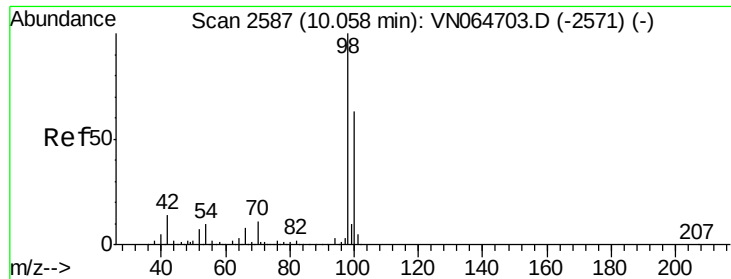
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#44
Trichloroethene
Concen: 2235.693 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN064763.D
Acq: 20 Nov 2020 6:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	214.2





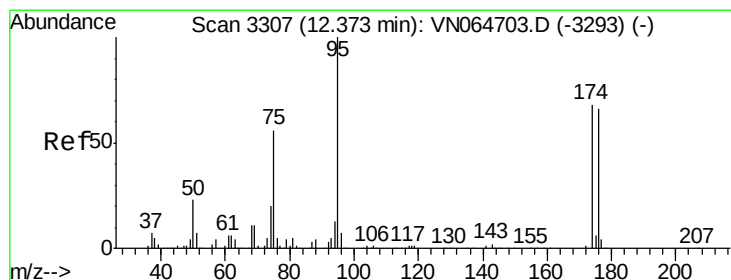
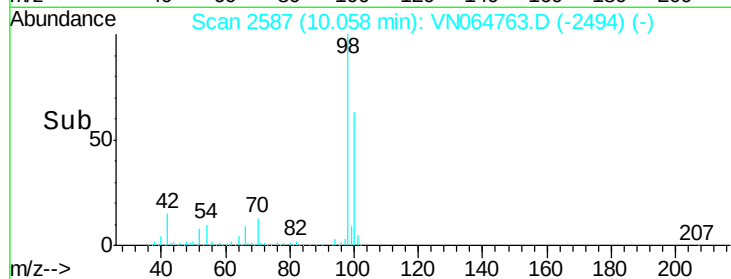
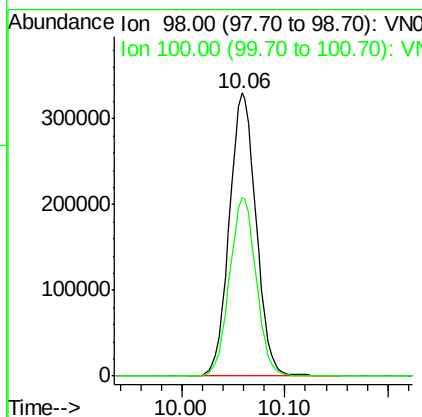
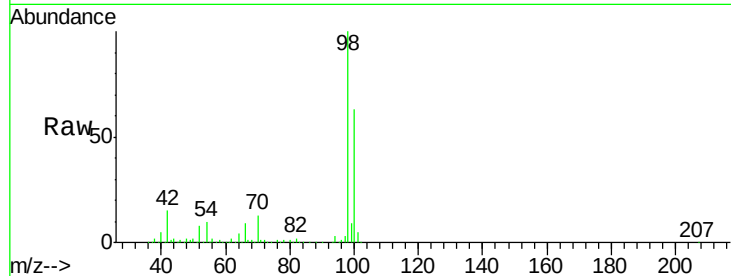
#50
Toluene-d8
Concen: 38.214 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064763.D
Acq: 20 Nov 2020 6:19

Instrument :
MSVOA_N
ClientSampleId :
15BR-20201118

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		596264		
100	62.8	50.4	75.6		

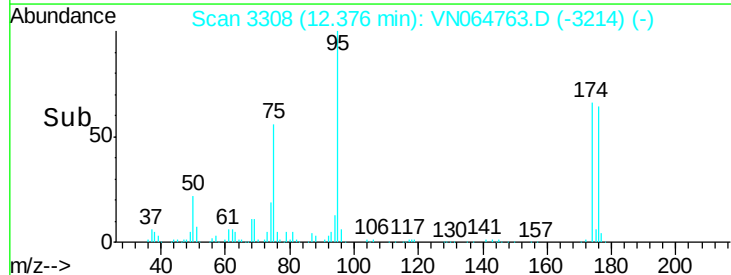
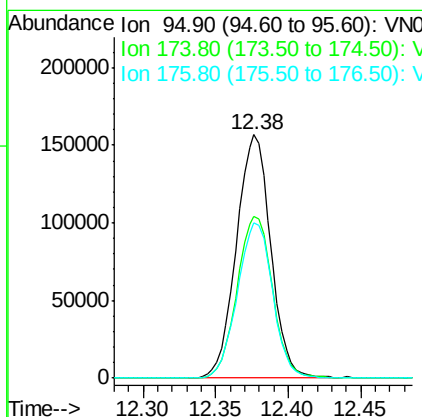
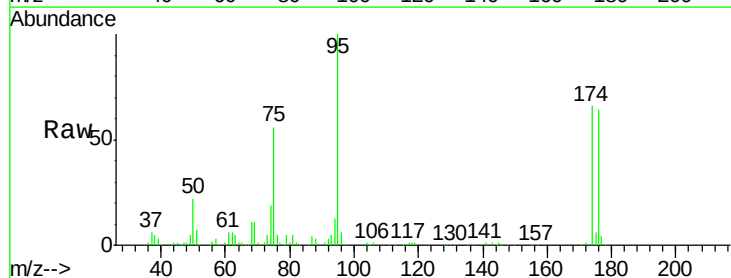
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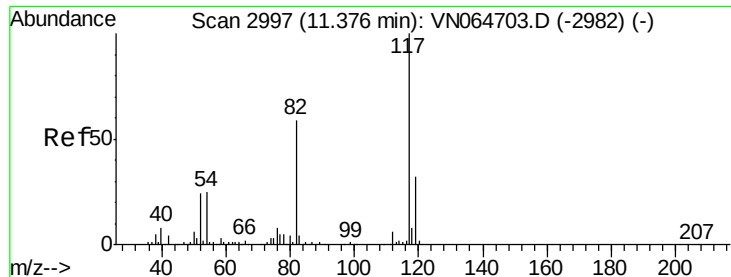
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#62
4-Bromofluorobenzene
Concen: 44.240 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064763.D
Acq: 20 Nov 2020 6:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		258014		
174	69.0	0.0	136.8		
176	65.4	0.0	134.2		





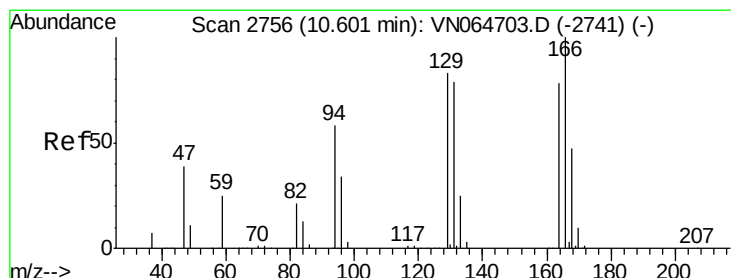
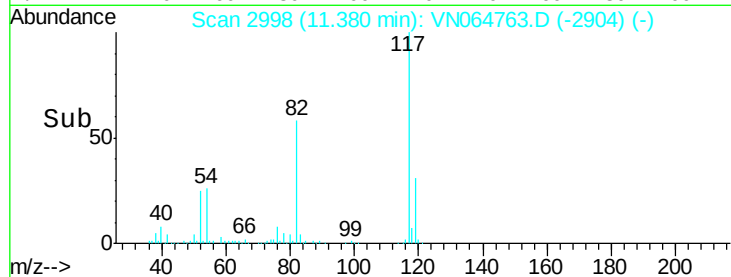
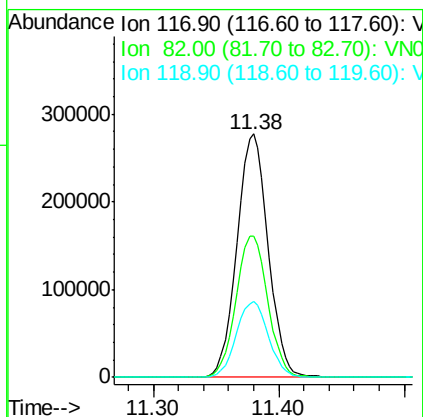
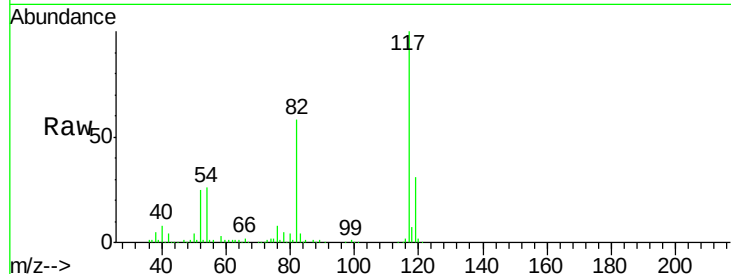
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064763.D
Acq: 20 Nov 2020 6:19

Instrument :
MSVOA_N
ClientSampleId :
15BR-20201118

Tot Ion	Ratio	Resp	Lower	Upper
117	100	479738		
82	58.0		47.0	70.6
119	31.0		25.4	38.2

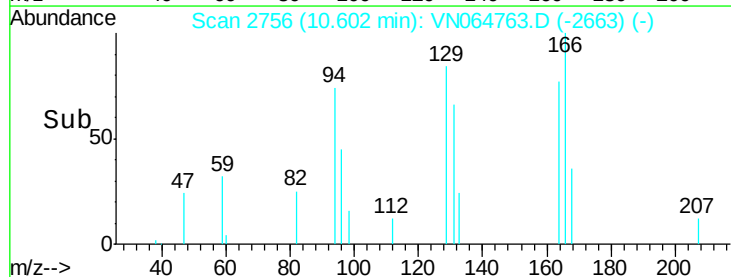
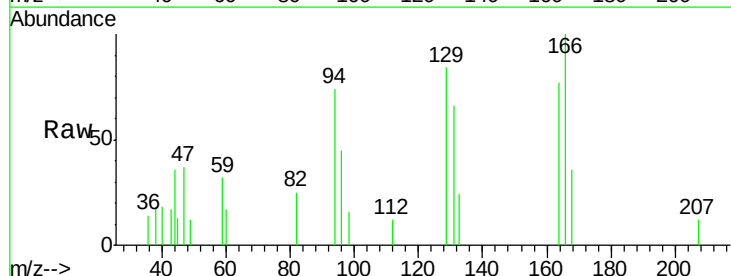
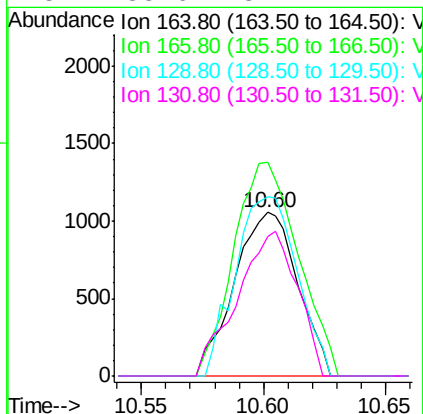
Manual Integrations
APPROVED

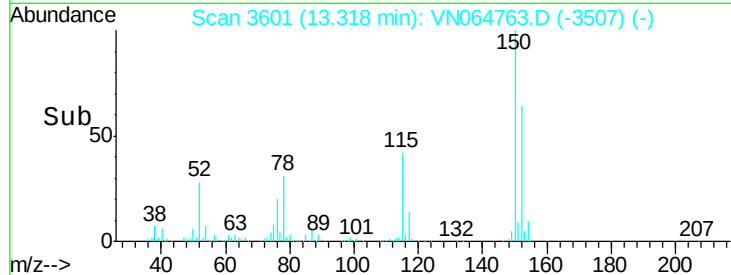
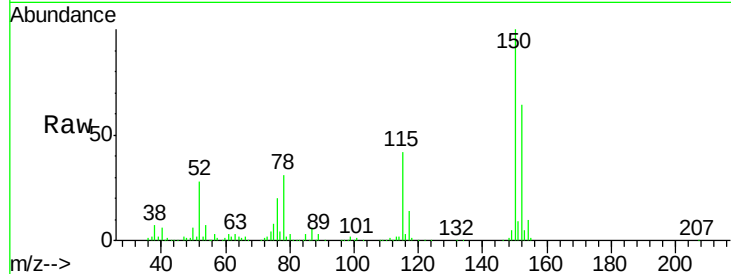
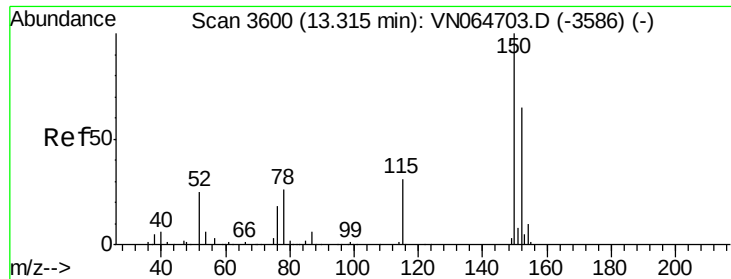
MMDadoda
11/24/2020 3:11:37 PM



#64
Tetrachloroethene
Concen: 0.446 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064763.D
Acq: 20 Nov 2020 6:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1896		
166	130.6		102.2	153.4
129	109.7		84.7	127.1
131	85.6		81.1	121.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064763.D

Acq: 20 Nov 2020 6:19

Tot Ion:	152	Resp:	204232
Ion Ratio	Lower	Upper	
152	100		
115	66.4	32.1	96.3
150	156.6	0.0	344.8

Instrument :

MSVOA_N

ClientSampleId :

15BR-20201118

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:11:37 PM

