

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063635.D
 Acq On : 24 Sep 2020 17:52
 Operator : JC/MD
 Sample : L4119-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D2-20200921

Manual Integrations
 APPROVED

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 9/28/2020 5:16:42 PM

Quant Time: Sep 25 16:44:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	206897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	167951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177122	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	7.55	113	128757	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.06	98	500272	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.38	95	198685	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1509	0.655	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	3434	1.471	ug/l	87
16) Acetone	3.79	43	4279m	3.780	ug/l	
27) cis-1,2-Dichloroethene	6.79	96	3724	1.272	ug/l	85
30) Chloroform	7.33	83	1967	0.381	ug/l #	63
38) Carbon Tetrachloride	7.73	117	2946m	0.710	ug/l	
44) Trichloroethene	8.80	130	1315764	467.662	ug/l	98
64) Tetrachloroethene	10.60	164	2249	0.829	ug/l	93

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

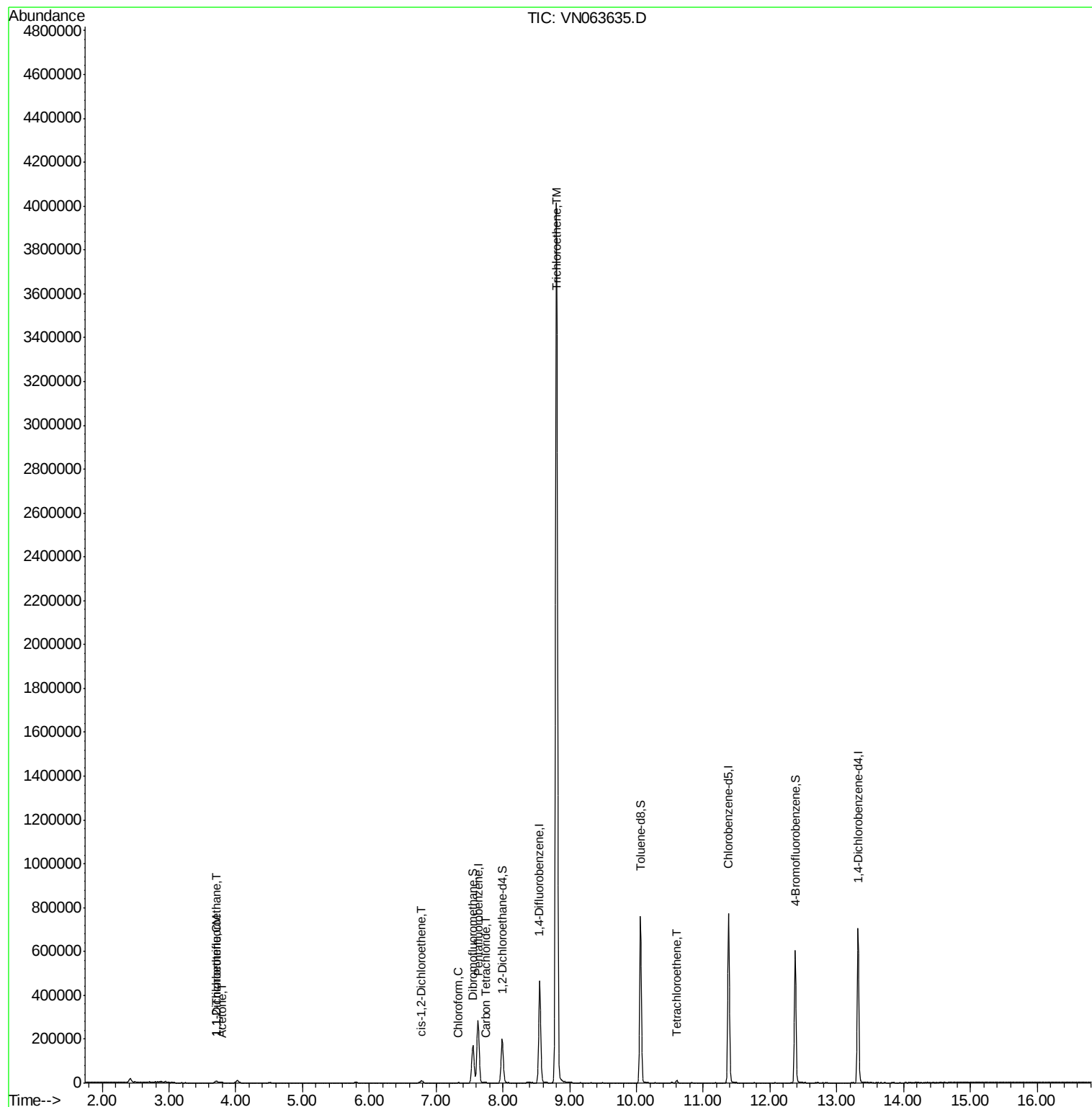
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

RE126D2-20200921

Tot Ion:168 Resp: 206897

Ion Ratio Lower Upper

168 100

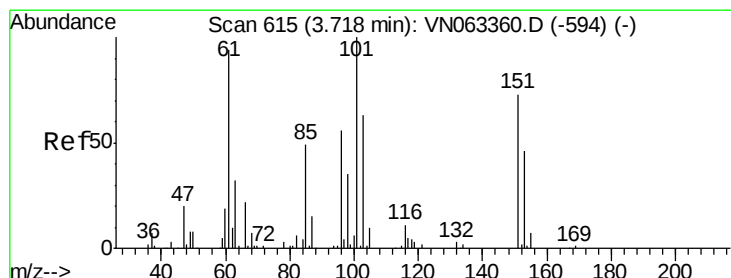
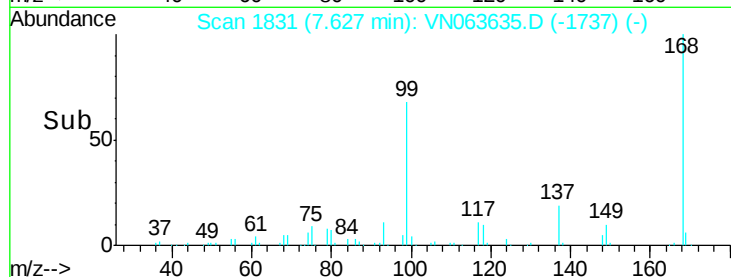
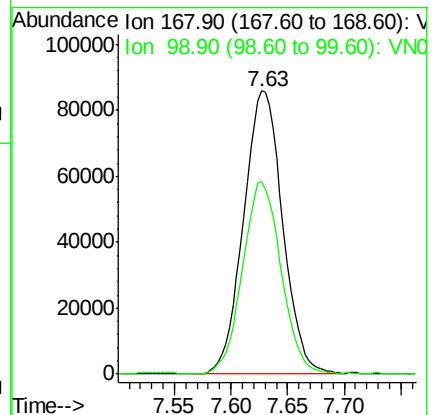
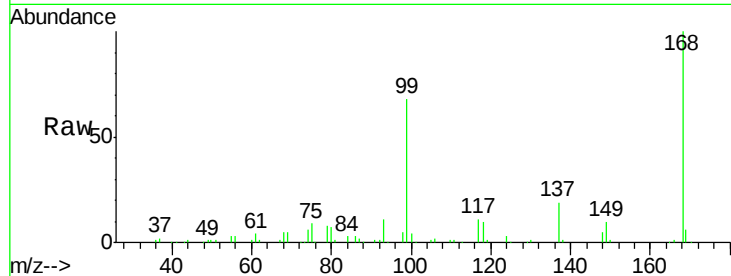
99 67.6 53.0 79.6

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.655 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

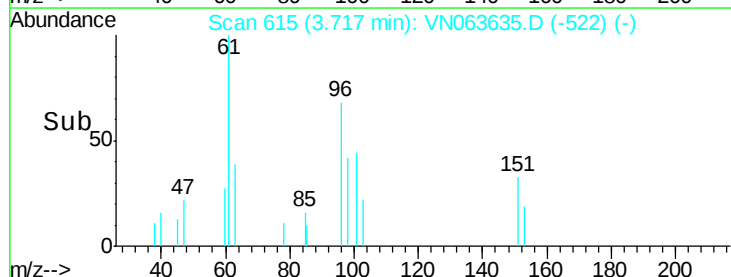
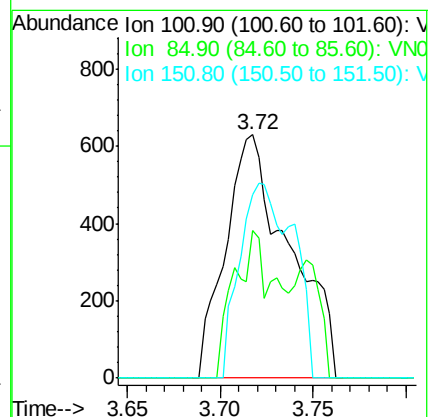
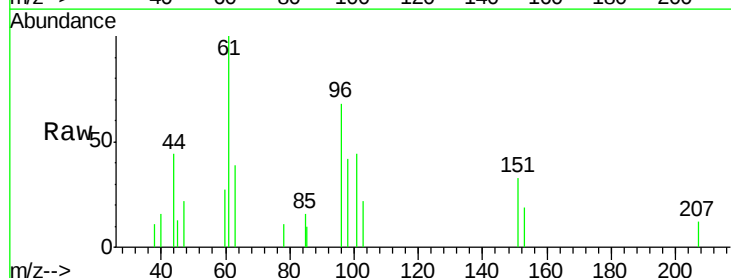
Tgt Ion:101 Resp: 1509

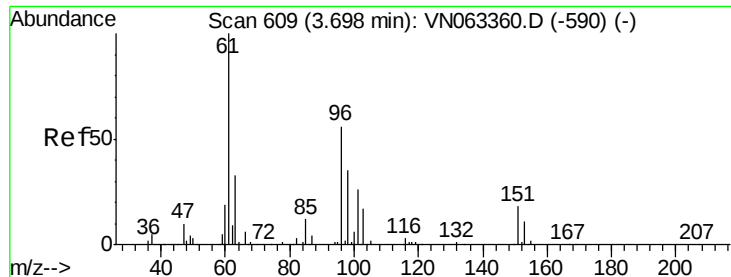
Ion Ratio Lower Upper

101 100

85 30.4 37.7 56.5#

151 66.5 57.7 86.5





#12

1,1-Dichloroethene

Concen: 1.471 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

Instrument :

MSVOA_N

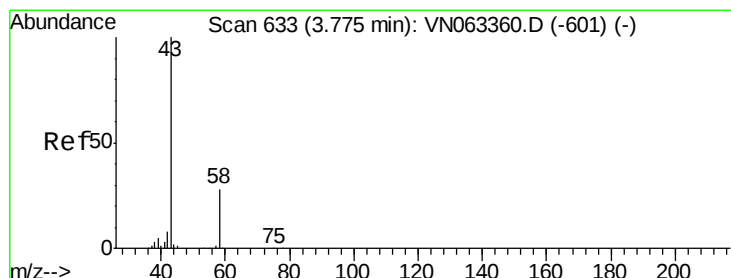
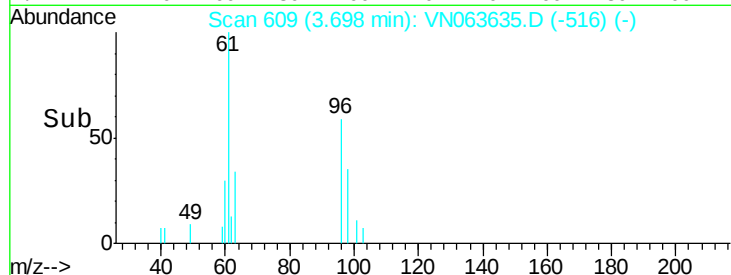
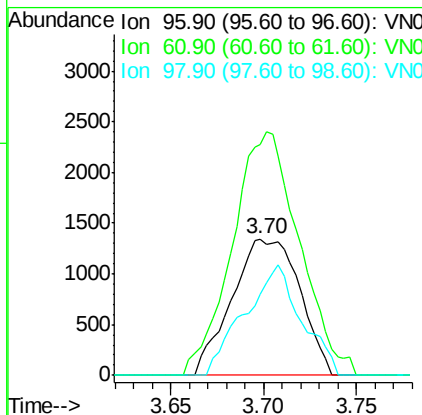
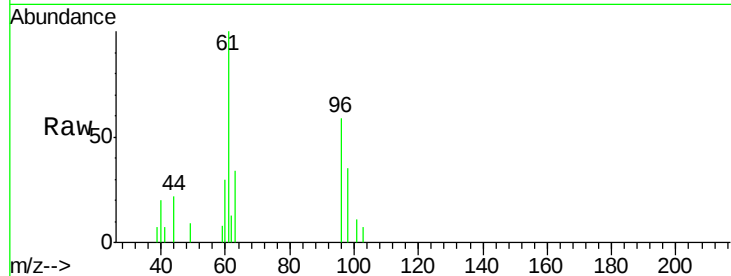
ClientSampleId :

RE126D2-20200921

Tot Ion:	96	Resp:	3434
Ion	Ratio	Lower	Upper
96	100		
61	157.6	143.4	215.2
98	59.5	50.6	76.0

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9/28/2020 5:16:42 PM



#16

Acetone

Concen: 3.780 ug/l m

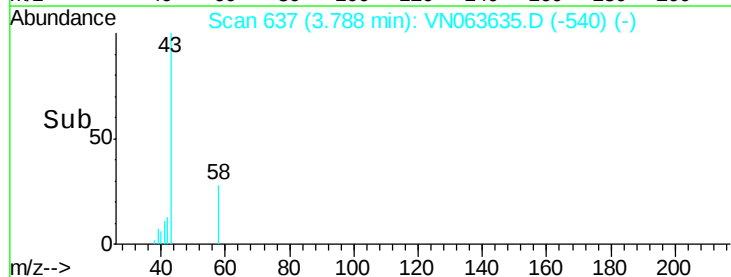
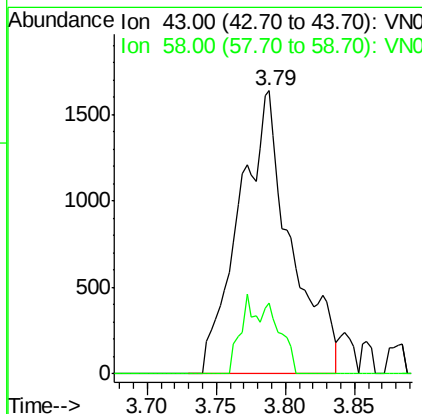
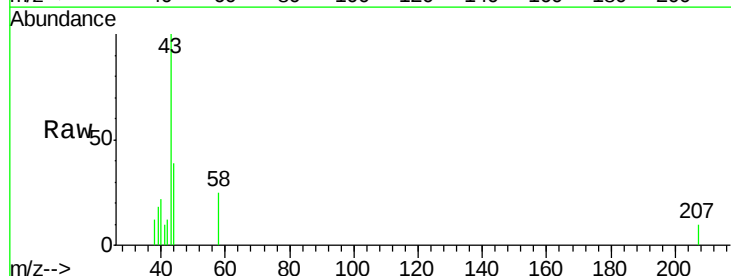
RT: 3.79 min Scan# 637

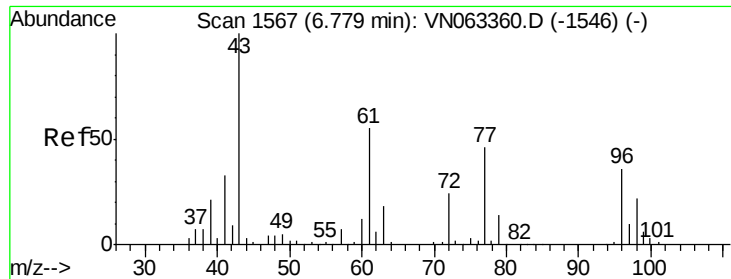
Delta R.T. 0.01 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

Tgt Ion:	43	Resp:	4279
Ion	Ratio	Lower	Upper
43	100		
58	25.0	22.3	33.5





#27

cis-1,2-Dichloroethene

Concen: 1.272 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

Instrument :

MSVOA_N

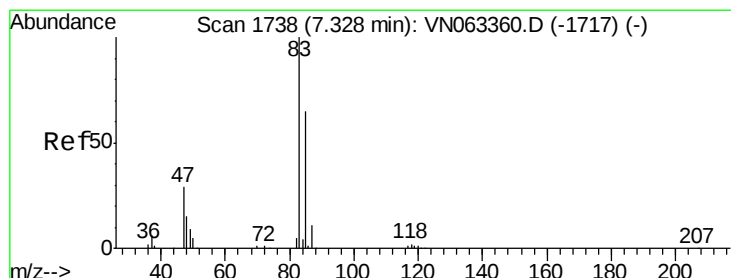
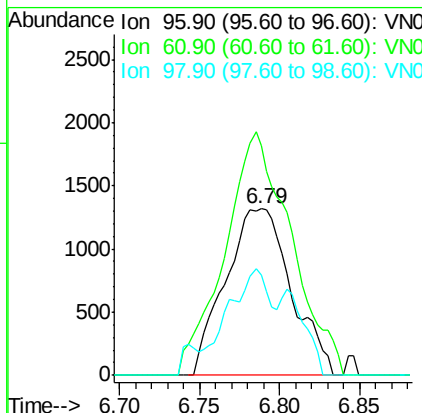
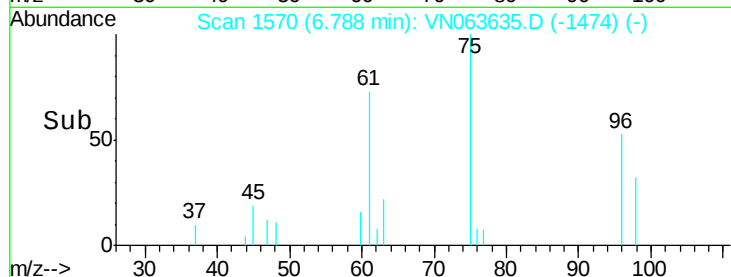
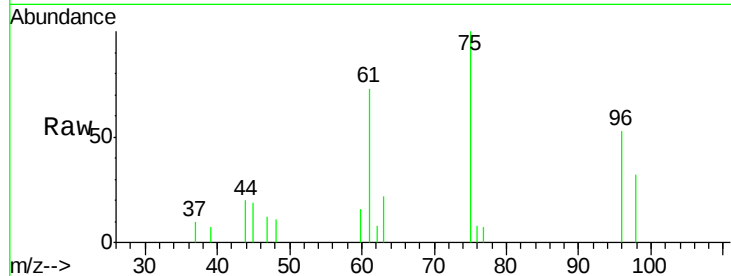
ClientSampleId :

RE126D2-20200921

Tot Ion:	96	Resp:	3724
Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	319.6
98	42.2	0.0	127.8

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#30

Chloroform

Concen: 0.381 ug/l

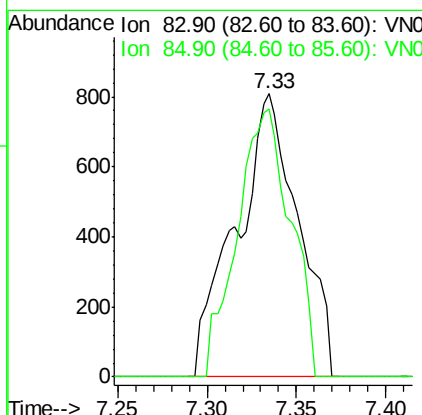
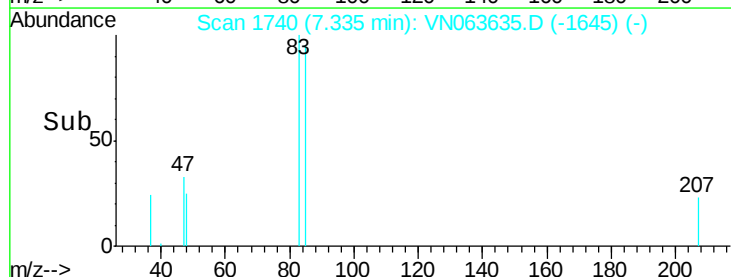
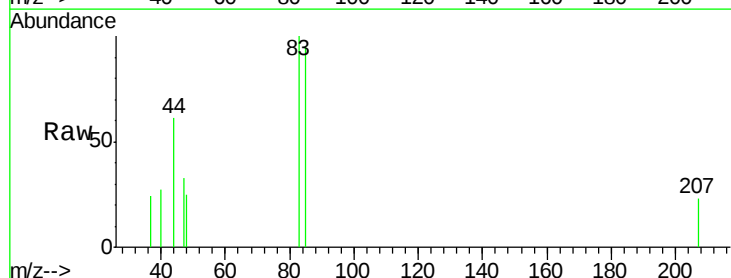
RT: 7.33 min Scan# 1740

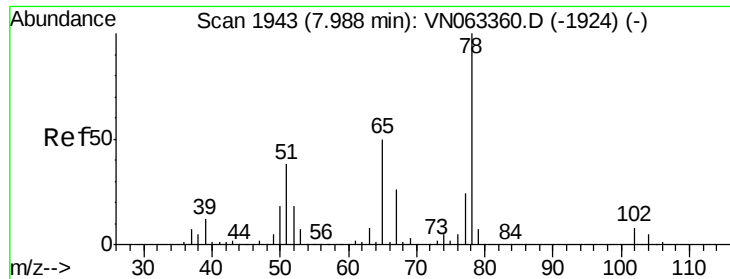
Delta R.T. 0.01 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

Tgt Ion:	83	Resp:	1967
Ion	Ratio	Lower	Upper
83	100		
85	94.6	52.1	78.1#





#33

1,2-Dichloroethane-d4

Concen: 50.291 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

RE126D2-20200921

Tot Ion: 65 Resp: 177122

Ion Ratio Lower Upper

65 100

67 49.9

0.0

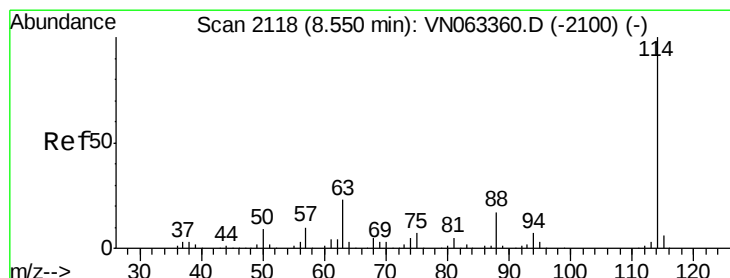
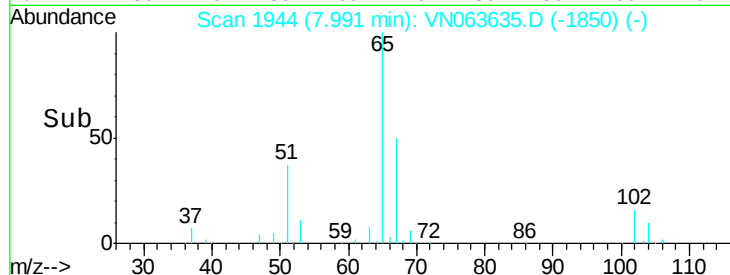
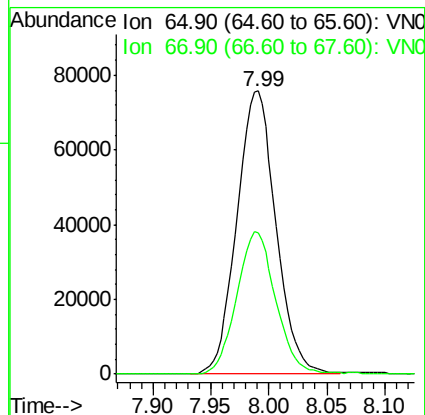
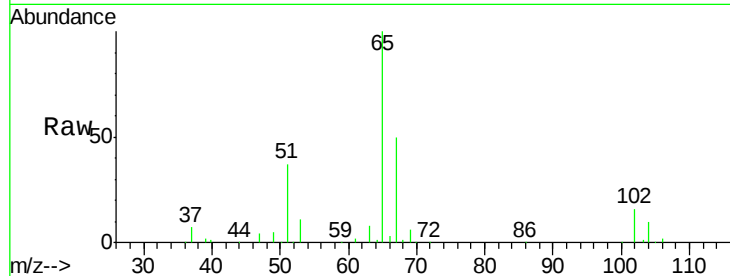
104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

Tgt Ion: 114 Resp: 381423

Ion Ratio Lower Upper

114 100

63 22.8

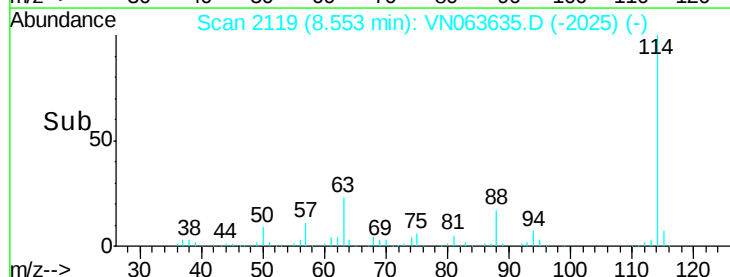
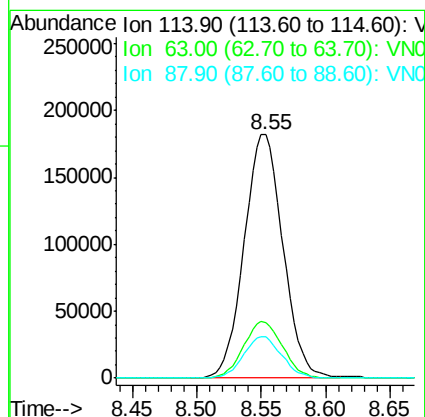
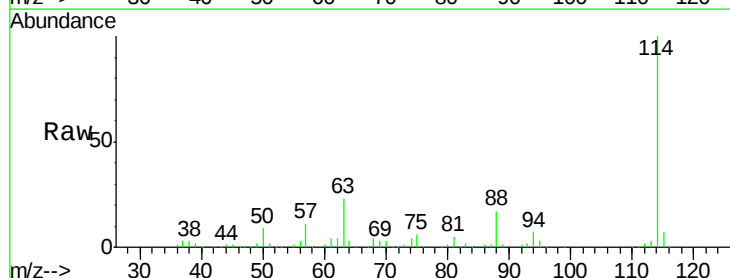
0.0

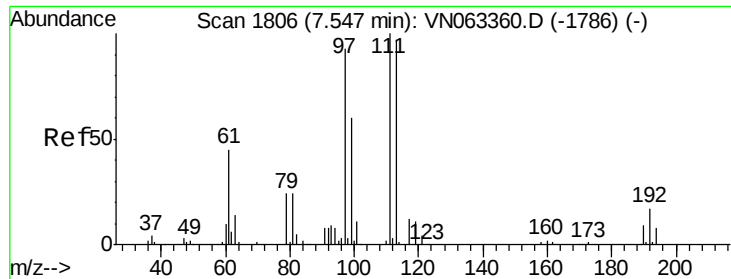
46.4

88 17.0

0.0

33.2





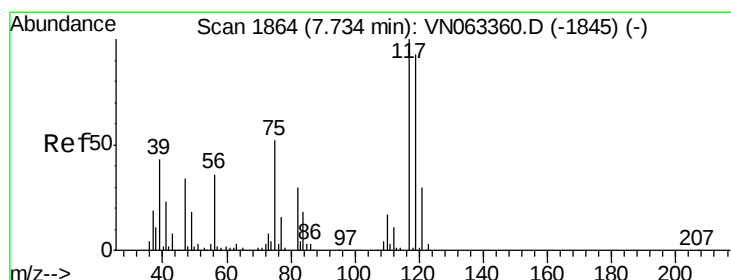
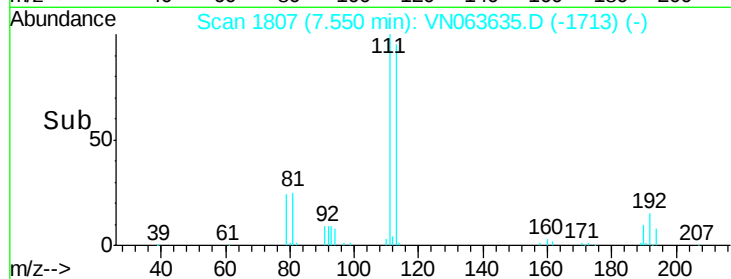
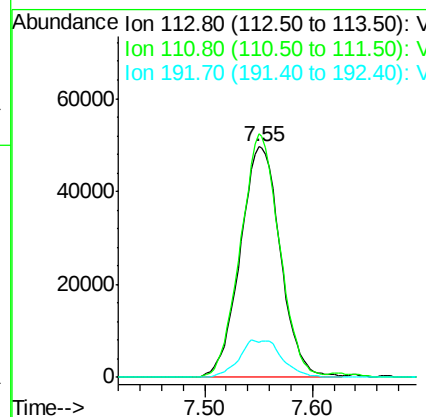
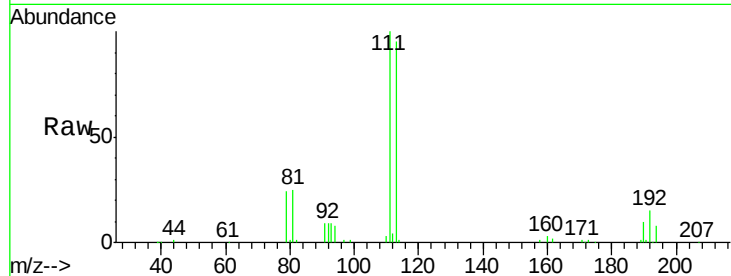
#35
 Dibromofluoromethane
 Concen: 48.762 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063635.D
 Acq: 24 Sep 2020 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D2-20200921

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.0	82.9	124.3	
192	8.3	13.9	20.9	

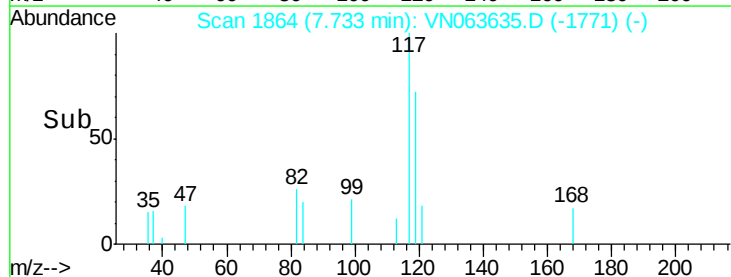
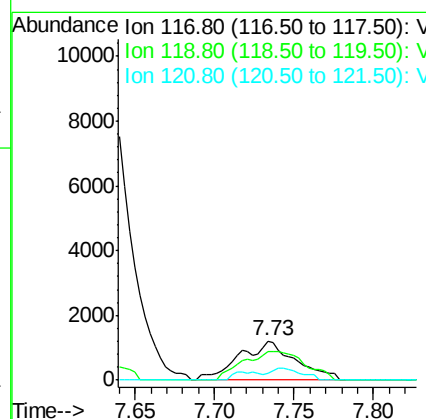
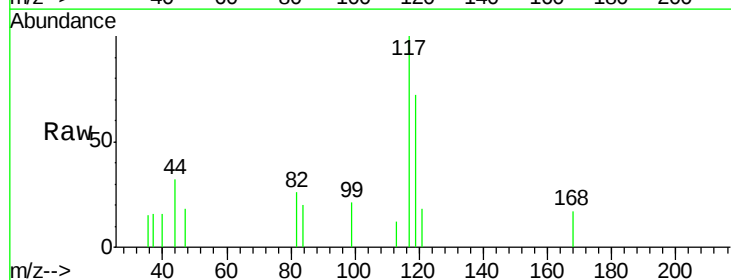
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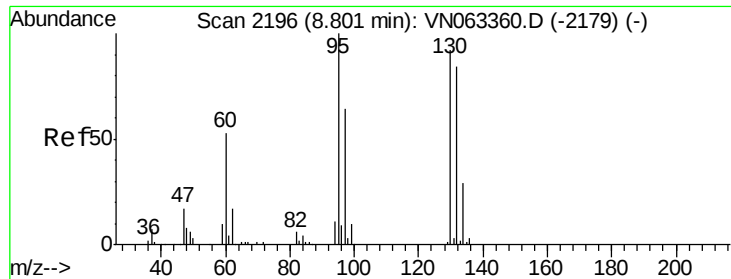
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#38
 Carbon Tetrachloride
 Concen: 0.710 ug/l m
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN063635.D
 Acq: 24 Sep 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	71.6	74.5	111.7	
121	17.6	24.1	36.1	





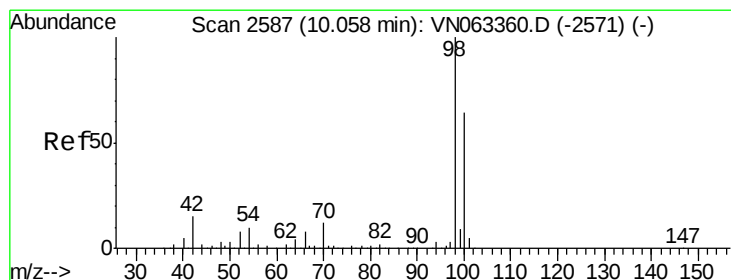
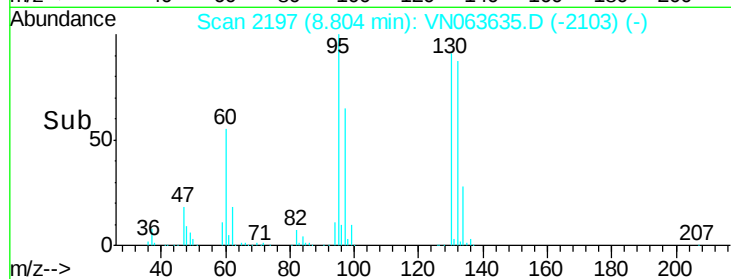
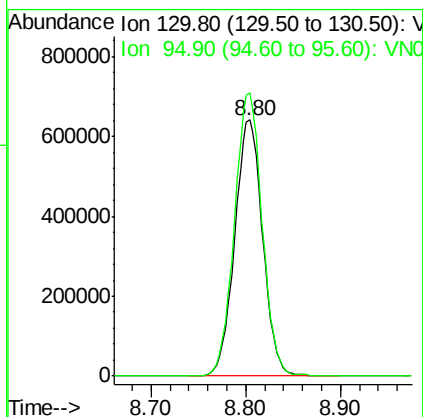
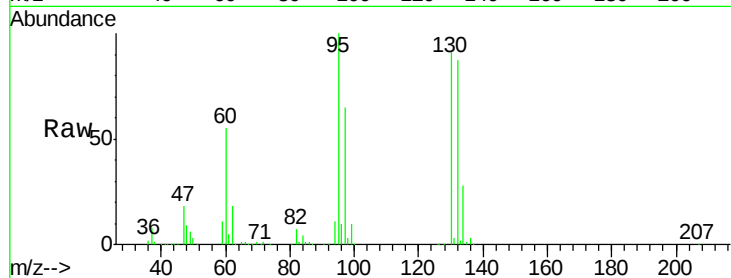
#44
 Trichloroethene
 Concen: 467.662 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063635.D
 Acq: 24 Sep 2020 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D2-20200921

Tot Ion:130 Resp: 1315764
 Ion Ratio Lower Upper
 130 100
 95 110.4 0.0 217.4

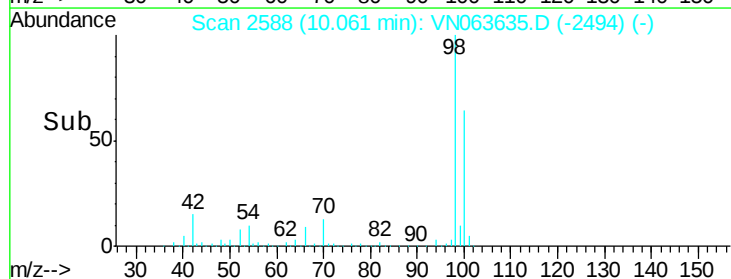
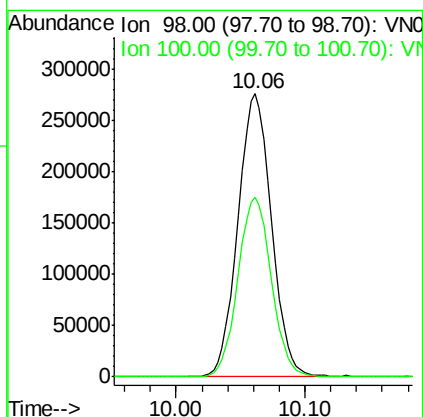
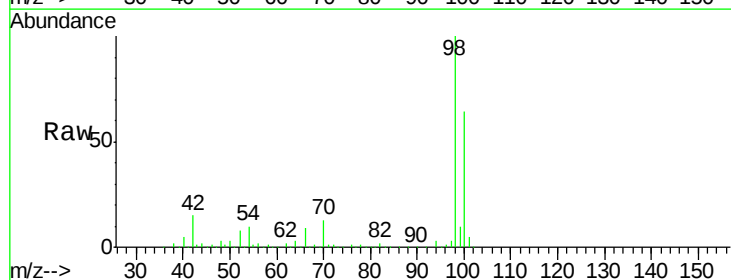
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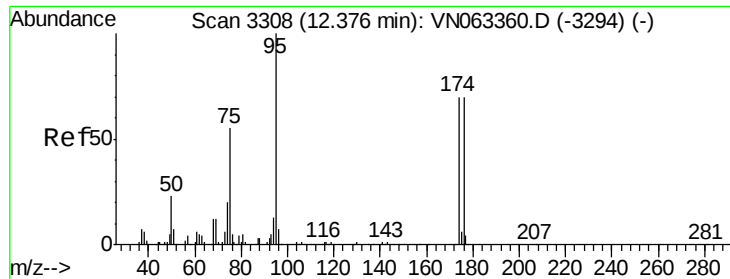
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#50
 Toluene-d8
 Concen: 50.386 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063635.D
 Acq: 24 Sep 2020 17:52

Tgt Ion: 98 Resp: 500272
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.7 76.1





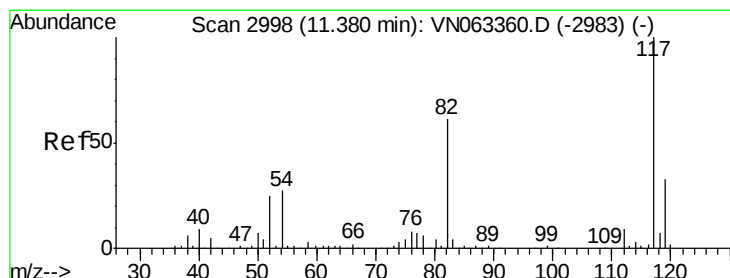
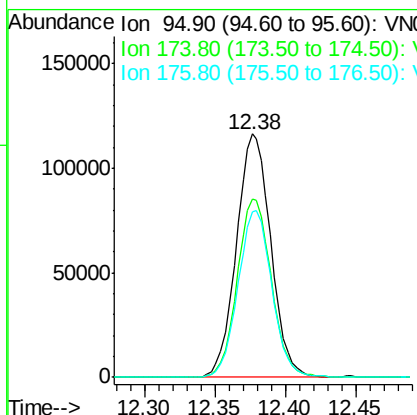
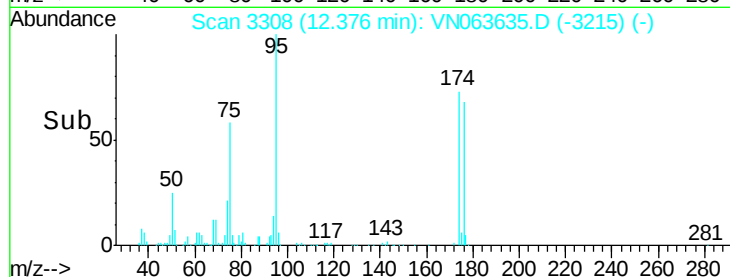
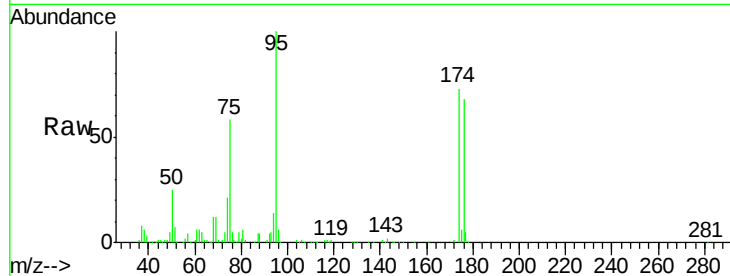
#62
4-Bromofluorobenzene
Concen: 54.588 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063635.D
Acq: 24 Sep 2020 17:52

Instrument :
MSVOA_N
ClientSampleId :
RE126D2-20200921

Tot Ion	Ratio	Resp	Lower	Upper
95	100	198685		
174	72.9	0.0	140.8	
176	67.8	0.0	137.6	

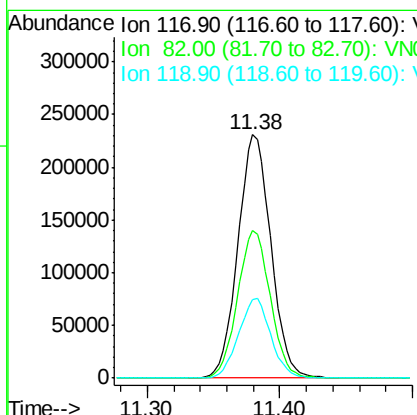
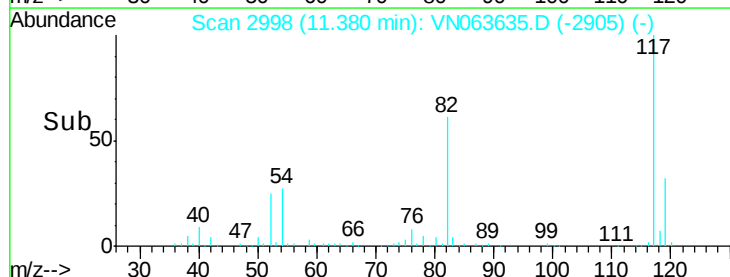
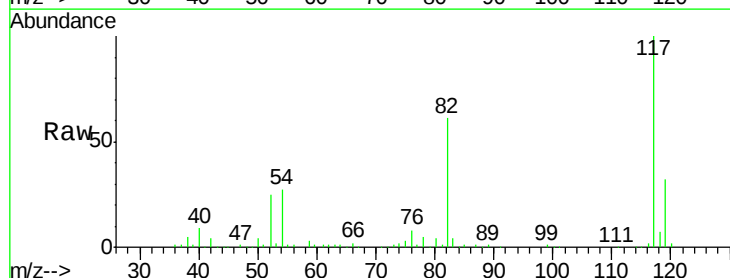
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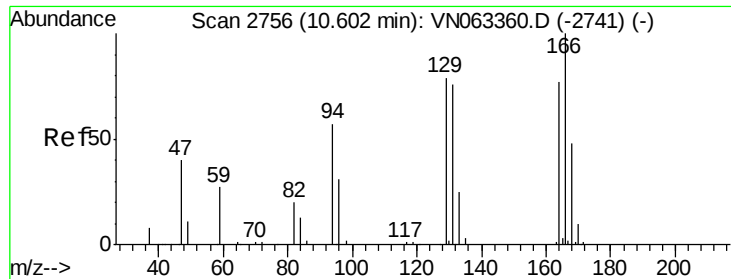
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063635.D
Acq: 24 Sep 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	398583		
82	60.6	49.2	73.8	
119	32.4	26.2	39.4	





#64

Tetrachloroethene

Concen: 0.829 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

Instrument :

MSVOA_N

ClientSampleId :

RE126D2-20200921

Tot Ion:164 Resp: 2249

Ion Ratio Lower Upper

164 100

166 109.3 103.4 155.0

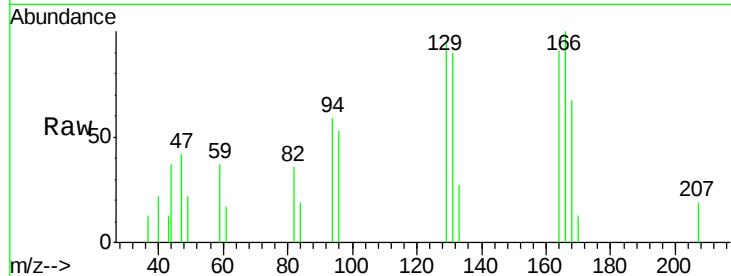
129 102.5 81.8 122.6

131 98.3 78.2 117.4

Manual Integrations
APPROVED

MMDadoda

9/28/2020 5:16:42 PM

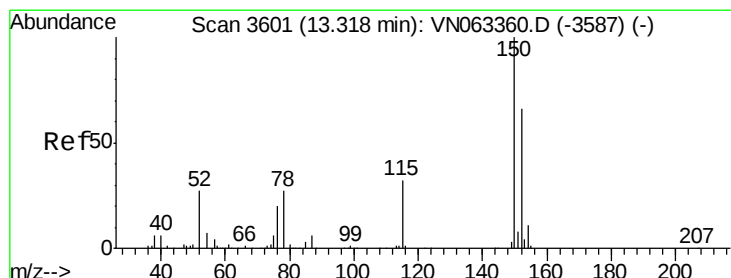
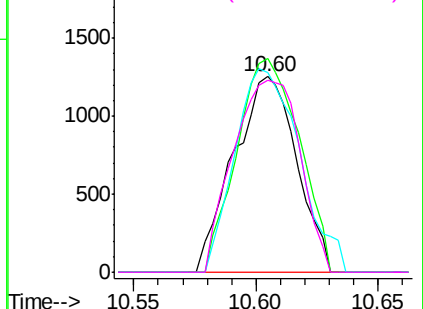
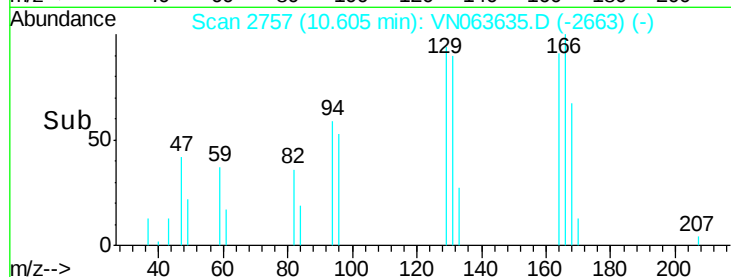


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063635.D

Acq: 24 Sep 2020 17:52

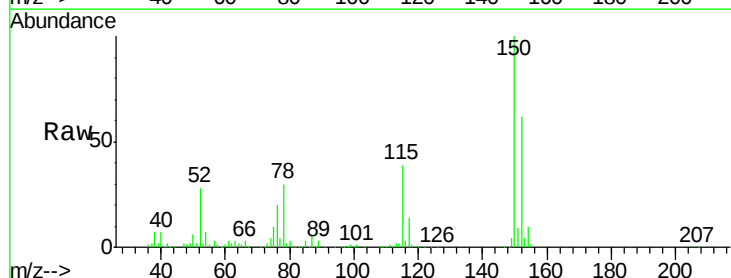
Tgt Ion:152 Resp: 167951

Ion Ratio Lower Upper

152 100

115 63.2 32.2 96.6

150 158.5 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

