

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063537.D
 Acq On : 22 Sep 2020 16:56
 Operator : JC/MD
 Sample : L4082-18DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20200916DL

Manual Integrations
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Quant Time: Sep 23 04:41:38 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	204000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	375491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	166470	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
35) Dibromofluoromethane	7.55	113	121857	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	10.06	98	480837	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.38	95	194067	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	129189	56.840	ug/l	99
12) 1,1-Dichloroethene	3.69	96	1389m	0.603	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	3520	1.219	ug/l	79
44) Trichloroethene	8.80	130	75241	27.165	ug/l	97
64) Tetrachloroethene	10.60	164	7567	2.924	ug/l	91

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

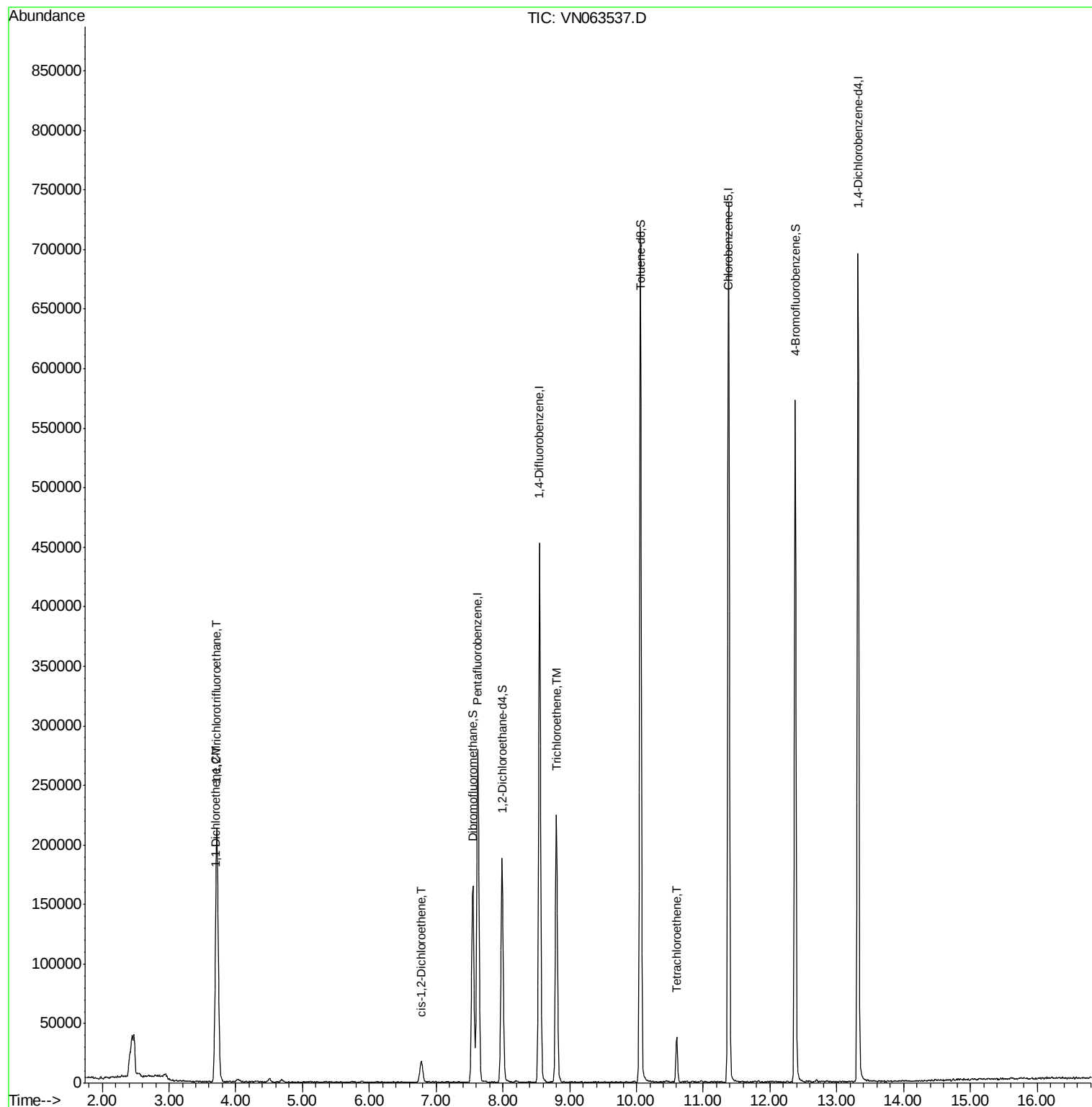
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063537.D
Acq On : 22 Sep 2020 16:56
Operator : JC/MD
Sample : L4082-18DL 5X
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ALS Vial : 13 Sample Multiplier: 1

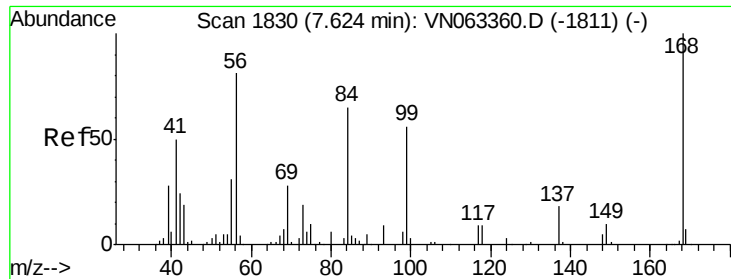
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20200916DL

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Quant Time: Sep 23 04:41:38 2020
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: VN063537.D

Acq: 22 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20200916DL

Tot Ion:168 Resp: 204000

Ion Ratio Lower Upper

168 100

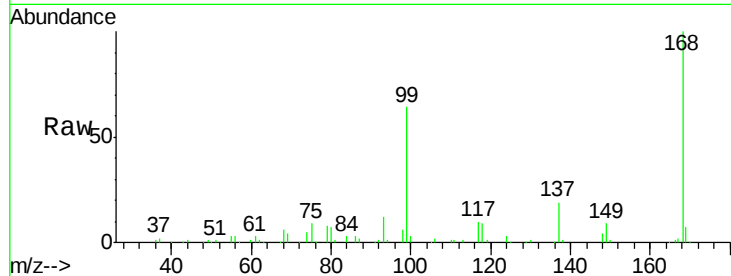
99 63.9 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

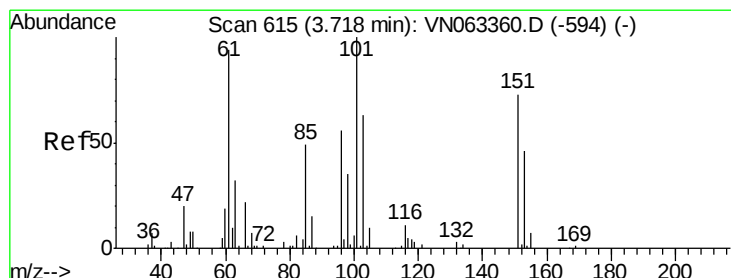
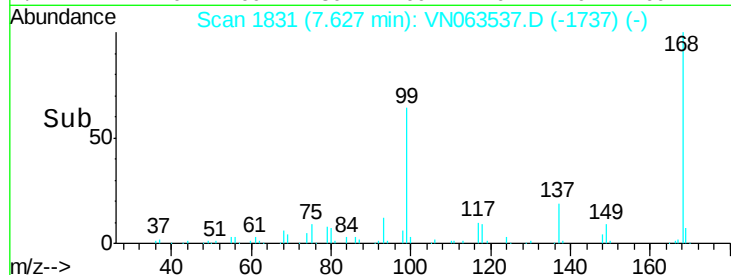
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.840 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063537.D

Acq: 22 Sep 2020 16:56

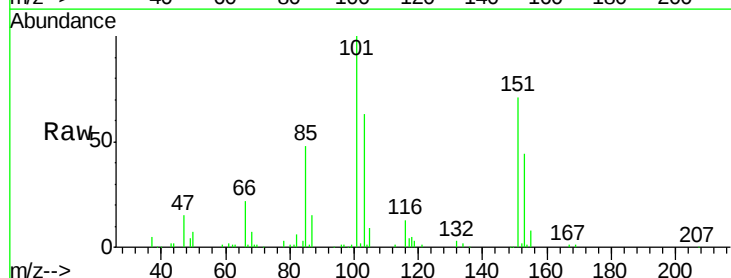
Tgt Ion:101 Resp: 129189

Ion Ratio Lower Upper

101 100

85 48.1 37.7 56.5

151 72.9 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3.71

60000

50000

40000

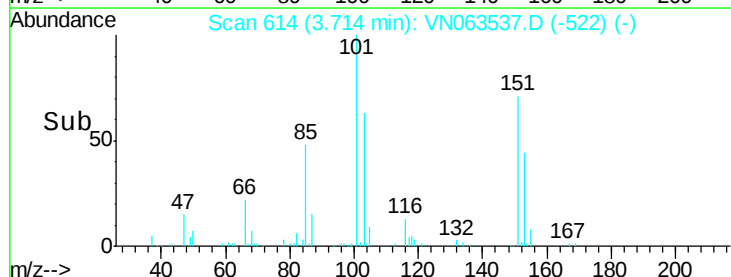
30000

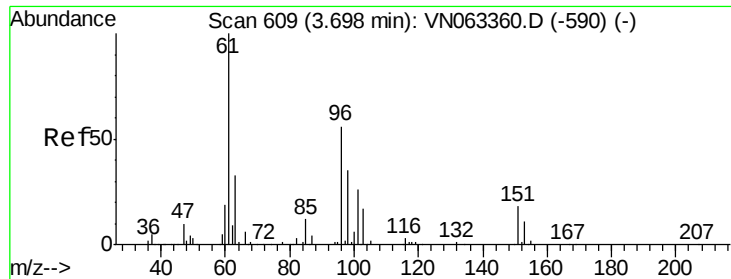
20000

10000

0

Time--> 3.60 3.70 3.80





#12

1,1-Dichloroethene

Concen: 0.603 ug/l m

RT: 3.69 min Scan# 606

Delta R.T. -0.01 min

Lab File: VN063537.D

Acq: 22 Sep 2020 16:56

Instrument :

MSVOA_N

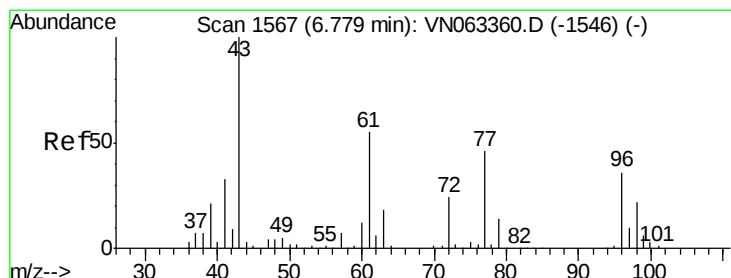
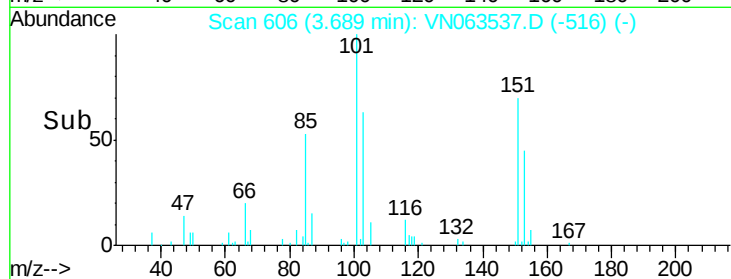
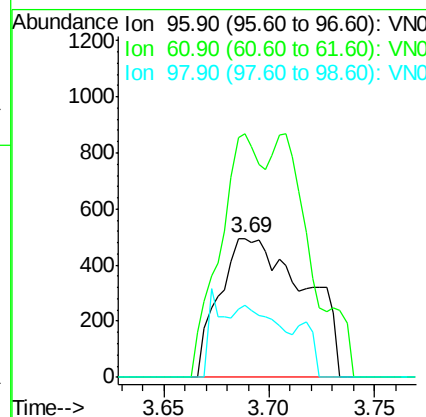
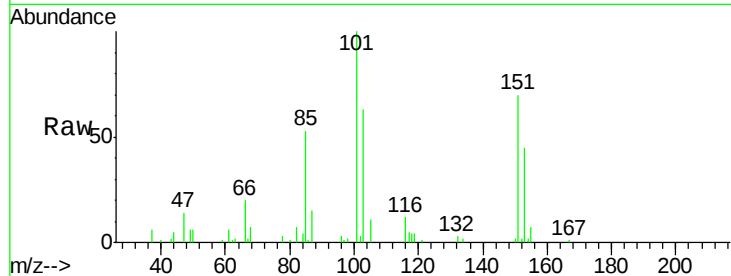
ClientSampleId :

RE131D2-20200916DL

Tot Ion:	96	Resp:	1389
Ion	Ratio	Lower	Upper
96	100		
61	175.4	143.4	215.2
98	51.7	50.6	76.0

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#27

cis-1,2-Dichloroethene

Concen: 1.219 ug/l

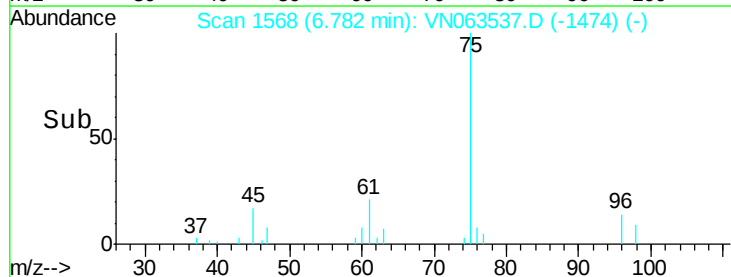
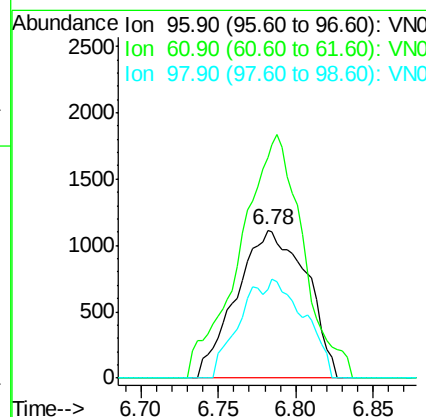
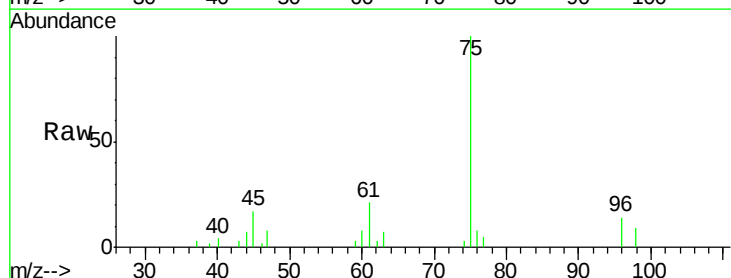
RT: 6.78 min Scan# 1568

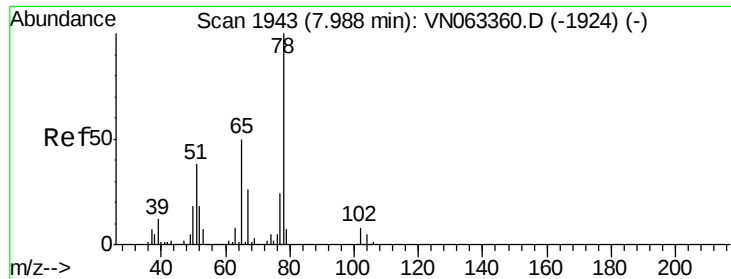
Delta R.T. 0.00 min

Lab File: VN063537.D

Acq: 22 Sep 2020 16:56

Tgt Ion:	96	Resp:	3520
Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	319.6
98	24.3	0.0	127.8





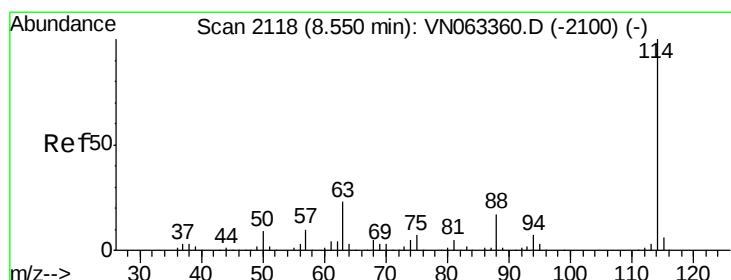
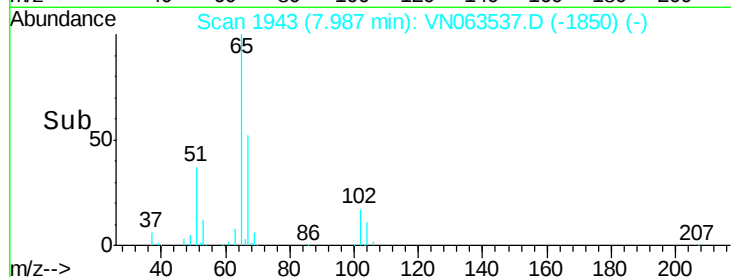
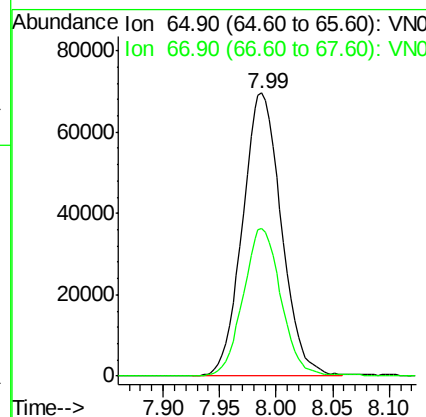
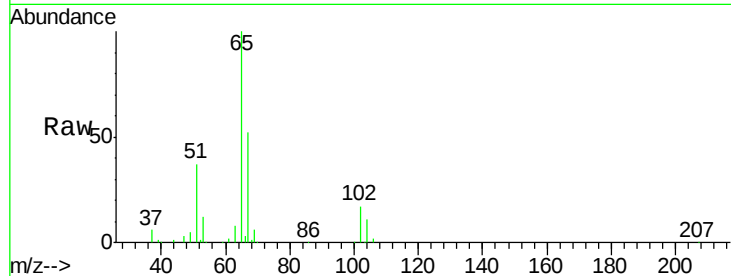
#33
 1,2-Dichloroethane-d4
 Concen: 47.938 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063537.D
 Acq: 22 Sep 2020 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20200916DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166470		
67	50.6	0.0	104.2	

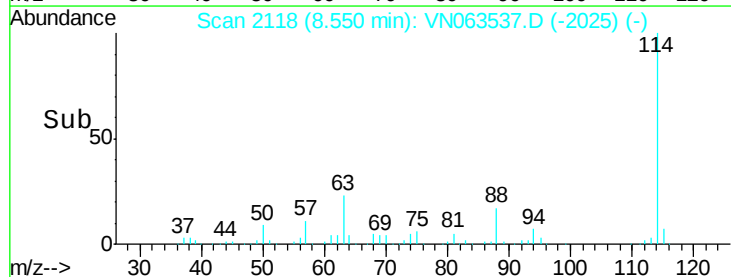
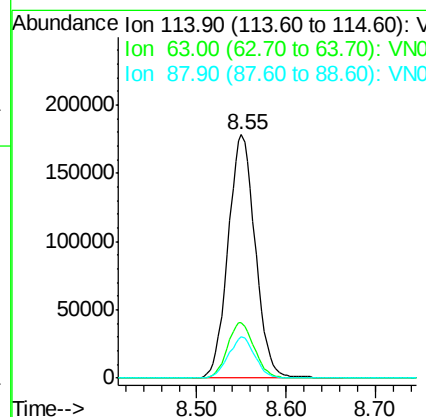
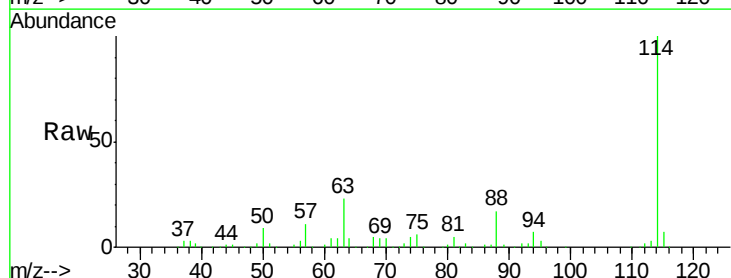
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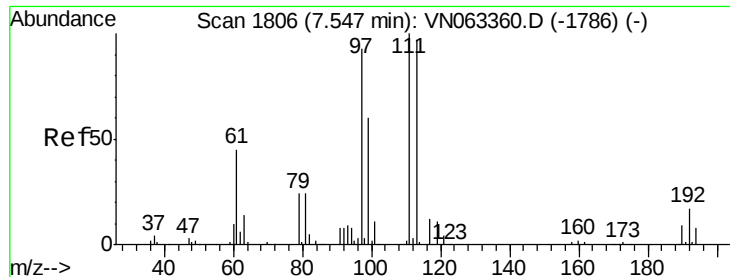
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063537.D
 Acq: 22 Sep 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	375491		
63	22.9	0.0	46.4	
88	16.8	0.0	33.2	





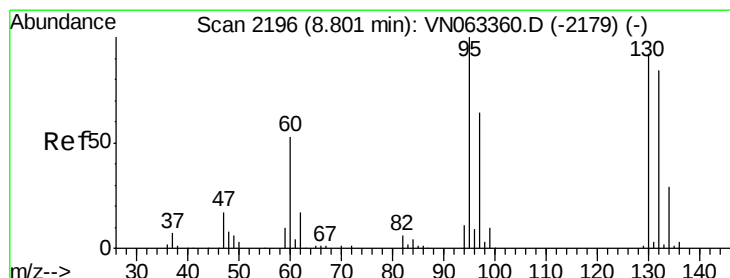
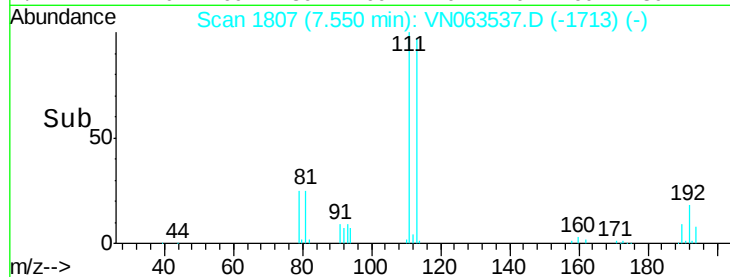
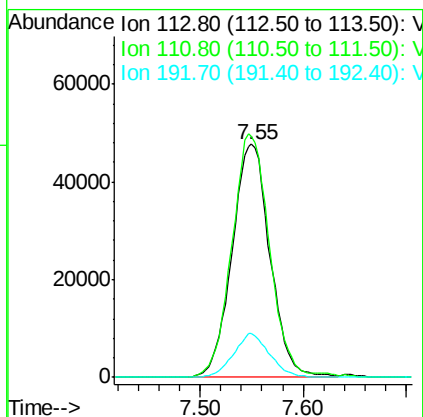
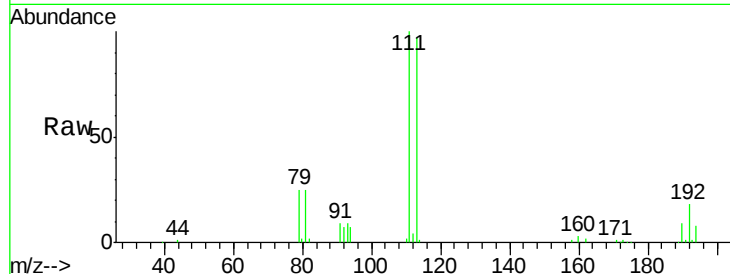
#35
 Dibromofluoromethane
 Concen: 46.878 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063537.D
 Acq: 22 Sep 2020 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20200916DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121857		
111	103.4	82.9	124.3	
192	17.9	13.9	20.9	

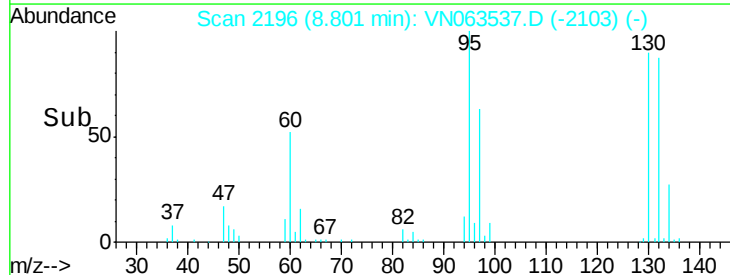
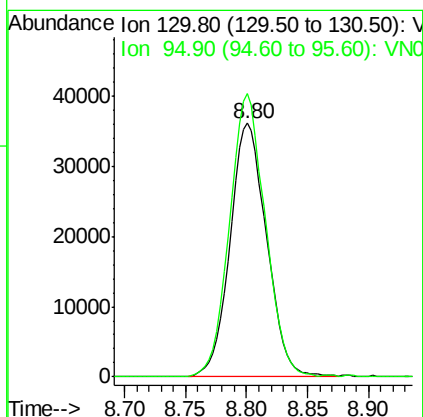
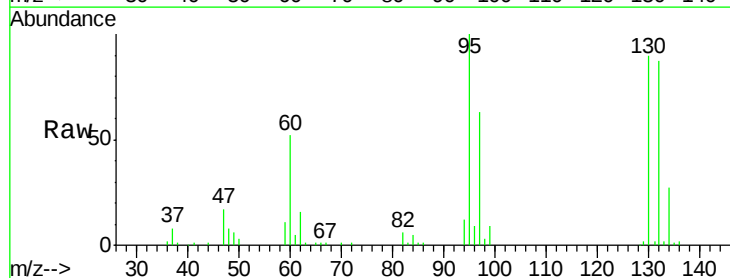
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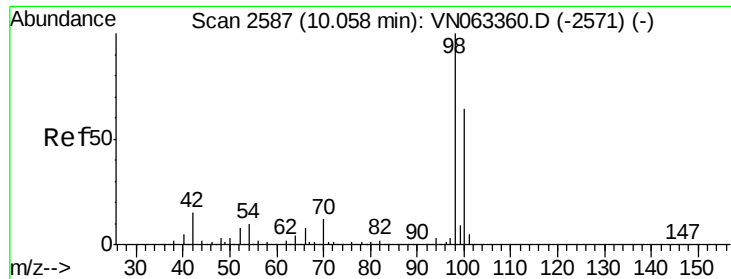
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#44
 Trichloroethene
 Concen: 27.165 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063537.D
 Acq: 22 Sep 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	75241		
95	111.5	0.0	217.4	





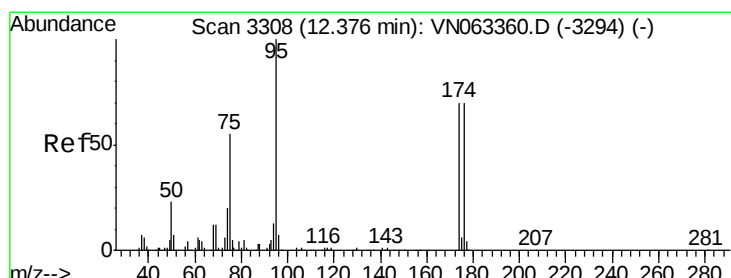
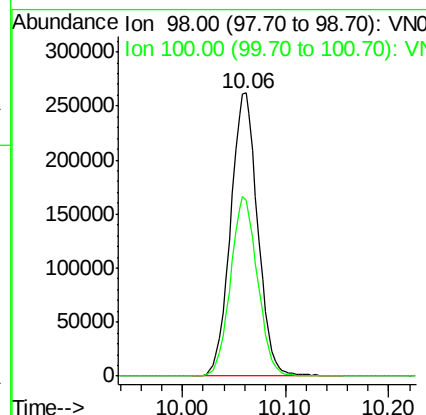
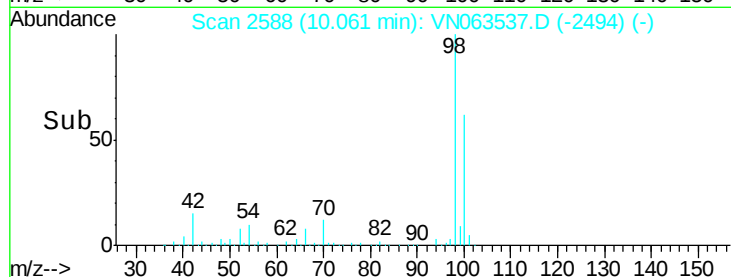
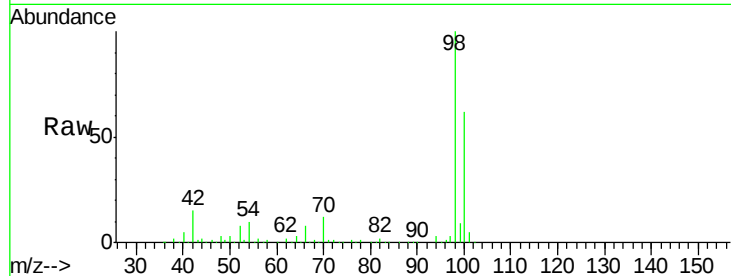
#50
Toluene-d8
Concen: 49.194 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063537.D
Acq: 22 Sep 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion: 98 Resp: 480837
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1

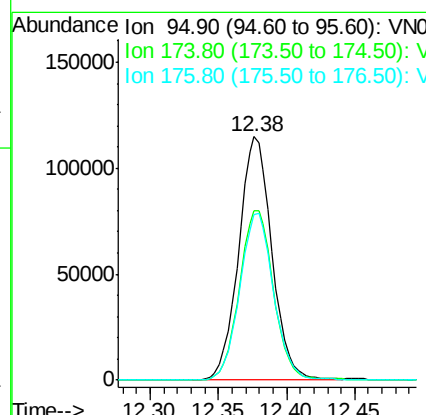
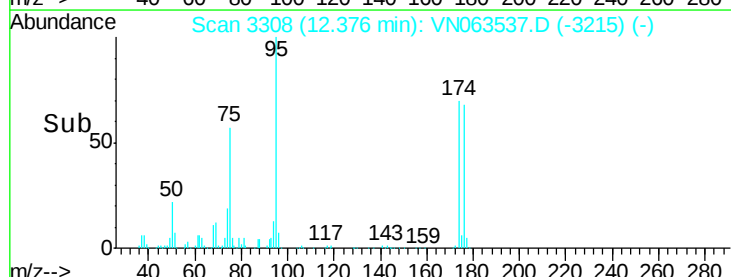
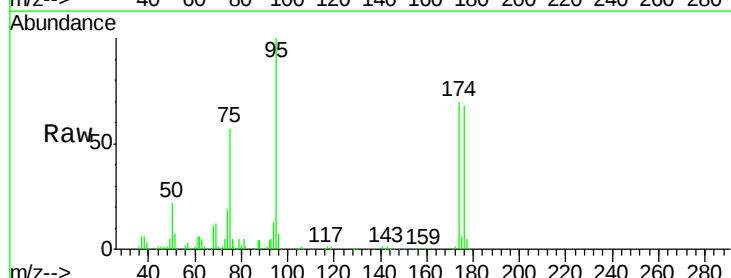
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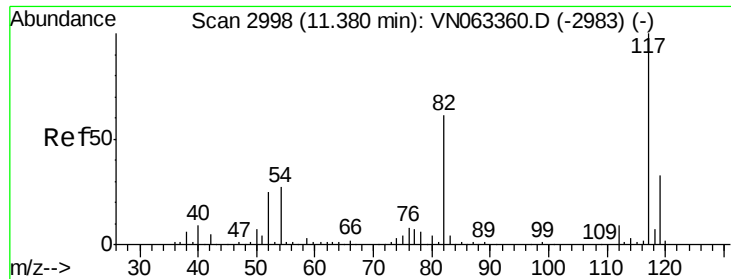
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#62
4-Bromofluorobenzene
Concen: 54.162 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063537.D
Acq: 22 Sep 2020 16:56

Tgt Ion: 95 Resp: 194067
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.8
176 69.9 0.0 137.6





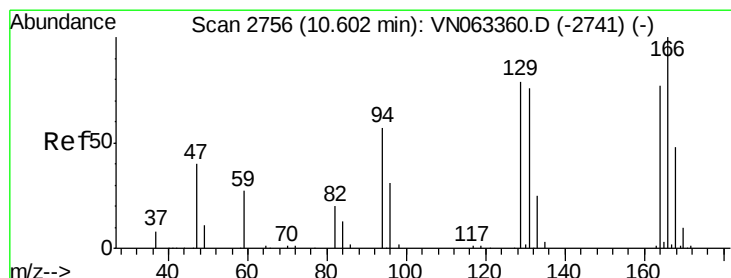
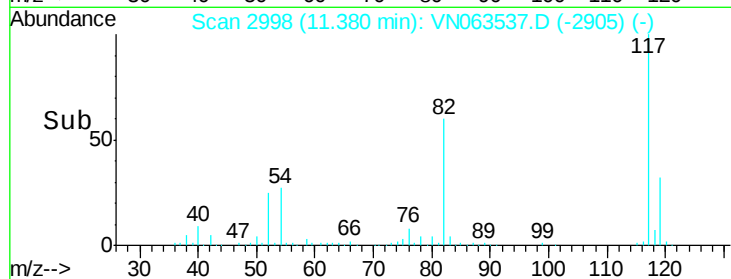
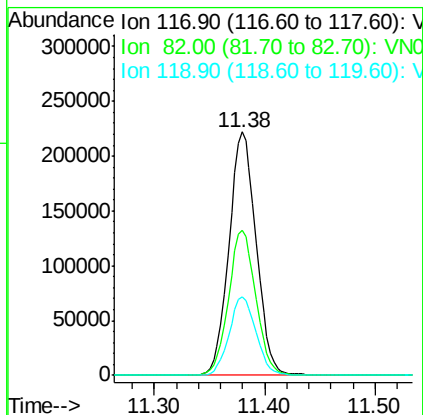
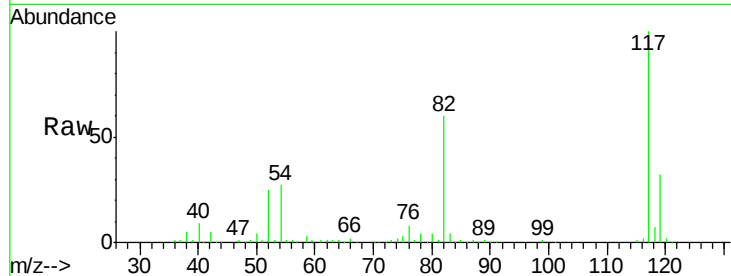
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063537.D
Acq: 22 Sep 2020 16:56

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20200916DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	49.2	73.8
119	32.2	26.2	39.4

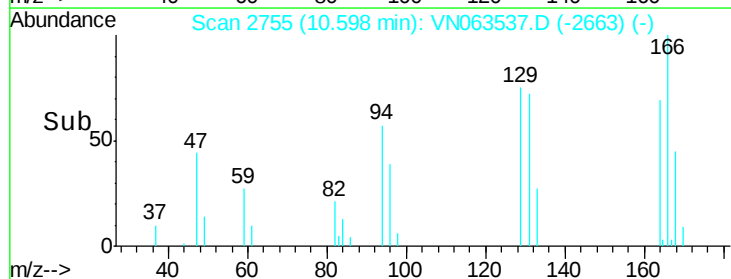
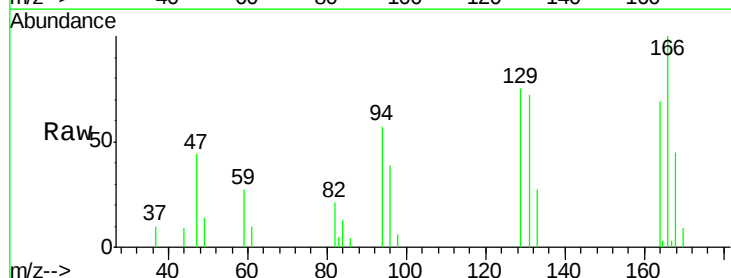
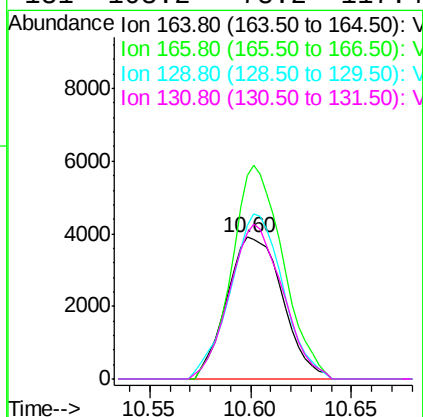
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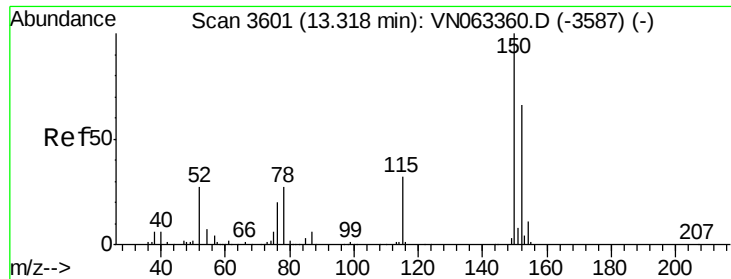
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#64
Tetrachloroethene
Concen: 2.924 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN063537.D
Acq: 22 Sep 2020 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	143.9	103.4	155.0
129	108.6	81.8	122.6
131	103.2	78.2	117.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063537.D

Acq: 22 Sep 2020 16:56

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20200916DL

Tot Ion:152 Resp: 172923

Ion Ratio Lower Upper

152 100

115 63.0 32.2 96.6

150 156.1 0.0 343.4

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