

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063520.D
 Acq On : 22 Sep 2020 6:05
 Operator : JC/MD
 Sample : L4082-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20200916

Manual Integrations
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Quant Time: Sep 22 09:44:13 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	218995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183110	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	7.55	113	135397	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	10.06	98	531896	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.38	95	206571	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
Target Compounds						
						Qvalue
3) Chloromethane	2.04	50	2031	0.619	ug/l #	87
9) 1,1,2-Trichlorotrifluoroet	3.72	101	713573	292.459	ug/l	99
12) 1,1-Dichloroethene	3.70	96	7229	2.925	ug/l	82
27) cis-1,2-Dichloroethene	6.78	96	17441	5.628	ug/l	95
30) Chloroform	7.33	83	2420	0.443	ug/l	97
44) Trichloroethene	8.80	130	427114	141.520	ug/l	100
49) 1,4-Dioxane	9.18	88	2327m	43.145	ug/l	
64) Tetrachloroethene	10.60	164	43294	15.379	ug/l	98

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

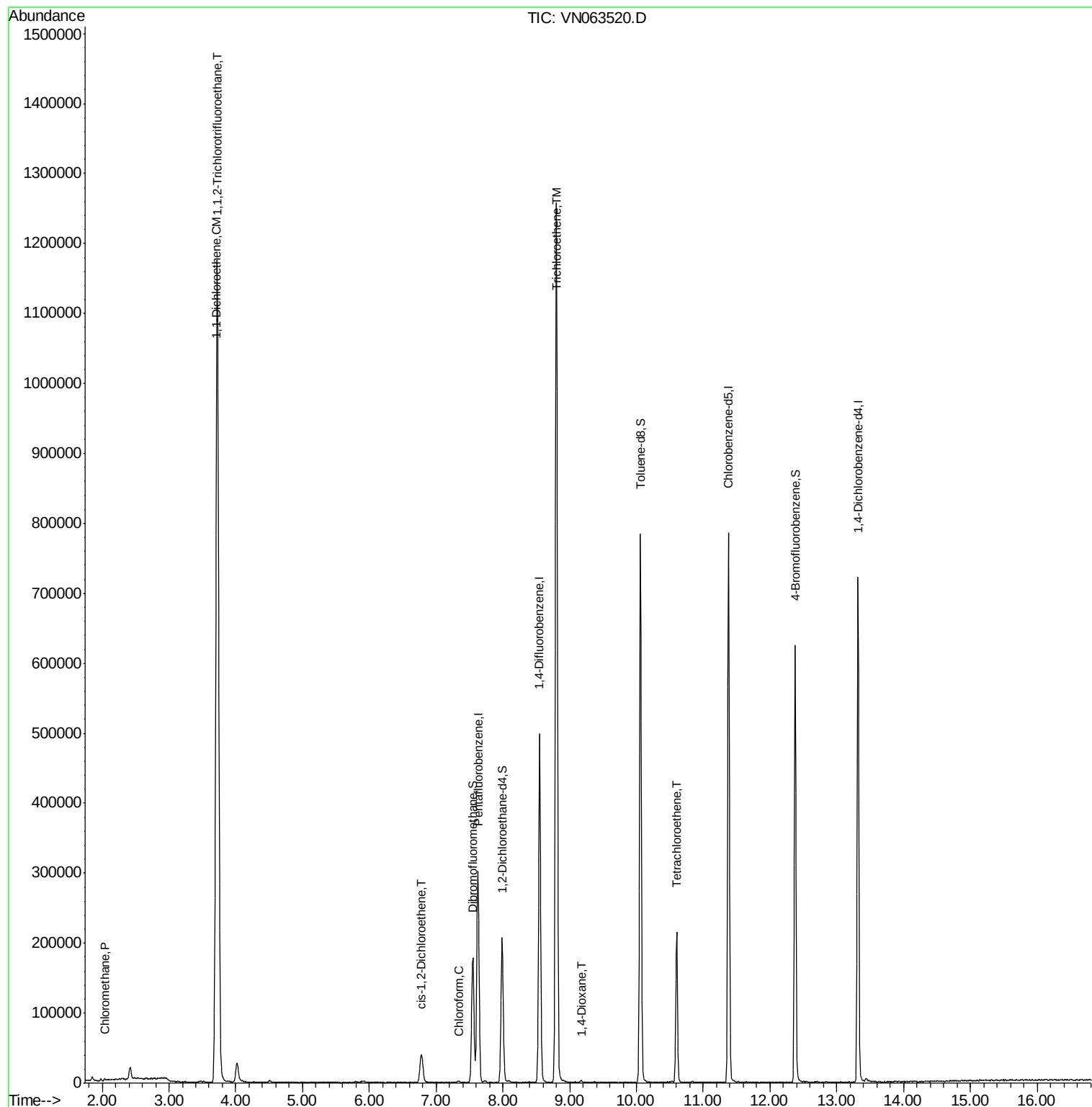
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063520.D
Acq On : 22 Sep 2020 6:05
Operator : JC/MD
Sample : L4082-18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 50 Sample Multiplier: 1

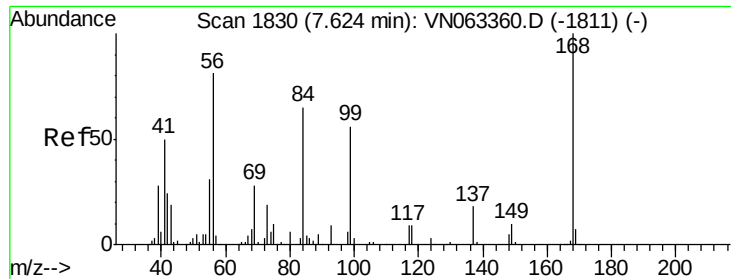
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20200916

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Quant Time: Sep 22 09:44:13 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: VN063520.D

Acq: 22 Sep 2020 6:05

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20200916

Tot Ion:168 Resp: 218995

Ion Ratio Lower Upper

168 100

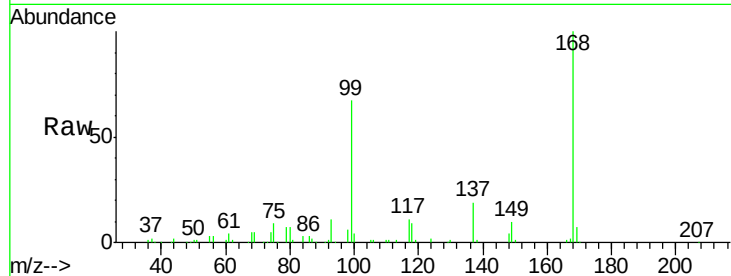
99 66.7 53.0 79.6

Manual Integrations

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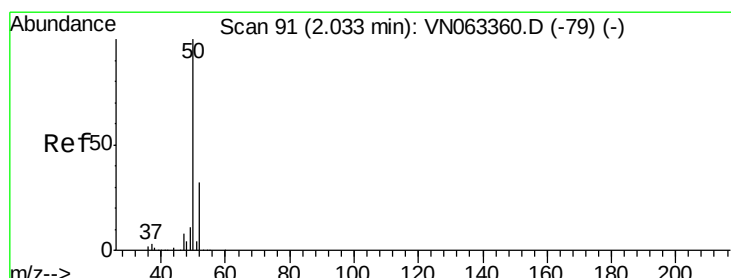
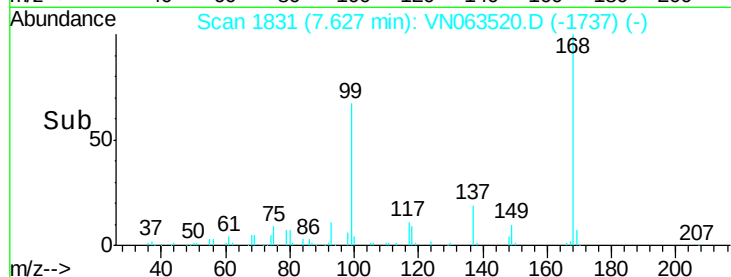
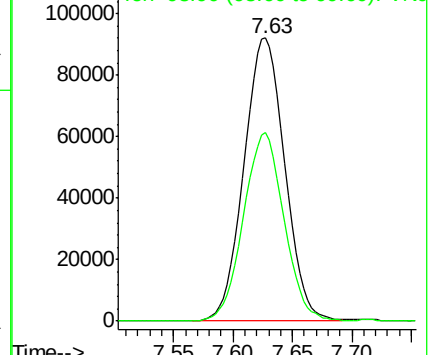
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.619 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063520.D

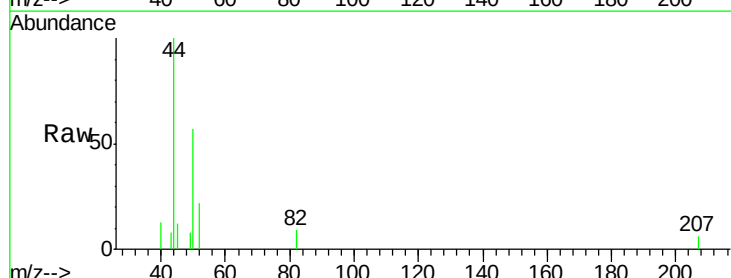
Acq: 22 Sep 2020 6:05

Tgt Ion: 50 Resp: 2031

Ion Ratio Lower Upper

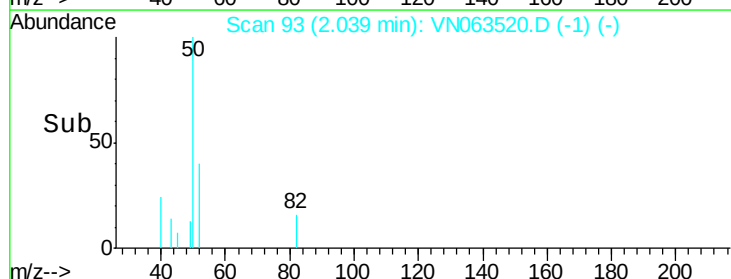
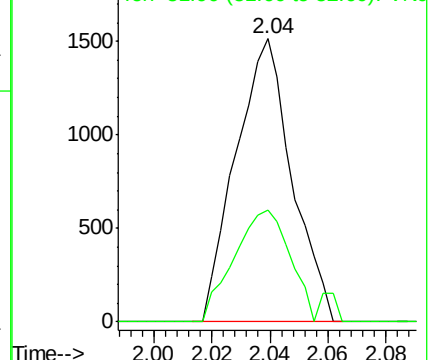
50 100

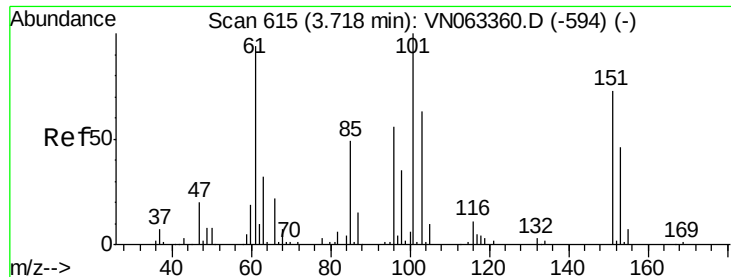
52 39.7 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





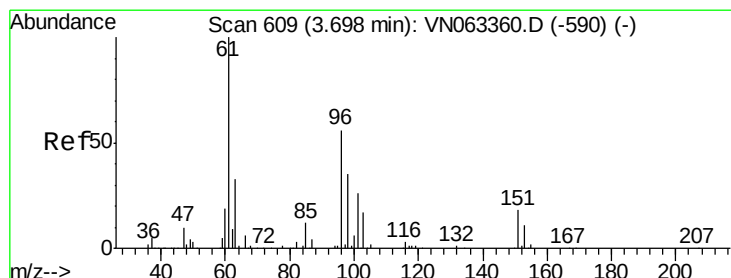
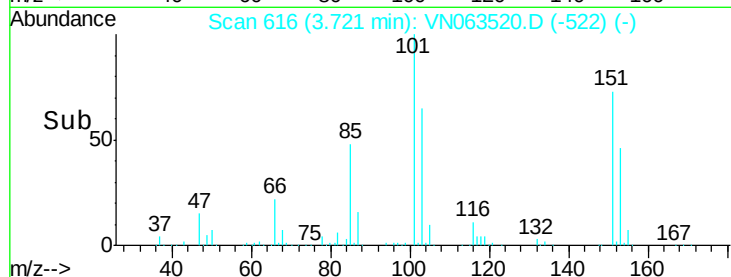
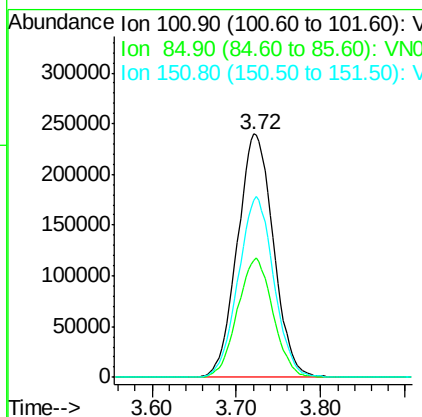
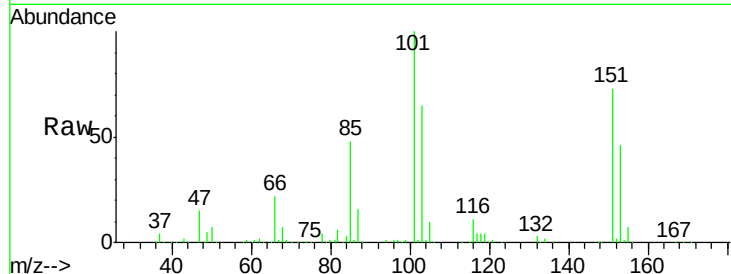
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 292.459 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063520.D
 Acq: 22 Sep 2020 6:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20200916

Tot Ion	Ratio	Resp	Lower	Upper
101	100	713573		
85	48.2		37.7	56.5
151	73.2		57.7	86.5

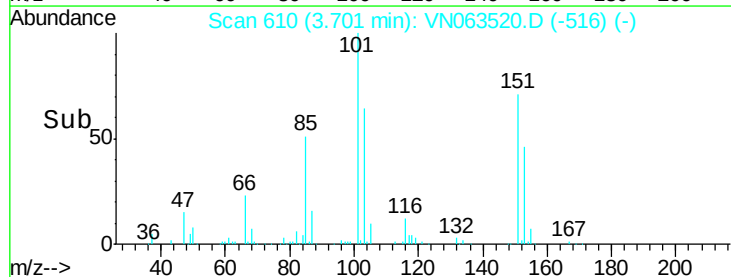
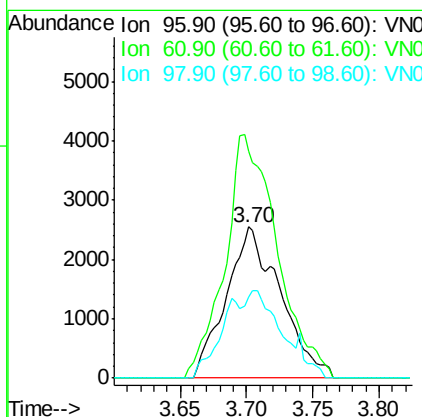
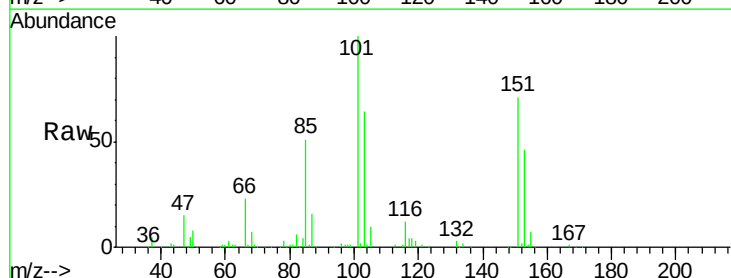
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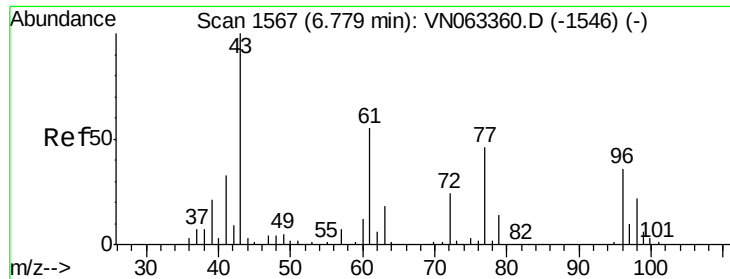
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#12
 1,1-Dichloroethene
 Concen: 2.925 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063520.D
 Acq: 22 Sep 2020 6:05

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	7229		
61	150.5		143.4	215.2
98	53.4		50.6	76.0





#27

cis-1,2-Dichloroethene

Concen: 5.628 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063520.D

Acq: 22 Sep 2020 6:05

Instrument :

MSVOA_N

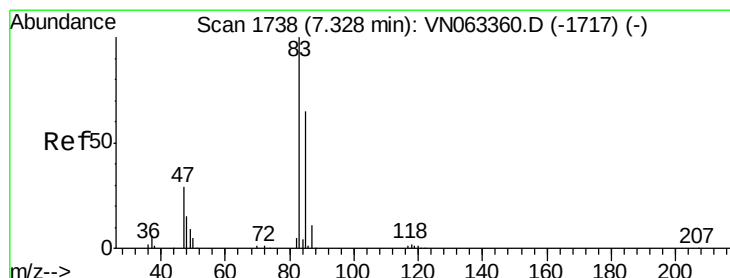
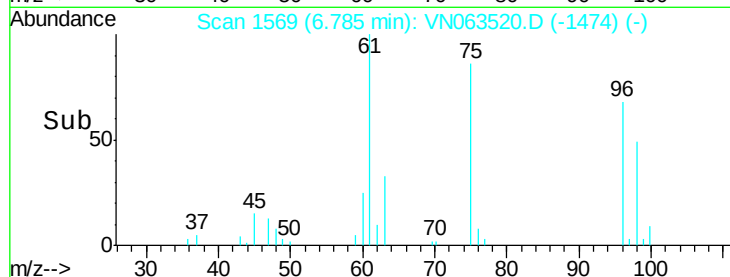
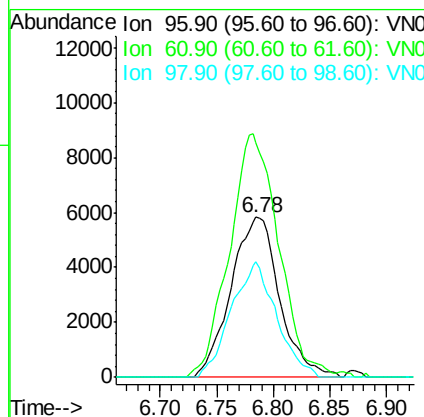
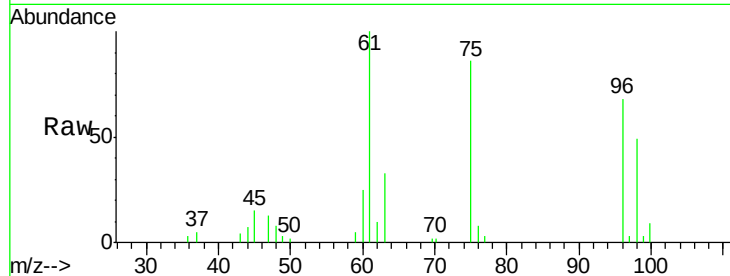
ClientSampleId :

RE131D2-20200916

Tot Ion:	96	Resp:	17441
Ion Ratio	Lower	Upper	
96	100		
61	153.5	0.0	319.6
98	66.9	0.0	127.8

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#30

Chloroform

Concen: 0.443 ug/l

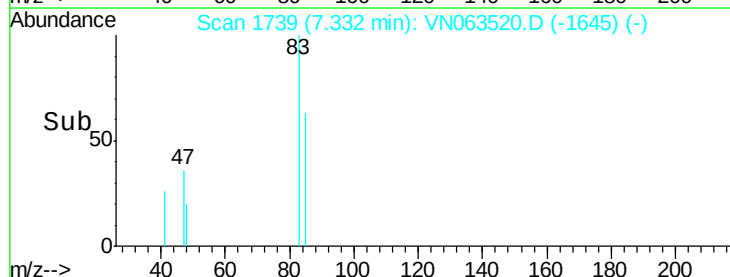
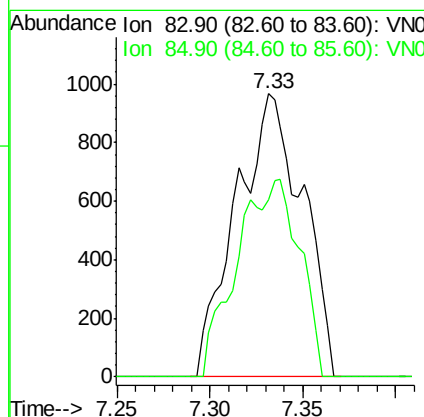
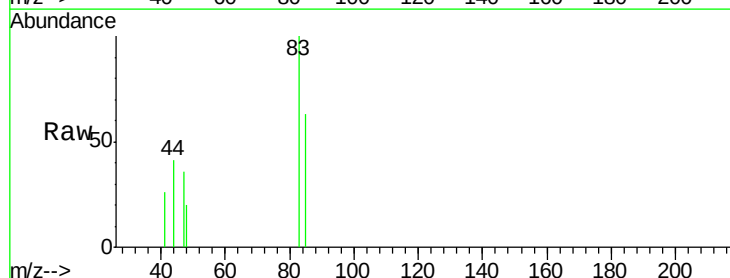
RT: 7.33 min Scan# 1739

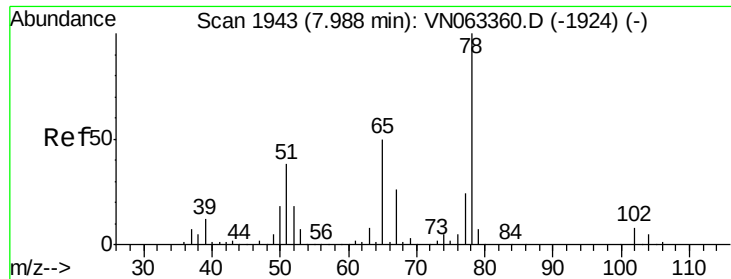
Delta R.T. 0.00 min

Lab File: VN063520.D

Acq: 22 Sep 2020 6:05

Tgt Ion:	83	Resp:	2420
Ion Ratio	Lower	Upper	
83	100		
85	62.8	52.1	78.1





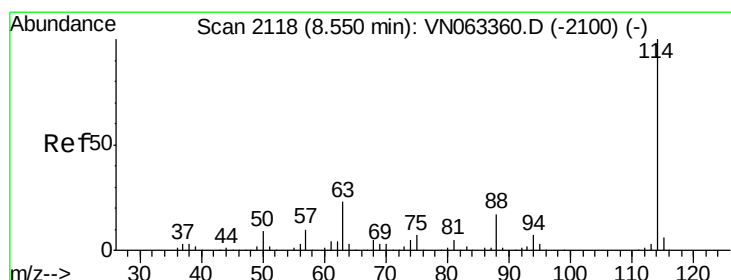
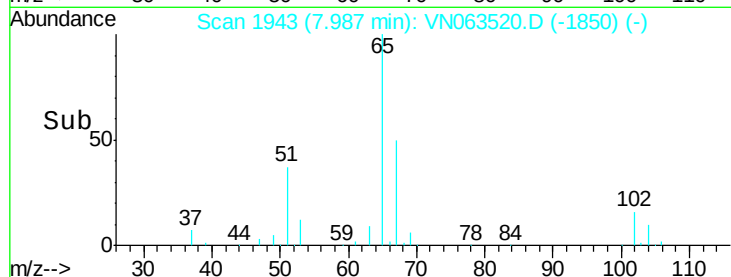
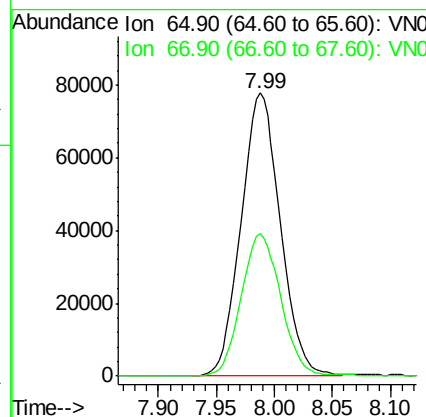
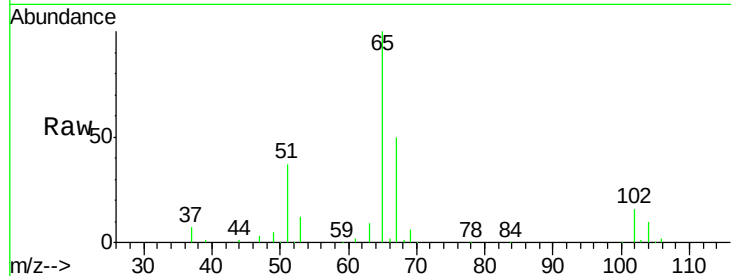
#33
 1,2-Dichloroethane-d4
 Concen: 49.119 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063520.D
 Acq: 22 Sep 2020 6:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20200916

Tot Ion	Ratio	Resp	Lower	Upper
65	100	183110		
67	50.5	0.0	104.2	

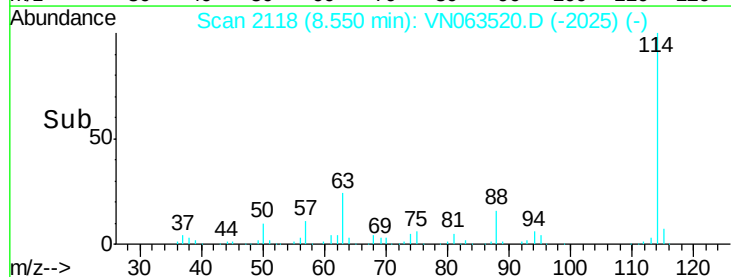
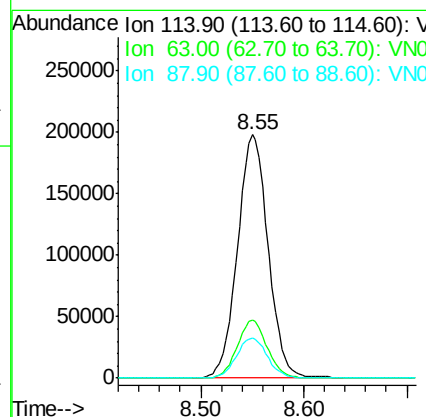
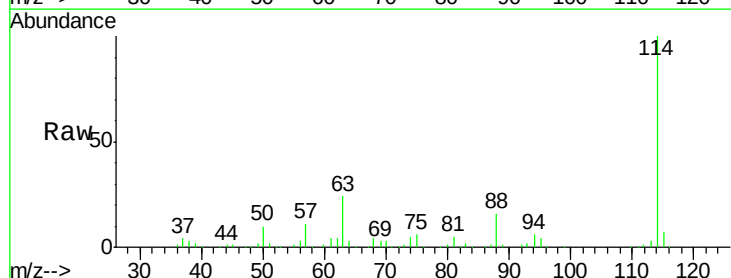
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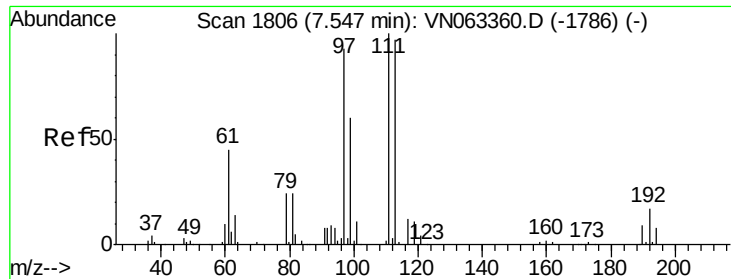
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063520.D
 Acq: 22 Sep 2020 6:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	409155		
63	23.9	0.0	46.4	
88	16.3	0.0	33.2	





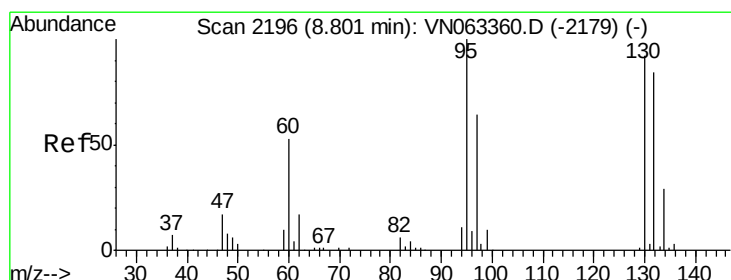
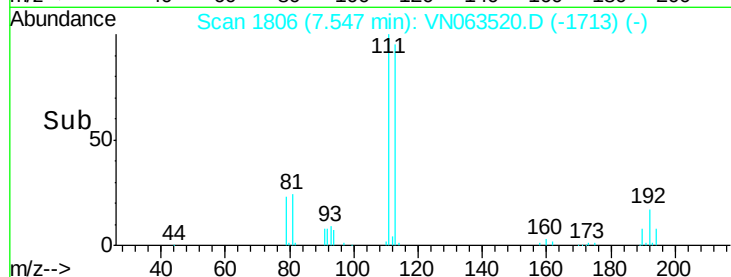
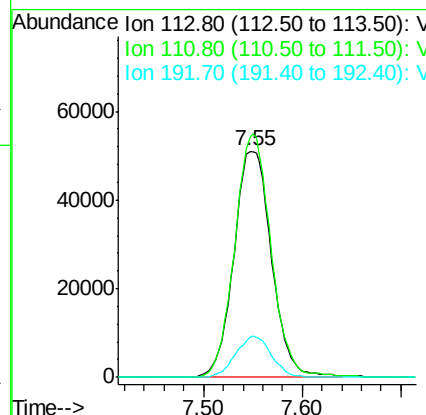
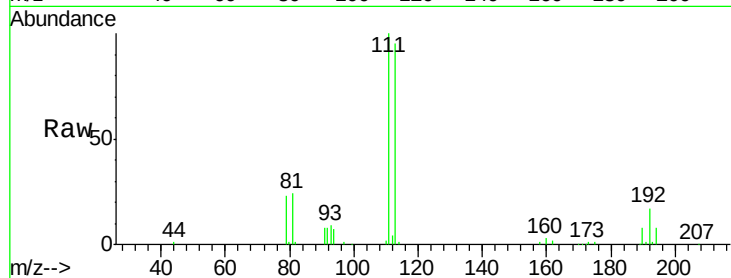
#35
 Dibromofluoromethane
 Concen: 47.801 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063520.D
 Acq: 22 Sep 2020 6:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20200916

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135397		
111	102.8	82.9	124.3	
192	17.3	13.9	20.9	

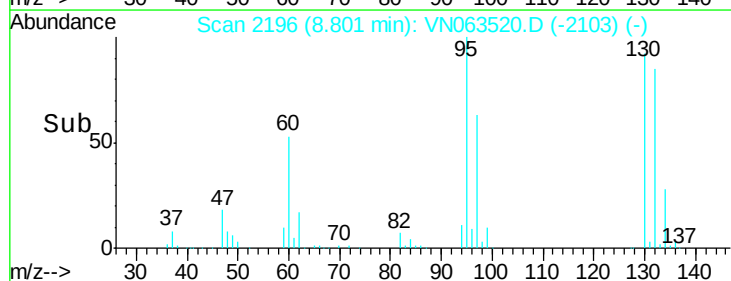
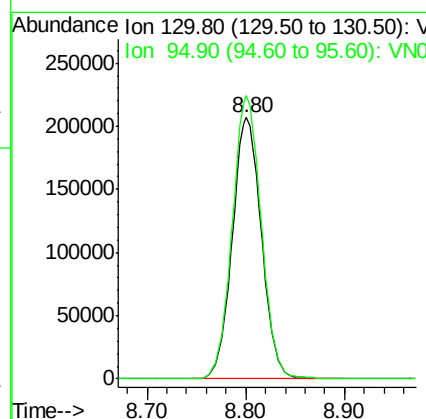
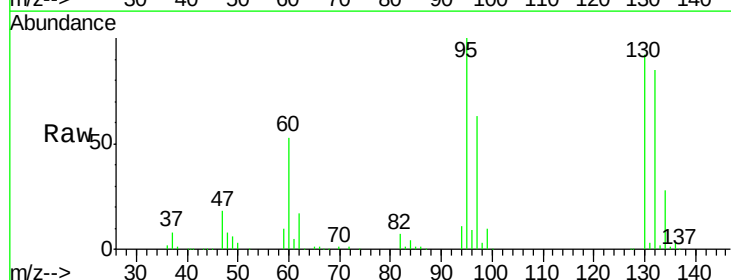
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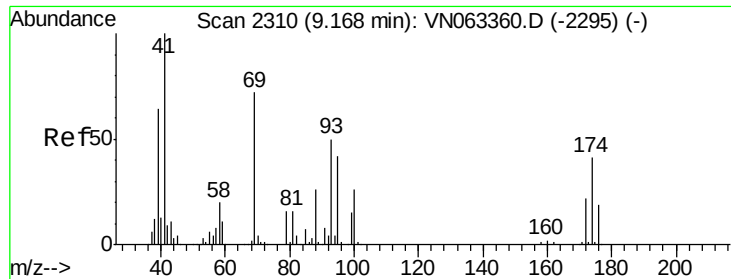
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#44
 Trichloroethene
 Concen: 141.520 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063520.D
 Acq: 22 Sep 2020 6:05

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	427114		
95	108.4	0.0	217.4	





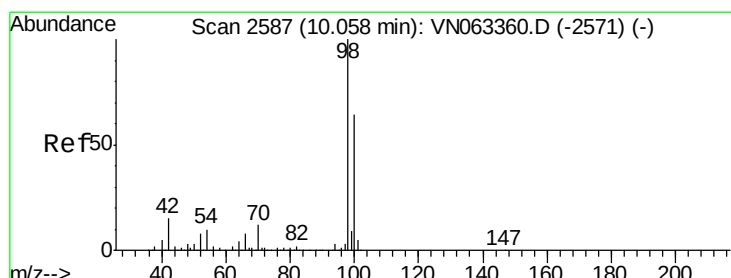
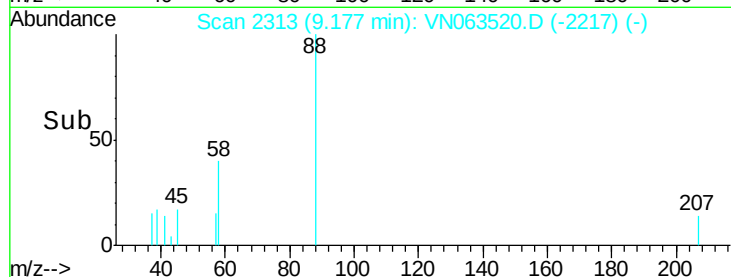
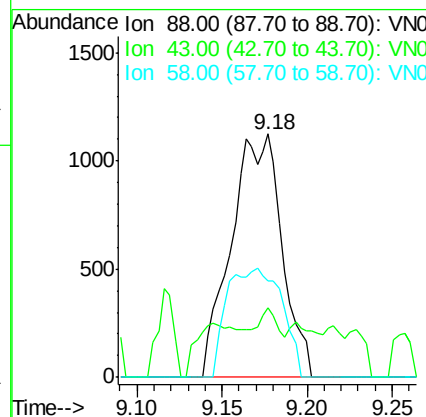
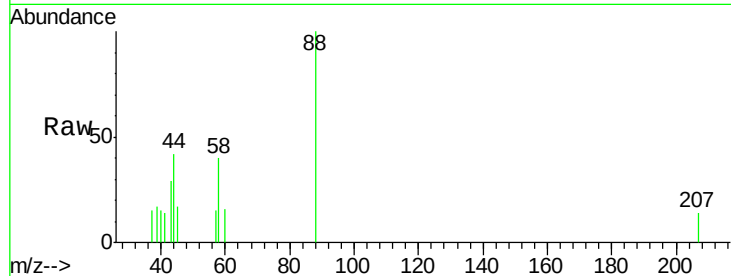
#49
1,4-Dioxane
Concen: 43.145 ug/l m
RT: 9.18 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN063520.D
Acq: 22 Sep 2020 6:05

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20200916

Tot Ion	Ratio	Resp	Lower	Upper
88	100	2327		
43	4.3		32.6	49.0#
58	48.5		60.0	90.0#

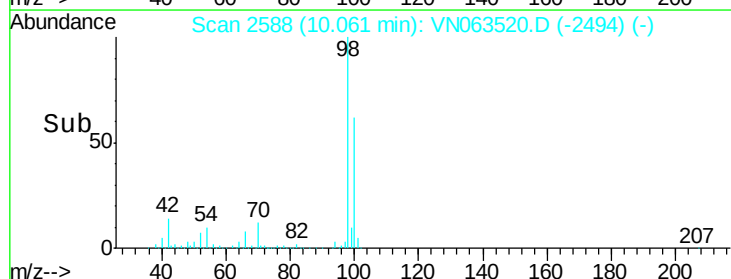
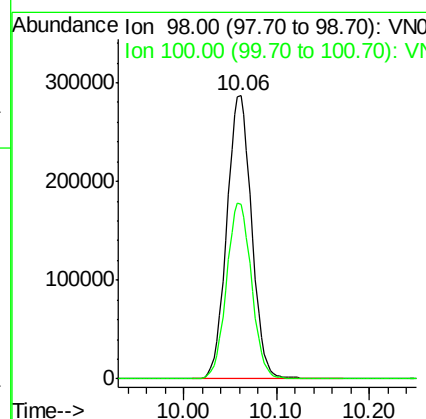
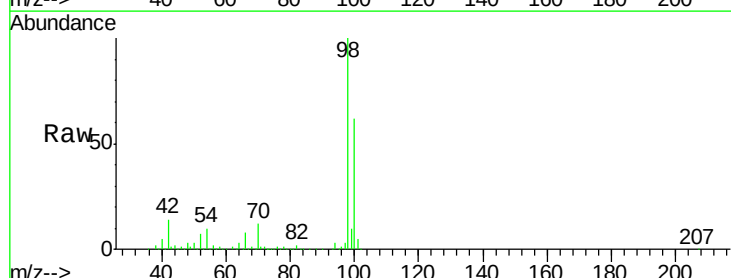
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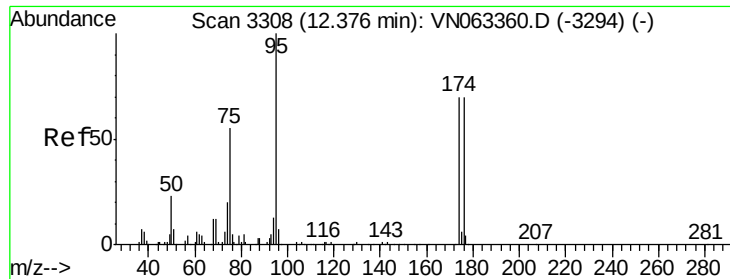
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#50
Toluene-d8
Concen: 49.940 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063520.D
Acq: 22 Sep 2020 6:05

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	531896		
100	62.5		50.7	76.1





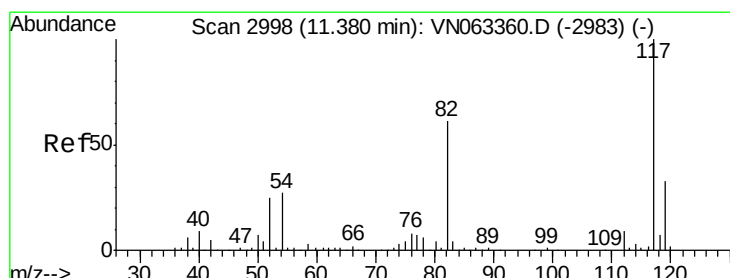
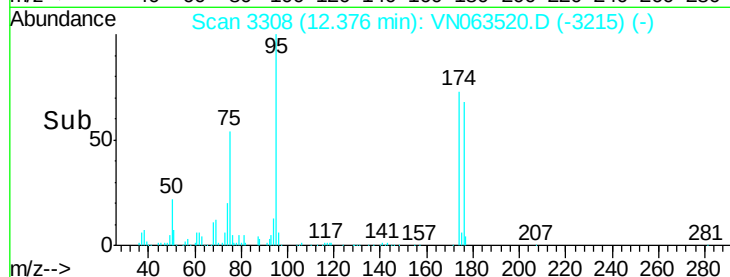
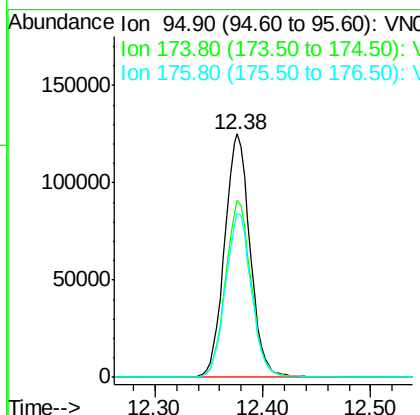
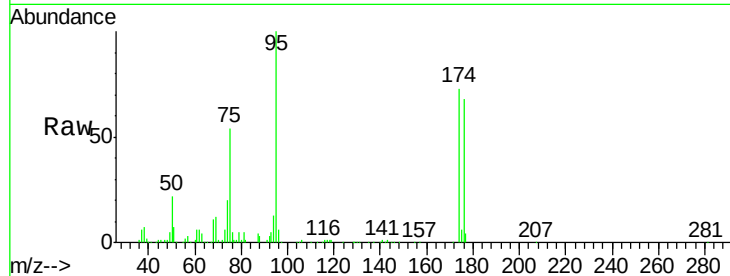
#62
4-Bromofluorobenzene
Concen: 52.908 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063520.D
Acq: 22 Sep 2020 6:05

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20200916

Tot Ion	Ratio	Resp	Lower	Upper
95	100	206571		
174	73.2	0.0	140.8	
176	68.5	0.0	137.6	

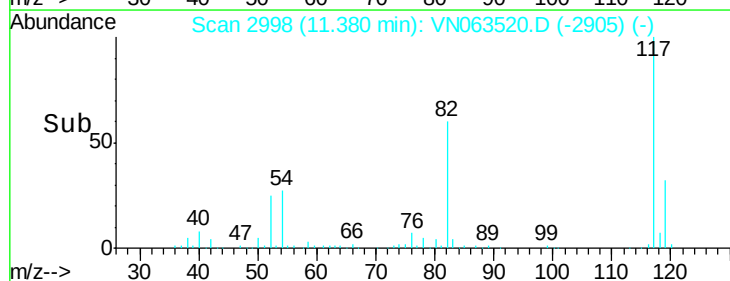
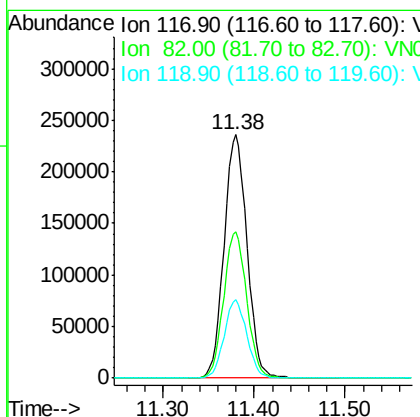
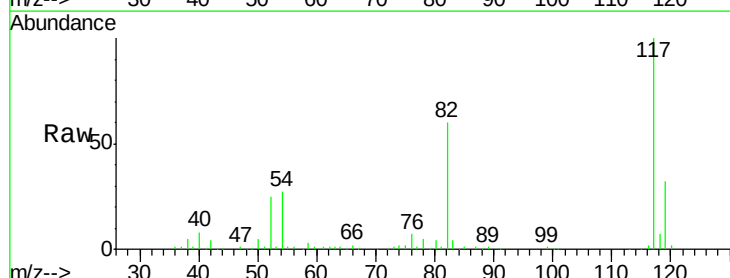
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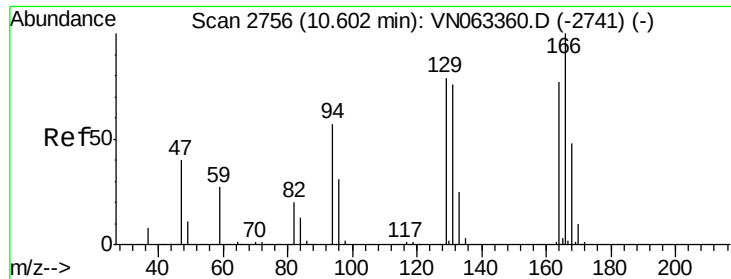
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063520.D
Acq: 22 Sep 2020 6:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	413439		
82	60.4	49.2	73.8	
119	32.0	26.2	39.4	





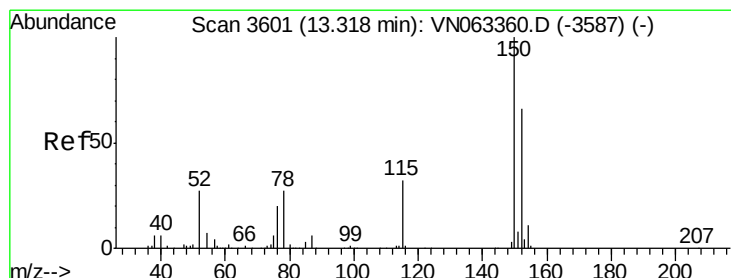
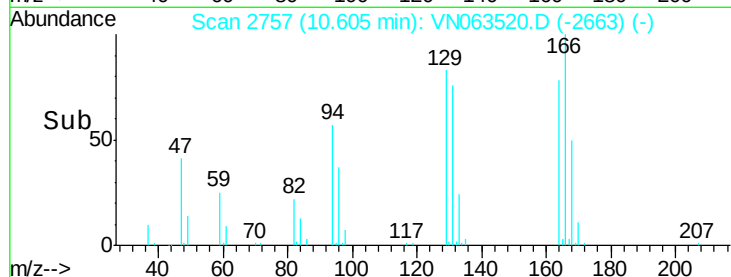
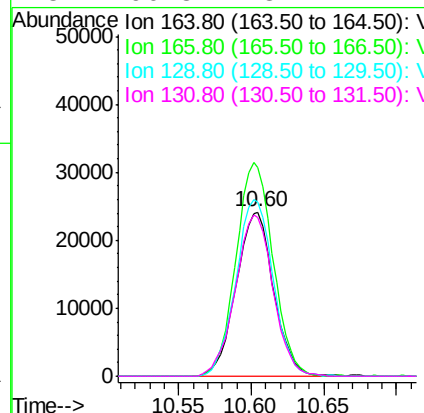
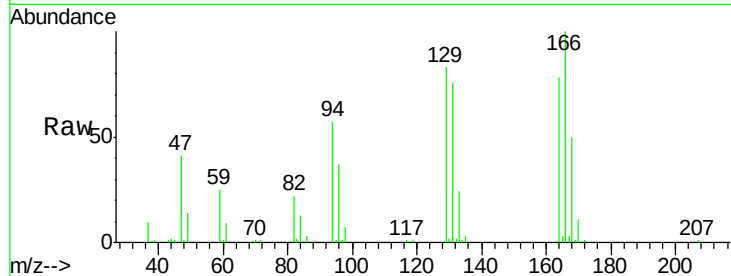
#64
Tetrachloroethene
Concen: 15.379 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063520.D
Acq: 22 Sep 2020 6:05

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20200916

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.4	103.4	155.0	
129	105.9	81.8	122.6	
131	96.8	78.2	117.4	

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:31 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063520.D
Acq: 22 Sep 2020 6:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	67.2	32.2	96.6	
150	163.1	0.0	343.4	

