

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063351.D
 Acq On : 14 Sep 2020 18:54
 Operator : JC/MD
 Sample : L3988-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

Manual Integrations
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Quant Time: Sep 15 08:20:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	376115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	705480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	686901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	288130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	290304	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	7.55	113	224751	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.06	98	906269	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.38	95	338741	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.68	64	38512	11.520	ug/l	96
12) 1,1-Dichloroethene	3.70	96	18896	4.585	ug/l	88
24) 1,1-Dichloroethane	5.80	63	715923	79.397	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	13759	1.748	ug/l	96
40) Benzene	8.00	78	7407	0.358	ug/l	92
65) Chlorobenzene	11.41	112	7029	0.475	ug/l	97
83) tert-Butylbenzene	12.97	119	6750	0.412	ug/l	97
85) sec-Butylbenzene	13.15	105	26522	1.274	ug/l	87
87) 1,3-Dichlorobenzene	13.26	146	4769	0.488	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	21449m	1.305	ug/l	
91) 1,2-Dichlorobenzene	13.63	146	8292	0.859	ug/l	91

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

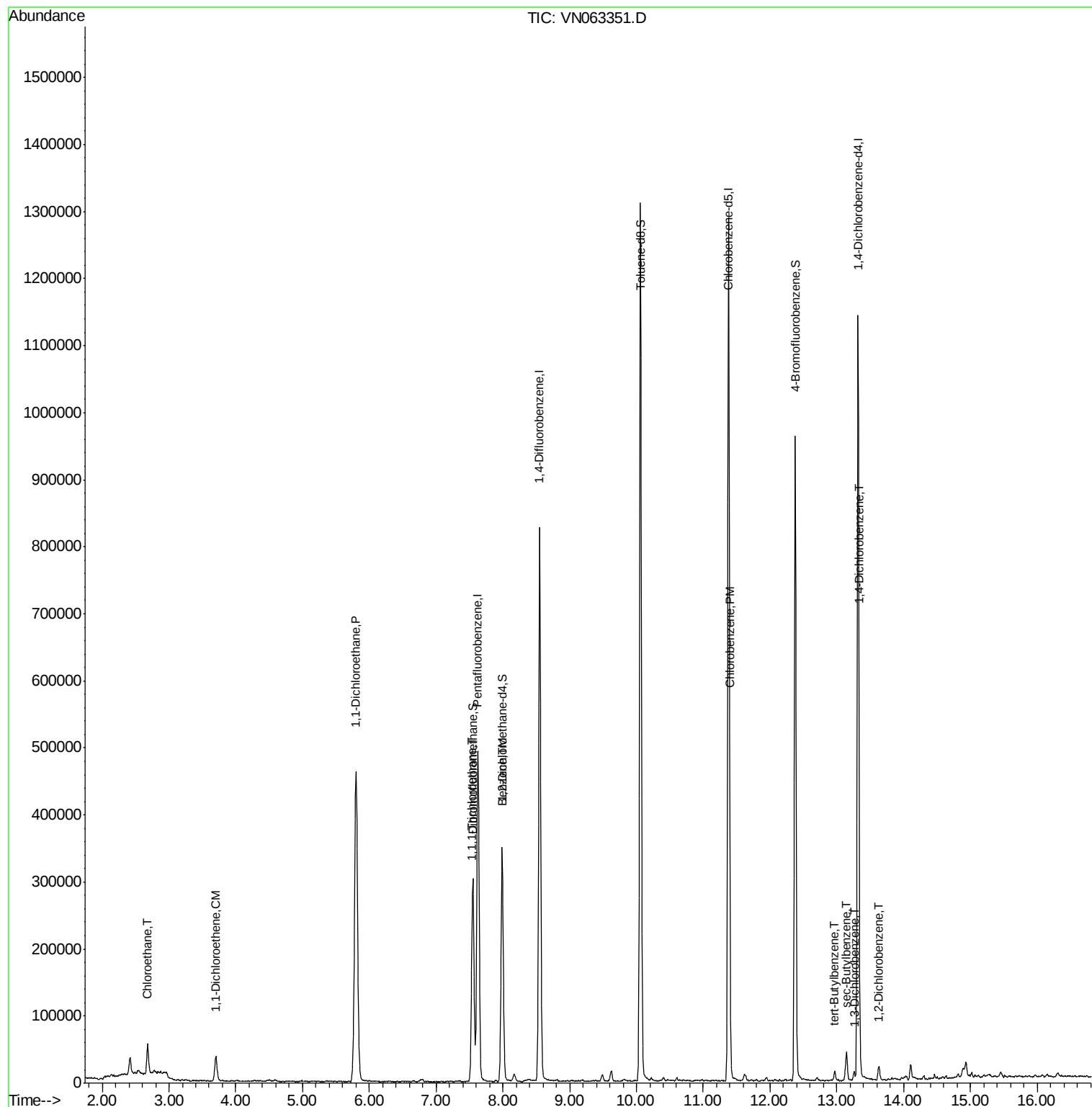
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
Data File : VN063351.D
Acq On : 14 Sep 2020 18:54
Operator : JC/MD
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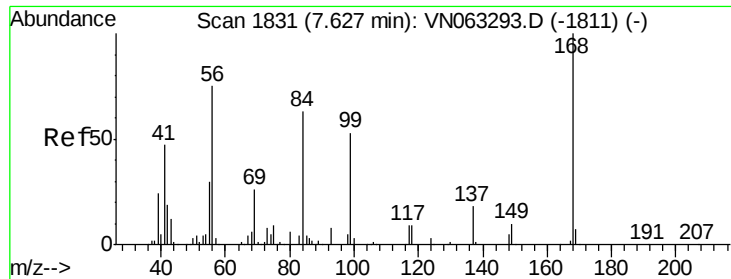
Instrument :
MSVOA_N
ClientSampleId :
SA-PZ190I-20200909

Manual Integrations
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Quant Time: Sep 15 08:20:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 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: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ190I-20200909

Tot Ion:168 Resp: 376115

Ion Ratio Lower Upper

168 100

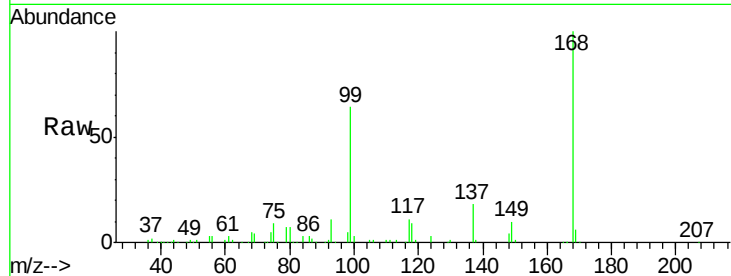
99 63.7 51.1 76.7

Manual Integrations

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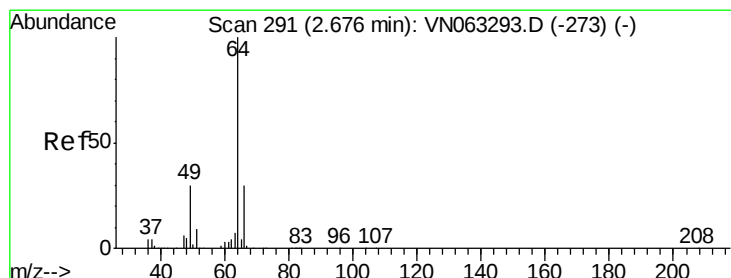
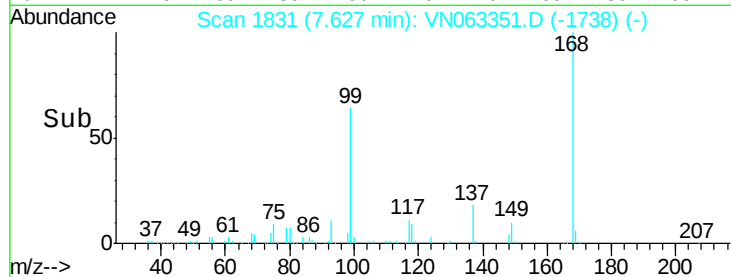
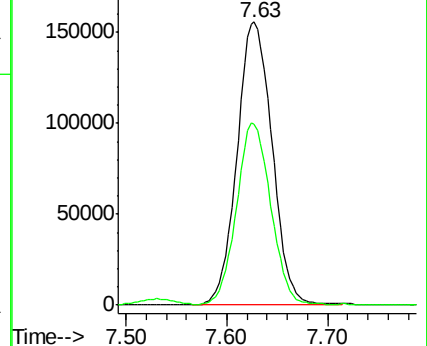
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#6

Chloroethane

Concen: 11.520 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063351.D

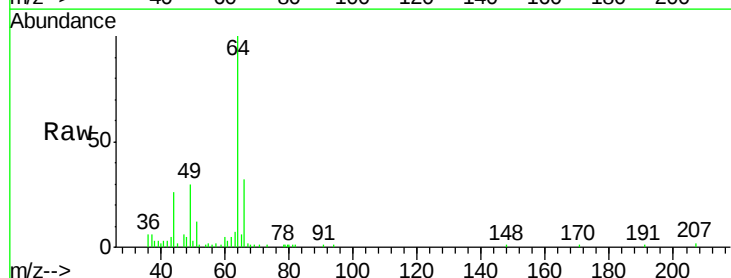
Acq: 14 Sep 2020 18:54

Tgt Ion: 64 Resp: 38512

Ion Ratio Lower Upper

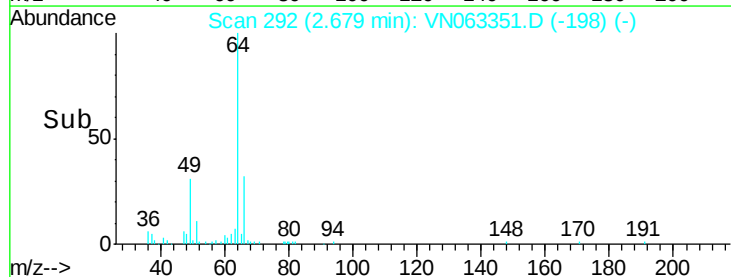
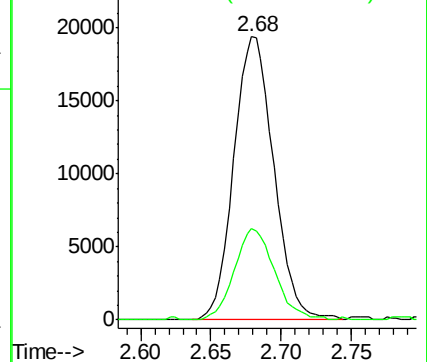
64 100

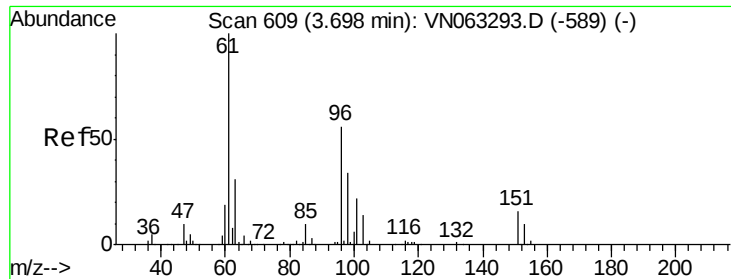
66 32.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





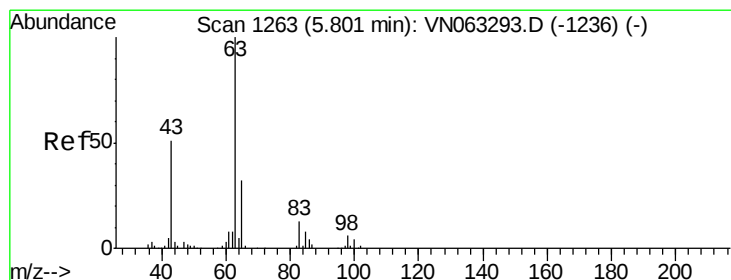
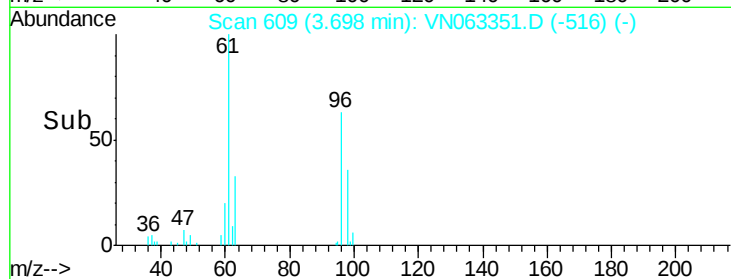
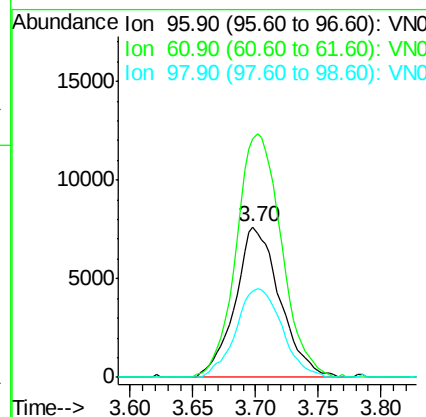
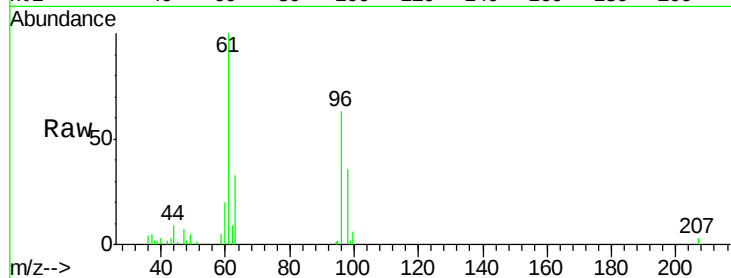
#12
 1,1-Dichloroethene
 Concen: 4.585 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	158.2		142.1	213.1	
98	56.9		48.8	73.2	

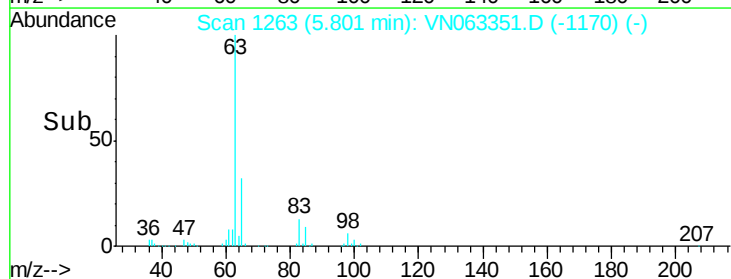
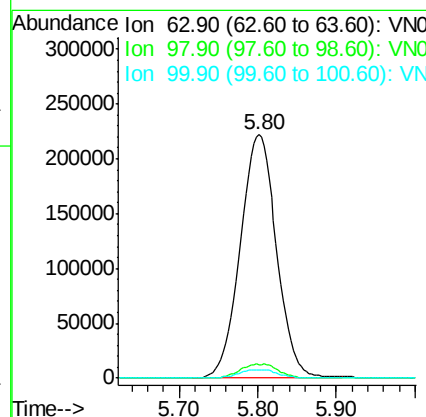
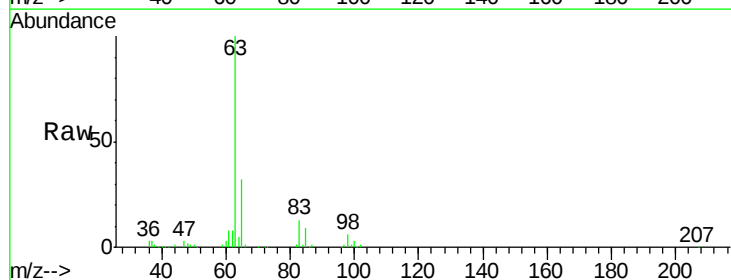
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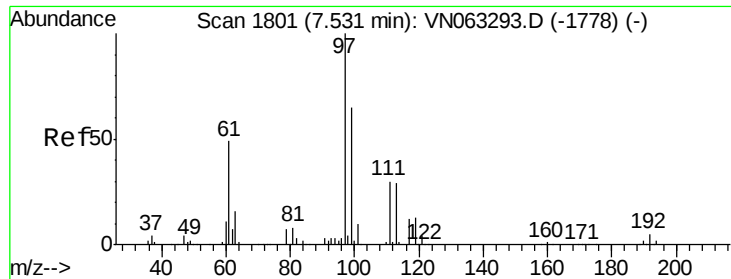
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#24
 1,1-Dichloroethane
 Concen: 79.397 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	5.6		3.1	9.3	
100	3.5		2.0	6.0	





#32

1,1,1-Trichloroethane

Concen: 1.748 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

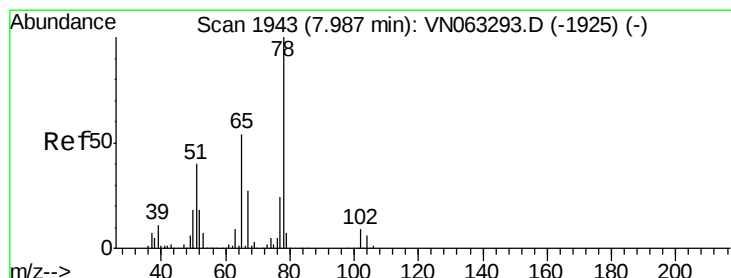
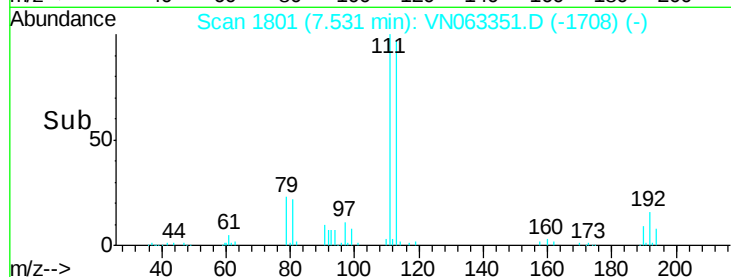
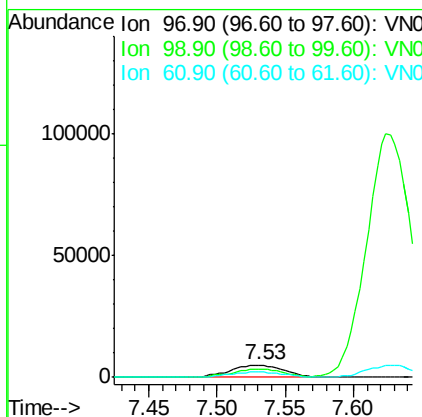
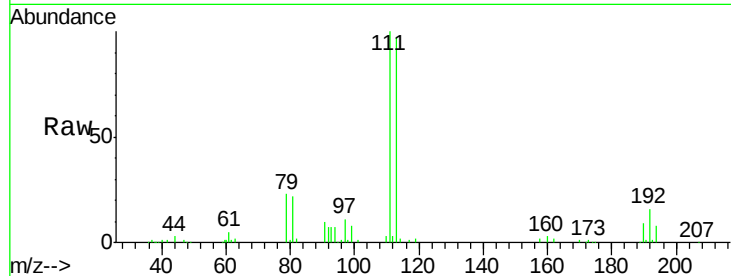
ClientSampleId :

SA-PZ190I-20200909

Tot Ion:	97	Resp:	13759
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.4	77.2
61	44.0	38.9	58.3

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#33

1,2-Dichloroethane-d4

Concen: 49.127 ug/l

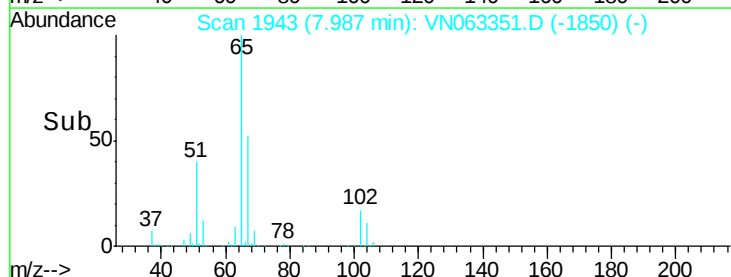
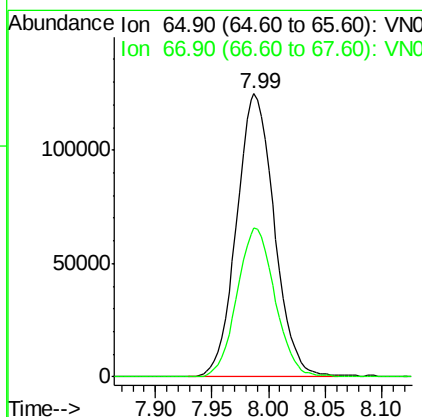
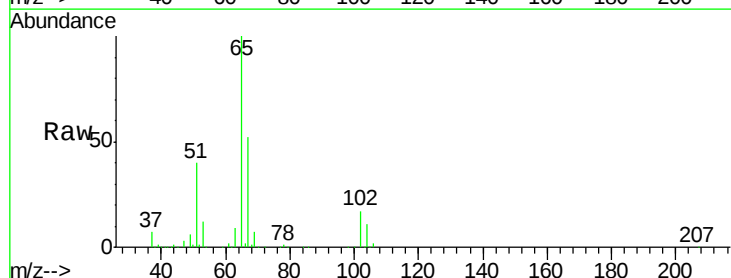
RT: 7.99 min Scan# 1943

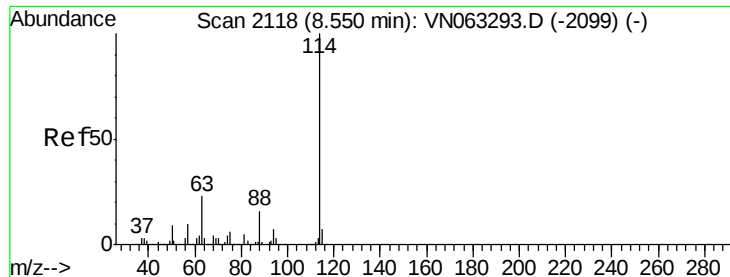
Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Tgt Ion:	65	Resp:	290304
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.6





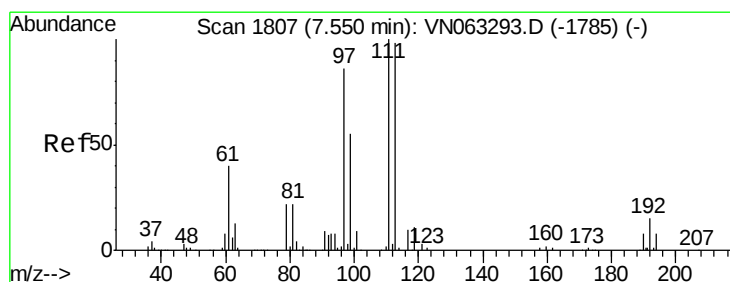
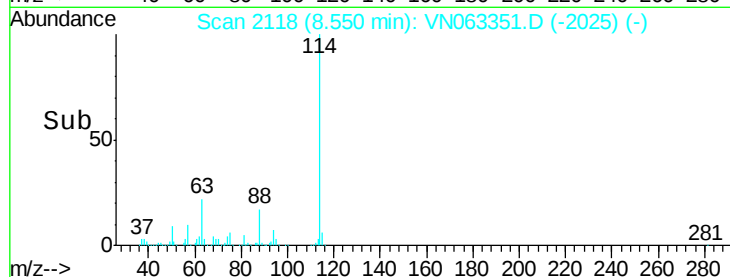
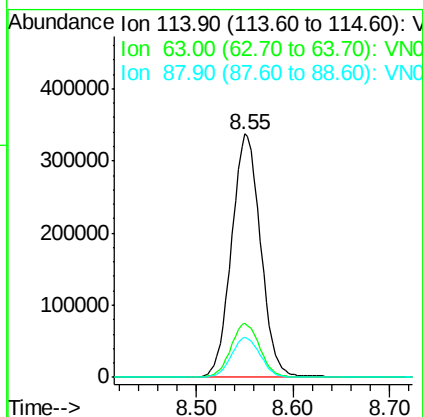
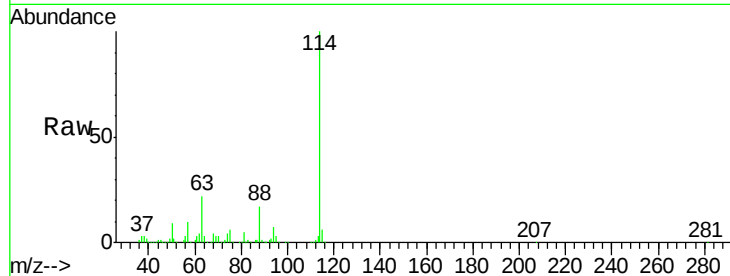
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

Tot Ion	Ratio	Resp	Lower	Upper
114	100	705480		
63	22.1		0.0	46.0
88	16.5		0.0	32.8

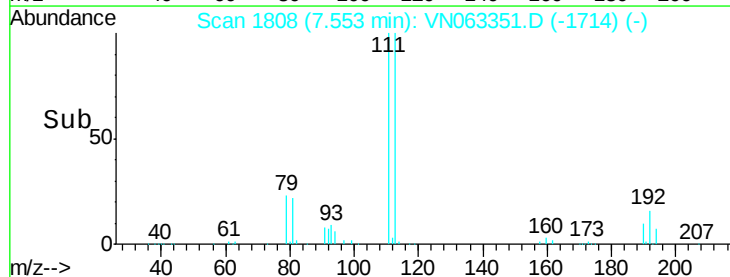
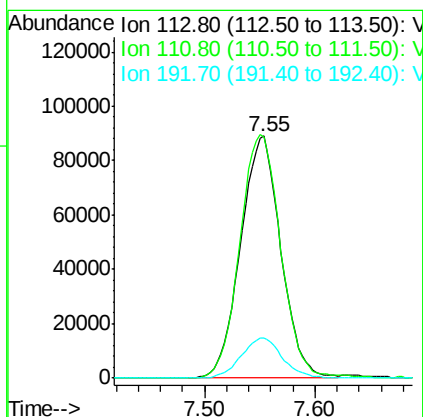
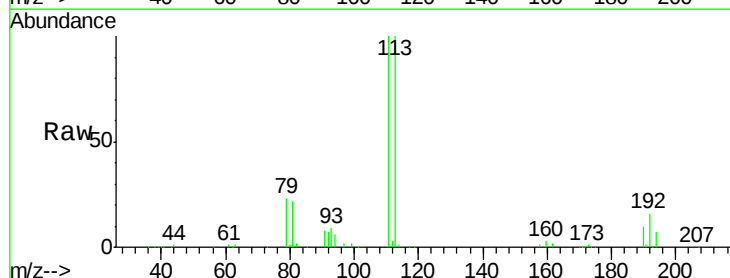
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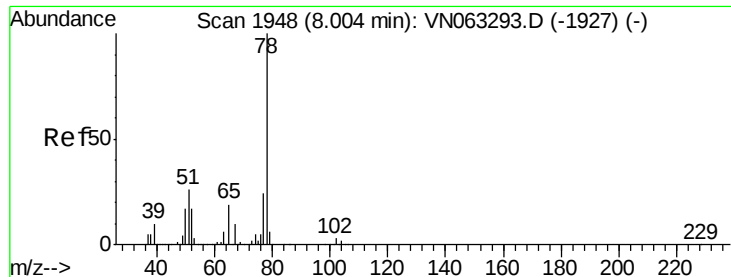
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#35
 Dibromofluoromethane
 Concen: 49.382 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	224751		
111	102.1		82.2	123.2
192	16.8		12.9	19.3





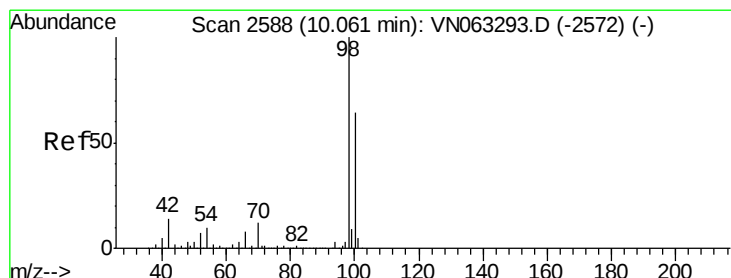
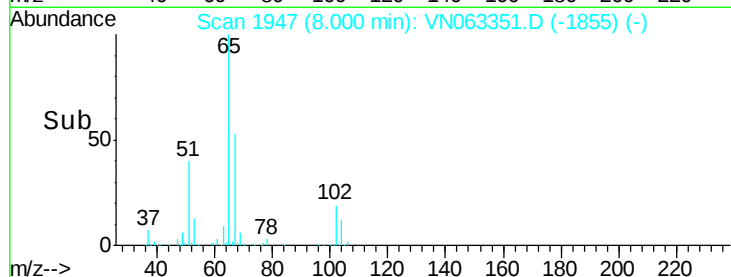
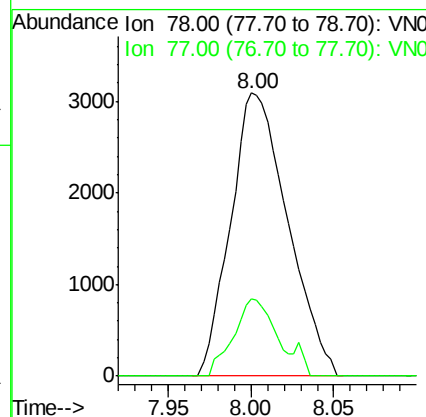
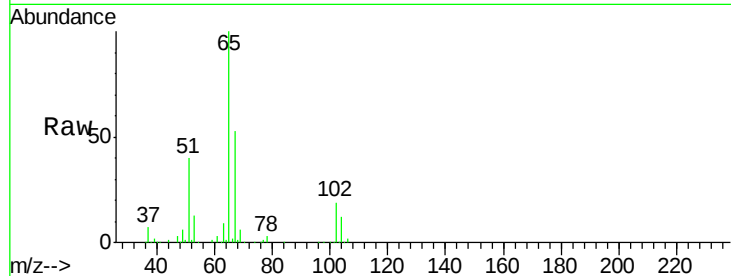
#40
Benzene
Concen: 0.358 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063351.D
Acq: 14 Sep 2020 18:54

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ190I-20200909

Tot Ion: 78 Resp: 7407
Ion Ratio Lower Upper
78 100
77 27.4 18.8 28.2

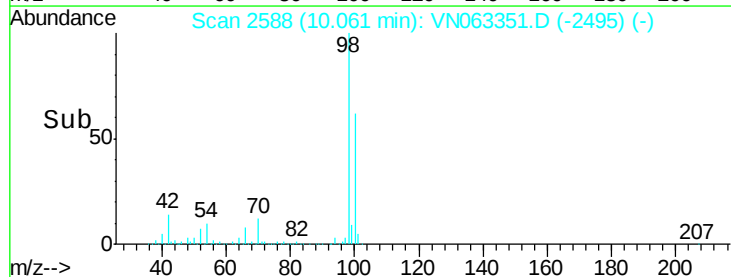
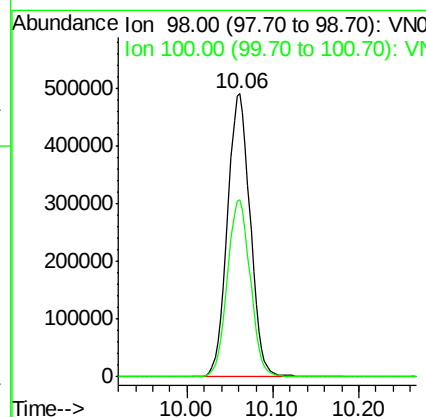
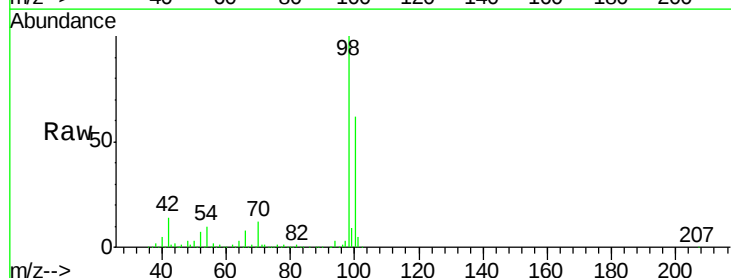
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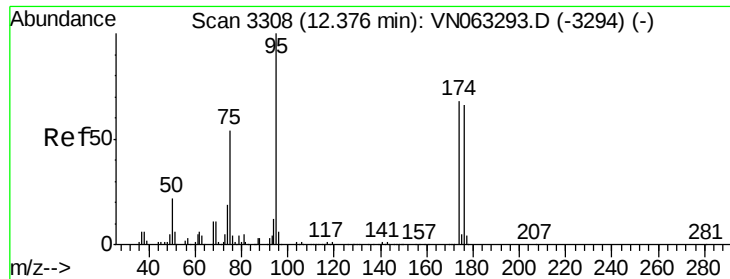
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#50
Toluene-d8
Concen: 51.961 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063351.D
Acq: 14 Sep 2020 18:54

Tgt Ion: 98 Resp: 906269
Ion Ratio Lower Upper
98 100
100 62.7 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 52.583 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

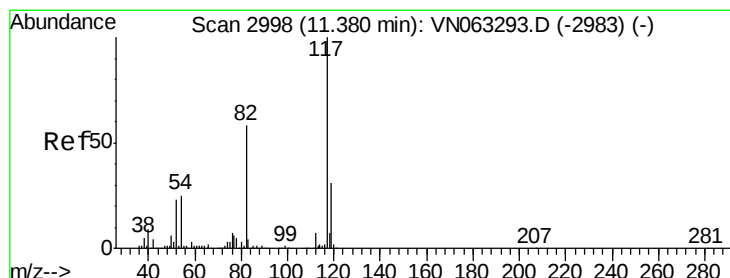
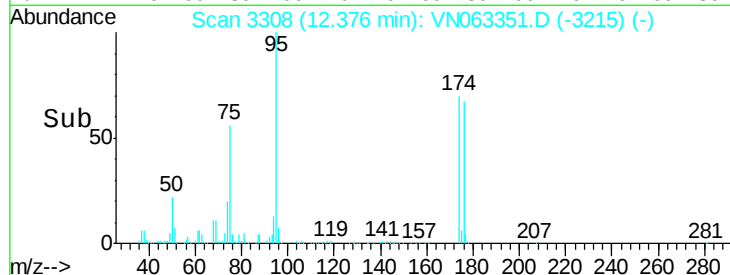
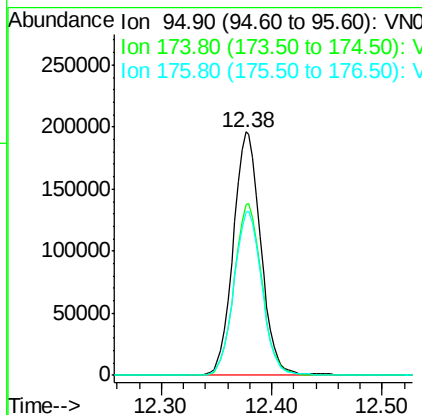
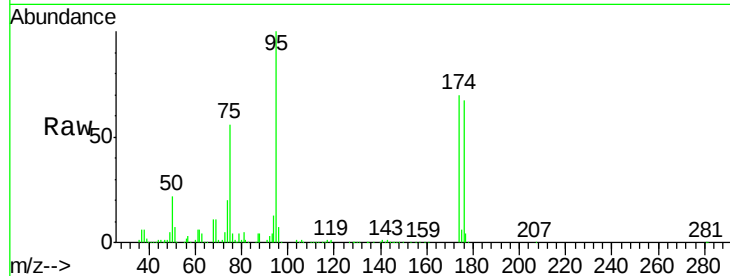
ClientSampleId :

SA-PZ190I-20200909

Tot Ion:	95	Resp:	338741
Ion Ratio	Lower	Upper	
95	100		
174	70.7	0.0	136.6
176	68.6	0.0	132.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

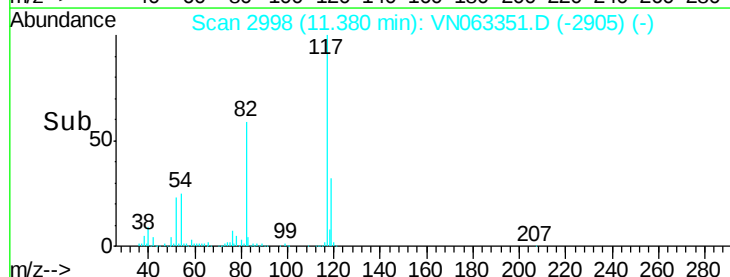
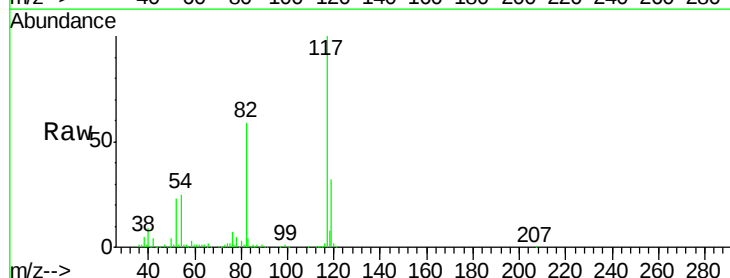
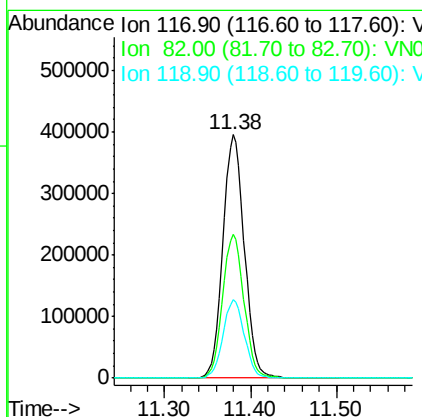
RT: 11.38 min Scan# 2998

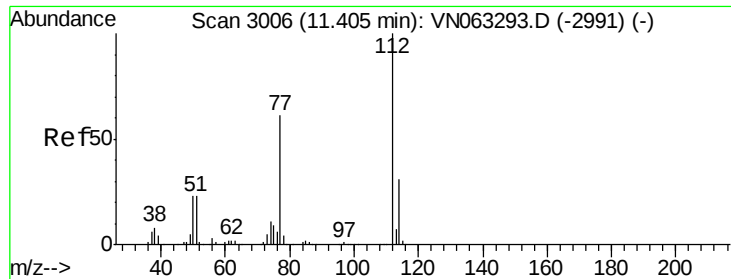
Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Tgt Ion:	117	Resp:	686901
Ion Ratio	Lower	Upper	
117	100		
82	59.1	46.4	69.6
119	32.0	24.8	37.2





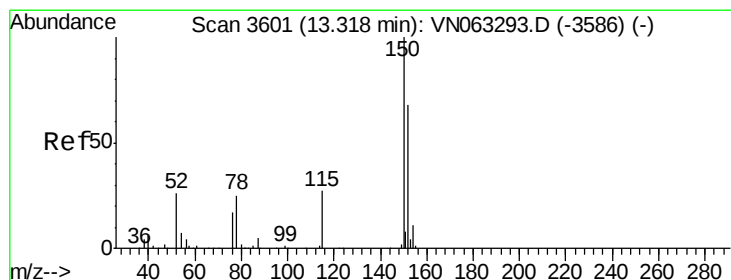
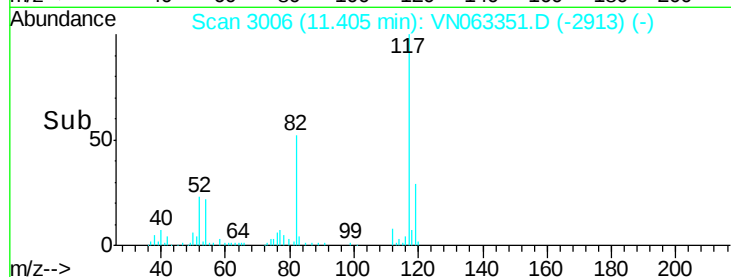
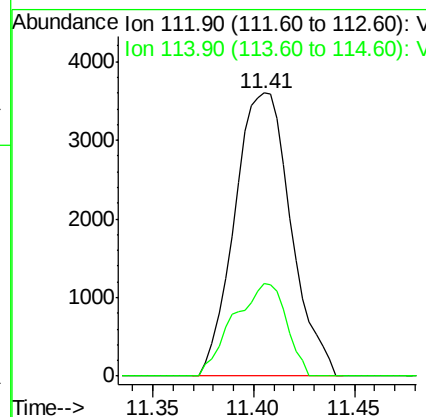
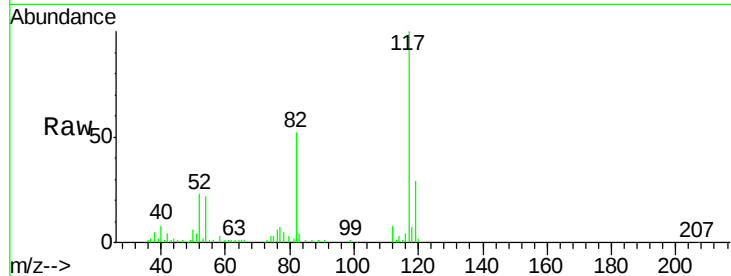
#65
Chlorobenzene
Concen: 0.475 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063351.D
Acq: 14 Sep 2020 18:54

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ190I-20200909

Tot Ion:112 Resp: 7029
Ion Ratio Lower Upper
112 100
114 32.5 24.6 36.8

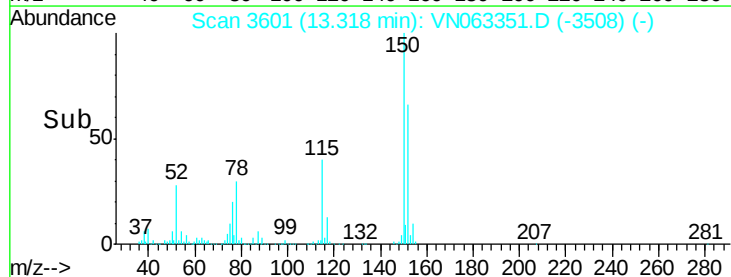
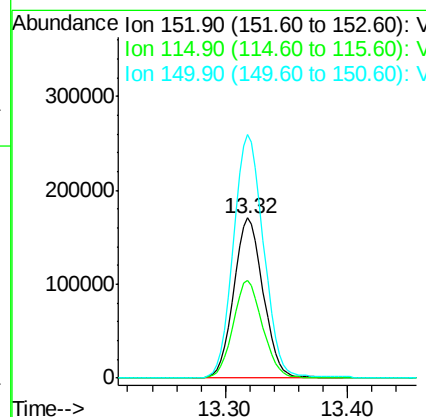
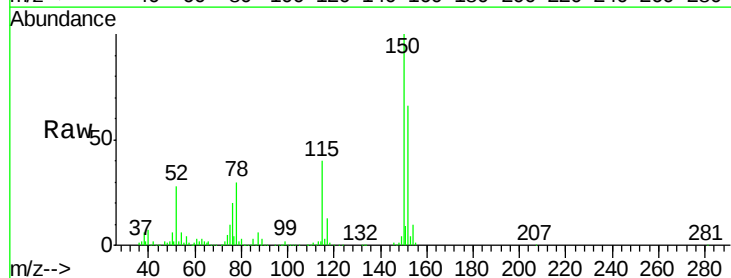
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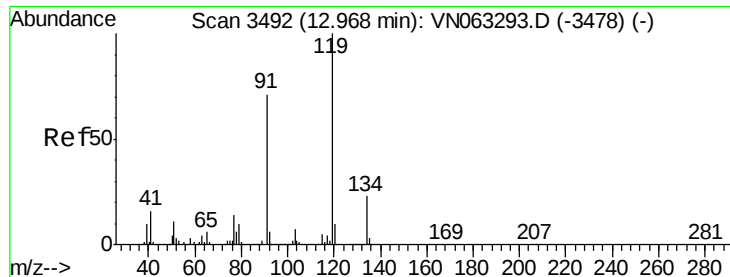
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063351.D
Acq: 14 Sep 2020 18:54

Tgt Ion:152 Resp: 288130
Ion Ratio Lower Upper
152 100
115 61.0 31.5 94.5
150 154.7 0.0 344.0





#83

tert-Butylbenzene

Concen: 0.412 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Instrument :

MSVOA_N

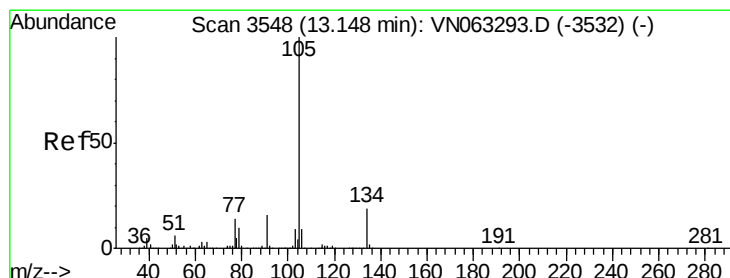
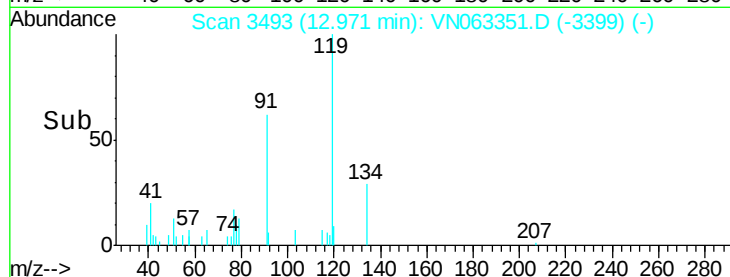
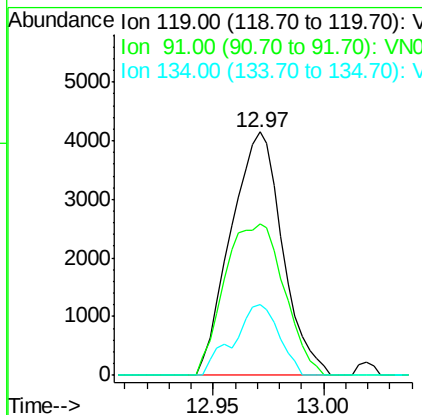
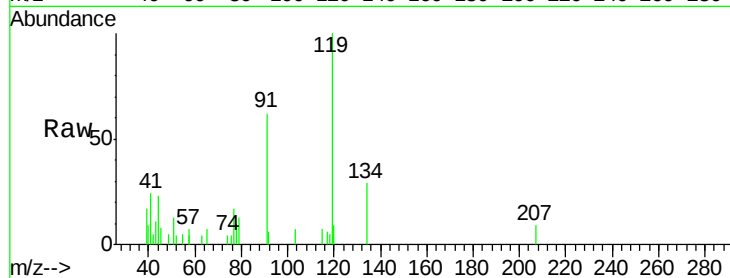
ClientSampleId :

SA-PZ190I-20200909

Tot Ion:	119	Resp:	6750
Ion Ratio	Lower	Upper	
119	100		
91	71.6	34.8	104.3
134	25.7	11.9	35.5

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#85

sec-Butylbenzene

Concen: 1.274 ug/l

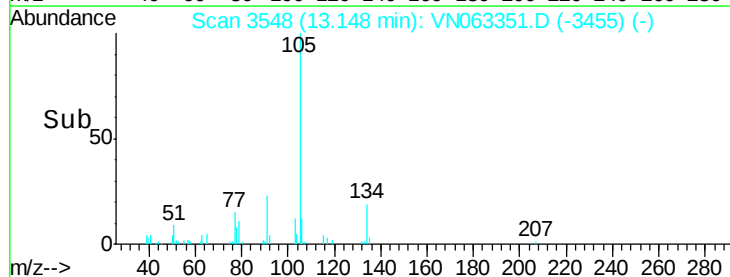
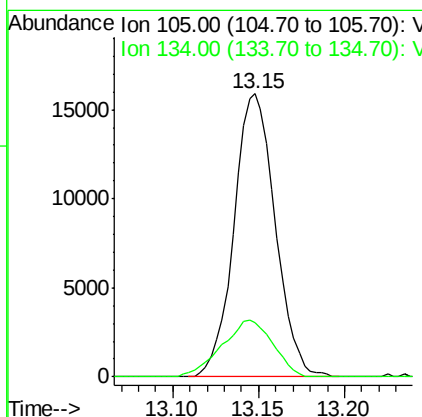
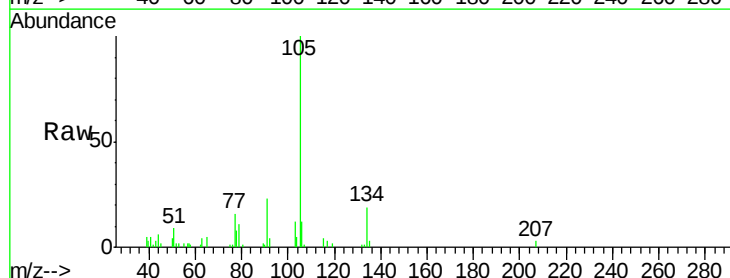
RT: 13.15 min Scan# 3548

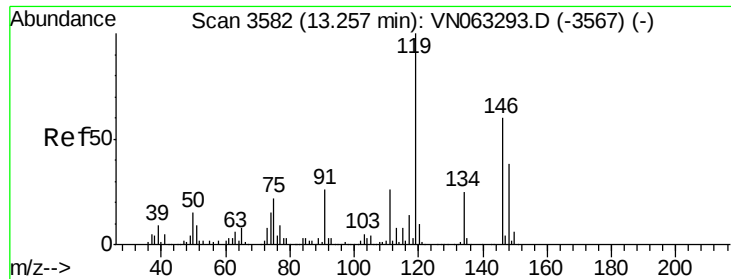
Delta R.T. -0.00 min

Lab File: VN063351.D

Acq: 14 Sep 2020 18:54

Tgt Ion:	105	Resp:	26522
Ion Ratio	Lower	Upper	
105	100		
134	24.9	9.4	28.3





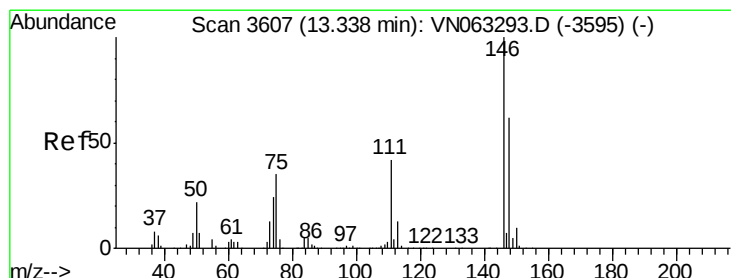
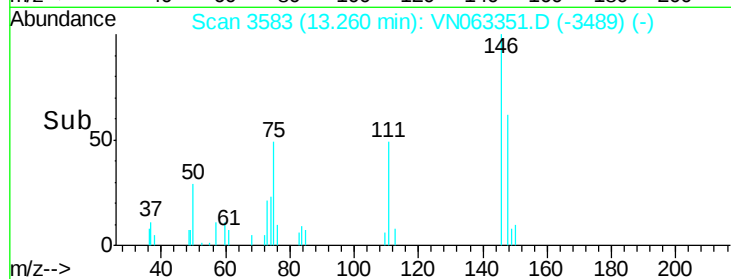
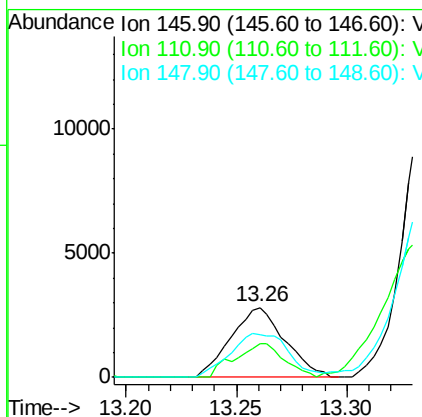
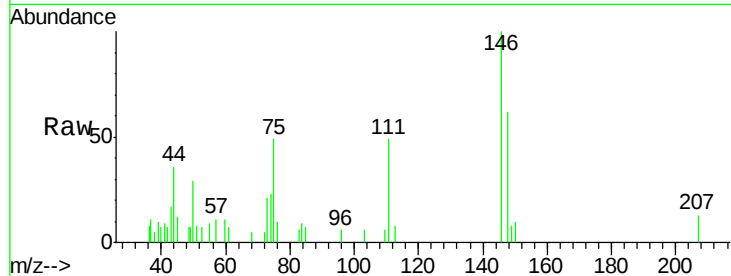
#87
 1,3-Dichlorobenzene
 Concen: 0.488 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.8	65.4
148	68.3	31.8	95.4

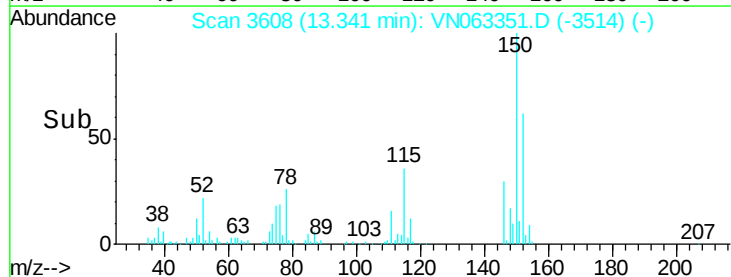
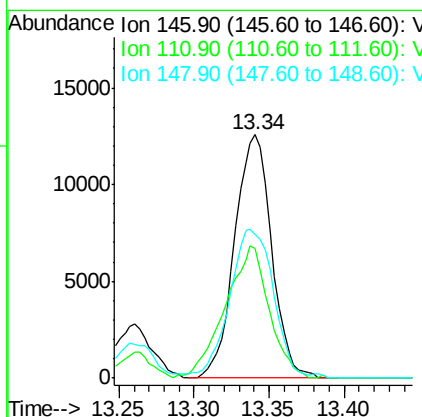
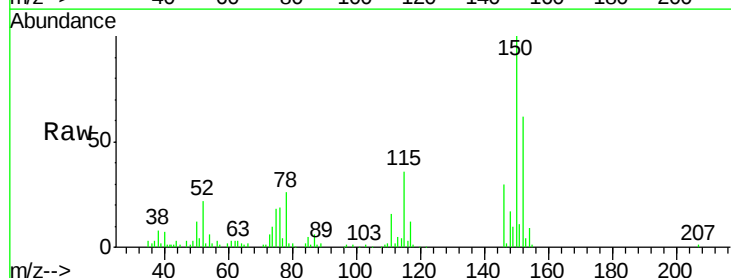
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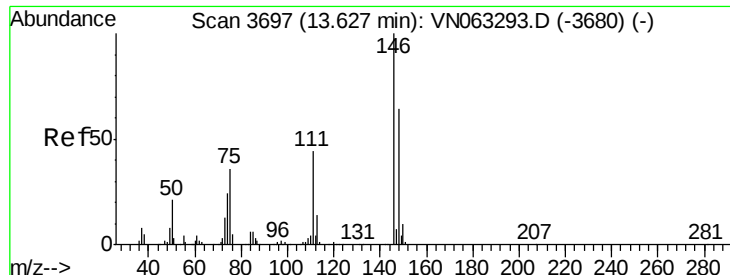
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#88
 1,4-Dichlorobenzene
 Concen: 1.305 ug/l m
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	9.8	21.3	64.0#
148	15.2	31.5	94.5#





#91
 1,2-Dichlorobenzene
 Concen: 0.859 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063351.D
 Acq: 14 Sep 2020 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ190I-20200909

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	22.1	66.5
148	55.4	31.8	95.3

Manual Integrations
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