

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063510.D
 Acq On : 22 Sep 2020 2:06
 Operator : JC/MD
 Sample : L4082-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200915

Manual Integrations
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Quant Time: Sep 22 05:42:50 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	229654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	427047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	185837	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	7.55	113	134555	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
50) Toluene-d8	10.06	98	544878	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.38	95	217313	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	4916	1.921	ug/l	92
12) 1,1-Dichloroethene	3.70	96	5979	2.307	ug/l	79
16) Acetone	3.79	43	3542m	2.819	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	5830m	1.794	ug/l	
30) Chloroform	7.33	83	2973	0.519	ug/l	86
38) Carbon Tetrachloride	7.73	117	7351	1.603	ug/l	88
44) Trichloroethene	8.80	130	519194	166.971	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	2101	0.686	ug/l	91

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

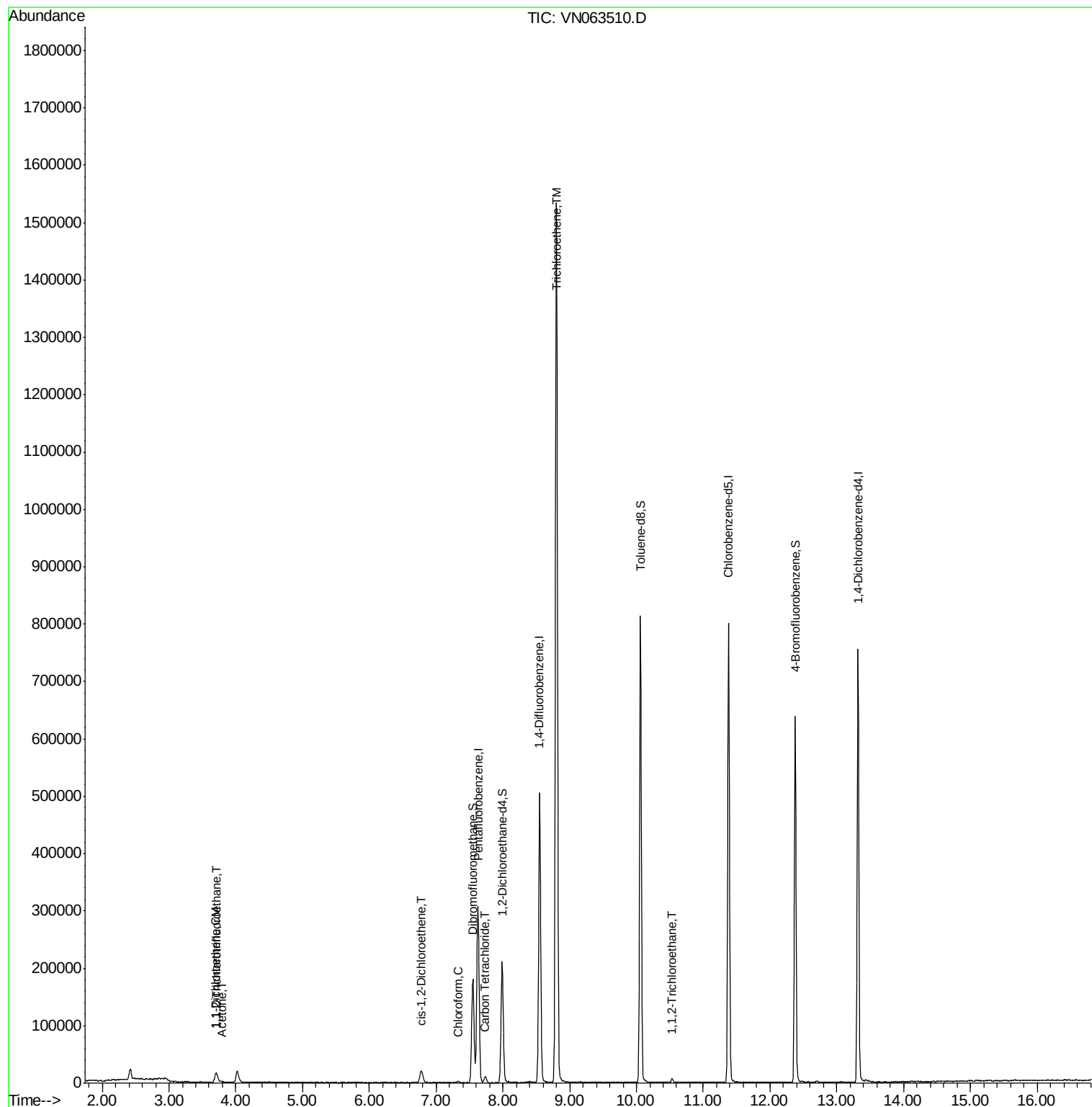
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063510.D
Acq On : 22 Sep 2020 2:06
Operator : JC/MD
Sample : L4082-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

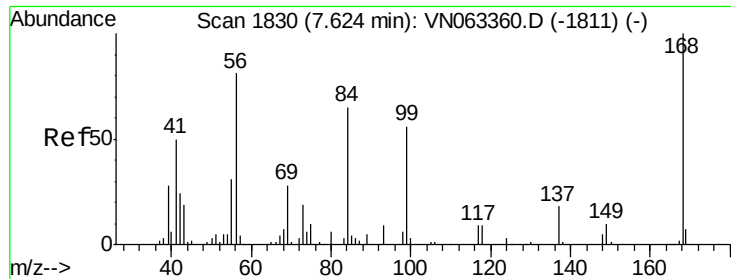
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200915

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Quant Time: Sep 22 05:42:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
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Response via : Initial Calibration





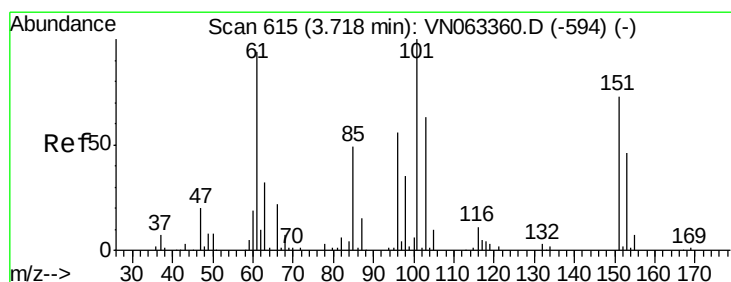
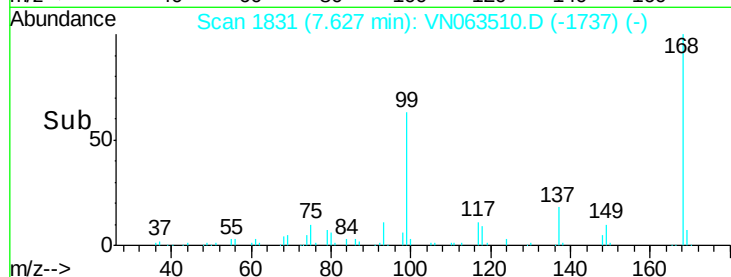
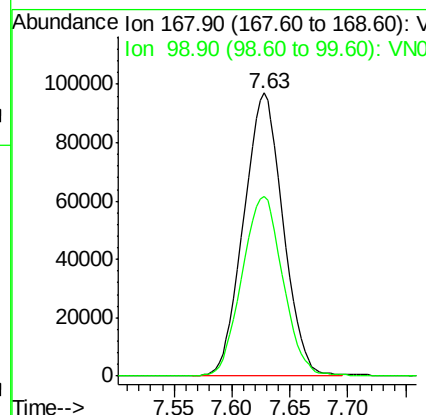
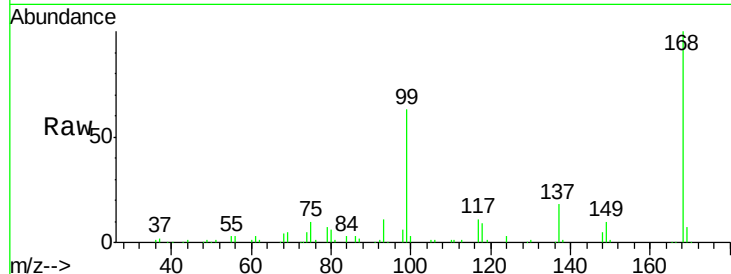
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063510.D
Acq: 22 Sep 2020 2:06

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200915

Tot Ion	Ratio	Lower	Upper
168	100		
99	63.1	53.0	79.6

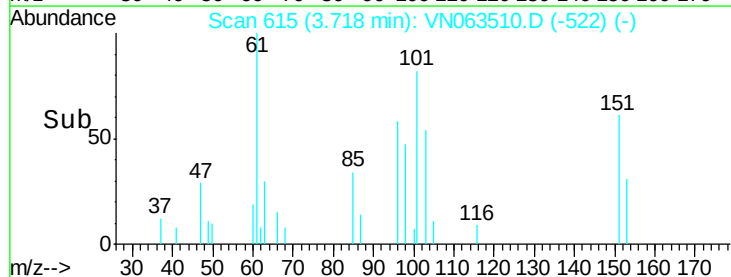
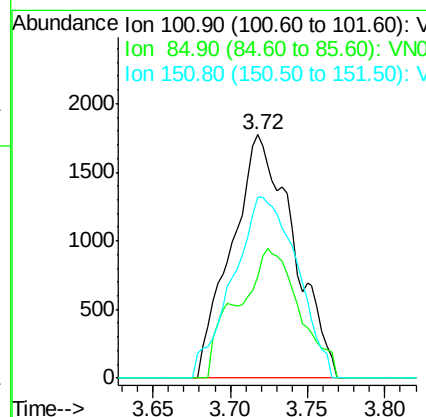
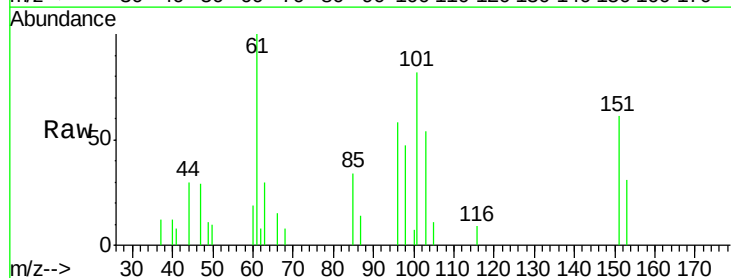
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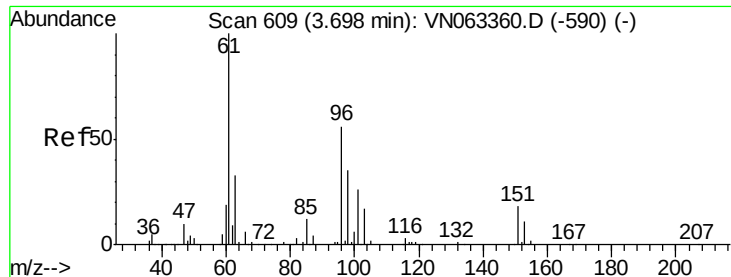
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.921 ug/l
RT: 3.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: VN063510.D
Acq: 22 Sep 2020 2:06

Tgt Ion	Ratio	Lower	Upper
101	100		
85	53.7	37.7	56.5
151	77.7	57.7	86.5





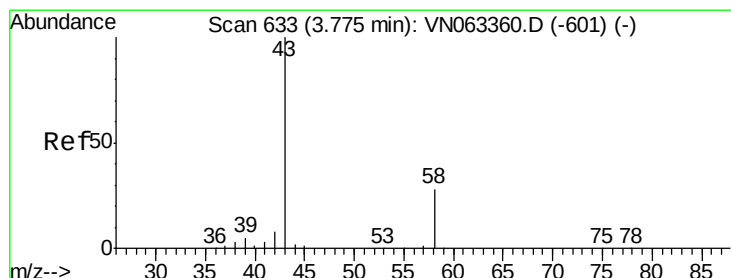
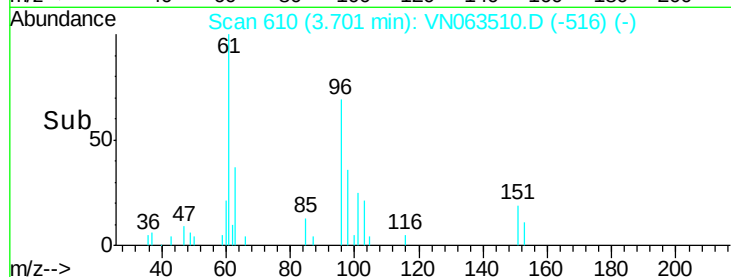
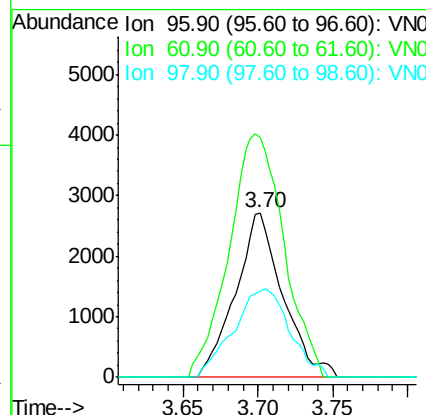
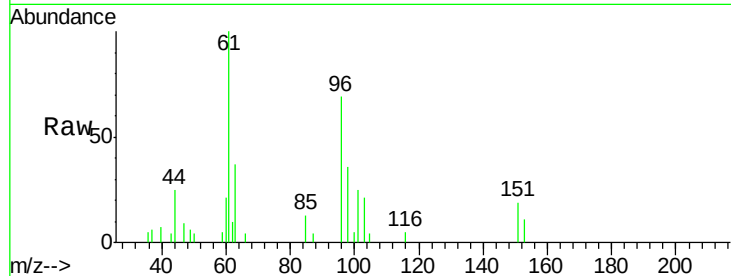
#12
 1,1-Dichloroethene
 Concen: 2.307 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063510.D
 Acq: 22 Sep 2020 2:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200915

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	143.4	215.2
98	52.3	50.6	76.0

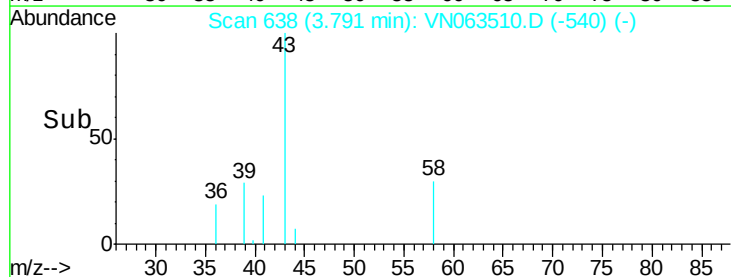
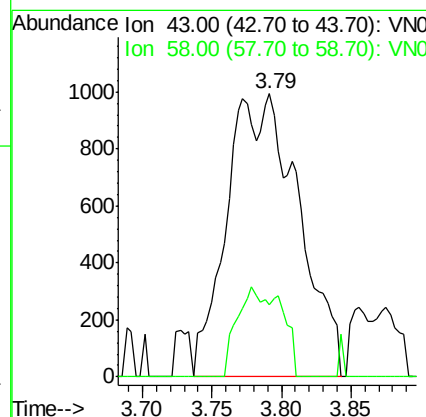
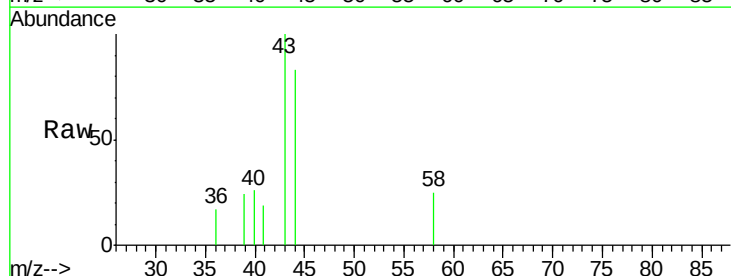
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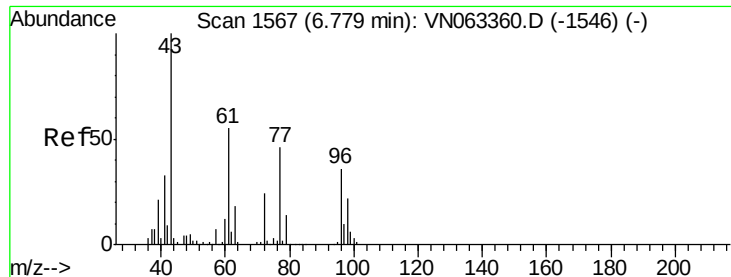
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#16
 Acetone
 Concen: 2.819 ug/l m
 RT: 3.79 min Scan# 638
 Delta R.T. 0.02 min
 Lab File: VN063510.D
 Acq: 22 Sep 2020 2:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.4	22.3	33.5





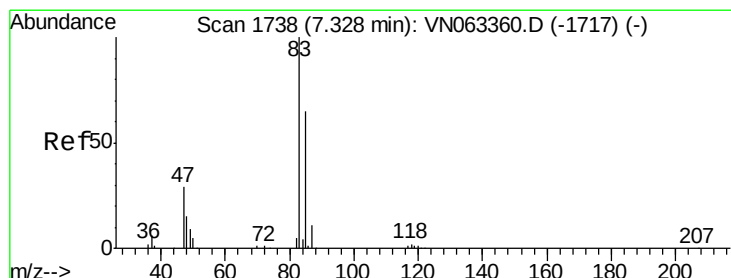
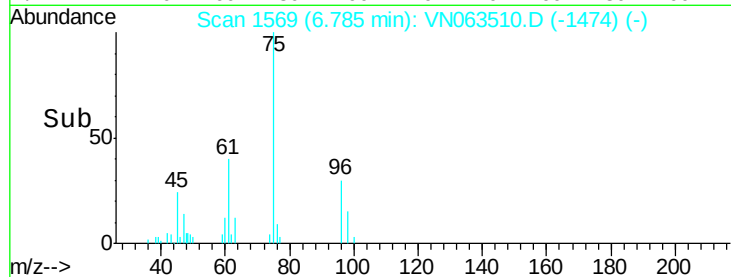
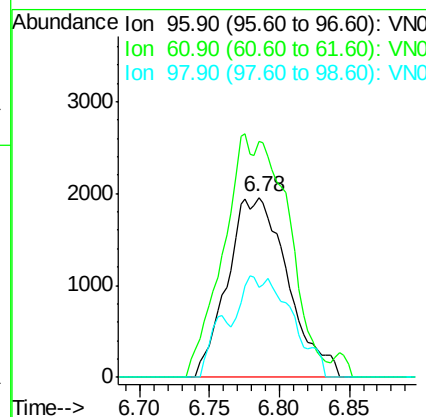
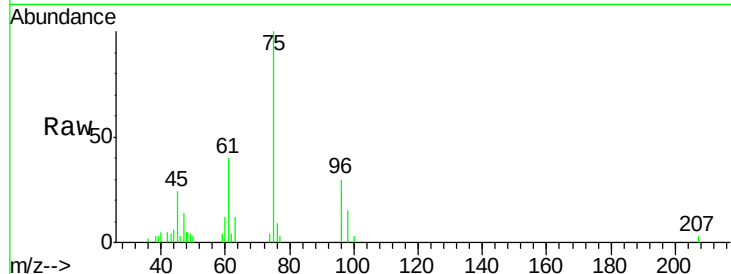
#27
 cis-1,2-Dichloroethene
 Concen: 1.794 ug/l m
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN063510.D
 Acq: 22 Sep 2020 2:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200915

Tot Ion	Ratio	Lower	Upper
96	100		
61	70.5	0.0	319.6
98	7.6	0.0	127.8

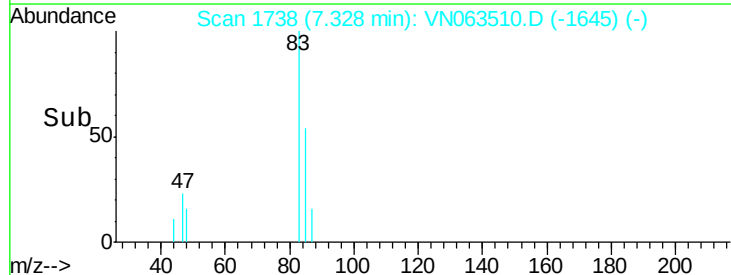
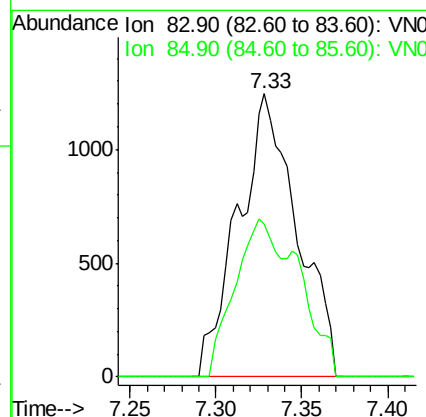
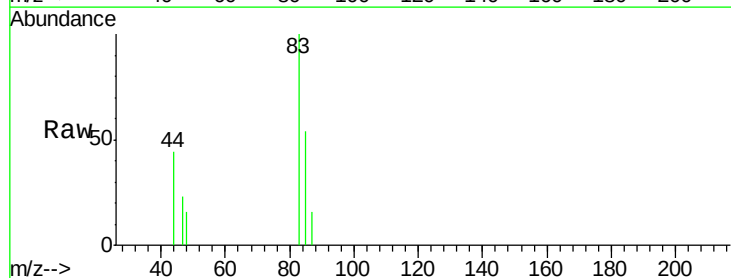
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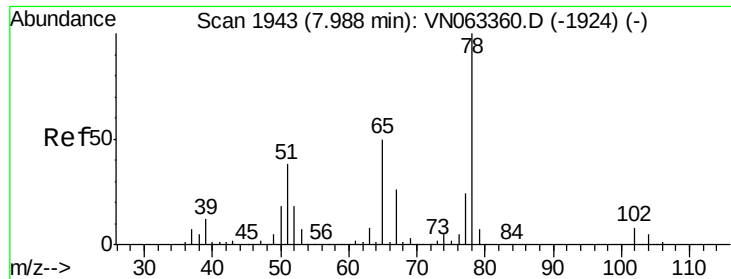
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#30
 Chloroform
 Concen: 0.519 ug/l
 RT: 7.33 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: VN063510.D
 Acq: 22 Sep 2020 2:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.1	52.1	78.1





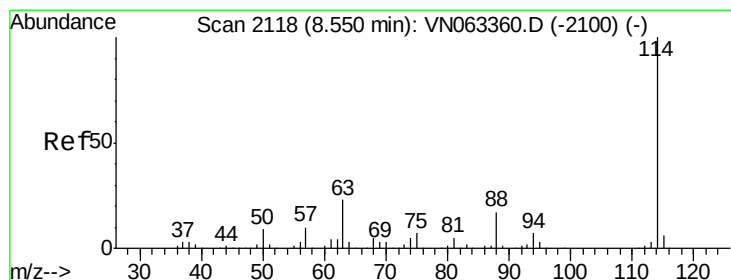
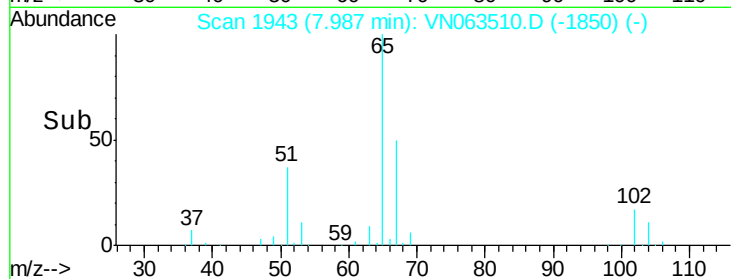
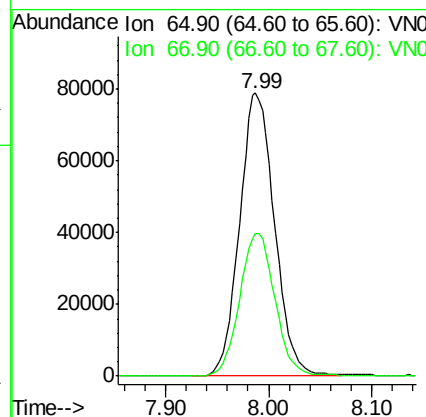
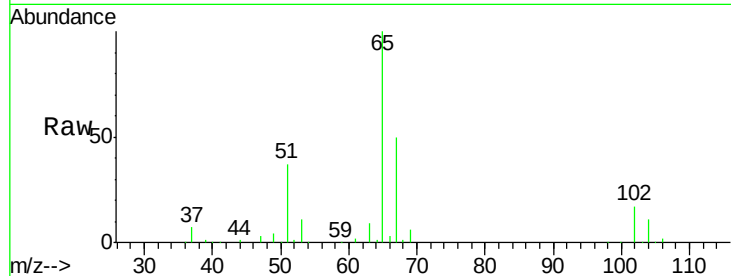
#33
 1,2-Dichloroethane-d4
 Concen: 47.537 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063510.D
 Acq: 22 Sep 2020 2:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200915

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185837		
67	50.6	0.0	104.2	

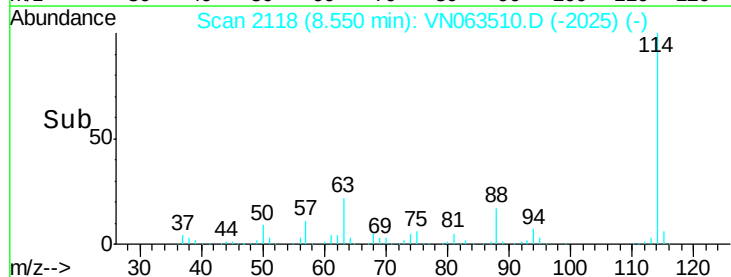
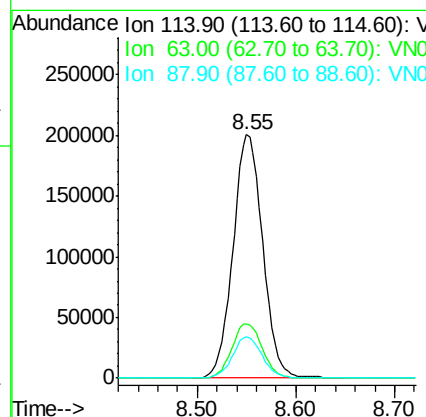
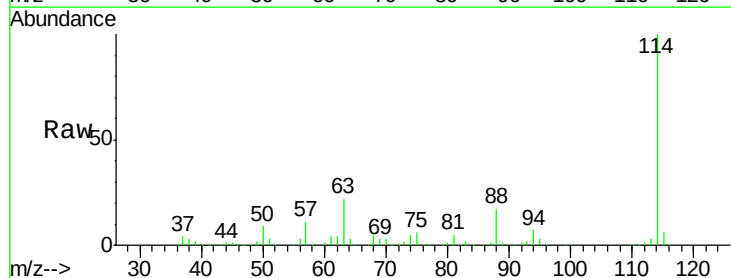
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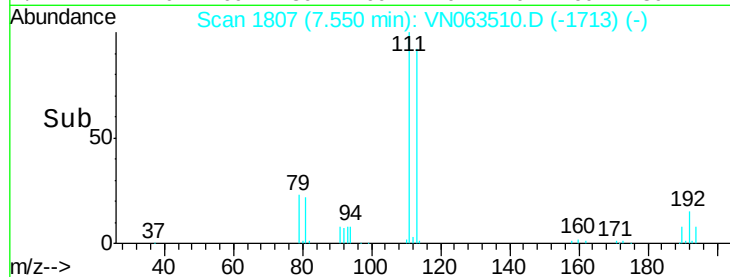
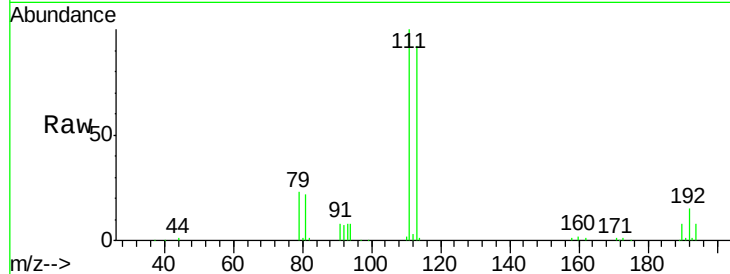
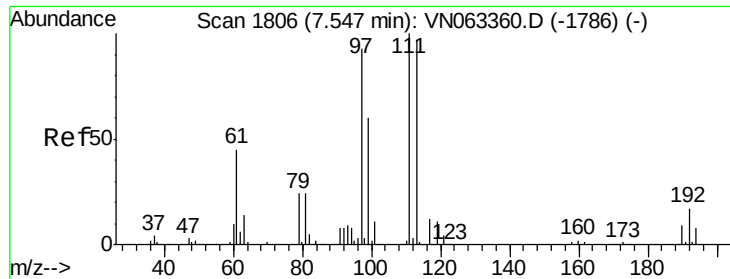
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063510.D
 Acq: 22 Sep 2020 2:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	421550		
63	22.4	0.0	46.4	
88	17.2	0.0	33.2	





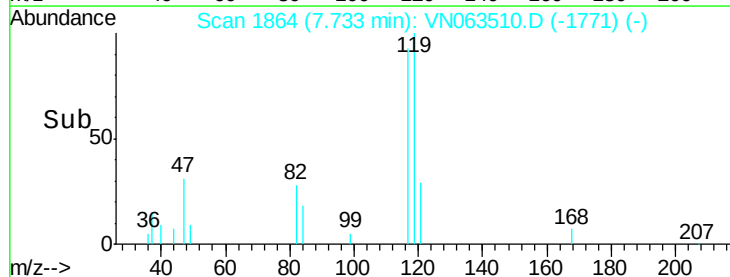
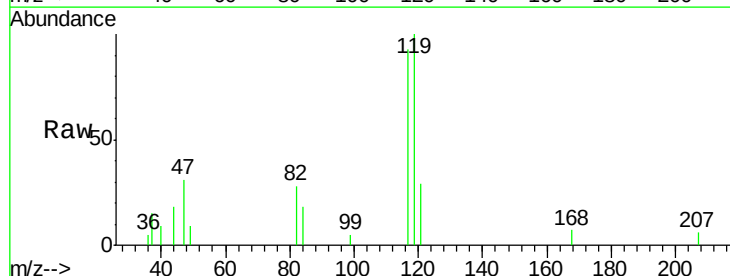
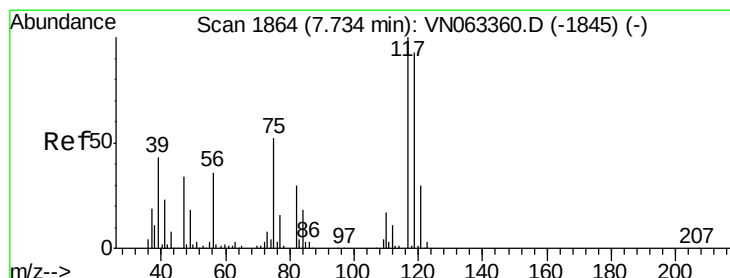
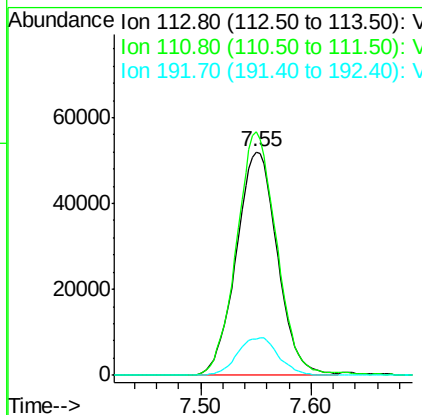
#35
Dibromofluoromethane
Concen: 46.107 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063510.D
Acq: 22 Sep 2020 2:06

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	106.1	82.9	124.3	
192	16.8	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200915

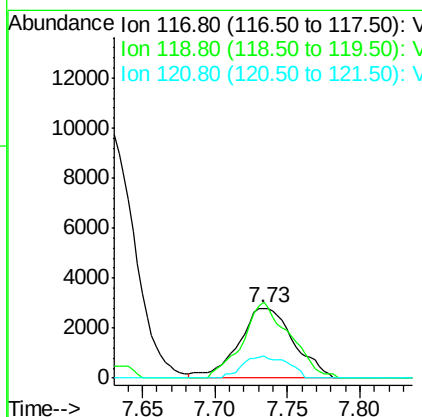
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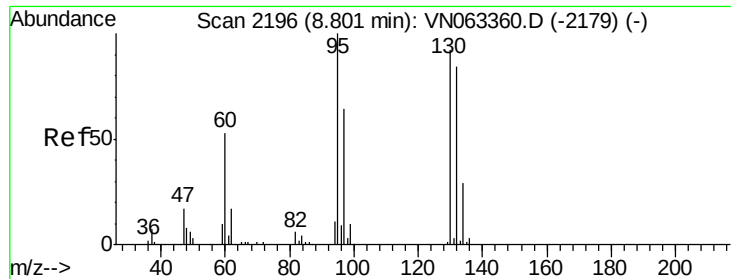
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#38
Carbon Tetrachloride
Concen: 1.603 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063510.D
Acq: 22 Sep 2020 2:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	107.8	74.5	111.7	
121	31.5	24.1	36.1	





#44

Trichloroethene

Concen: 166.971 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063510.D

Acq: 22 Sep 2020 2:06

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200915

Tot Ion:130 Resp: 519194

Ion Ratio Lower Upper

130 100

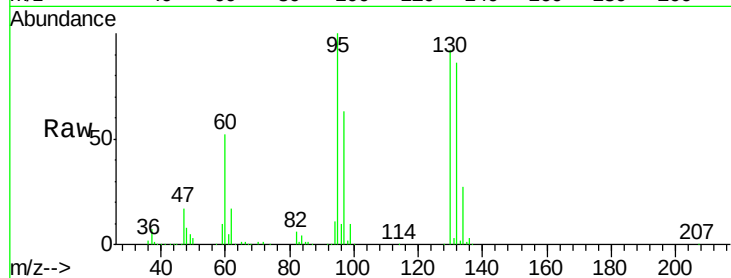
95 108.3 0.0 217.4

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

300000

250000

200000

150000

100000

50000

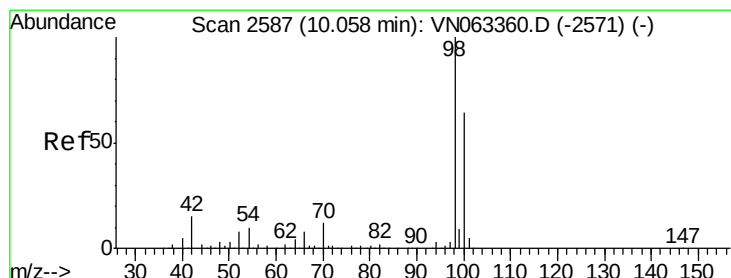
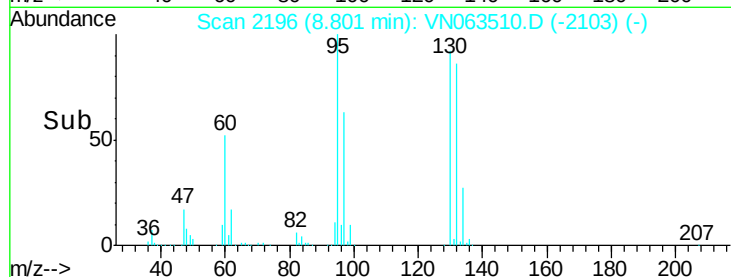
0

8.70

8.80

8.90

Time-->



#50

Toluene-d8

Concen: 49.655 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063510.D

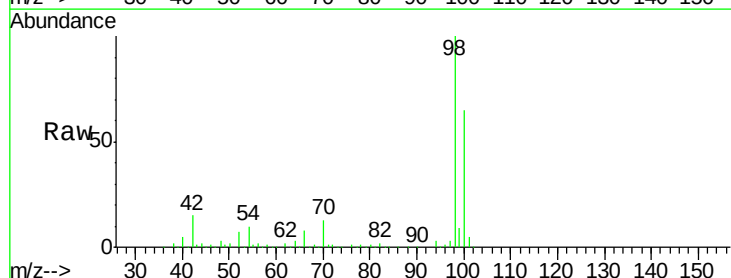
Acq: 22 Sep 2020 2:06

Tgt Ion: 98 Resp: 544878

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

300000

200000

100000

0

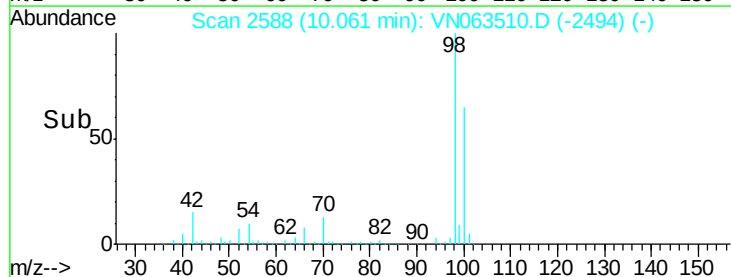
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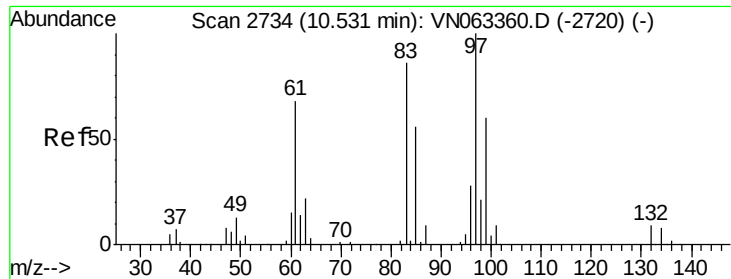
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10.10

10.20

Time-->





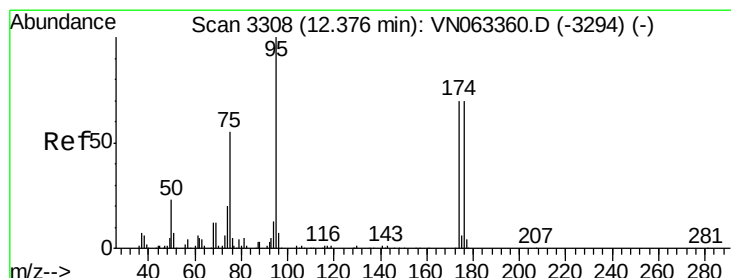
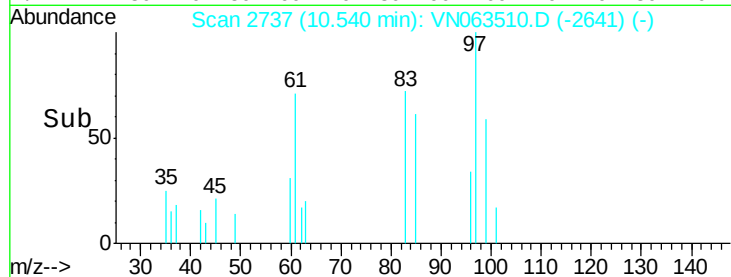
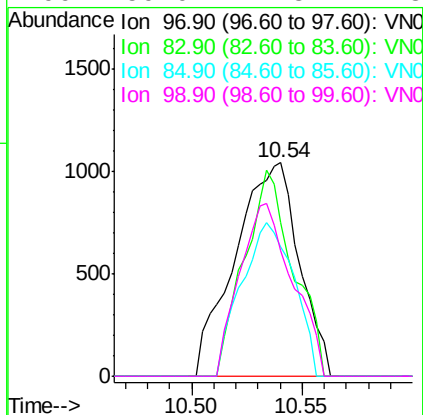
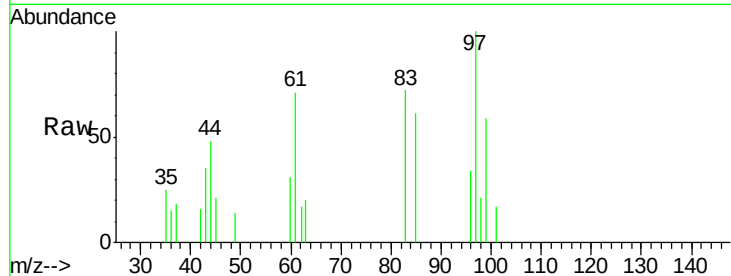
#55
 1,1,2-Trichloroethane
 Concen: 0.686 ug/l
 RT: 10.54 min Scan# 2737
 Delta R.T. 0.01 min
 Lab File: VN063510.D
 Acq: 22 Sep 2020 2:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200915

Tot Ion:	97	Resp:	2101
Ion	Ratio	Lower	Upper
97	100		
83	72.2	68.9	103.3
85	60.7	44.8	67.2
99	59.0	47.8	71.8

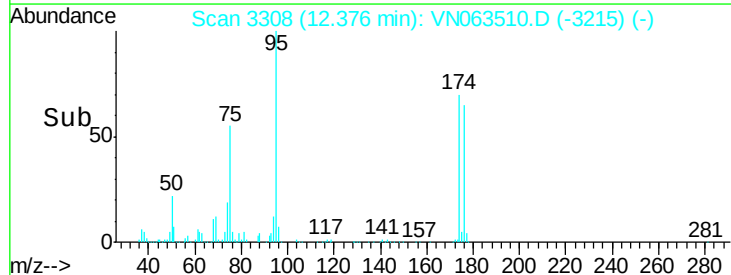
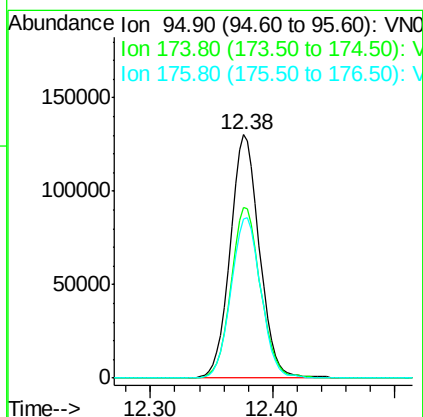
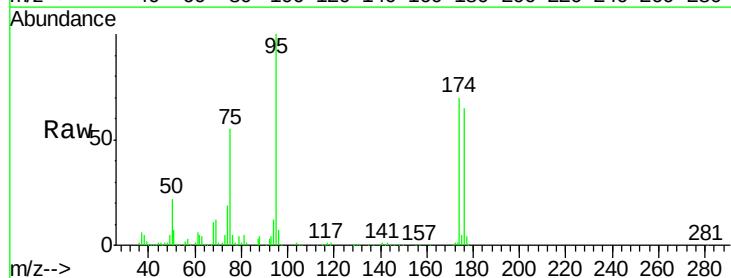
Manual Integrations
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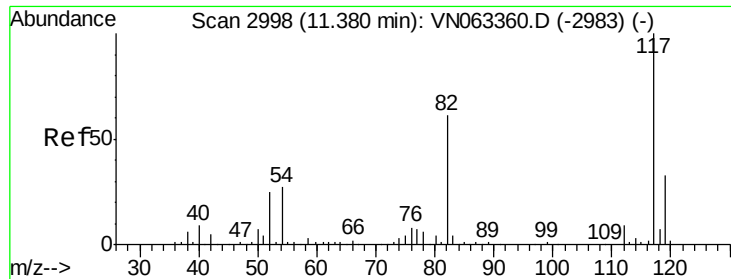
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#62
 4-Bromofluorobenzene
 Concen: 54.023 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063510.D
 Acq: 22 Sep 2020 2:06

Tgt Ion:	95	Resp:	217313
Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	140.8
176	67.5	0.0	137.6





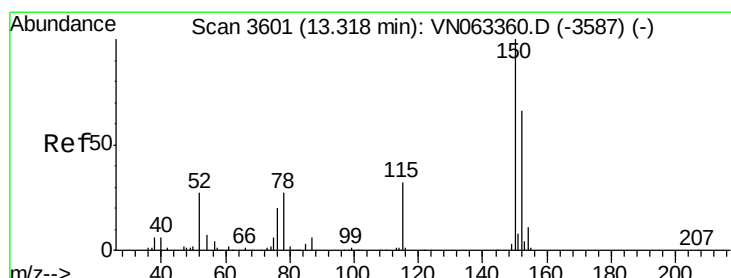
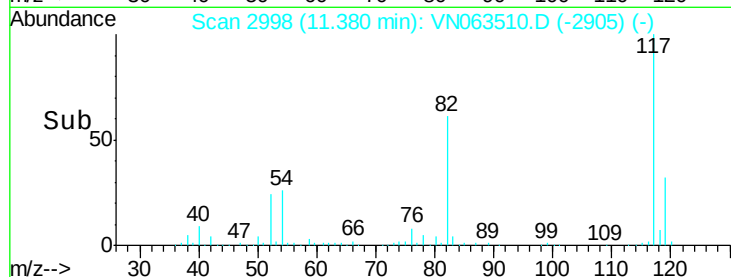
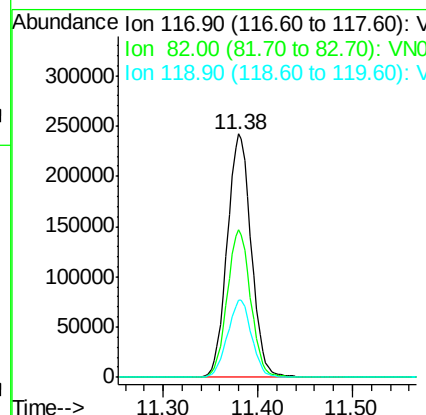
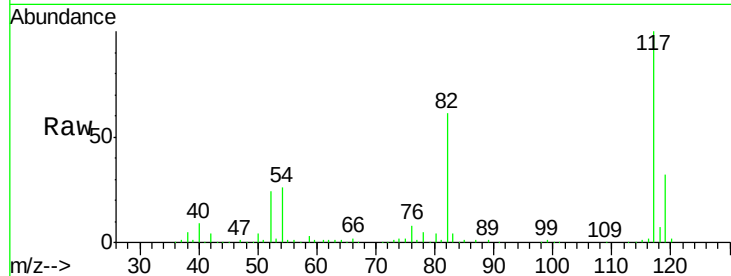
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063510.D
Acq: 22 Sep 2020 2:06

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200915

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	49.2	73.8
119	31.8	26.2	39.4

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:08:24 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: VN063510.D
Acq: 22 Sep 2020 2:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.2	96.6
150	156.9	0.0	343.4

