

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063640.D
 Acq On : 24 Sep 2020 19:52
 Operator : JC/MD
 Sample : L4119-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20200922

Manual Integrations
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MMDadoda
 9/28/2020 5:16:50 PM

Quant Time: Sep 25 17:05:40 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	189666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	359209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	370204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	168440	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
35) Dibromofluoromethane	7.55	113	122715	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.06	98	468036	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.38	95	178195	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	3216	1.497	ug/l	89
3) Chloromethane	2.04	50	1445	0.508	ug/l	93
7) Trichlorofluoromethane	2.99	101	1253m	0.333	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55008	26.031	ug/l	99
12) 1,1-Dichloroethene	3.70	96	19399	9.063	ug/l	85
16) Acetone	3.78	43	4829	4.654	ug/l	96
24) 1,1-Dichloroethane	5.80	63	6931	1.470	ug/l #	84
27) cis-1,2-Dichloroethene	6.78	96	6279	2.339	ug/l	78
30) Chloroform	7.34	83	4528	0.957	ug/l	90
38) Carbon Tetrachloride	7.73	117	6564	1.680	ug/l	94
44) Trichloroethene	8.80	130	785844	296.585	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	1645	0.631	ug/l	93
64) Tetrachloroethene	10.61	164	968	0.384	ug/l #	76

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

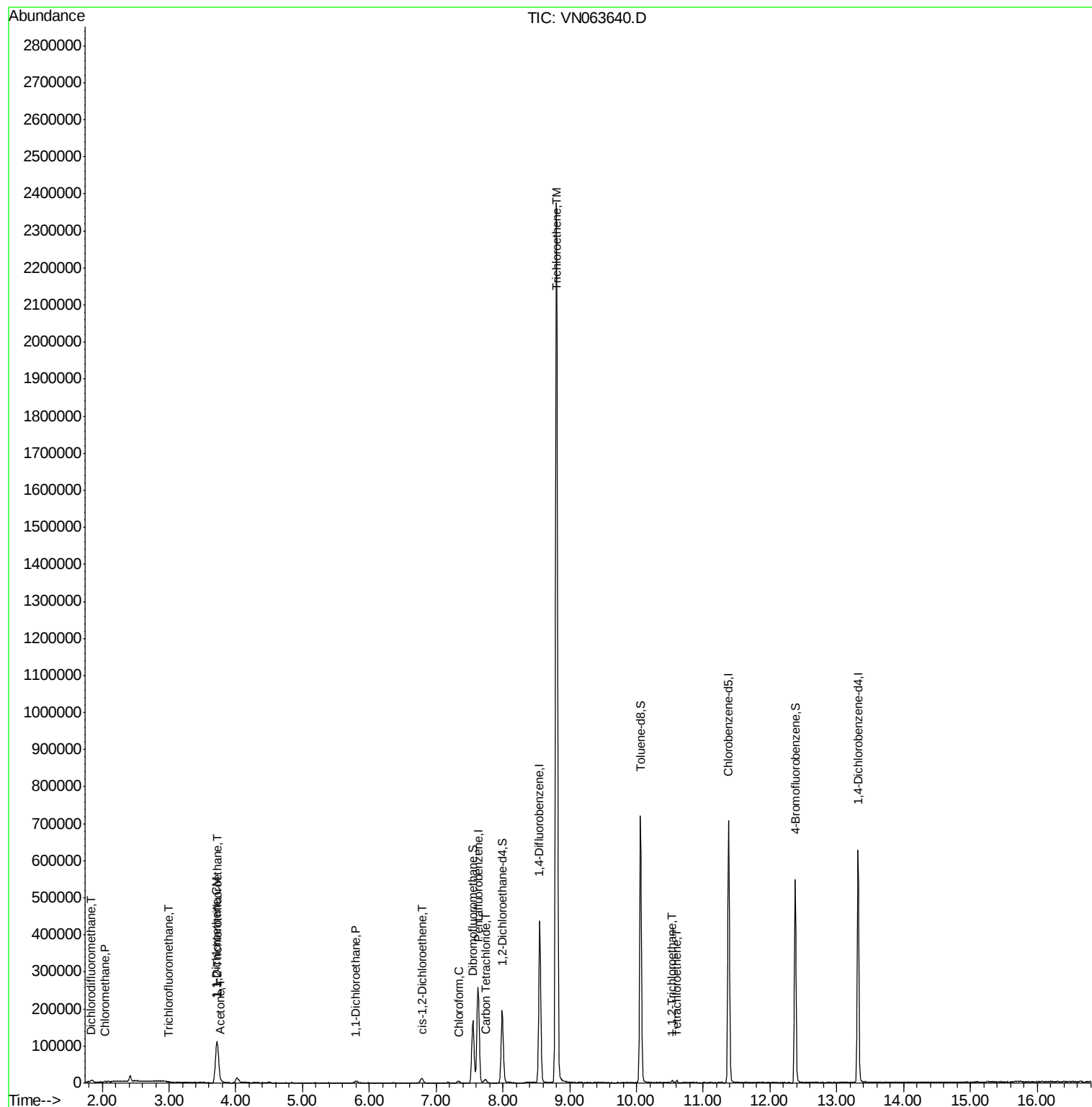
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063640.D
Acq On : 24 Sep 2020 19:52
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Quant Time: Sep 25 17:05:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 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: VN063640.D

Acq: 24 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20200922

Tot Ion:168 Resp: 189666

Ion Ratio Lower Upper

168 100

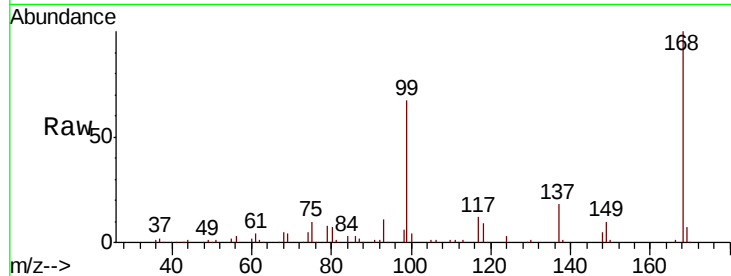
99 66.6 53.0 79.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

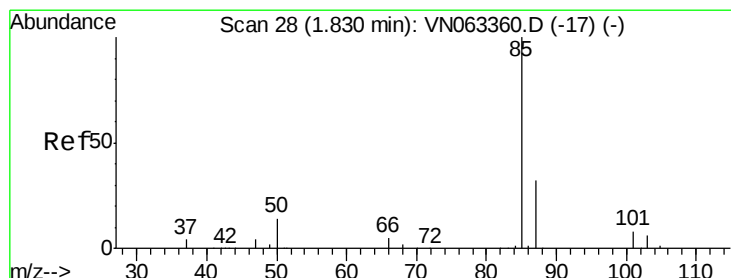
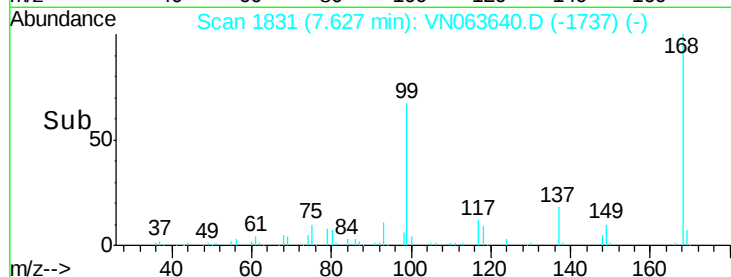
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.497 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063640.D

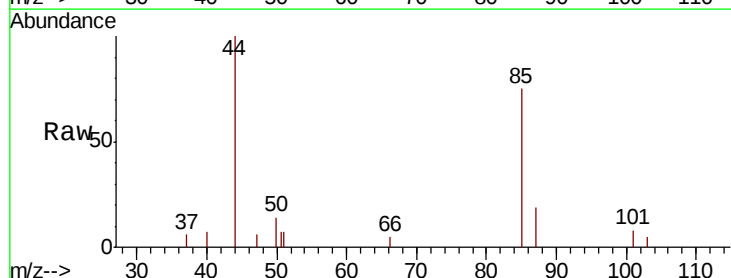
Acq: 24 Sep 2020 19:52

Tgt Ion: 85 Resp: 3216

Ion Ratio Lower Upper

85 100

87 25.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

2500

2000

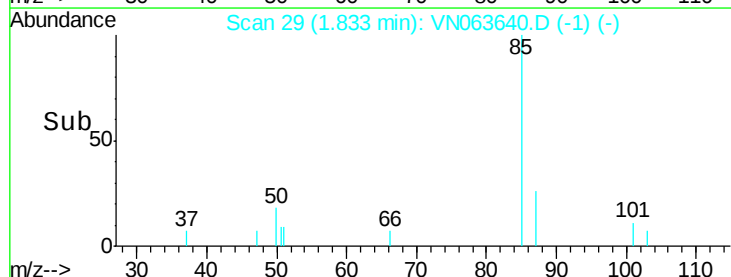
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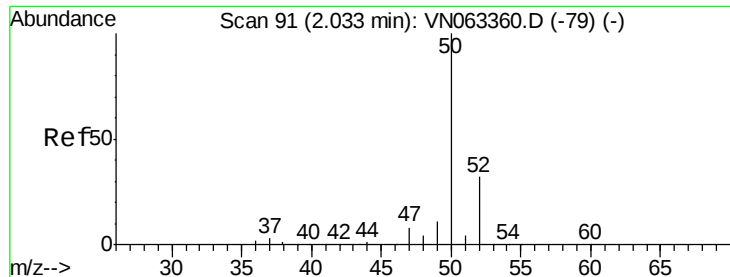
1000

500

0

Time--> 1.80 1.82 1.84 1.86 1.88





#3

Chloromethane

Concen: 0.508 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063640.D

Acq: 24 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20200922

Tot Ion: 50 Resp: 1445

Ion Ratio Lower Upper

50 100

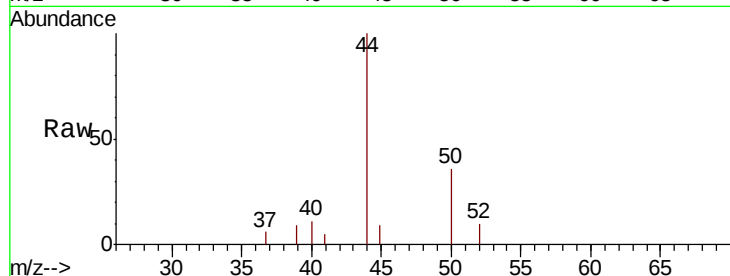
52 28.6 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VN063640.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN063640.D (-1) (-)

2.04

1200

1000

800

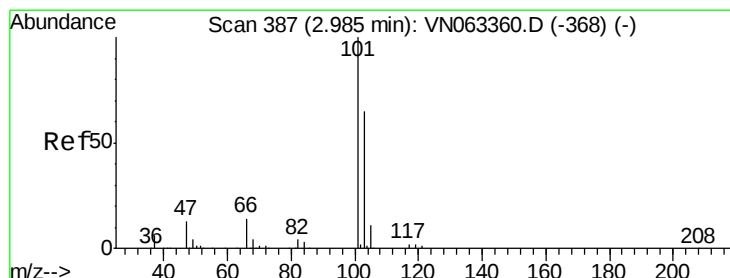
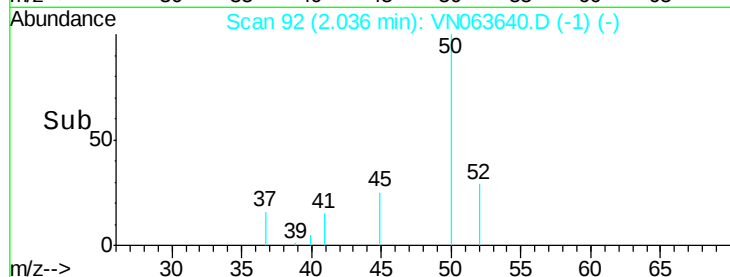
600

400

200

0

Time-->



#7

Trichlorofluoromethane

Concen: 0.333 ug/l m

RT: 2.99 min Scan# 389

Delta R.T. 0.01 min

Lab File: VN063640.D

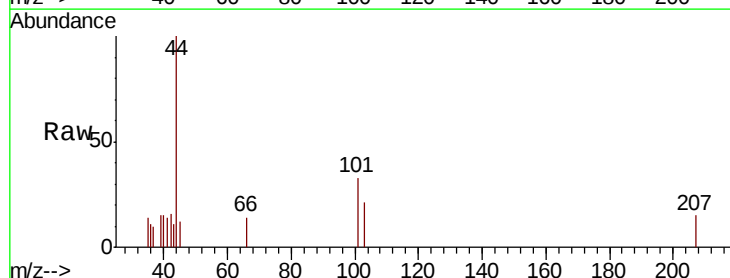
Acq: 24 Sep 2020 19:52

Tgt Ion: 101 Resp: 1253

Ion Ratio Lower Upper

101 100

103 64.1 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): VN063640.D (-294) (-)

Ion 102.80 (102.50 to 103.50): VN063640.D (-294) (-)

2.99

600

500

400

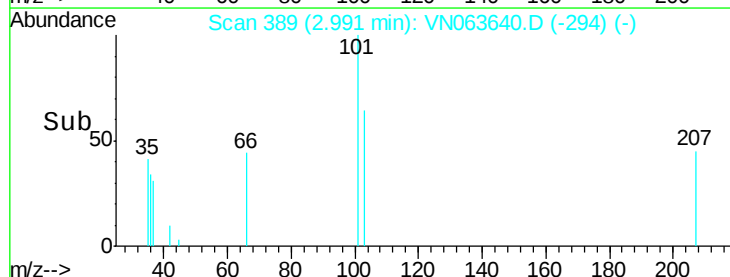
300

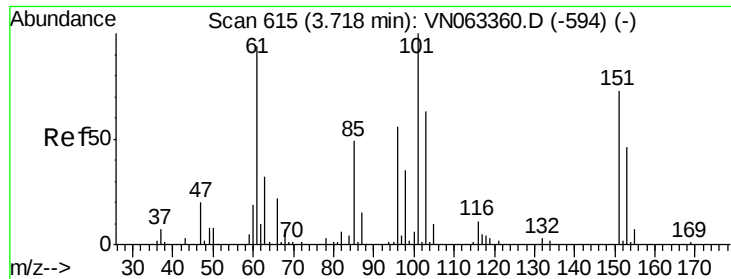
200

100

0

Time-->





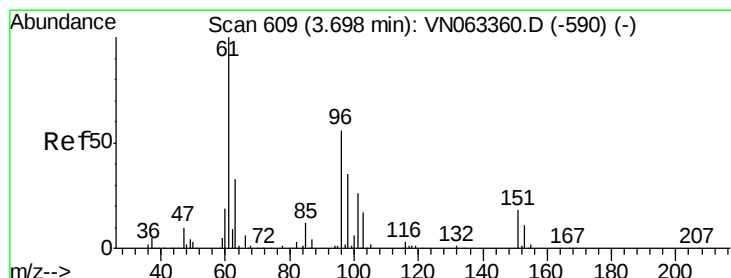
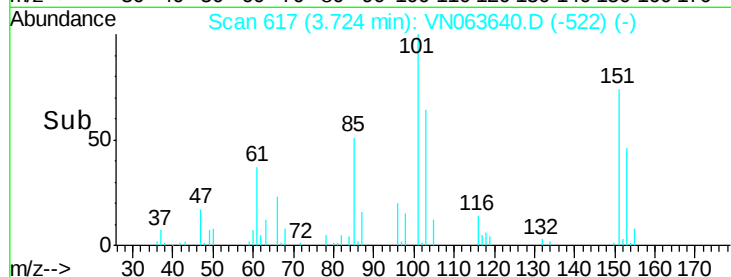
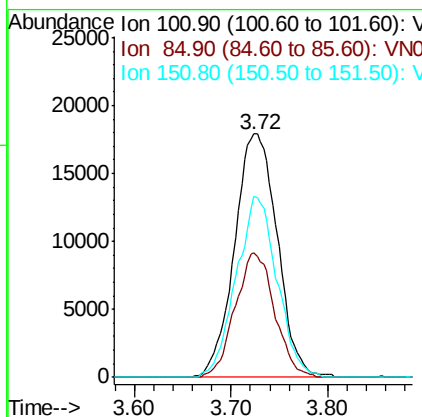
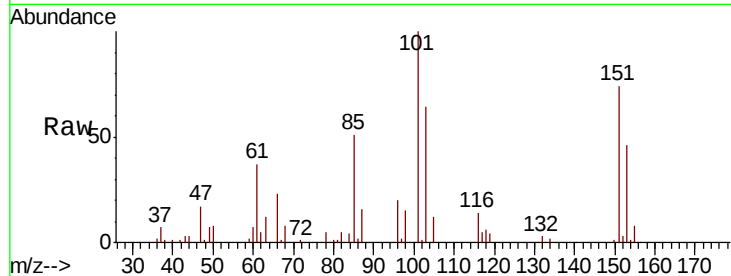
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 26.031 ug/l
 RT: 3.72 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: VN063640.D
 Acq: 24 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20200922

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.7	56.5
151	71.0	57.7	86.5

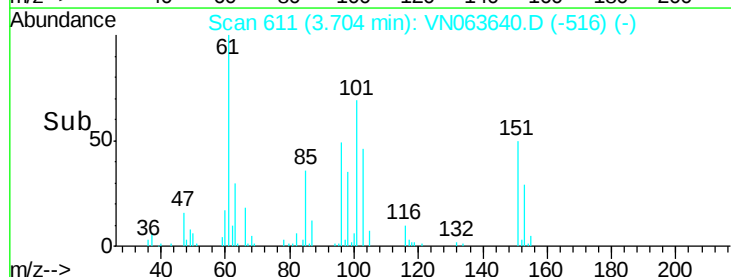
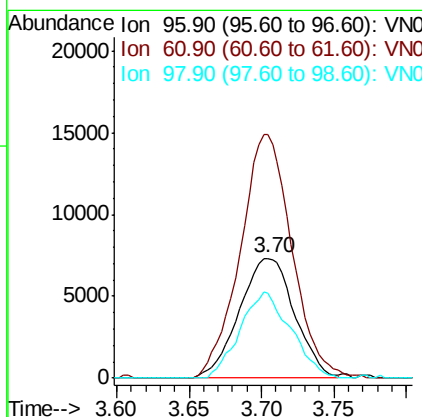
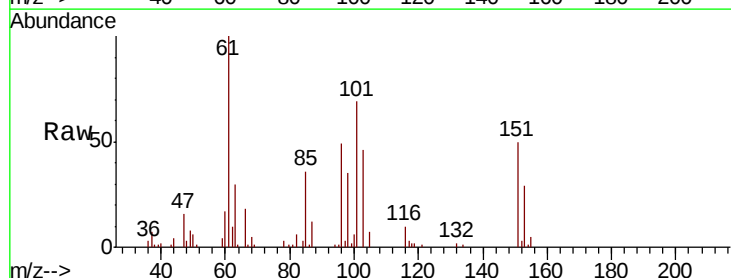
Manual Integrations
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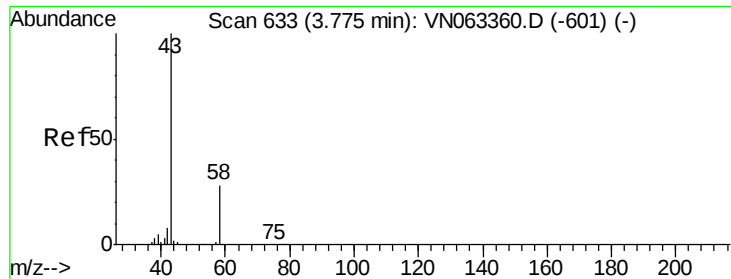
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#12
 1,1-Dichloroethene
 Concen: 9.063 ug/l
 RT: 3.70 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VN063640.D
 Acq: 24 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	203.1	143.4	215.2
98	71.2	50.6	76.0





#16

Acetone

Concen: 4.654 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063640.D

Acq: 24 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20200922

Tot Ion: 43 Resp: 4829

Ion Ratio Lower Upper

43 100

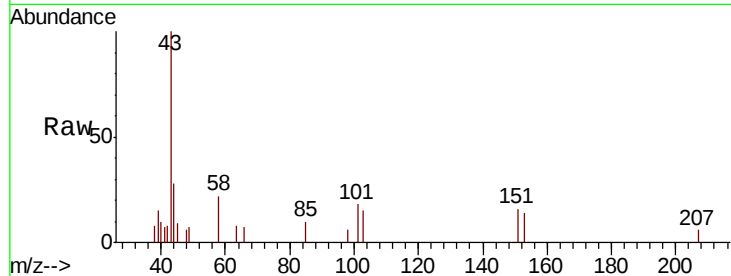
58 25.5 22.3 33.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

2500

2000

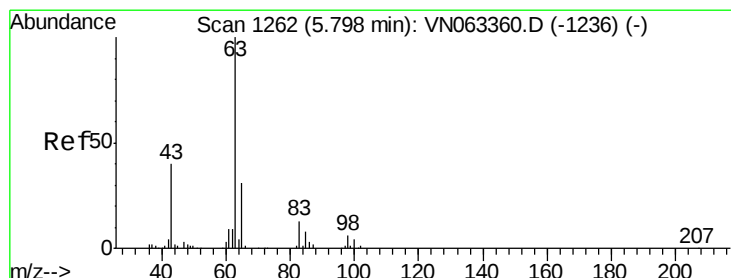
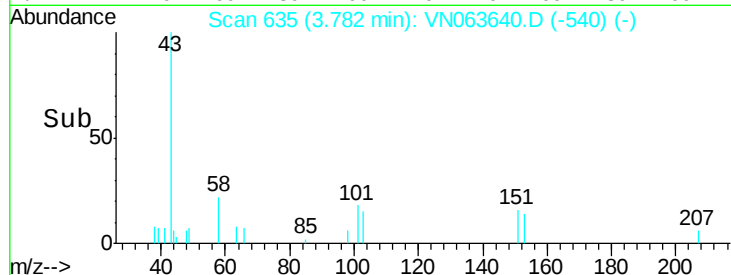
1500

1000

500

0

Time-->



#24

1,1-Dichloroethane

Concen: 1.470 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063640.D

Acq: 24 Sep 2020 19:52

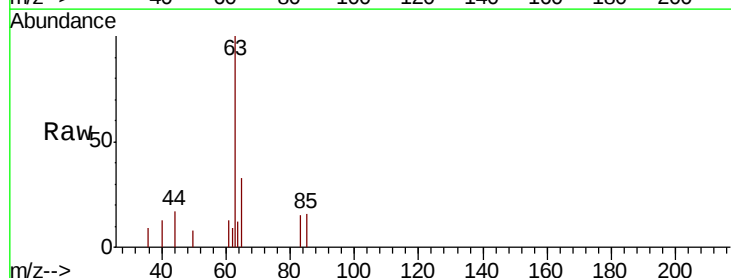
Tgt Ion: 63 Resp: 6931

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.8#

100 0.0 2.1 6.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

2500

2000

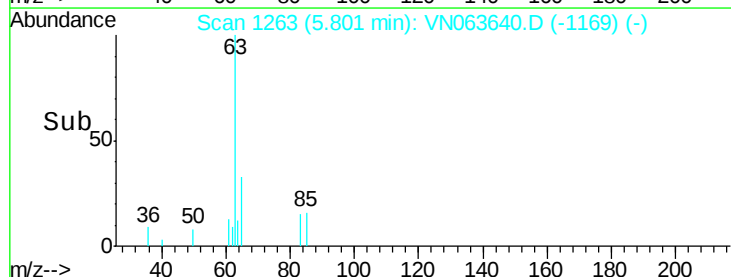
1500

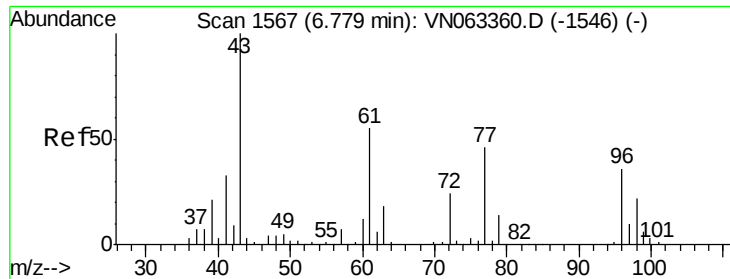
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.339 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063640.D

Acq: 24 Sep 2020 19:52

Instrument :

MSVOA_N

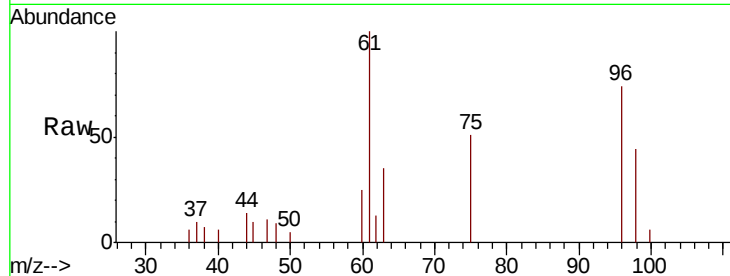
ClientSampleId :

TT101D1-20200922

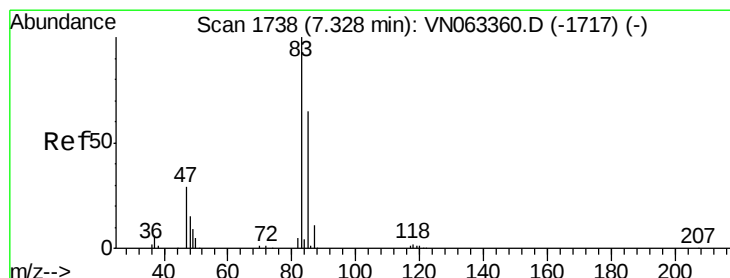
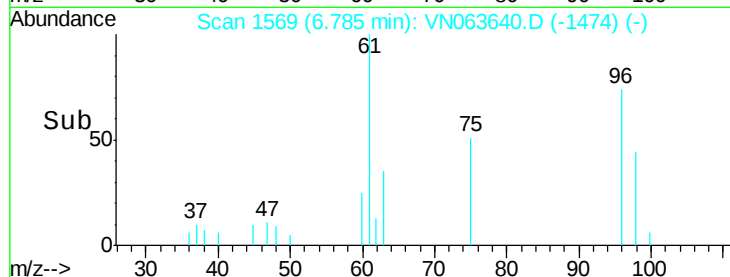
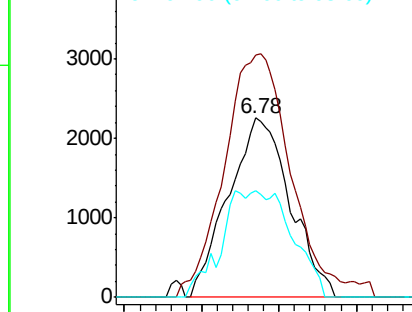
Tot Ion:	96	Resp:	6279
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	319.6
98	25.9	0.0	127.8

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Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#30

Chloroform

Concen: 0.957 ug/l

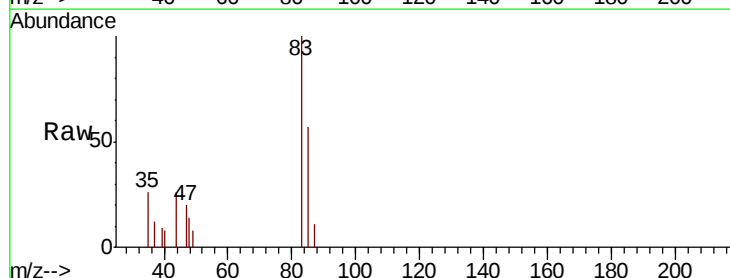
RT: 7.34 min Scan# 1741

Delta R.T. 0.01 min

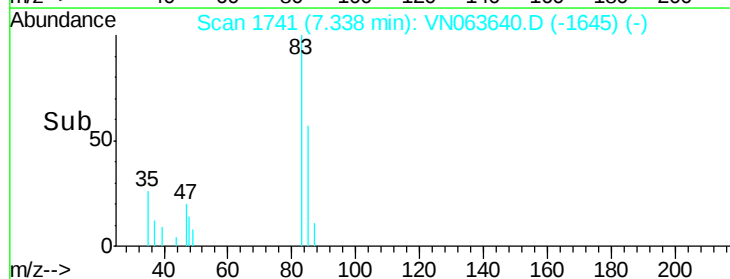
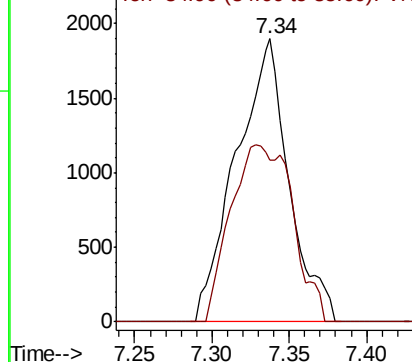
Lab File: VN063640.D

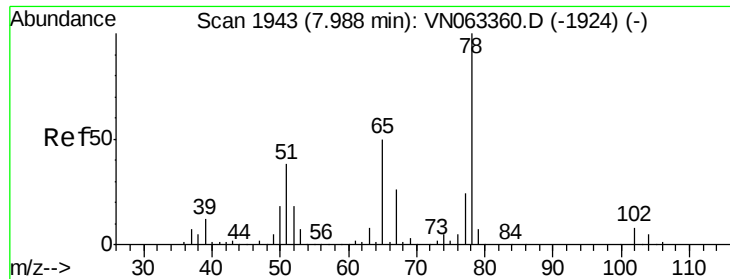
Acq: 24 Sep 2020 19:52

Tgt Ion:	83	Resp:	4528
Ion	Ratio	Lower	Upper
83	100		
85	57.1	52.1	78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





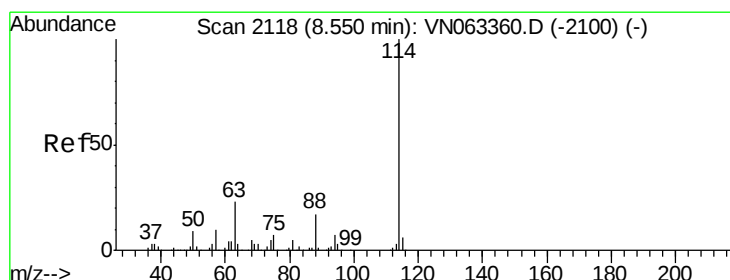
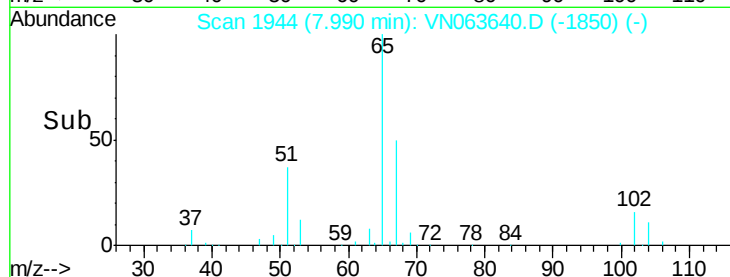
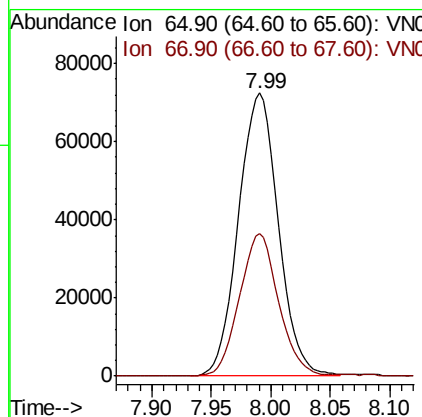
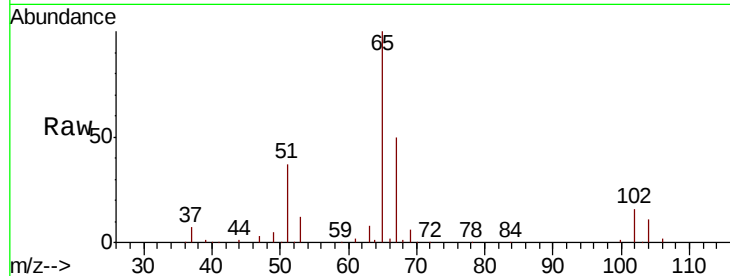
#33
 1,2-Dichloroethane-d4
 Concen: 52.171 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063640.D
 Acq: 24 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20200922

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168440		
67	49.4	0.0	104.2	

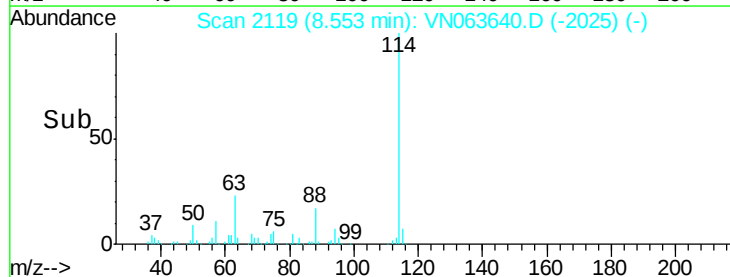
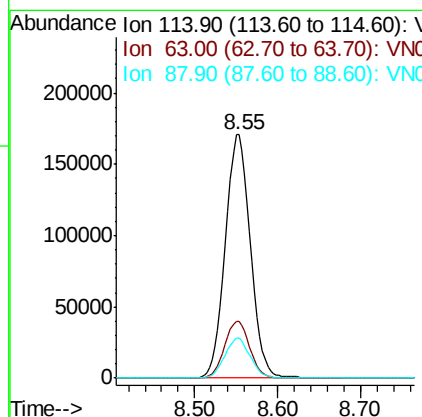
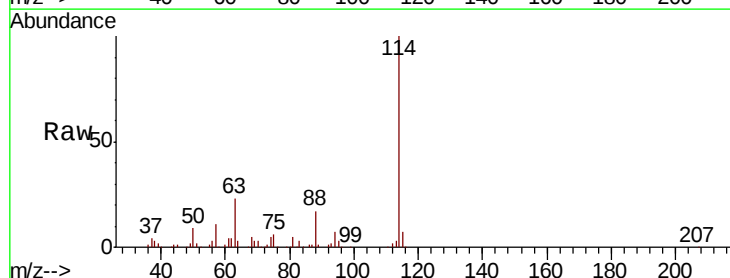
Manual Integrations
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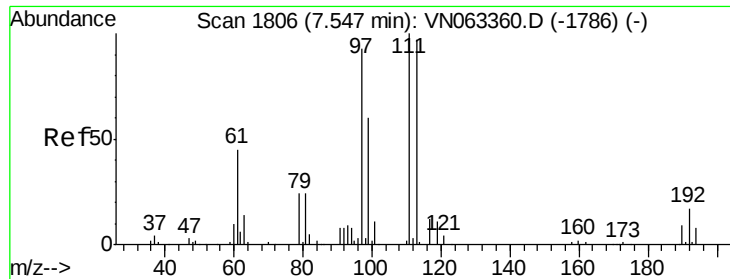
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063640.D
 Acq: 24 Sep 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	359209		
63	23.1	0.0	46.4	
88	16.5	0.0	33.2	





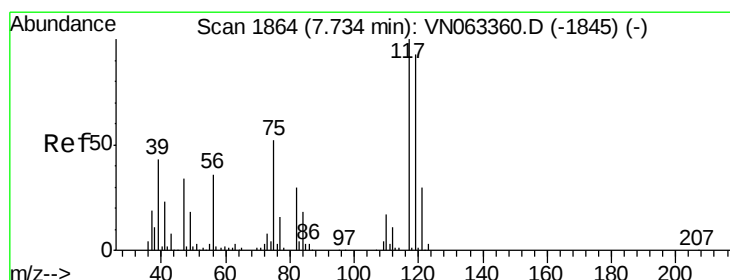
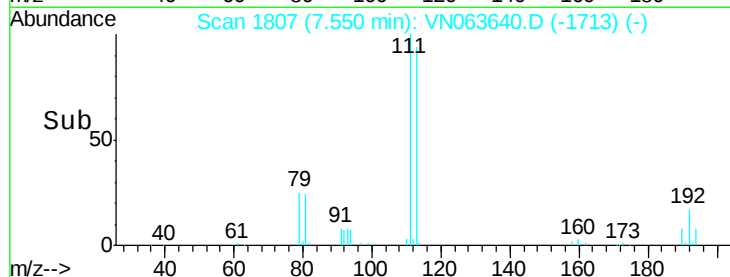
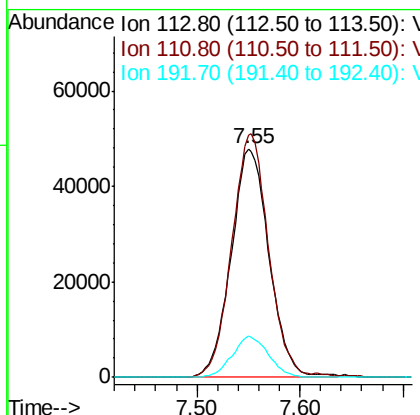
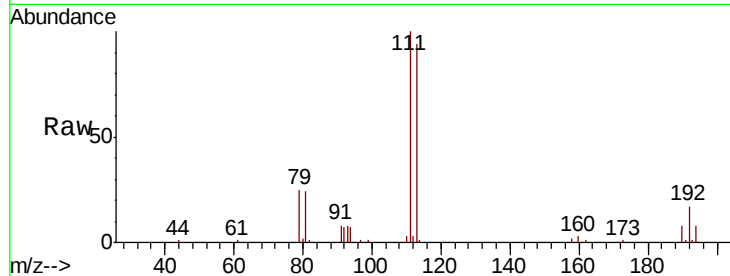
#35
 Dibromofluoromethane
 Concen: 49.348 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063640.D
 Acq: 24 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20200922

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122715		
111	103.5	82.9	124.3	
192	17.2	13.9	20.9	

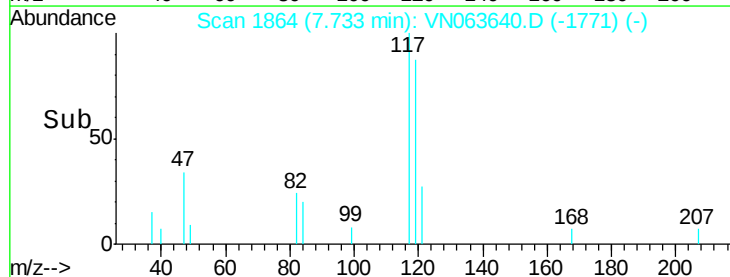
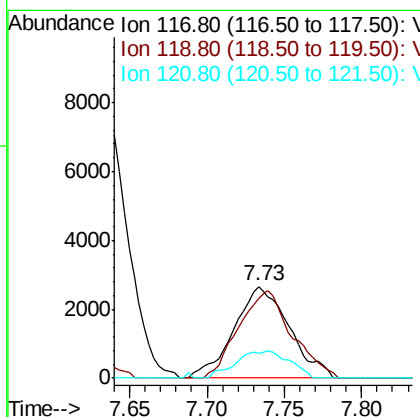
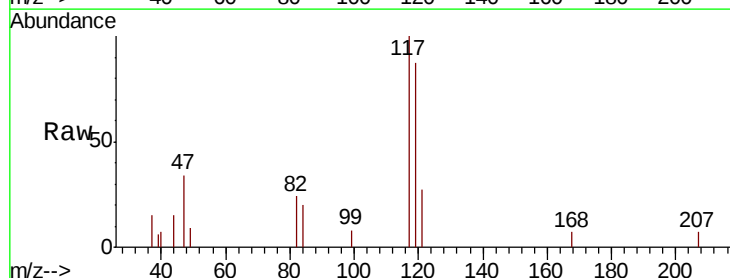
Manual Integrations
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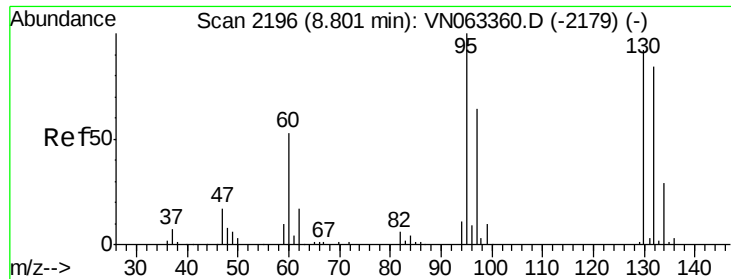
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 9/28/2020 5:16:50 PM



#38
 Carbon Tetrachloride
 Concen: 1.680 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN063640.D
 Acq: 24 Sep 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	6564		
119	86.7	74.5	111.7	
121	27.4	24.1	36.1	





#44

Trichloroethene

Concen: 296.585 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063640.D

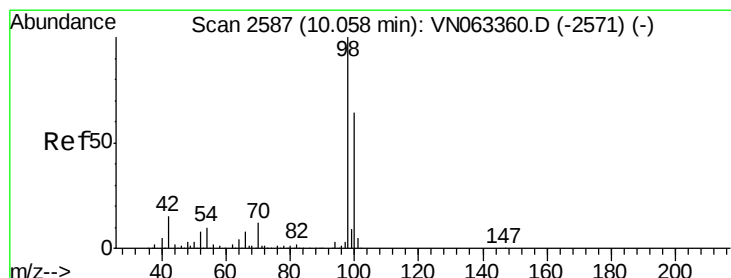
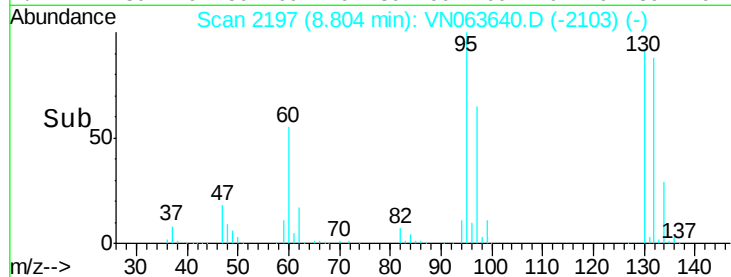
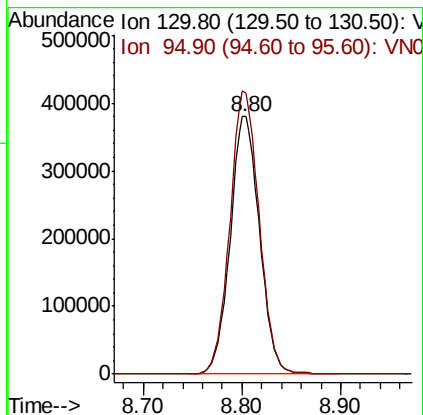
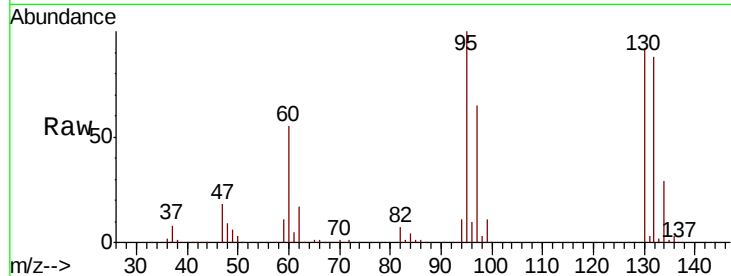
Acq: 24 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20200922

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		785844		
95	109.2	0.0	217.4		

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#50

Toluene-d8

Concen: 50.054 ug/l

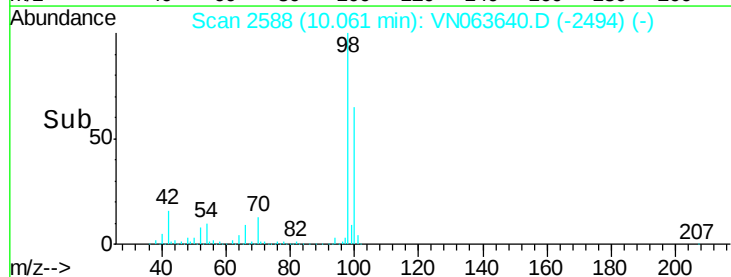
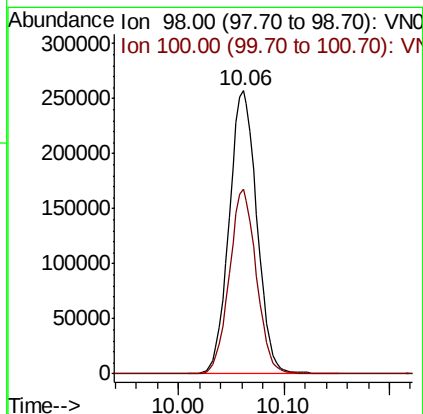
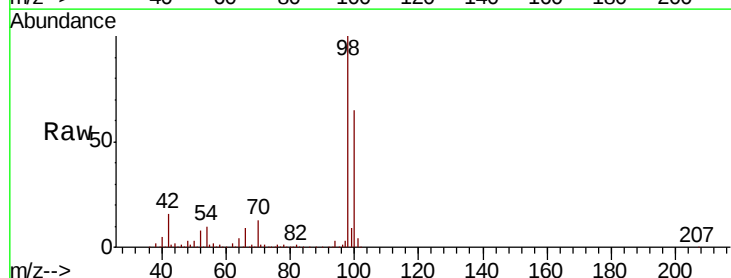
RT: 10.06 min Scan# 2588

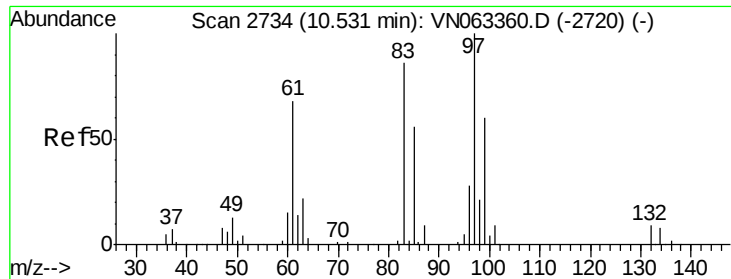
Delta R.T. 0.00 min

Lab File: VN063640.D

Acq: 24 Sep 2020 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100		468036		
100	63.5	50.7	76.1		





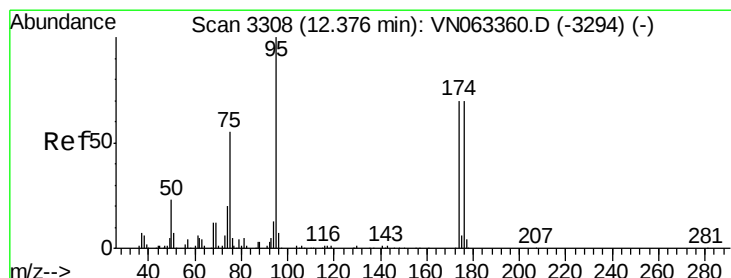
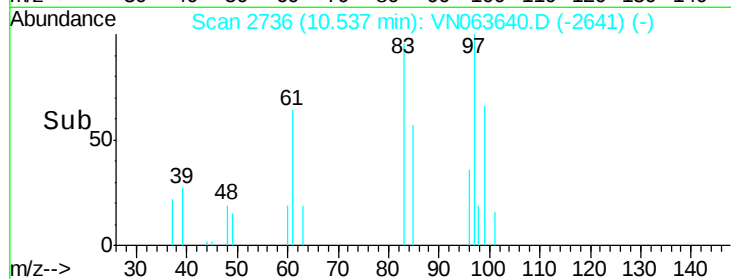
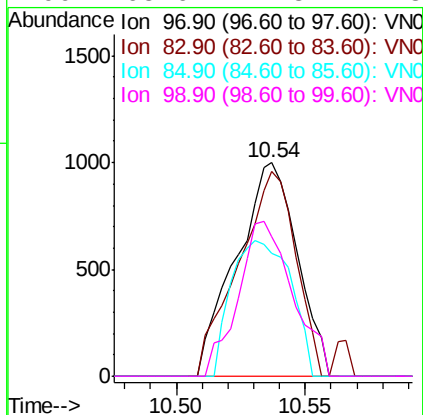
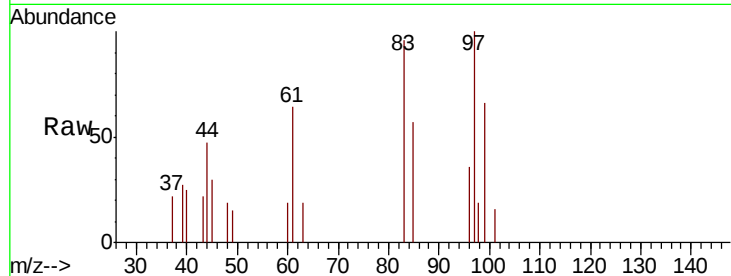
#55
 1,1,2-Trichloroethane
 Concen: 0.631 ug/l
 RT: 10.54 min Scan# 2736
 Delta R.T. 0.01 min
 Lab File: VN063640.D
 Acq: 24 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20200922

Tot Ion:	97	Resp:	1645
Ion	Ratio	Lower	Upper
97	100		
83	96.0	68.9	103.3
85	57.3	44.8	67.2
99	65.6	47.8	71.8

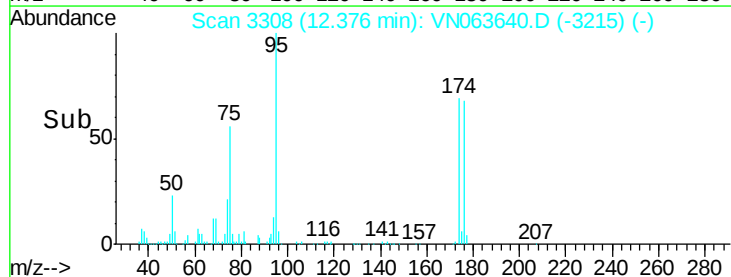
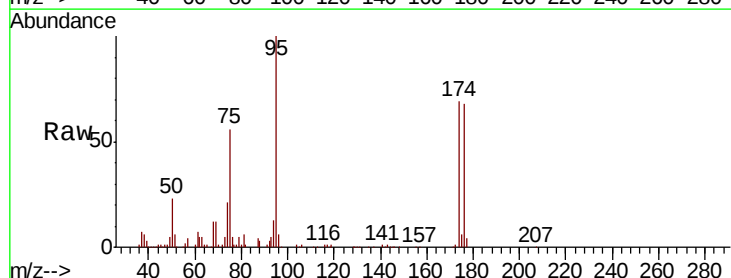
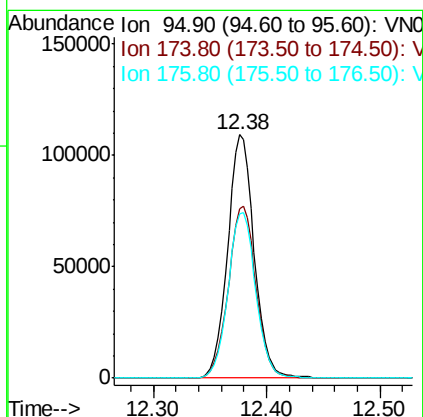
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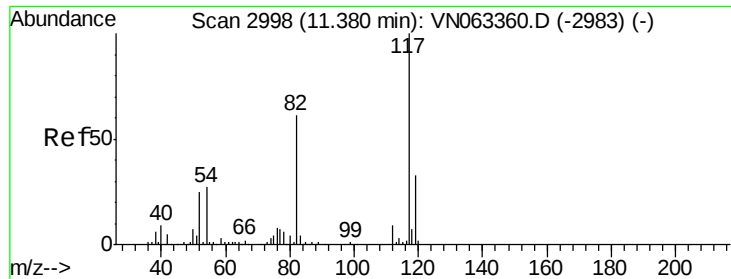
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#62
 4-Bromofluorobenzene
 Concen: 51.986 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063640.D
 Acq: 24 Sep 2020 19:52

Tgt Ion:	95	Resp:	178195
Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	140.8
176	70.8	0.0	137.6





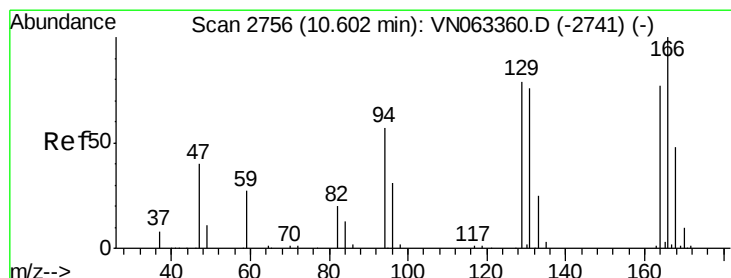
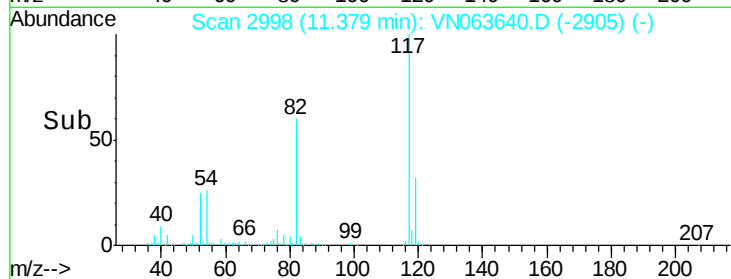
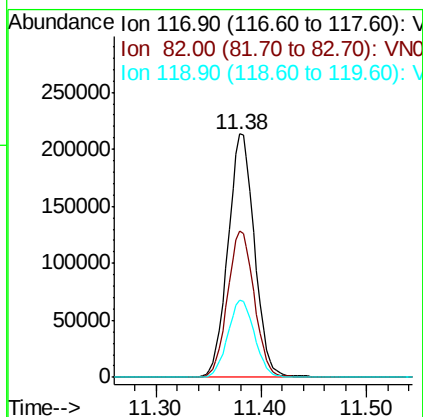
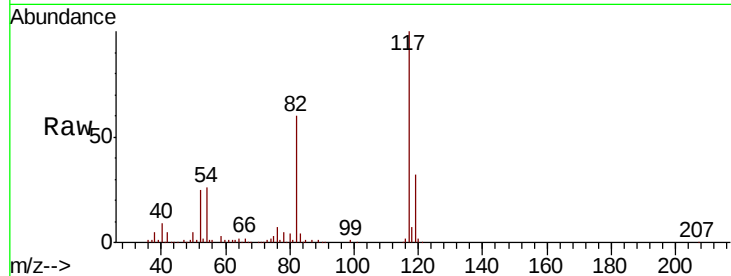
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063640.D
Acq: 24 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20200922

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	49.2	73.8
119	31.5	26.2	39.4

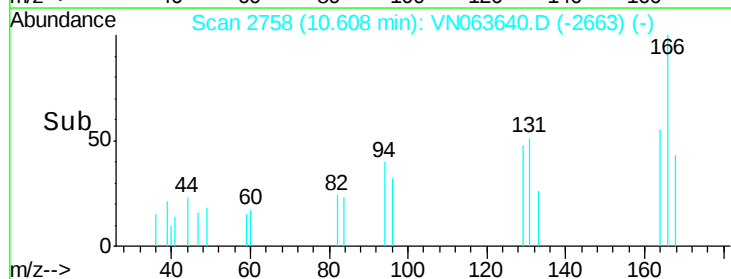
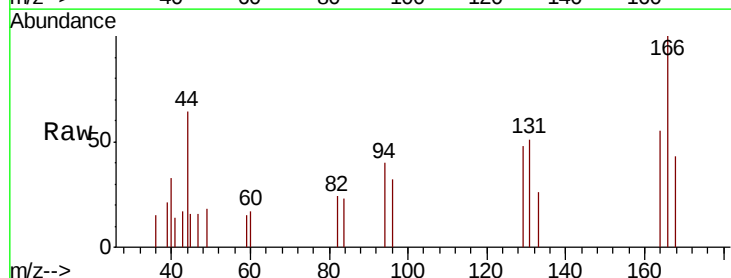
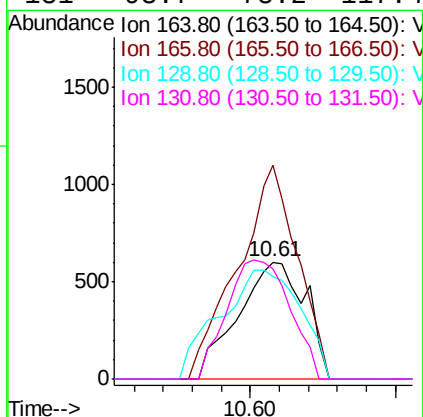
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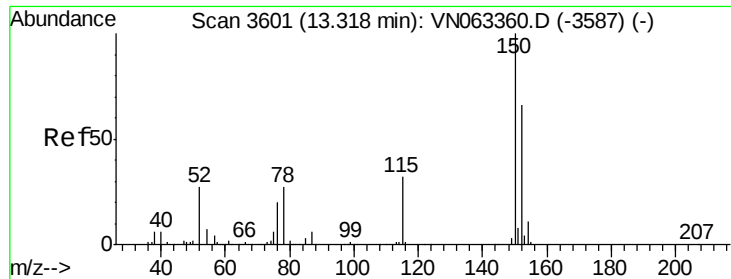
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#64
Tetrachloroethene
Concen: 0.384 ug/l
RT: 10.61 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VN063640.D
Acq: 24 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	182.4	103.4	155.0#
129	87.5	81.8	122.6
131	93.7	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: VN063640.D

Acq: 24 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20200922

Tot Ion:	152	Resp:	152055
Ion Ratio	Lower	Upper	
152	100		
115	61.9	32.2	96.6
150	159.3	0.0	343.4

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