

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064358.D
 Acq On : 28 Oct 2020 17:32
 Operator : JC/MD
 Sample : L4527-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 26414-26215

Manual Integrations
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 10/29/2020 12:01:37 PM

Quant Time: Oct 29 03:47:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	245344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194262	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	143899	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.06	98	534634	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.38	95	227078	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
Target Compounds						
16) Acetone	3.78	43	36319	20.270	ug/l	96
18) Methyl Acetate	4.28	43	4732m	1.598	ug/l	
20) Methylene Chloride	4.50	84	8360	2.990	ug/l	88
43) Isopropyl Acetate	8.13	43	86370	11.599	ug/l #	90

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

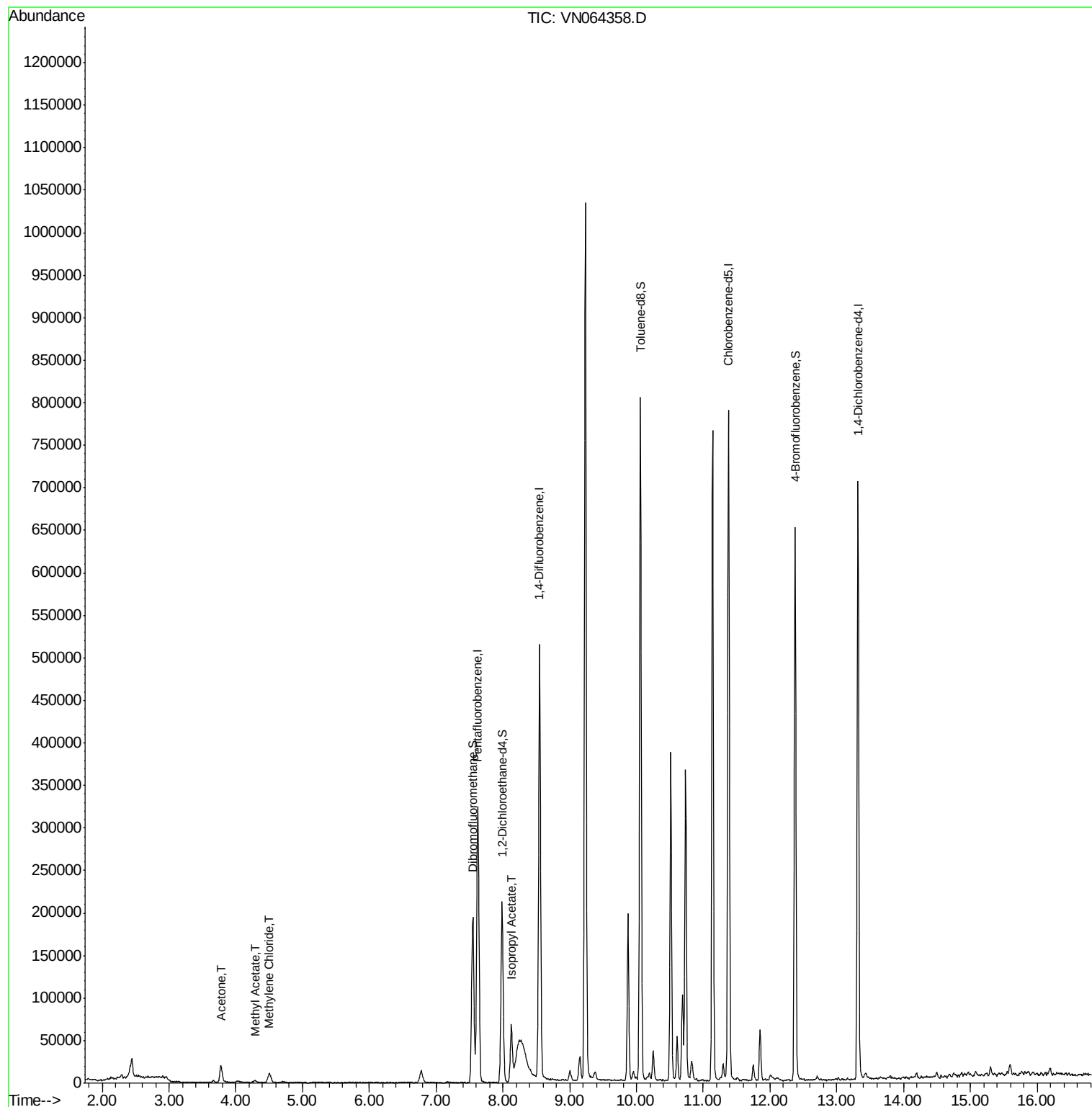
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102820\
Data File : VN064358.D
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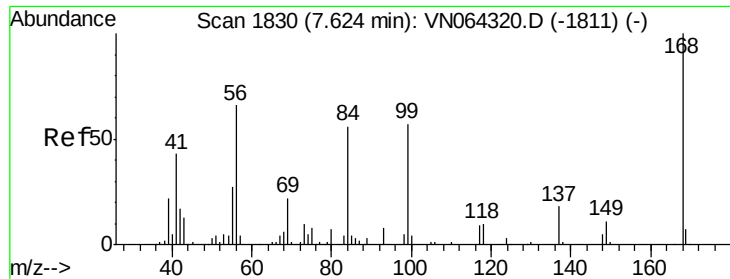
Instrument :
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Quant Time: Oct 29 03:47:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064358.D

Acq: 28 Oct 2020 17:32

Instrument :

MSVOA_N

ClientSampleId :

26414-26215

Tot Ion:168 Resp: 245344

Ion Ratio Lower Upper

168 100

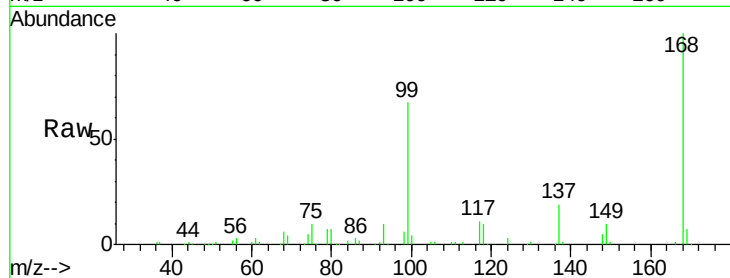
99 67.1 52.7 79.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

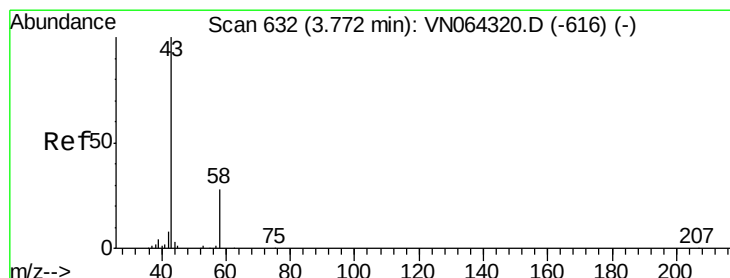
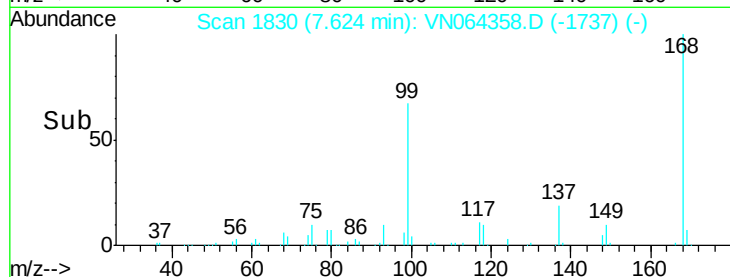
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 20.270 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064358.D

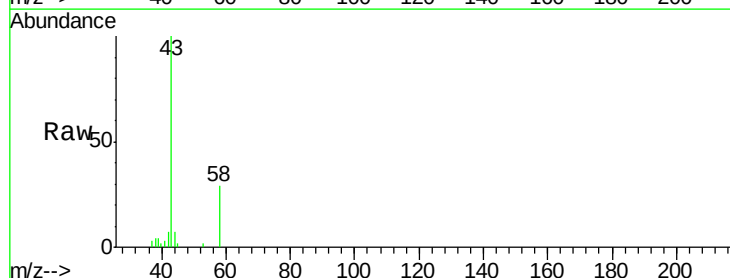
Acq: 28 Oct 2020 17:32

Tgt Ion: 43 Resp: 36319

Ion Ratio Lower Upper

43 100

58 29.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

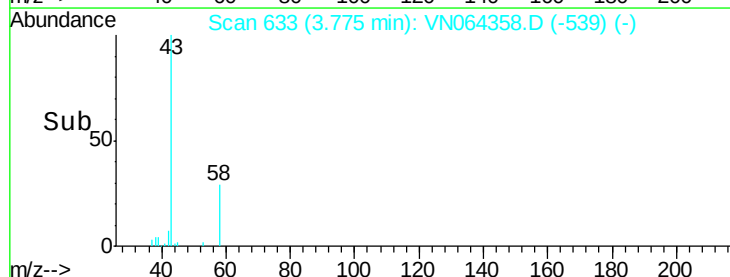
15000

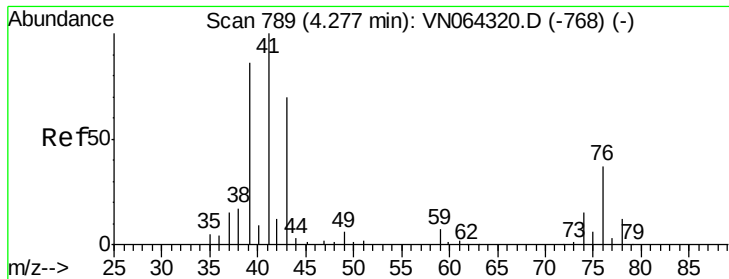
10000

5000

0

Time--> 3.70 3.80 3.90





#18

Methvl Acetate

Concen: 1.598 ug/l m

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064358.D

Acq: 28 Oct 2020 17:32

Instrument :

MSVOA_N

ClientSampleId :

26414-26215

Tot Ion: 43 Resp: 4732

Ion Ratio Lower Upper

43 100

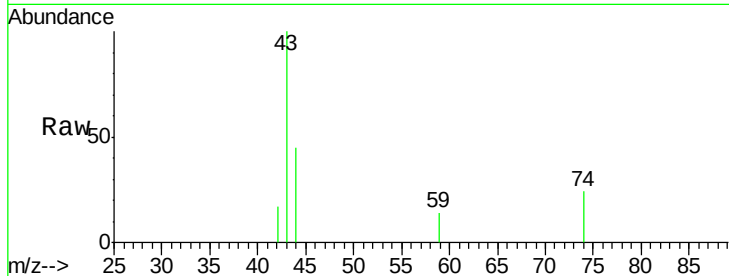
74 15.3 16.7 25.1#

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Abundance Ion 43.00 (42.70 to 43.70): VN064358.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN064358.D (-696) (-)

1500

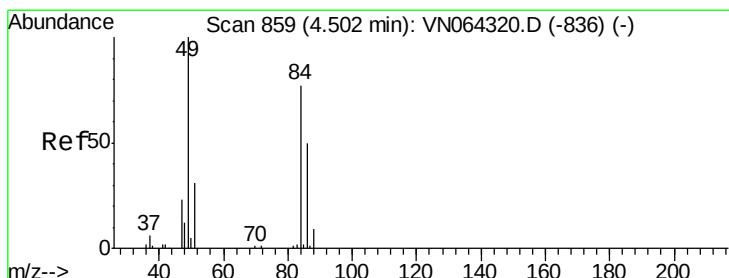
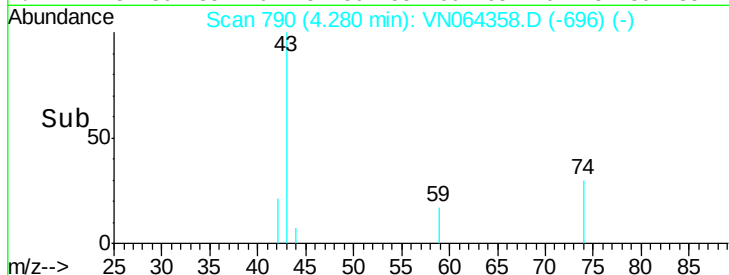
1000

500

0

Time-->

4.20 4.25 4.30 4.35



#20

Methylene Chloride

Concen: 2.990 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN064358.D

Acq: 28 Oct 2020 17:32

Tgt Ion: 84 Resp: 8360

Ion Ratio Lower Upper

84 100

49 148.3 103.6 155.4

51 32.1 31.8 47.8

86 66.8 51.3 76.9

Abundance Ion 83.90 (83.60 to 84.60): VN064358.D (-766) (-)

Ion 48.90 (48.60 to 49.60): VN064358.D (-766) (-)

Ion 50.90 (50.60 to 51.60): VN064358.D (-766) (-)

Ion 85.90 (85.60 to 86.60): VN064358.D (-766) (-)

6000

5000

4000

3000

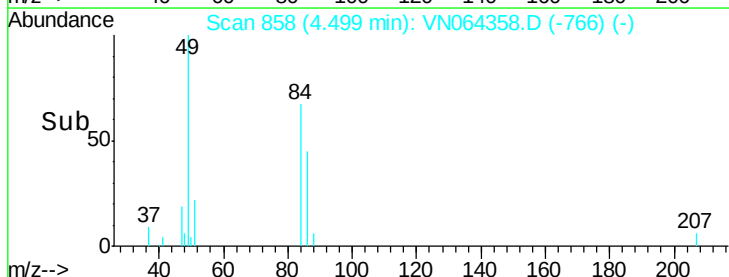
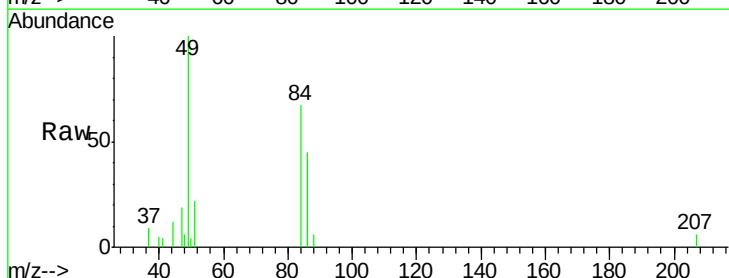
2000

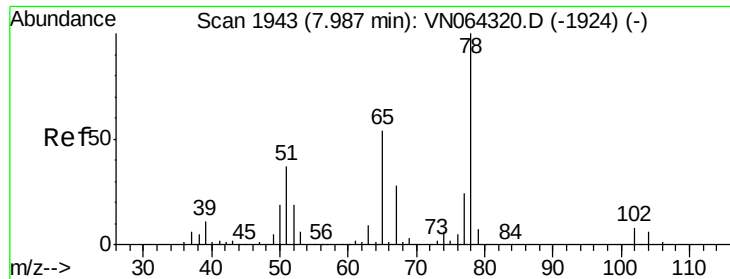
1000

0

Time-->

4.40 4.45 4.50 4.55 4.60





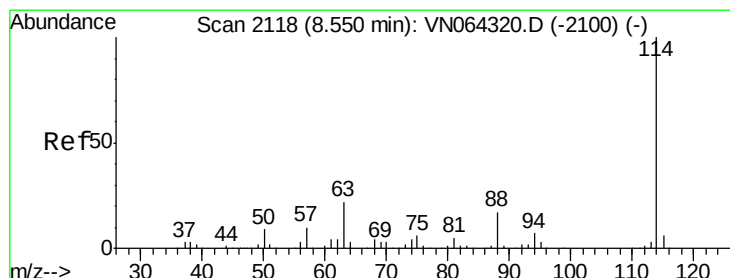
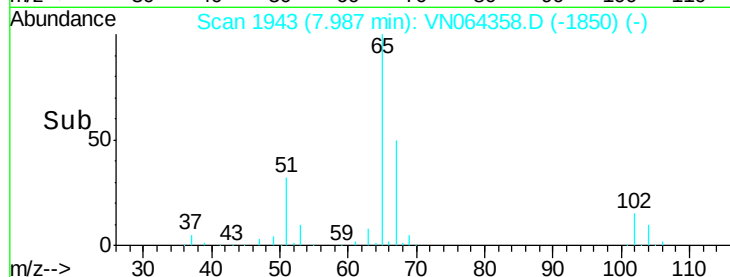
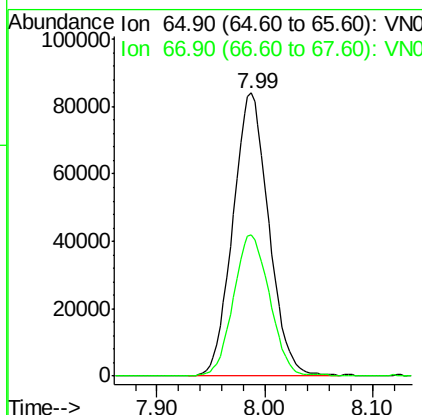
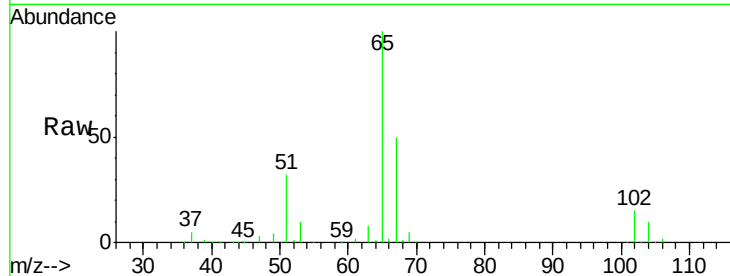
#33
 1,2-Dichloroethane-d4
 Concen: 49.272 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064358.D
 Acq: 28 Oct 2020 17:32

Instrument :
 MSVOA_N
 ClientSampleId :
 26414-26215

Tot Ion	Ratio	Resp	Lower	Upper
65	100	194262		
67	50.4	0.0	99.2	

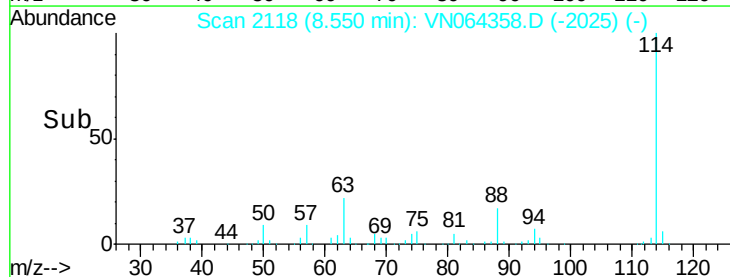
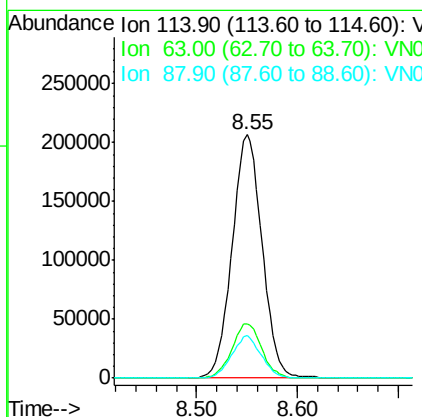
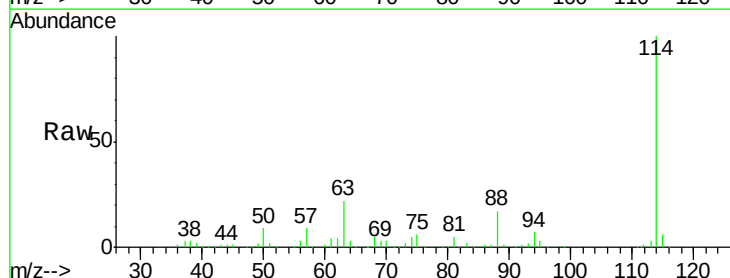
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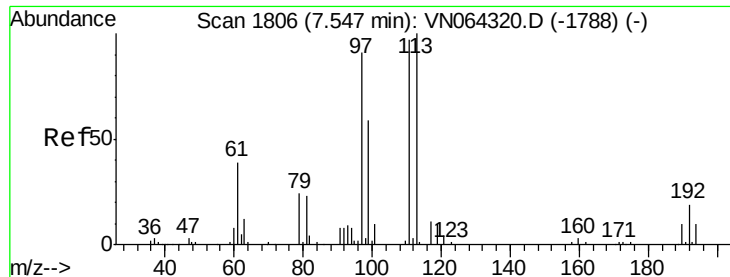
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064358.D
 Acq: 28 Oct 2020 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	427310		
63	22.4	0.0	44.6	
88	17.4	0.0	33.4	





#35

Dibromofluoromethane

Concen: 50.498 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064358.D

Acq: 28 Oct 2020 17:32

Instrument :

MSVOA_N

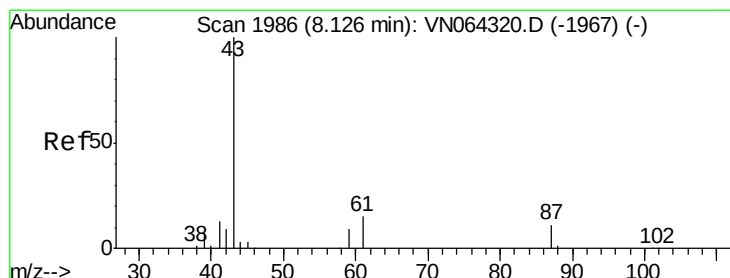
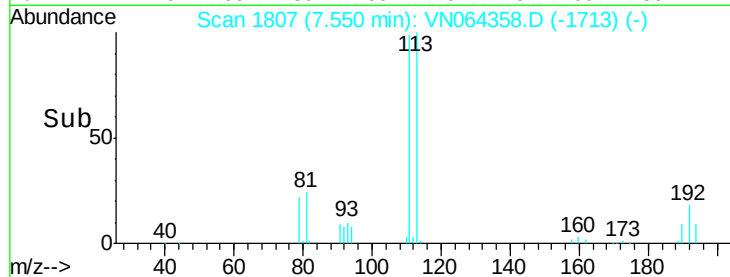
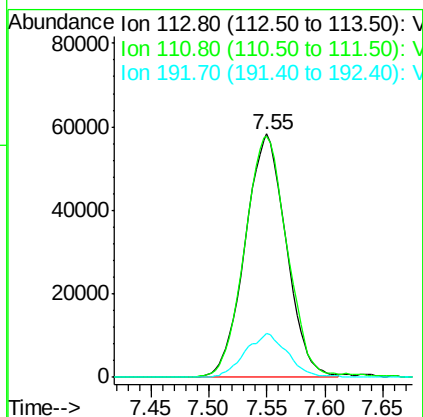
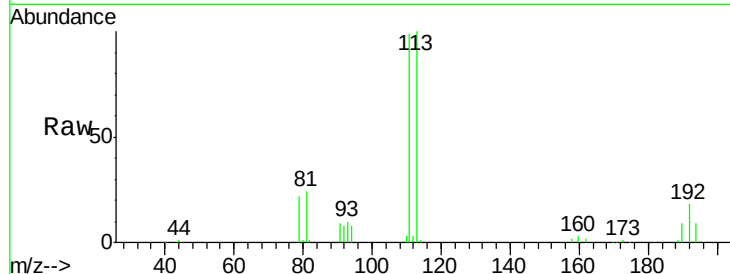
ClientSampleId :

26414-26215

Tot Ion:	113	Resp:	143899
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.5	122.3
192	18.3	15.0	22.4

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#43

Isopropyl Acetate

Concen: 11.599 ug/l

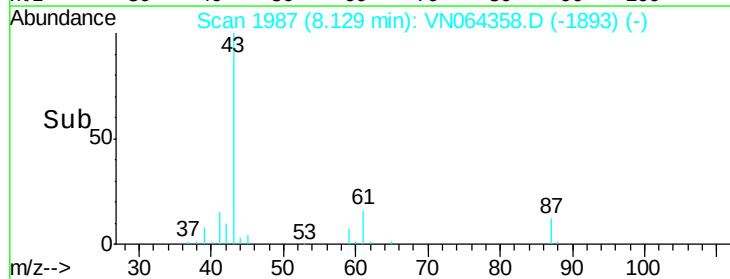
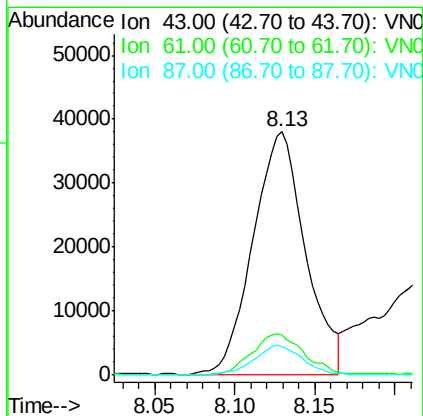
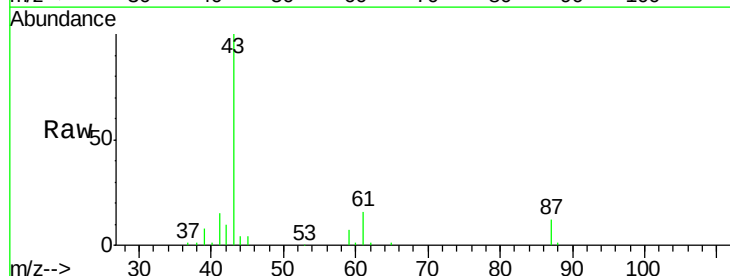
RT: 8.13 min Scan# 1987

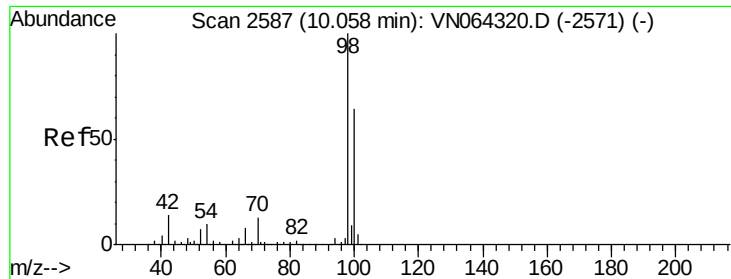
Delta R.T. 0.00 min

Lab File: VN064358.D

Acq: 28 Oct 2020 17:32

Tgt Ion:	43	Resp:	86370
Ion Ratio	Lower	Upper	
43	100		
61	17.0	19.1	28.7#
87	11.2	9.3	13.9





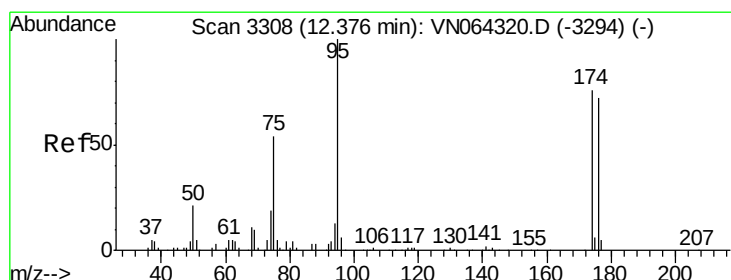
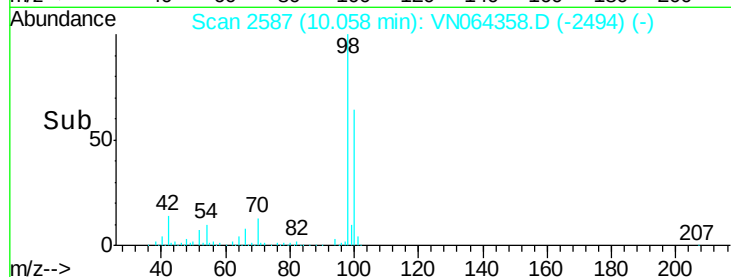
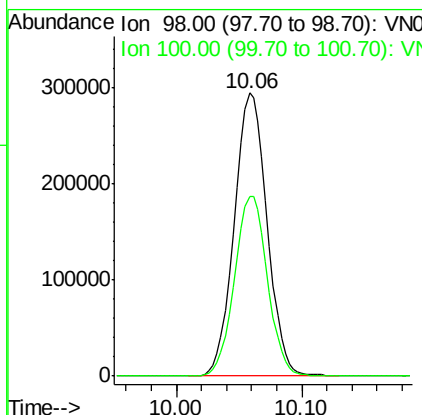
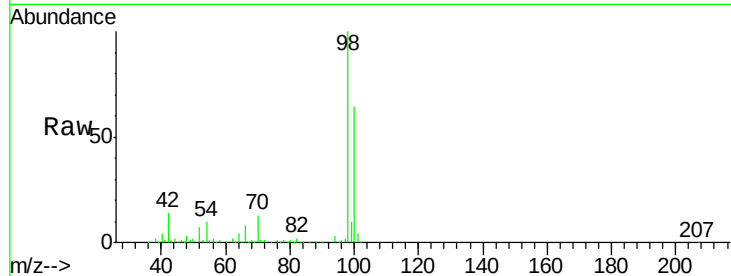
#50
Toluene-d8
Concen: 50.722 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064358.D
Acq: 28 Oct 2020 17:32

Instrument :
MSVOA_N
ClientSampleId :
26414-26215

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3

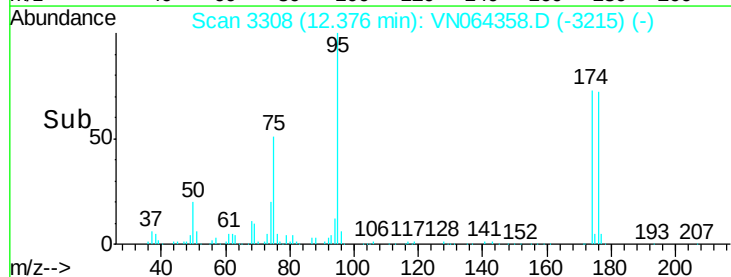
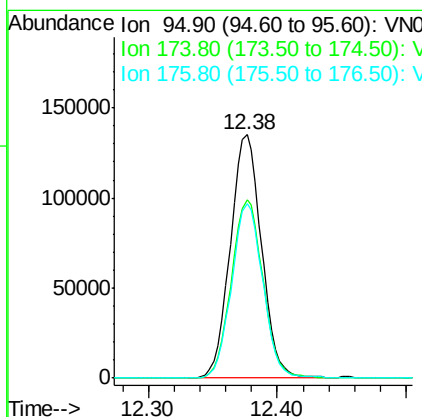
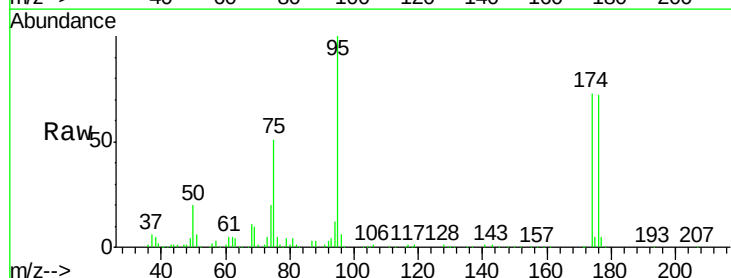
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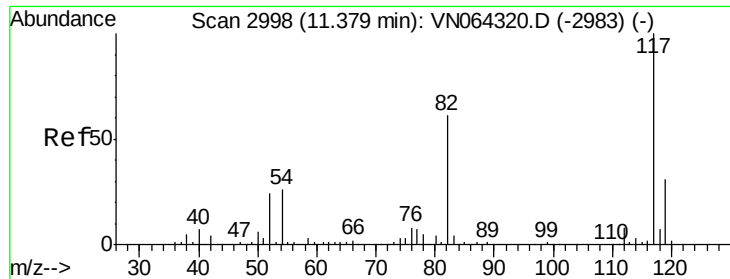
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#62
4-Bromofluorobenzene
Concen: 55.255 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064358.D
Acq: 28 Oct 2020 17:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	147.4
176	71.6	0.0	143.6





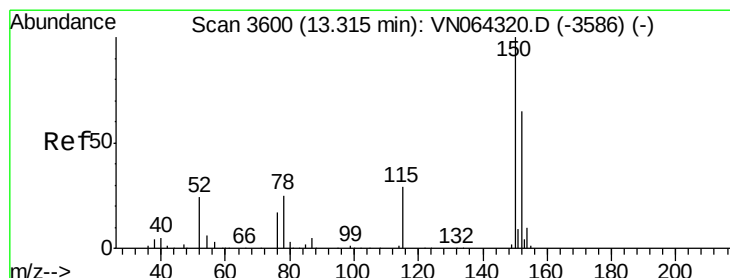
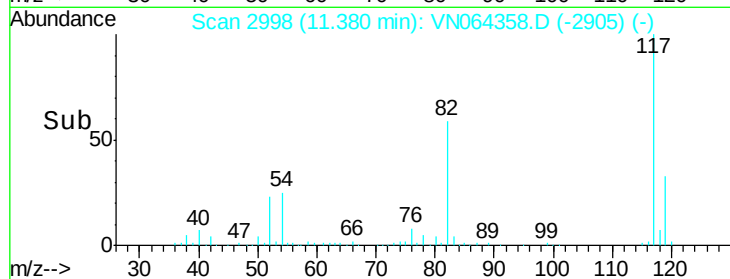
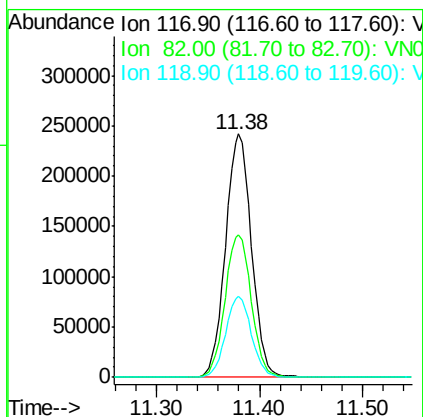
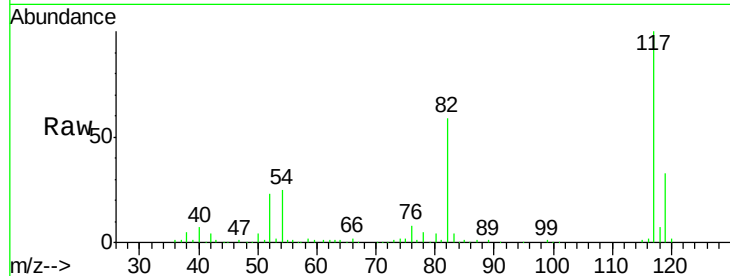
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064358.D
Acq: 28 Oct 2020 17:32

Instrument :
MSVOA_N
ClientSampleId :
26414-26215

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	48.8	73.2
119	33.3	25.1	37.7

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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: VN064358.D
Acq: 28 Oct 2020 17:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.5	94.5
150	157.2	0.0	346.2

