

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064618.D
 Acq On : 13 Nov 2020 7:22
 Operator : JC/MD
 Sample : L4699-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STOCKPILE

Manual Integrations
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 11/13/2020 11:43:56 AM

Quant Time: Nov 13 08:19:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	519636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	225285	57.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.66%	
35) Dibromofluoromethane	7.55	113	167716	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.06	98	627472	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.38	95	232606	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
Target Compounds						
16) Acetone	3.78	43	417302	281.197	ug/l	Qvalue 100
18) Methyl Acetate	4.29	43	4640m	1.590	ug/l	
20) Methylene Chloride	4.51	84	11488	3.902	ug/l	93
25) 2-Butanone	6.79	43	256053	135.417	ug/l	99
43) Isopropyl Acetate	8.13	43	71698	8.586	ug/l	99
52) Toluene	10.13	92	25552	2.767	ug/l	98
95) Naphthalene	15.11	128	2199	3.813	ug/l #	86

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

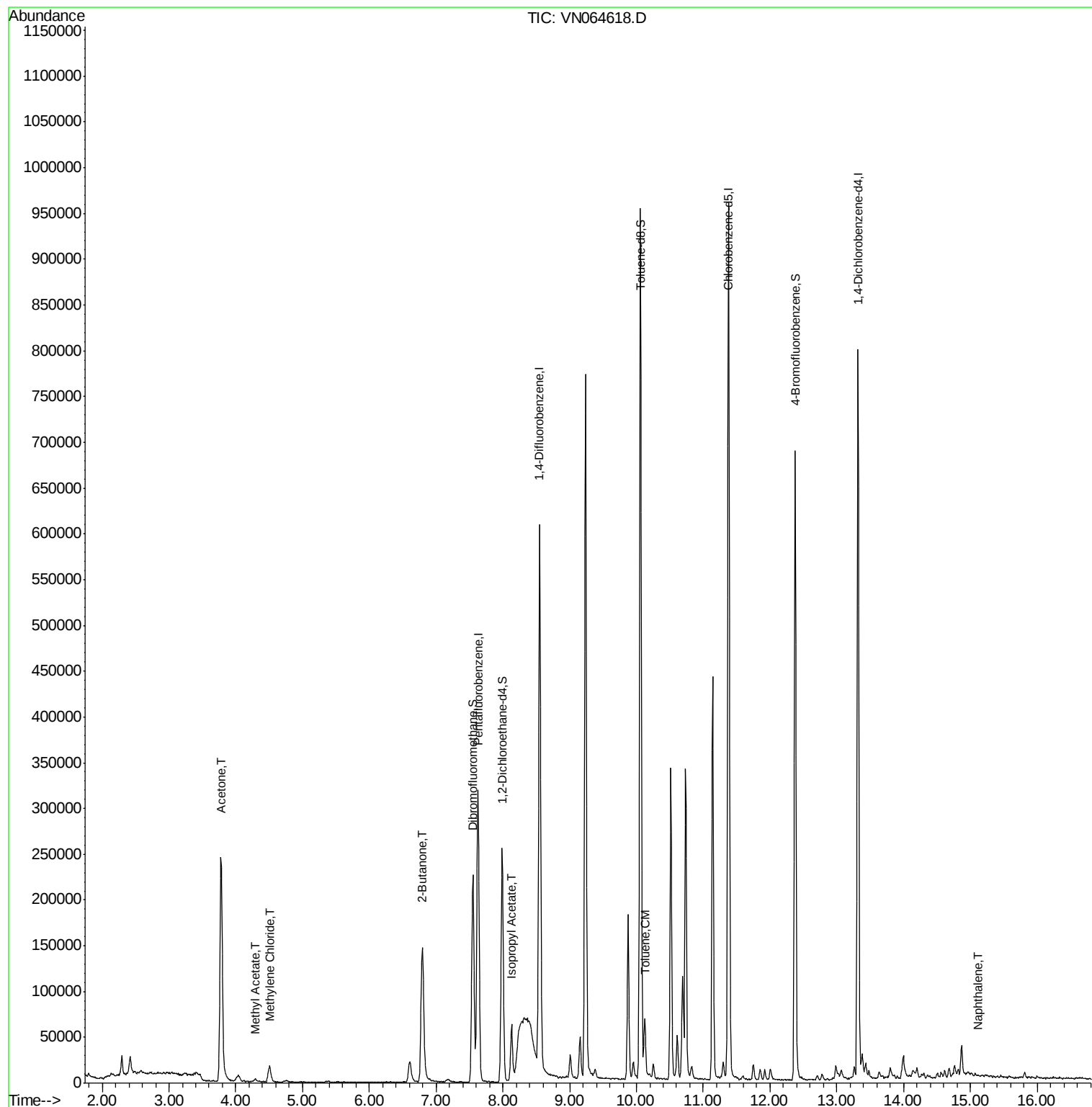
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\
Data File : VN064618.D
Acq On : 13 Nov 2020 7:22
Operator : JC/MD
Sample : L4699-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 52 Sample Multiplier: 1

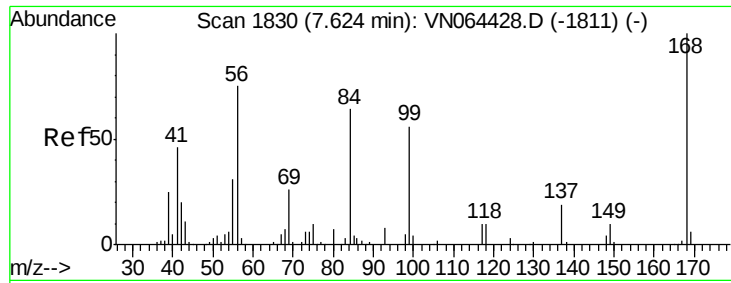
Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE

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Quant Time: Nov 13 08:19:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 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: VN064618.D

Acq: 13 Nov 2020 7:22

Instrument :

MSVOA_N

ClientSampleId :

STOCKPILE

Tot Ion:168 Resp: 223665

Ion Ratio Lower Upper

168 100

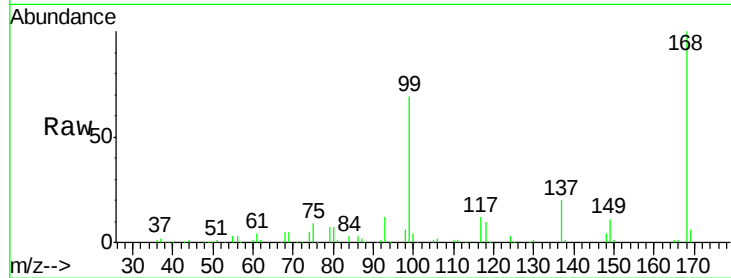
99 68.6 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

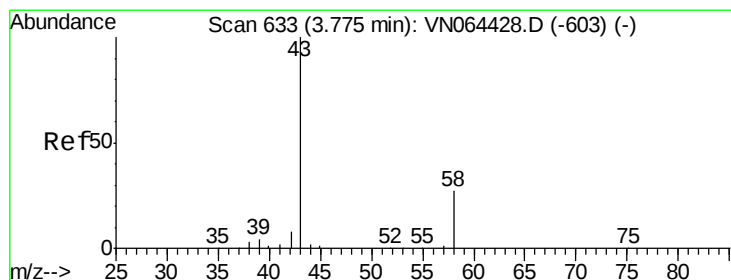
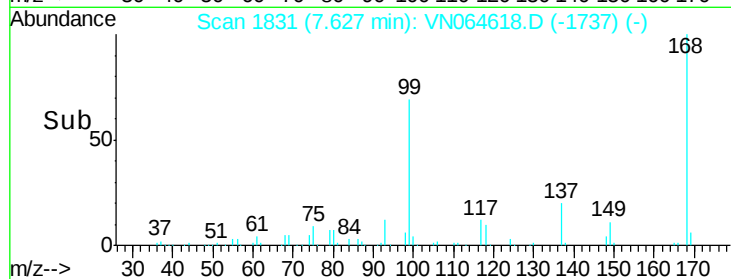
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 281.197 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064618.D

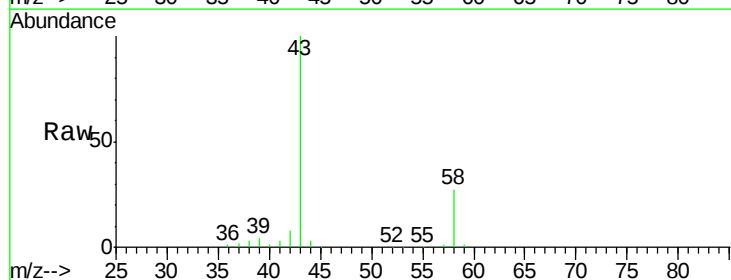
Acq: 13 Nov 2020 7:22

Tgt Ion: 43 Resp: 417302

Ion Ratio Lower Upper

43 100

58 26.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

150000

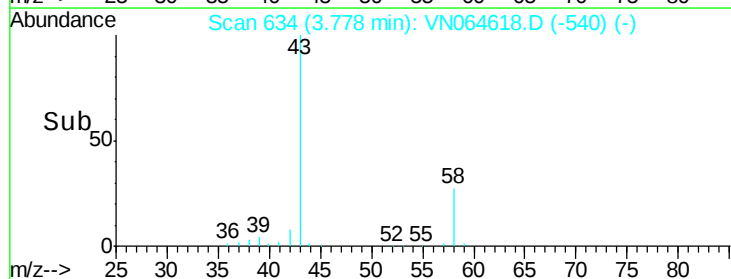
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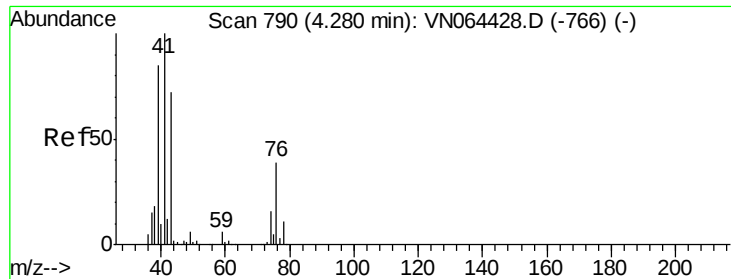
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3.70 3.80 3.90

Time-->





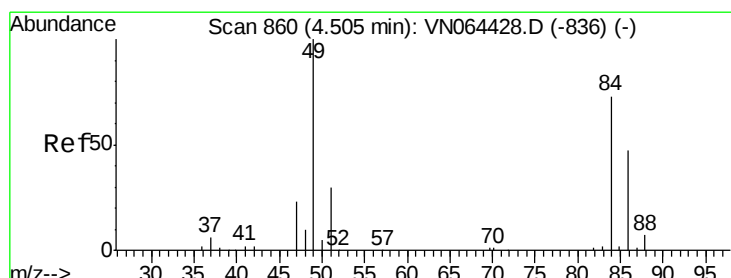
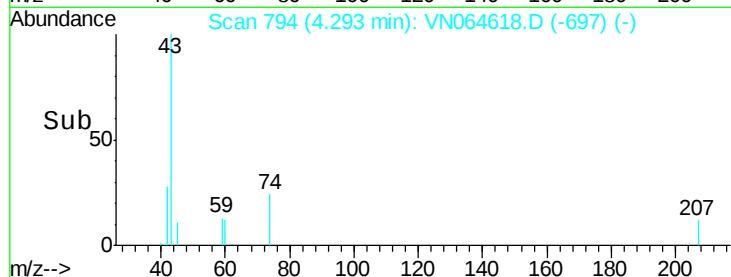
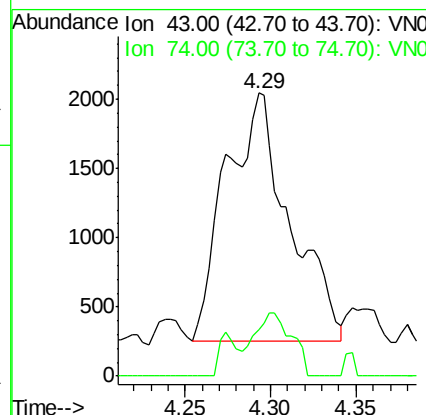
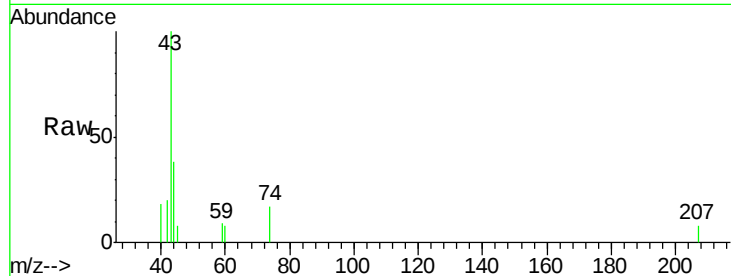
#18
Methyl Acetate
Concen: 1.590 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN064618.D
Acq: 13 Nov 2020 7:22

Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE

Tot Ion: 43 Resp: 4640
Ion Ratio Lower Upper
43 100
74 5.1 17.0 25.4#

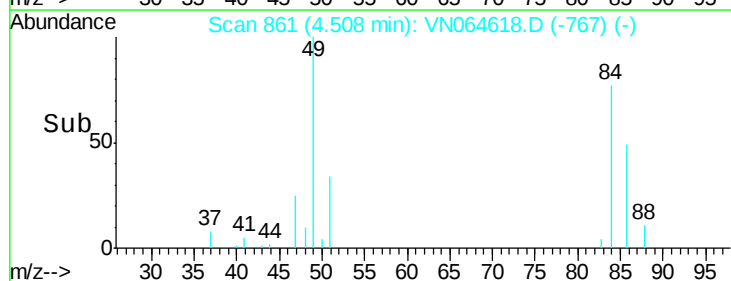
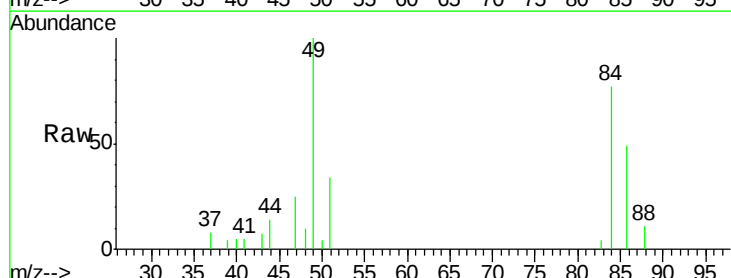
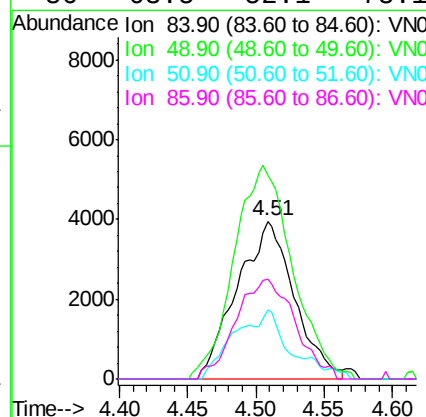
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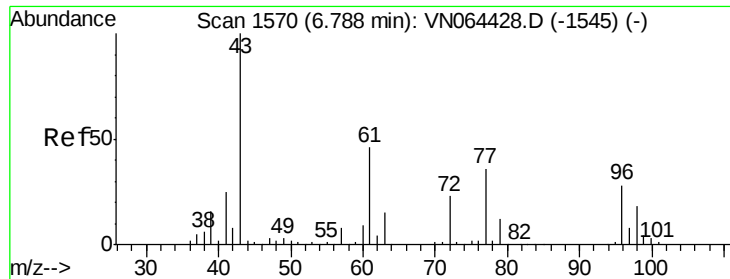
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#20
Methylene Chloride
Concen: 3.902 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064618.D
Acq: 13 Nov 2020 7:22

Tgt Ion: 84 Resp: 11488
Ion Ratio Lower Upper
84 100
49 124.7 110.1 165.1
51 43.5 33.6 50.4
86 63.5 52.1 78.1





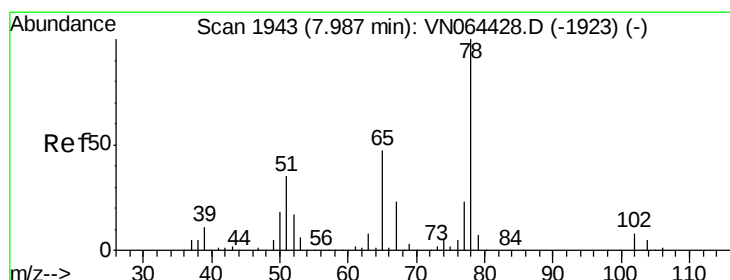
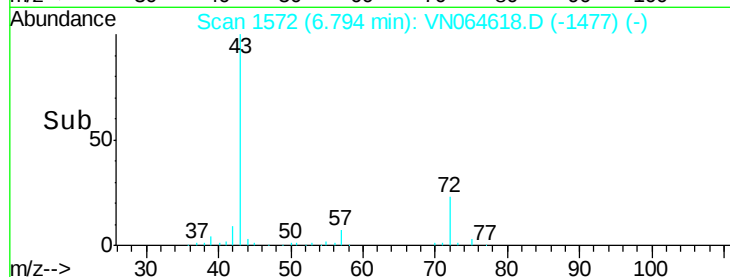
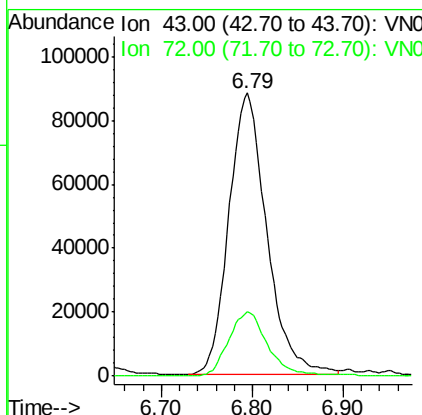
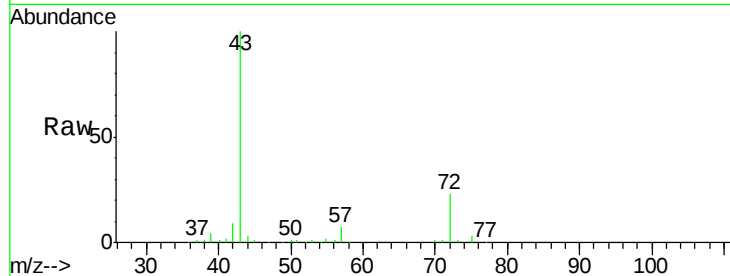
#25
2-Butanone
Concen: 135.417 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064618.D
Acq: 13 Nov 2020 7:22

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.5	27.7

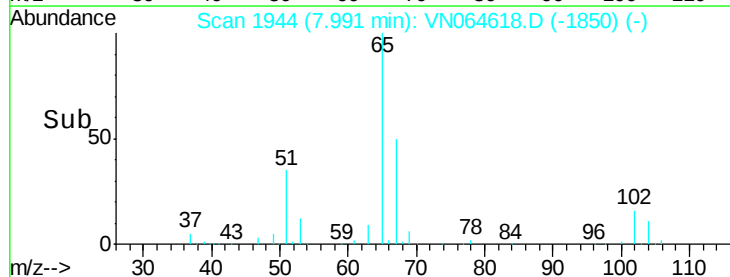
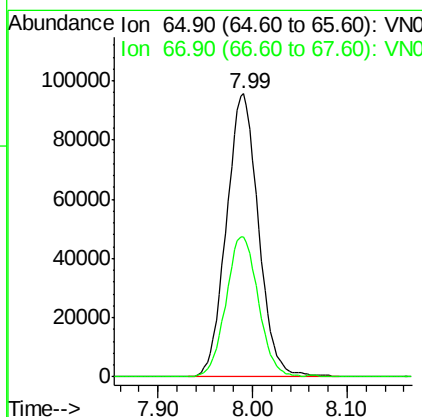
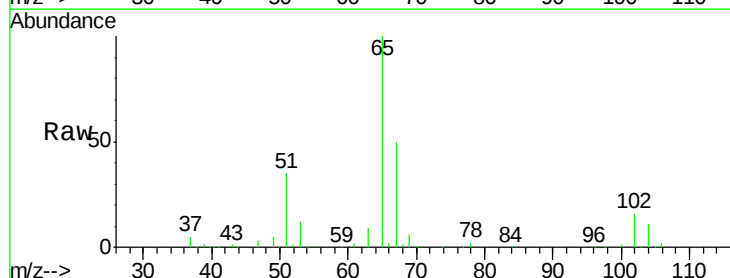
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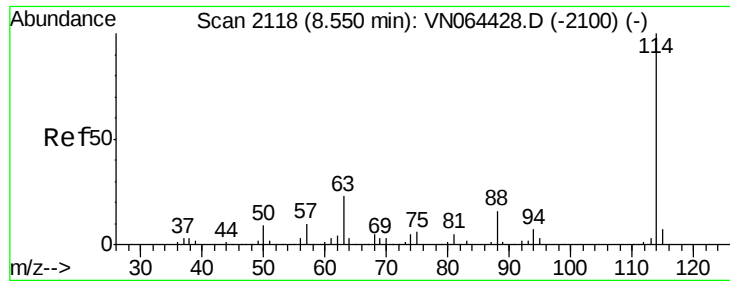
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#33
1,2-Dichloroethane-d4
Concen: 57.826 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064618.D
Acq: 13 Nov 2020 7:22

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.6





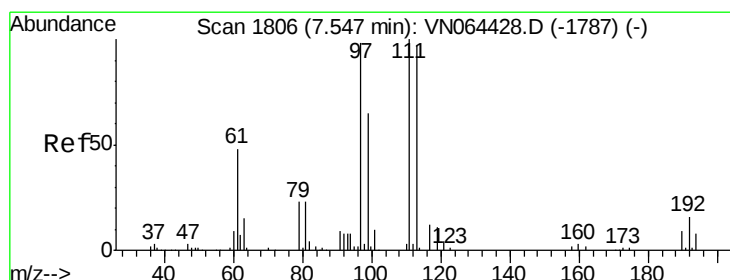
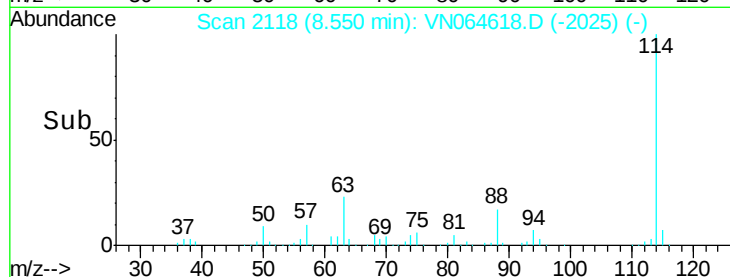
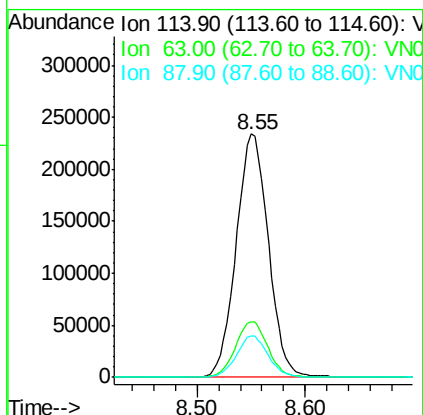
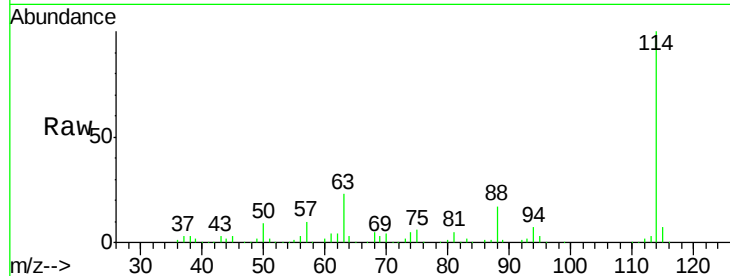
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064618.D
Acq: 13 Nov 2020 7:22

Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.0	0.0	45.6
88	17.2	0.0	32.8

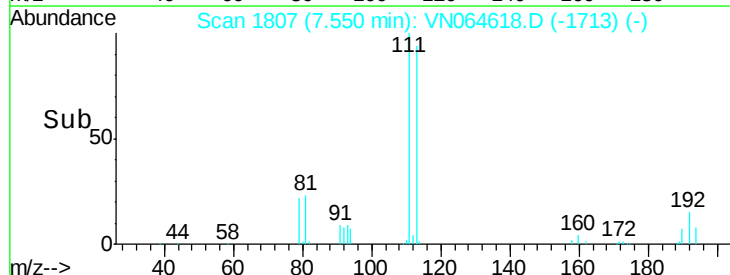
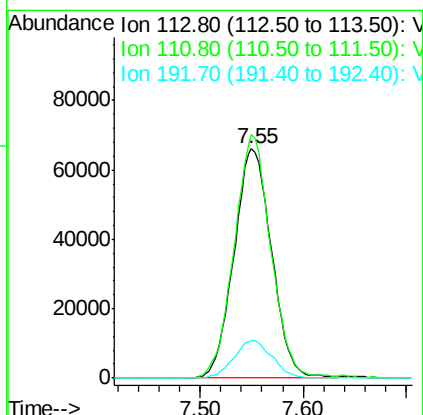
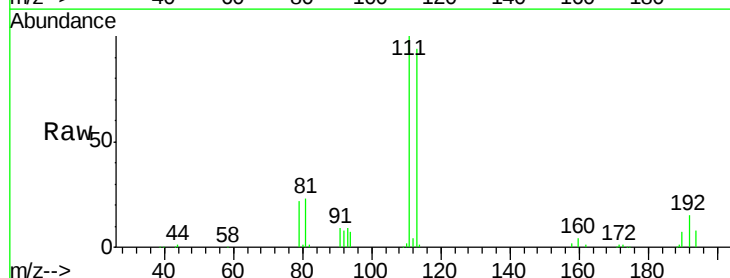
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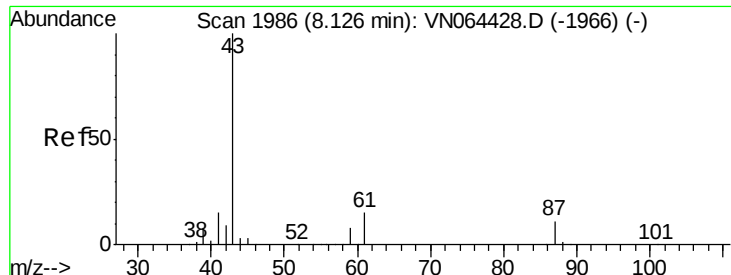
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#35
Dibromofluoromethane
Concen: 50.501 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064618.D
Acq: 13 Nov 2020 7:22

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.2	81.1	121.7
192	16.6	12.8	19.2





#43

Isopropyl Acetate

Concen: 8.586 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064618.D

Acq: 13 Nov 2020 7:22

Instrument :

MSVOA_N

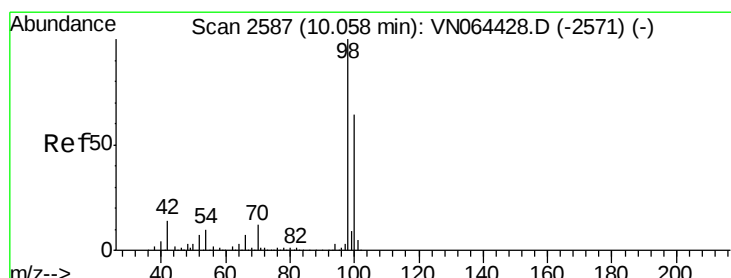
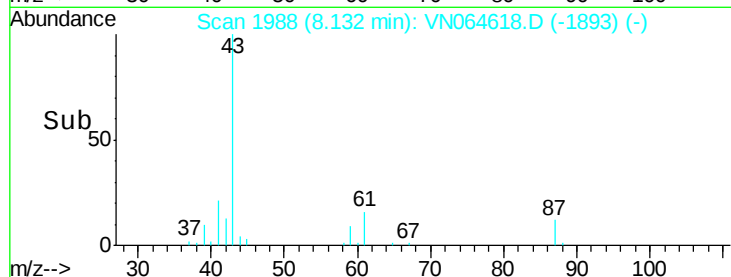
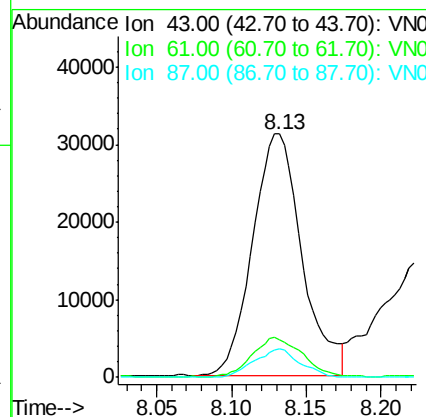
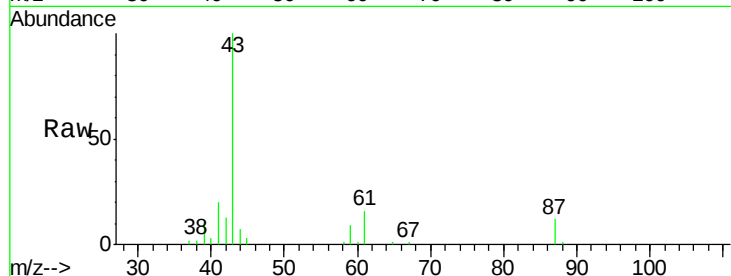
ClientSampleId :

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Tot Ion:	43	Resp:	71698
Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.0	21.0
87	10.8	9.1	13.7

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#50

Toluene-d8

Concen: 48.885 ug/l

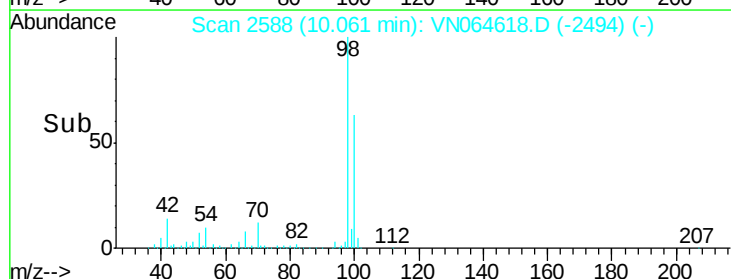
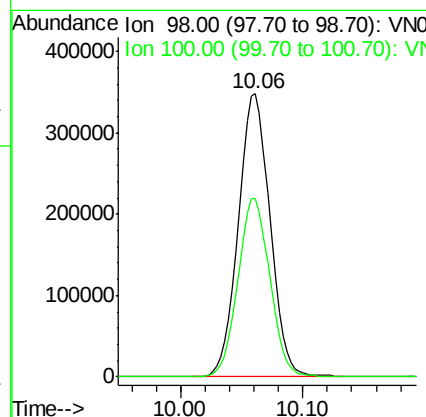
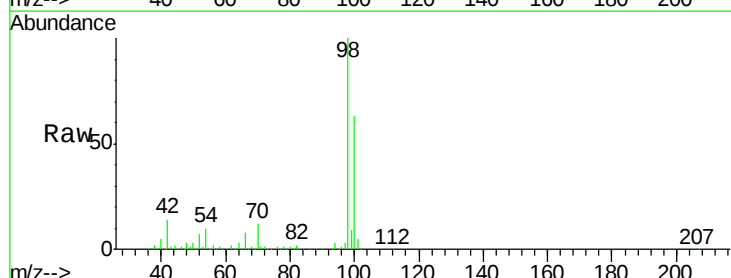
RT: 10.06 min Scan# 2588

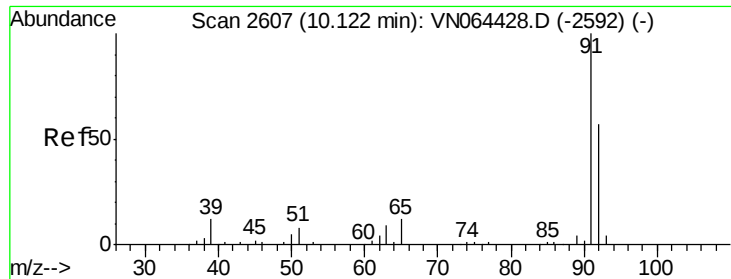
Delta R.T. 0.00 min

Lab File: VN064618.D

Acq: 13 Nov 2020 7:22

Tgt Ion:	98	Resp:	627472
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1





#52

Toluene

Concen: 2.767 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064618.D

Acq: 13 Nov 2020 7:22

Instrument :

MSVOA_N

ClientSampled :

STOCKPILE

Tot Ion: 92 Resp: 25552

Ion Ratio Lower Upper

92 100

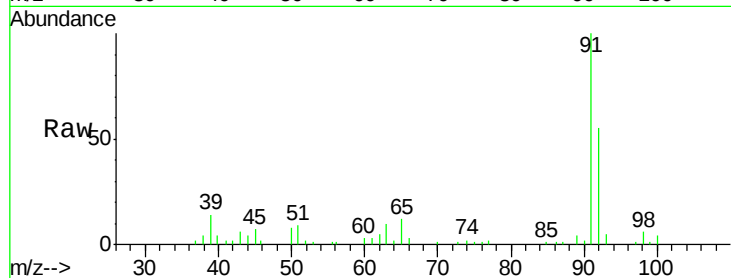
91 177.0 139.6 209.4

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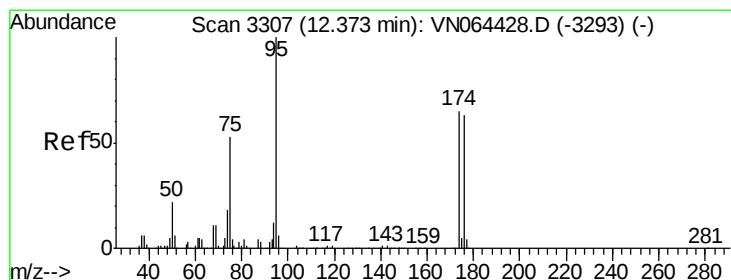
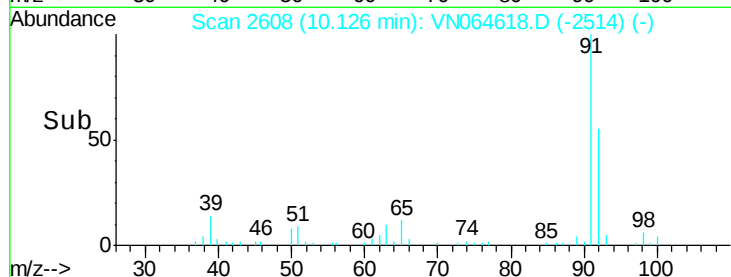
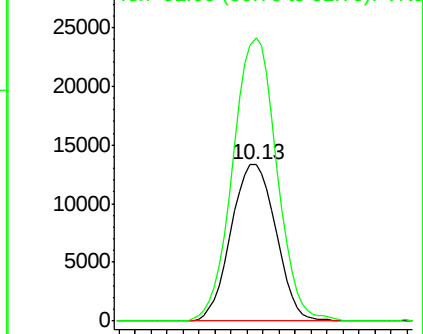
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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 47.917 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064618.D

Acq: 13 Nov 2020 7:22

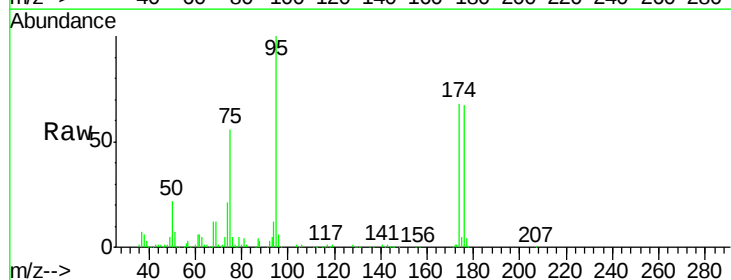
Tgt Ion: 95 Resp: 232606

Ion Ratio Lower Upper

95 100

174 70.0 0.0 132.6

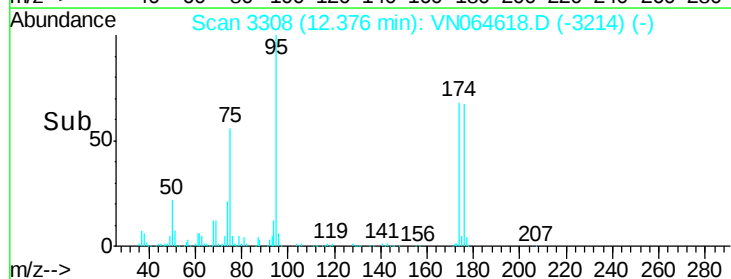
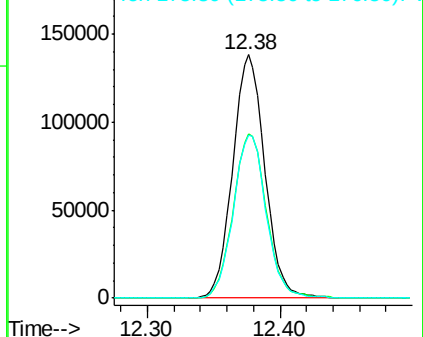
176 68.7 0.0 129.2

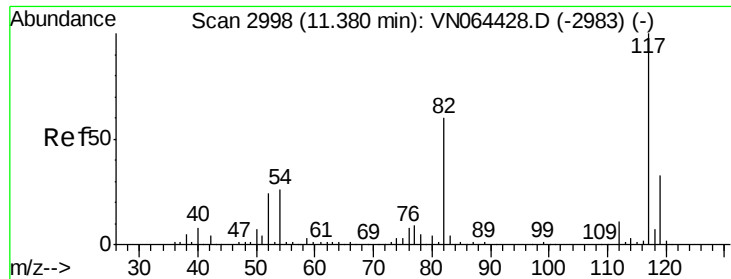


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





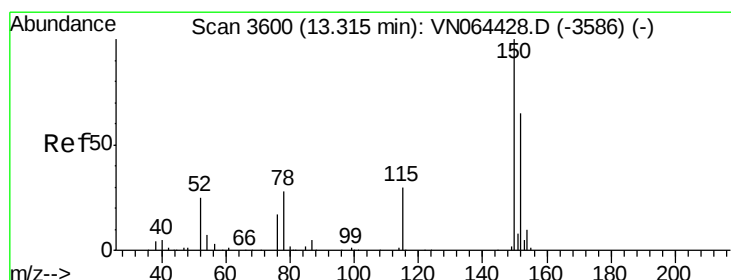
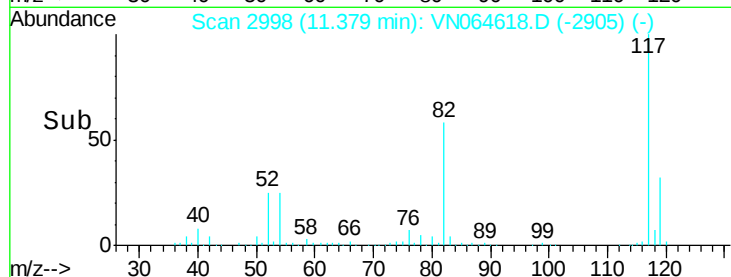
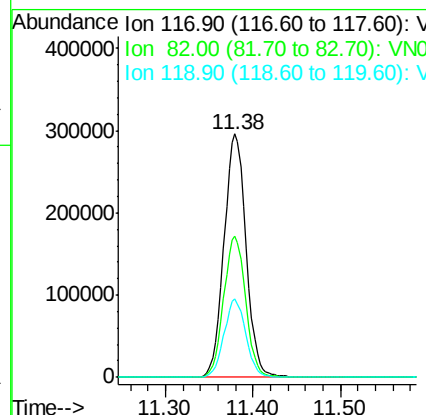
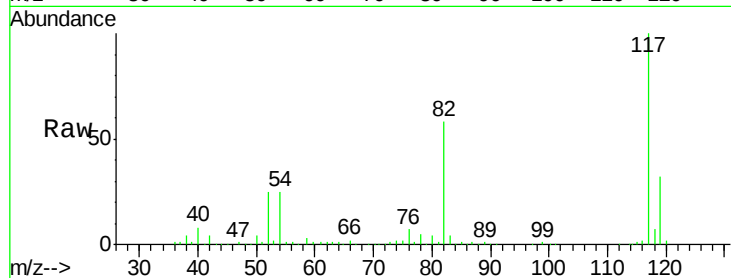
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064618.D
Acq: 13 Nov 2020 7:22

Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	48.1	72.1
119	32.0	26.2	39.4

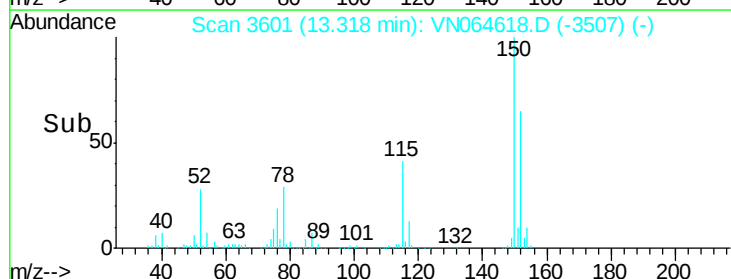
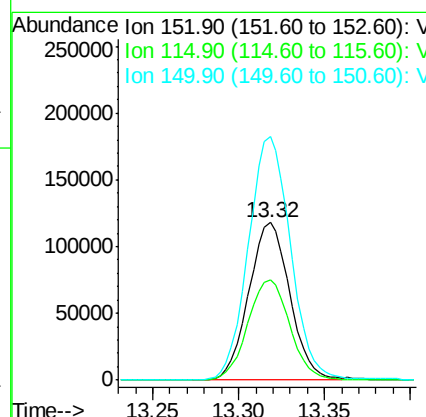
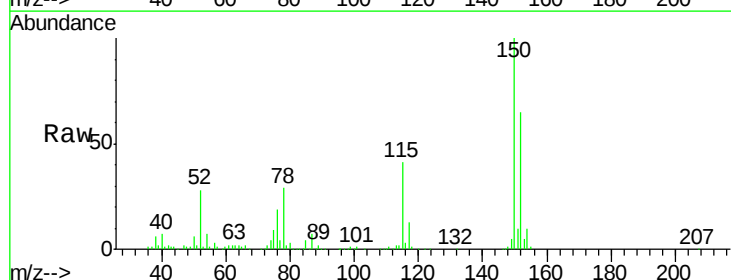
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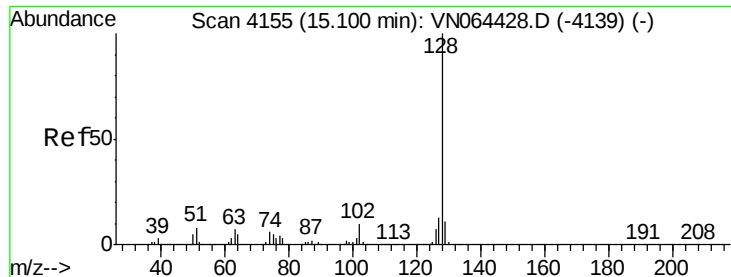
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064618.D
Acq: 13 Nov 2020 7:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	32.0	96.0
150	158.6	0.0	353.8





#95
Naphthalene
Concen: 3.813 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064618.D
Acq: 13 Nov 2020 7:22

Instrument :
MSVOA_N
ClientSampleId :
STOCKPILE

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	7.9	10.5	15.7#
129	5.6	8.8	13.2#

Manual Integrations
APPROVED

MMDadoda
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