

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064185.D
 Acq On : 16 Oct 2020 23:28
 Operator : JC/MD
 Sample : L4224-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-101520

Manual Integrations
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Quant Time: Oct 17 03:09:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	306244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	645625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	671619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	272043	62.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.74%	
35) Dibromofluoromethane	7.55	113	213702	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	10.06	98	837088	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.38	95	281871	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
Target Compounds						
16) Acetone	3.79	43	53171	41.100	ug/l	96
18) Methyl Acetate	4.29	43	7378m	2.273	ug/l	
20) Methylene Chloride	4.51	84	12608	3.150	ug/l	92
43) Isopropyl Acetate	8.13	43	102768	11.214	ug/l #	89
95) Naphthalene	15.11	128	25891	5.799	ug/l	98

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

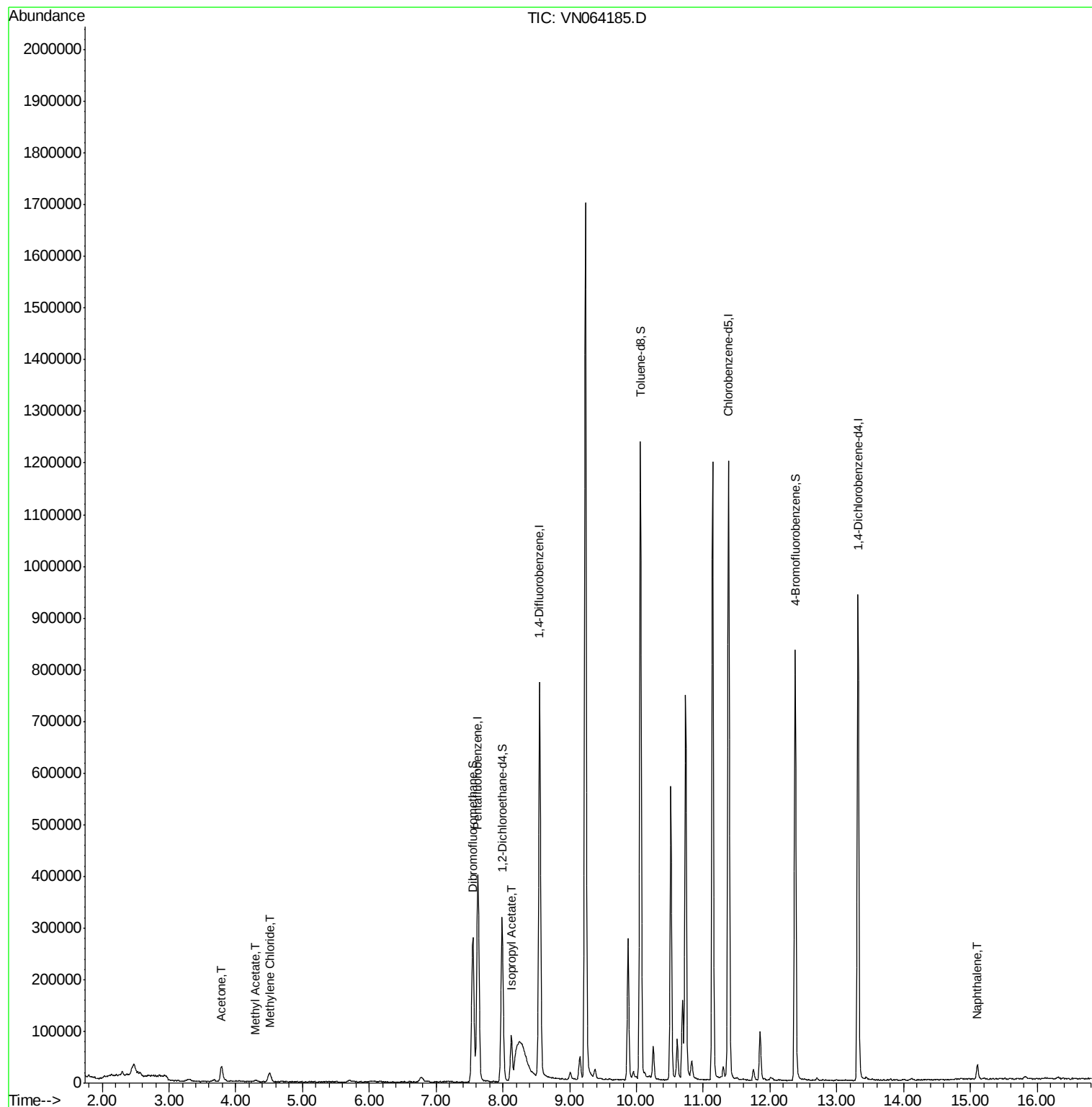
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101620\
Data File : VN064185.D
Acq On : 16 Oct 2020 23:28
Operator : JC/MD
Sample : L4224-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

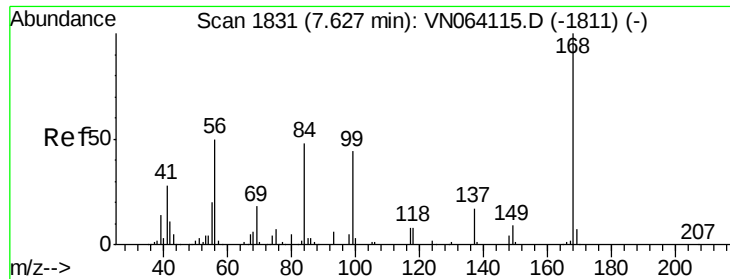
Instrument :
MSVOA_N
ClientSampleId :
OR-03-101520

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Quant Time: Oct 17 03:09:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 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: VN064185.D

Acq: 16 Oct 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

OR-03-101520

Tot Ion:168 Resp: 306244

Ion Ratio Lower Upper

168 100

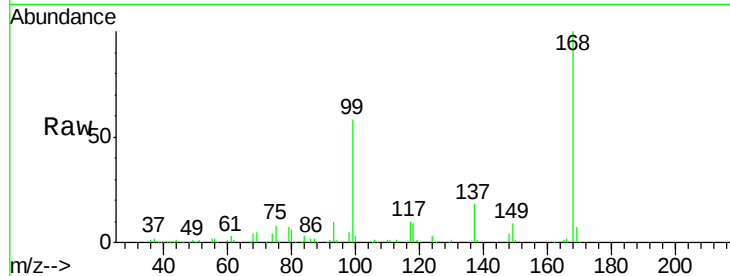
99 58.4 43.6 65.4

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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

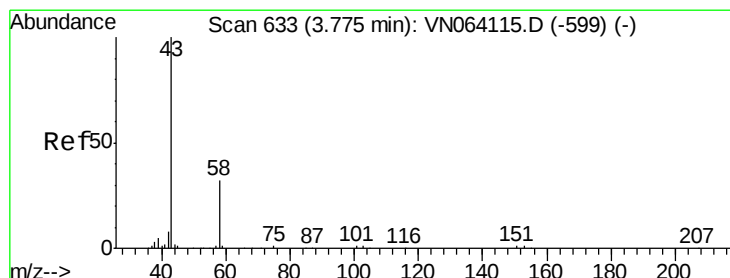
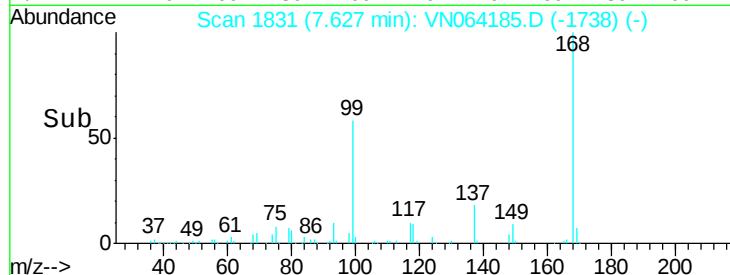
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 41.100 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064185.D

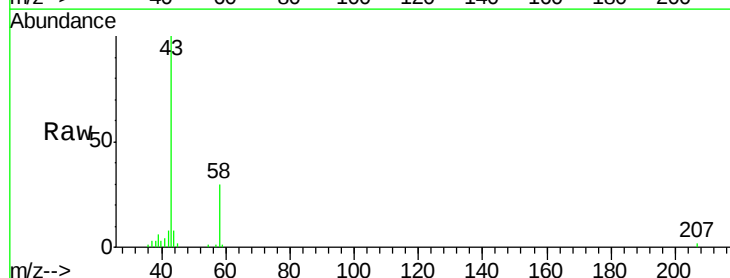
Acq: 16 Oct 2020 23:28

Tgt Ion: 43 Resp: 53171

Ion Ratio Lower Upper

43 100

58 29.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

20000

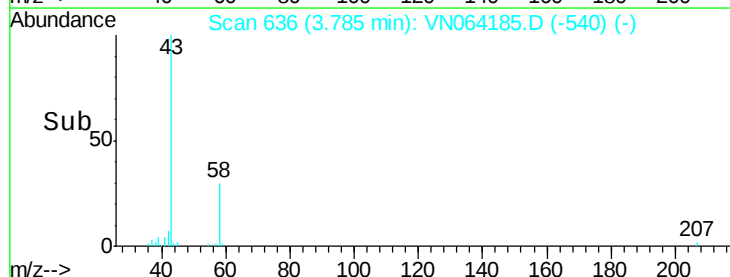
15000

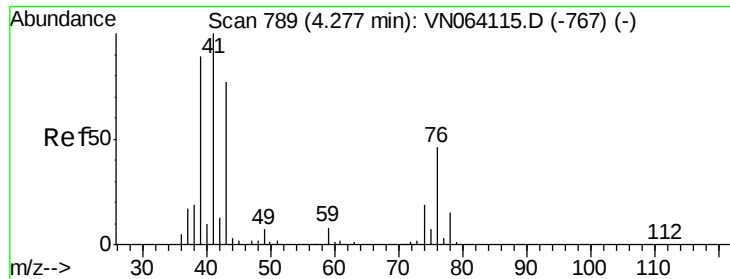
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5000

0

Time--> 3.70 3.75 3.80 3.85





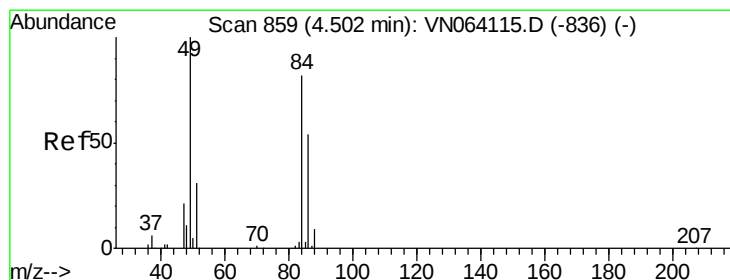
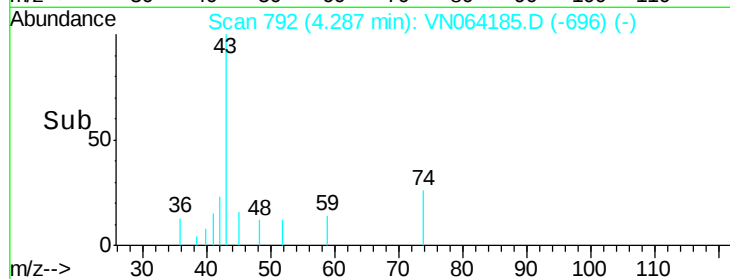
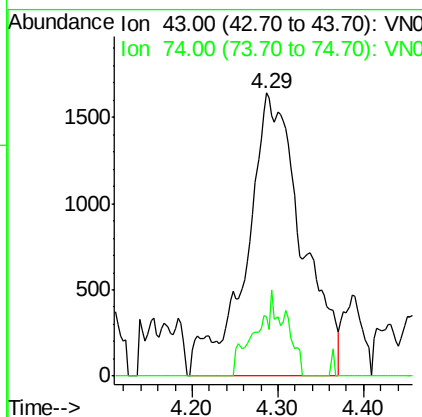
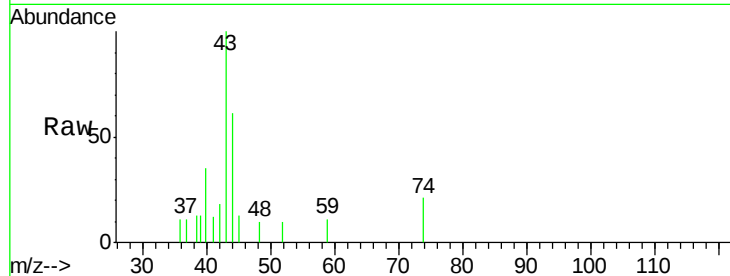
#18
Methyl Acetate
Concen: 2.273 ug/l m
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064185.D
Acq: 16 Oct 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
OR-03-101520

Tot Ion: 43 Resp: 7378
Ion Ratio Lower Upper
43 100
74 6.0 19.7 29.5#

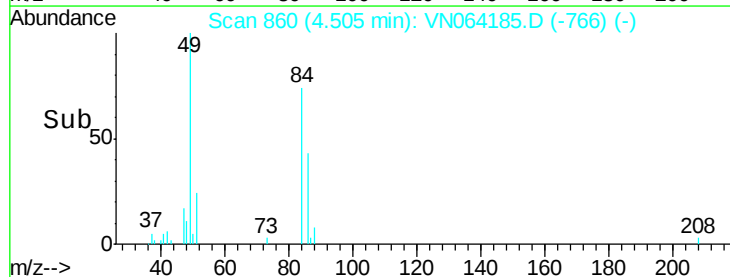
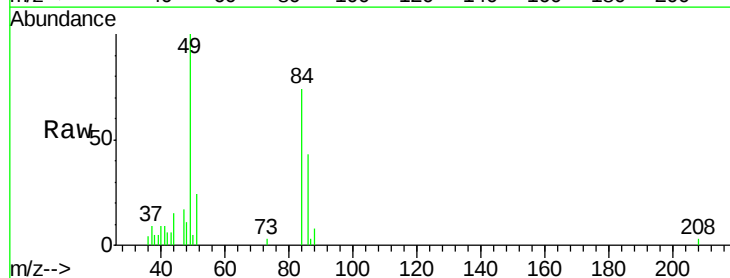
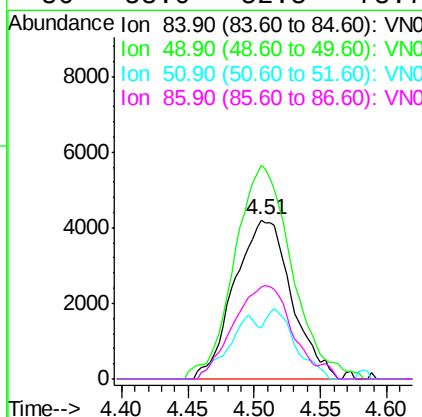
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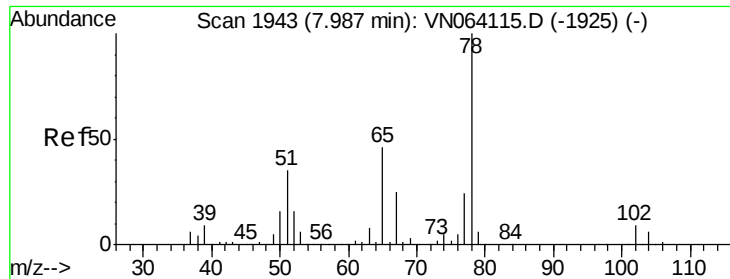
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#20
Methylene Chloride
Concen: 3.150 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064185.D
Acq: 16 Oct 2020 23:28

Tgt Ion: 84 Resp: 12608
Ion Ratio Lower Upper
84 100
49 129.4 97.4 146.0
51 32.4 29.7 44.5
86 58.0 52.5 78.7





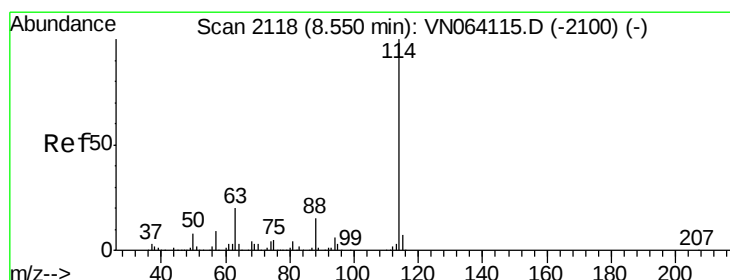
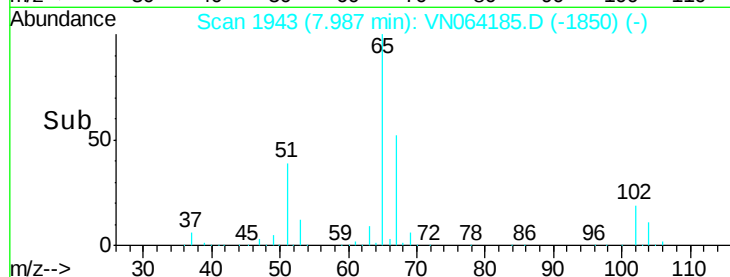
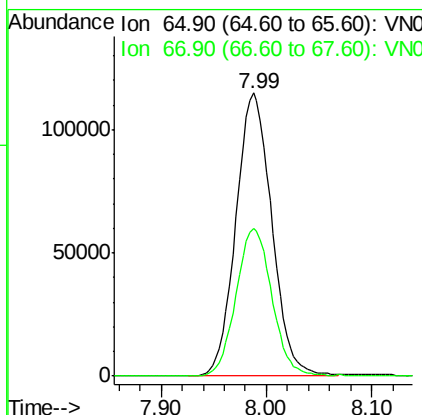
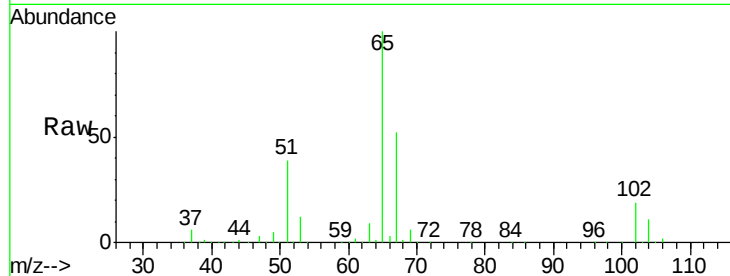
#33
 1,2-Dichloroethane-d4
 Concen: 62.373 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064185.D
 Acq: 16 Oct 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-101520

Tot Ion	Ratio	Resp	Lower	Upper
65	100	272043		
67	52.0	0.0	105.6	

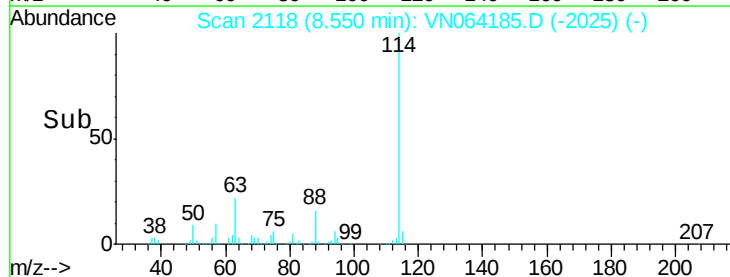
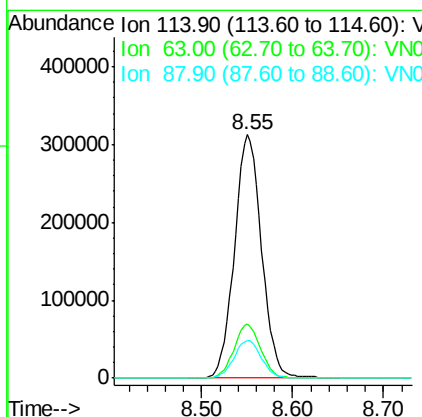
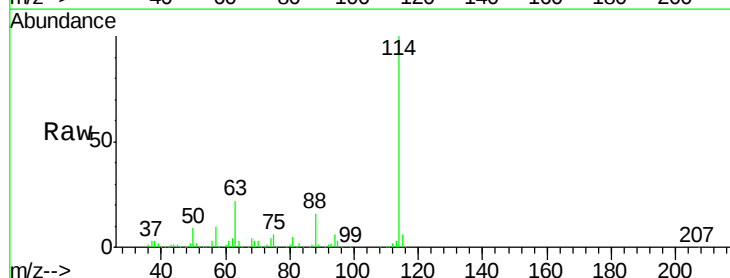
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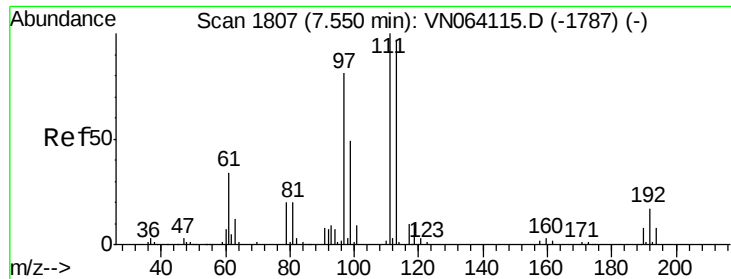
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064185.D
 Acq: 16 Oct 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	645625		
63	22.3	0.0	41.0	
88	15.7	0.0	29.2	





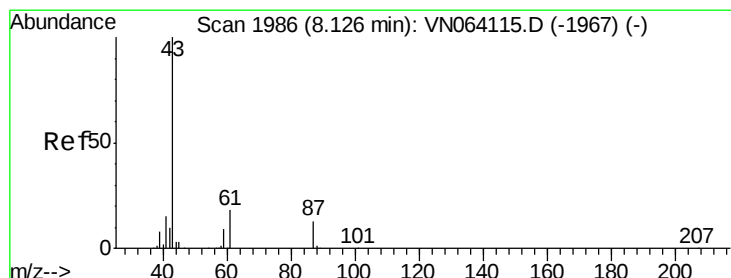
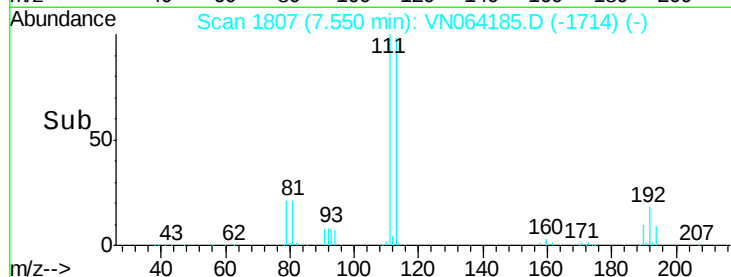
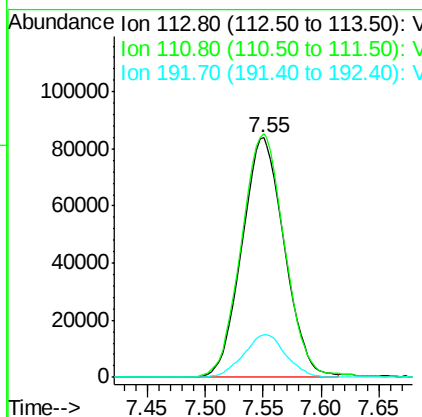
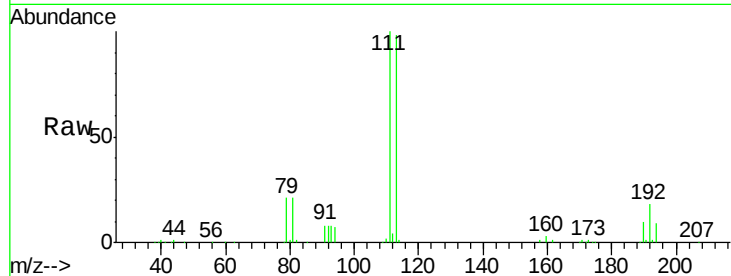
#35
 Dibromofluoromethane
 Concen: 47.822 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064185.D
 Acq: 16 Oct 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-101520

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.1	81.9	122.9	
192	17.7	14.3	21.5	

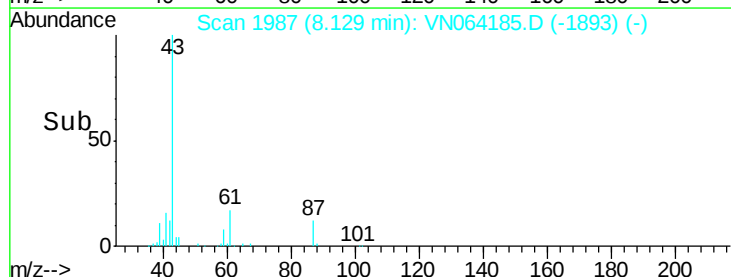
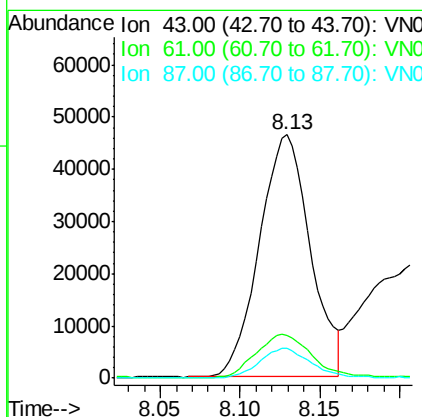
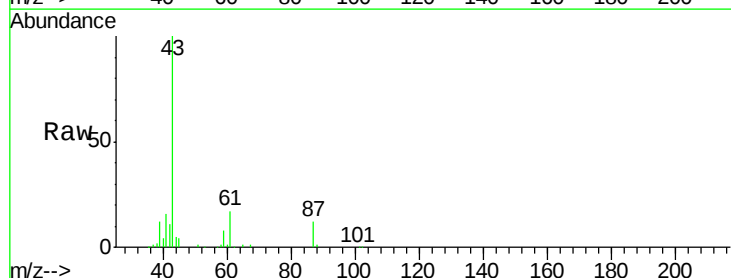
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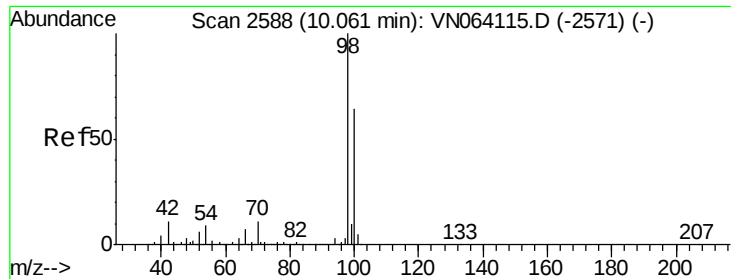
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#43
 Isopropyl Acetate
 Concen: 11.214 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064185.D
 Acq: 16 Oct 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	19.9	21.9	32.9#	
87	12.5	11.0	16.4	





#50

Toluene-d8

Concen: 49.646 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064185.D

Acq: 16 Oct 2020 23:28

Instrument :

MSVOA_N

ClientSampleId :

OR-03-101520

Tot Ion: 98 Resp: 837088

Ion Ratio Lower Upper

98 100

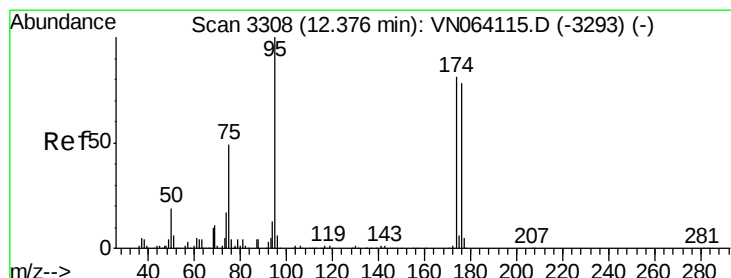
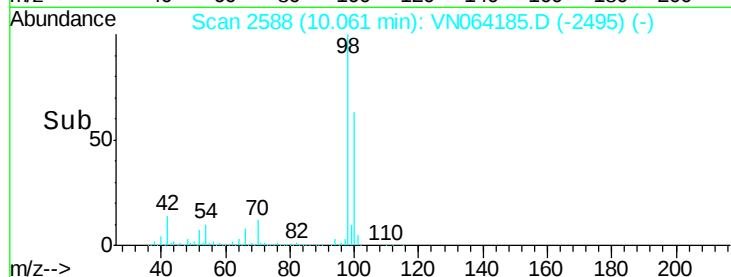
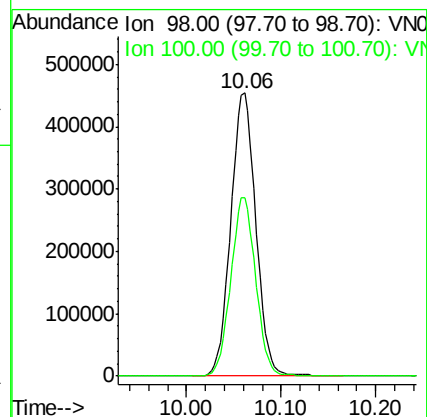
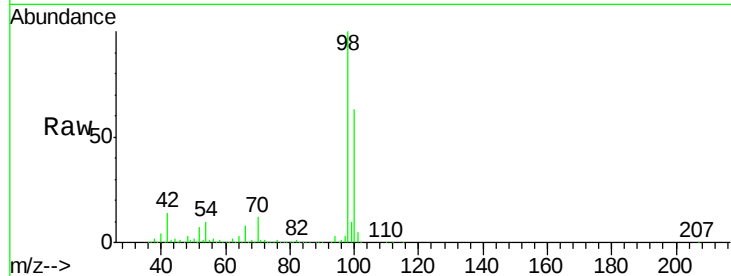
100 62.6 50.8 76.2

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#62

4-Bromofluorobenzene

Concen: 48.636 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064185.D

Acq: 16 Oct 2020 23:28

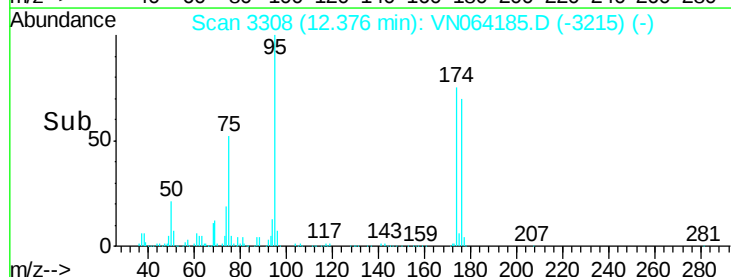
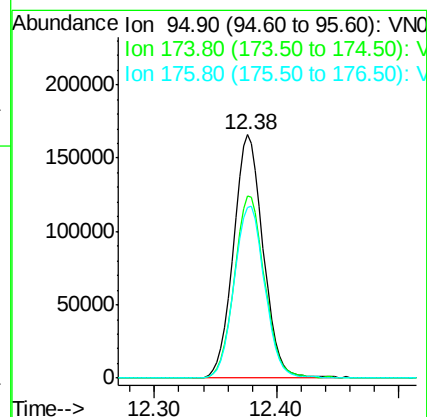
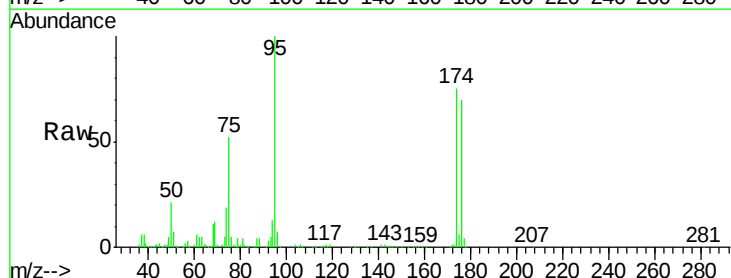
Tgt Ion: 95 Resp: 281871

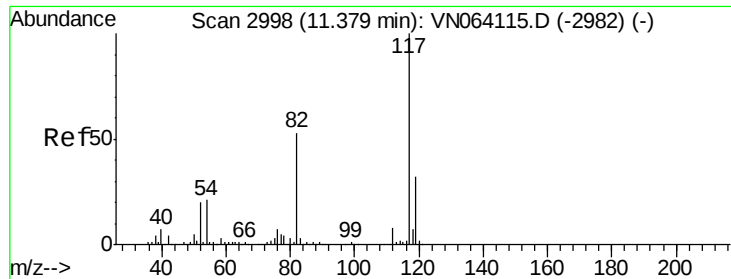
Ion Ratio Lower Upper

95 100

174 76.1 0.0 164.8

176 72.8 0.0 157.8





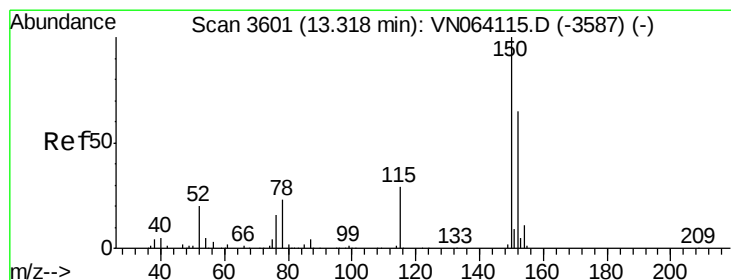
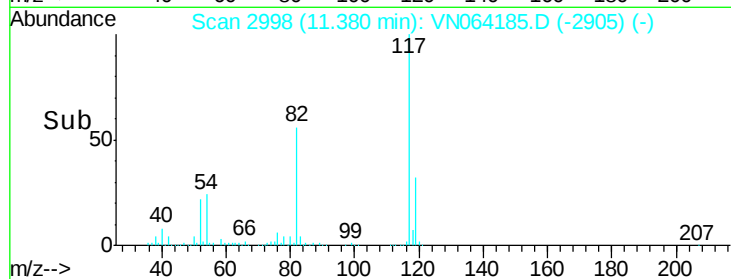
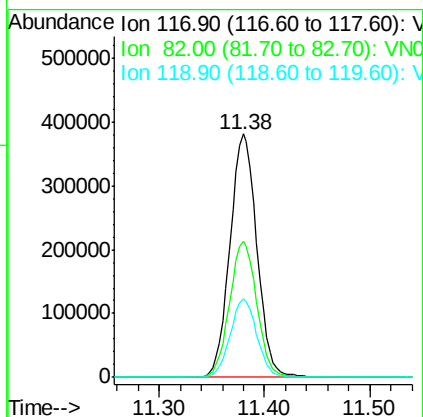
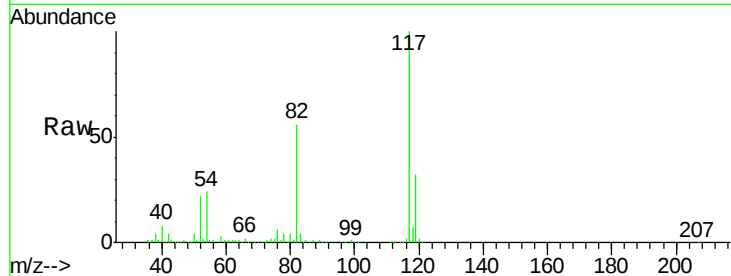
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064185.D
Acq: 16 Oct 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
OR-03-101520

Tot Ion	Ratio	Resp	Lower	Upper
117	100	671619		
82	55.7	42.6	63.8	
119	32.0	25.5	38.3	

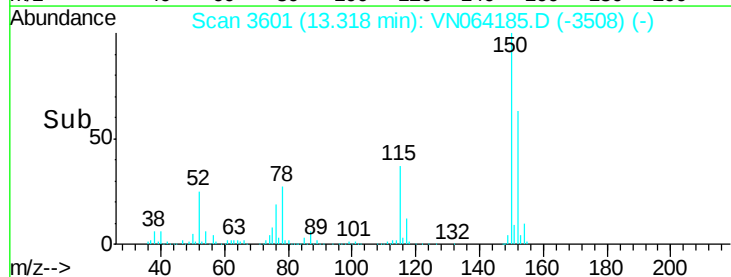
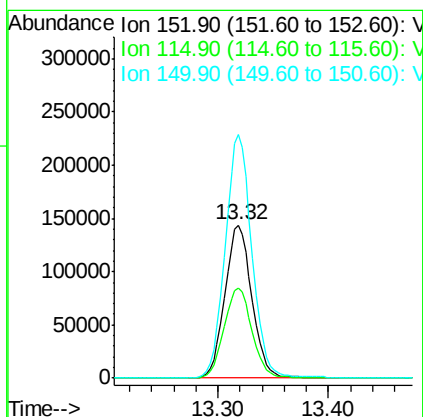
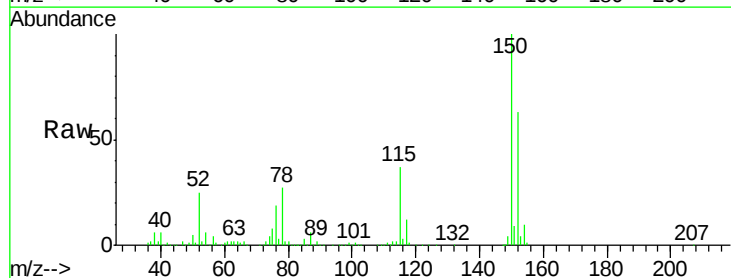
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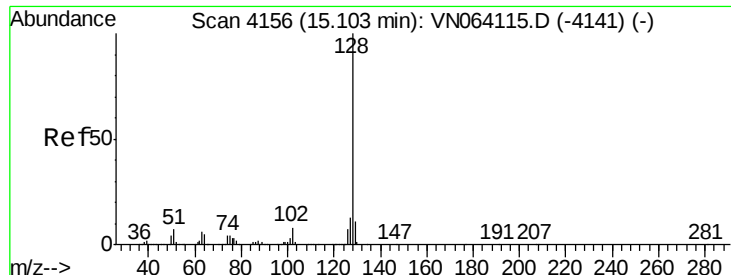
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064185.D
Acq: 16 Oct 2020 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	244206		
115	60.7	29.3	87.8	
150	157.0	0.0	346.0	





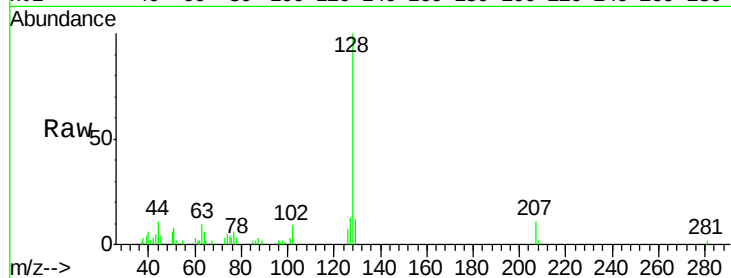
#95
Naphthalene
Concen: 5.799 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064185.D
Acq: 16 Oct 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
OR-03-101520

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.4
129	10.2	8.5	12.7

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

