

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083895.D
 Acq On : 14 Sep 2024 17:08
 Operator : JC\MD
 Sample : P3886-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-01-190-090624

Quant Time: Sep 16 01:37:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

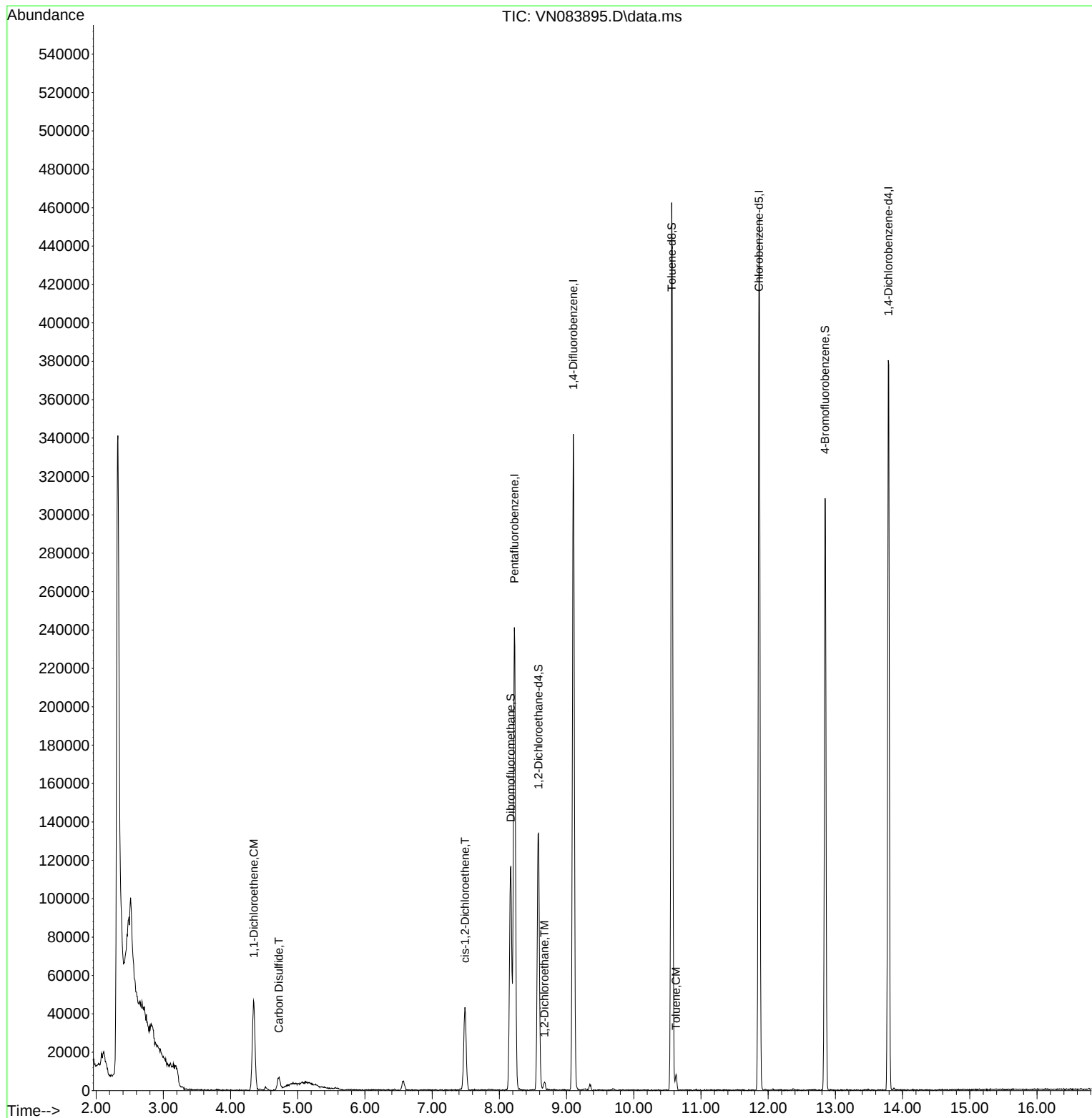
Internal Standards						
1) Pentafluorobenzene	8.224	168	163960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117247	47.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.840%
35) Dibromofluoromethane	8.171	113	84403	47.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	10.565	98	306617	49.795	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.847	95	103407	40.704	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	81.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.347	96	26485	14.935	ug/l	98
17) Carbon Disulfide	4.718	76	15904	3.206	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	24612	10.909	ug/l	90
42) 1,2-Dichloroethane	8.671	62	3906	1.295	ug/l	85
52) Toluene	10.629	92	3351	0.679	ug/l	88

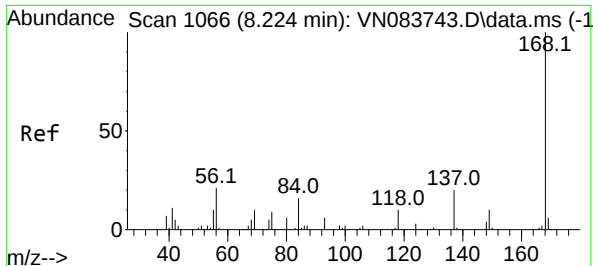
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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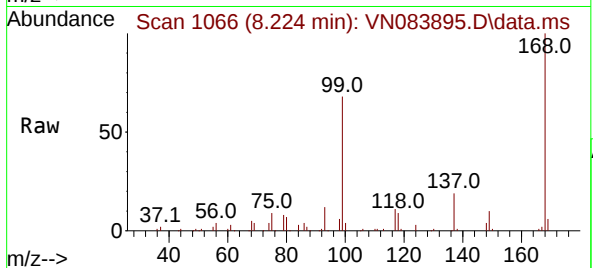
Quant Time: Sep 16 01:37:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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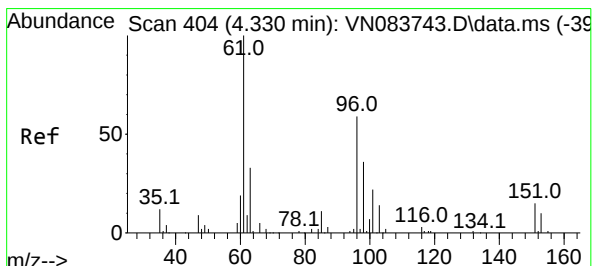
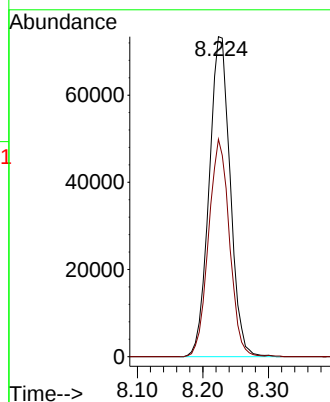
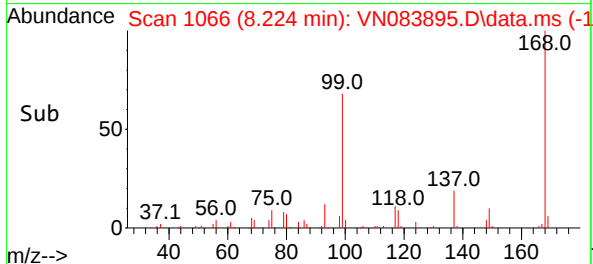


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083895.D
Acq: 14 Sep 2024 17:08

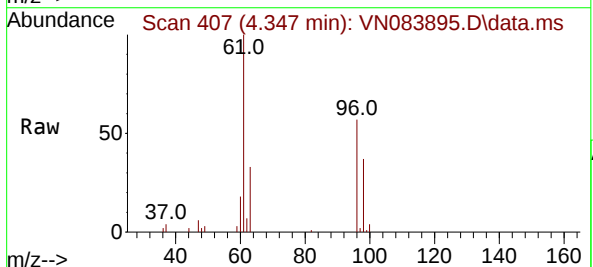
Instrument :
MSVOA_N
ClientSampleId :
BR-01-190-090624



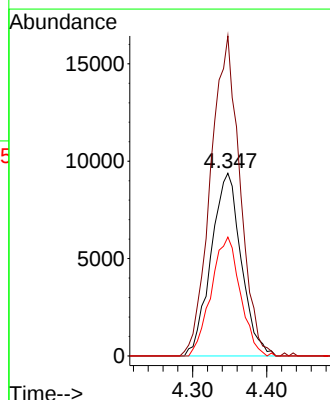
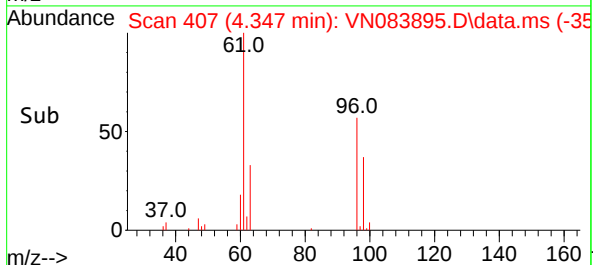
Tgt Ion:168 Resp: 163960
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2

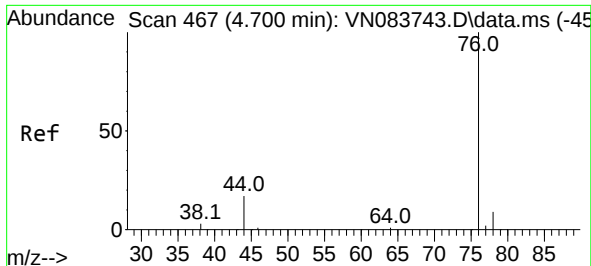


#12
1,1-Dichloroethene
Concen: 14.935 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN083895.D
Acq: 14 Sep 2024 17:08



Tgt Ion: 96 Resp: 26485
Ion Ratio Lower Upper
96 100
61 175.1 143.4 215.0
98 65.1 52.7 79.1





#17

Carbon Disulfide

Concen: 3.206 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN083895.D

Acq: 14 Sep 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

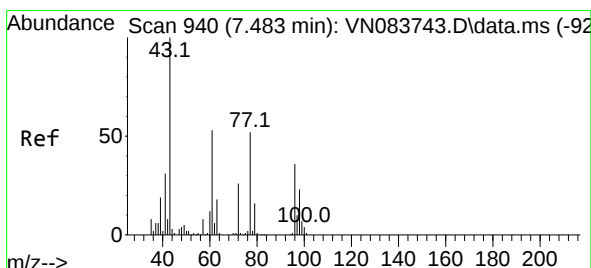
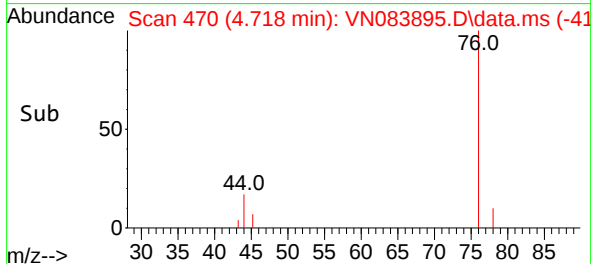
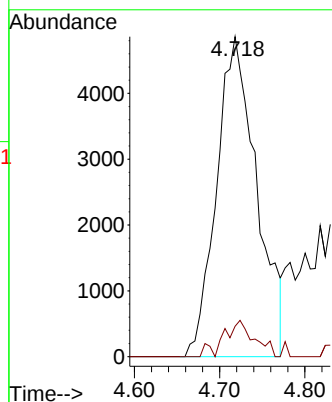
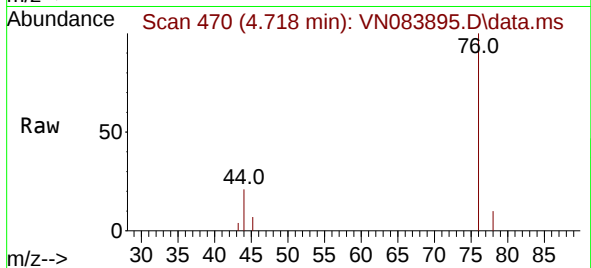
BR-01-190-090624

Tgt Ion: 76 Resp: 15904

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#27

cis-1,2-Dichloroethene

Concen: 10.909 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083895.D

Acq: 14 Sep 2024 17:08

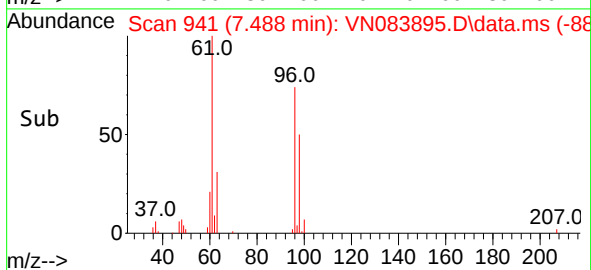
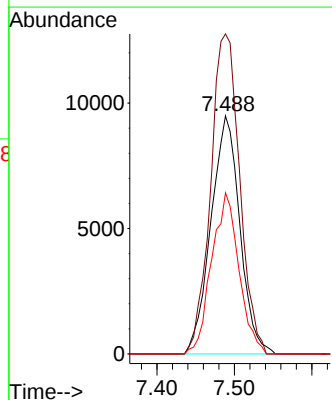
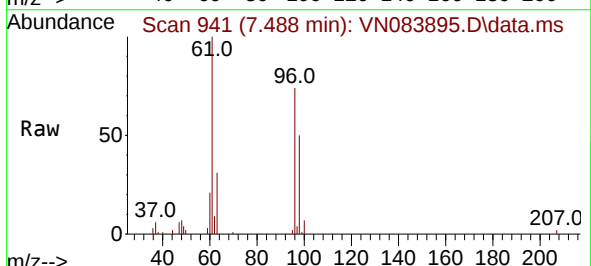
Tgt Ion: 96 Resp: 24612

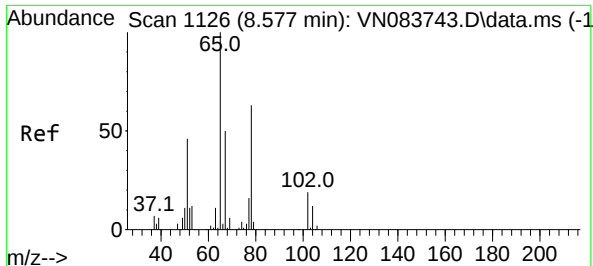
Ion Ratio Lower Upper

96 100

61 134.9 0.0 306.2

98 63.8 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 47.425 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN083895.D

Acq: 14 Sep 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

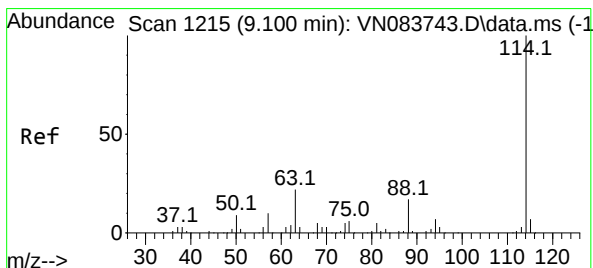
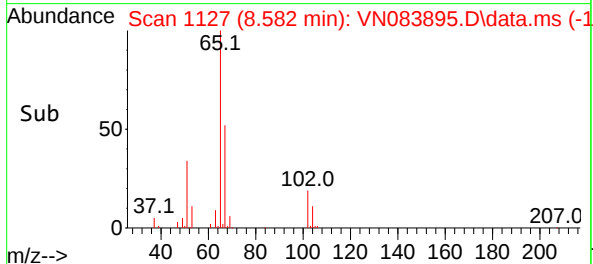
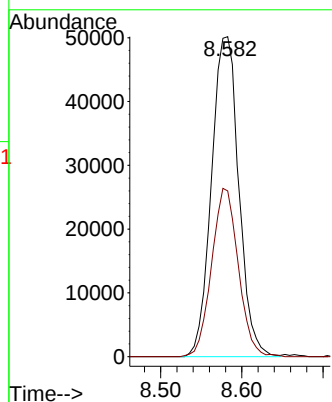
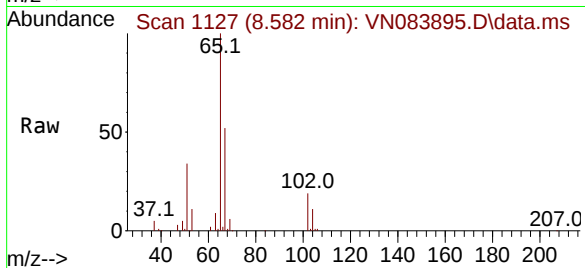
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Tgt Ion: 65 Resp: 117247

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083895.D

Acq: 14 Sep 2024 17:08

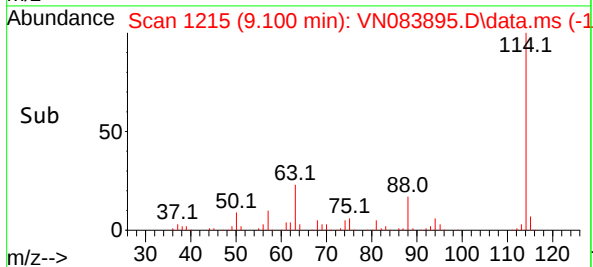
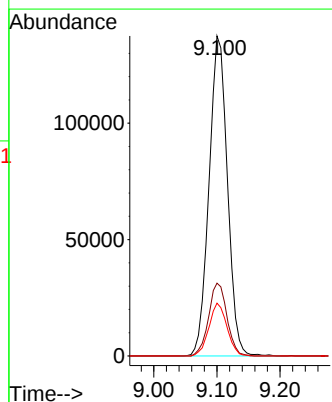
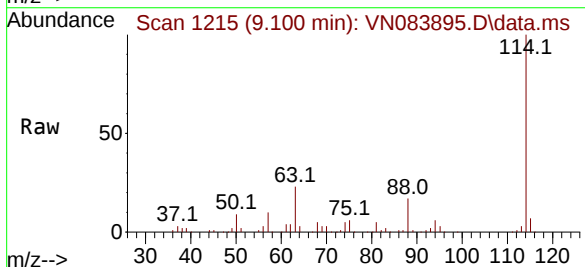
Tgt Ion: 114 Resp: 278225

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.387 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083895.D

Acq: 14 Sep 2024 17:08

Instrument :

MSVOA_N

ClientSampleId :

BR-01-190-090624

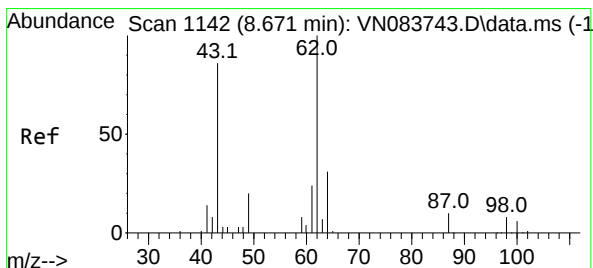
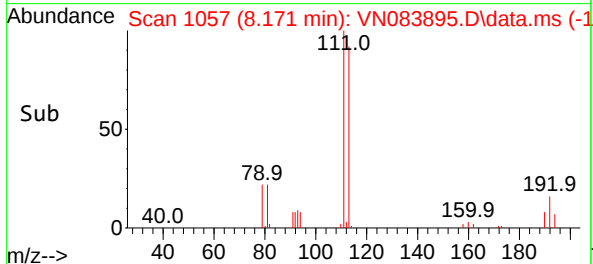
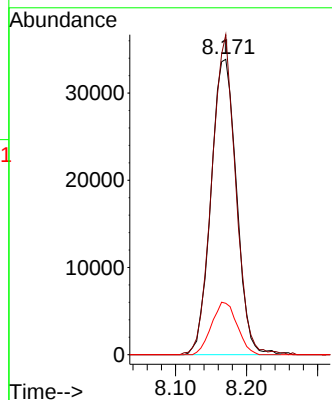
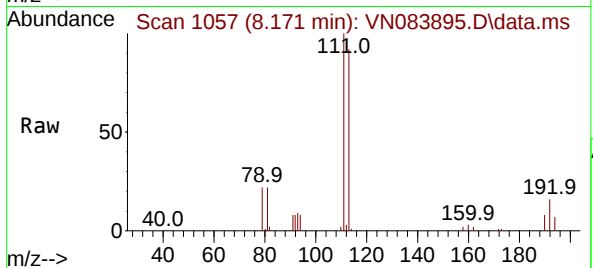
Tgt Ion:113 Resp: 84403

Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 17.8 14.3 21.5



#42

1,2-Dichloroethane

Concen: 1.295 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN083895.D

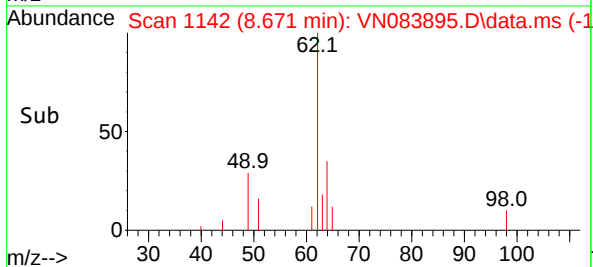
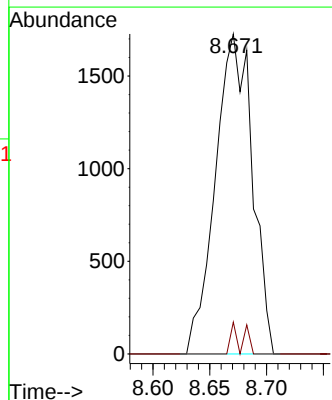
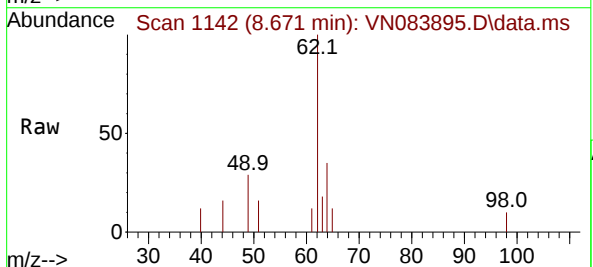
Acq: 14 Sep 2024 17:08

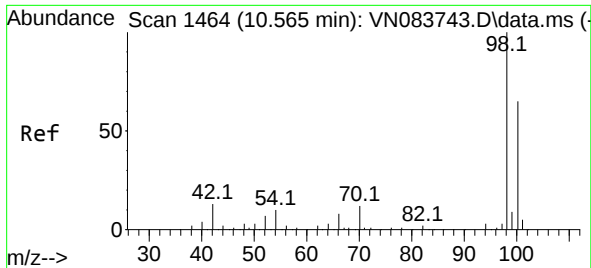
Tgt Ion: 62 Resp: 3906

Ion Ratio Lower Upper

62 100

98 3.0 0.0 16.6

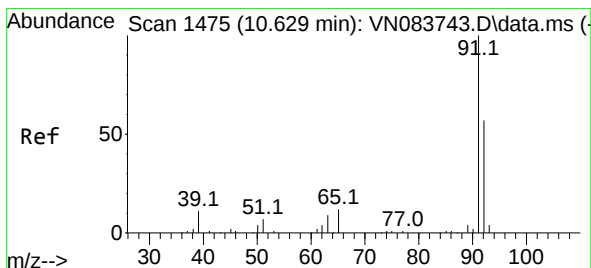
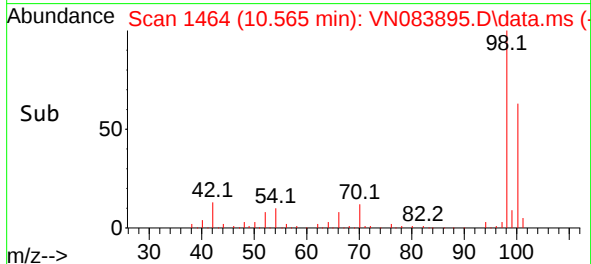
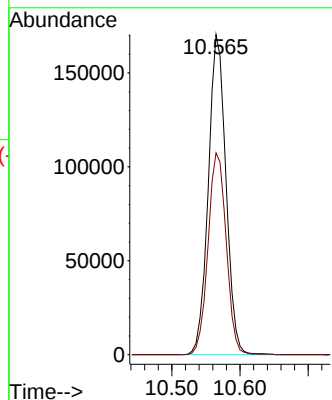
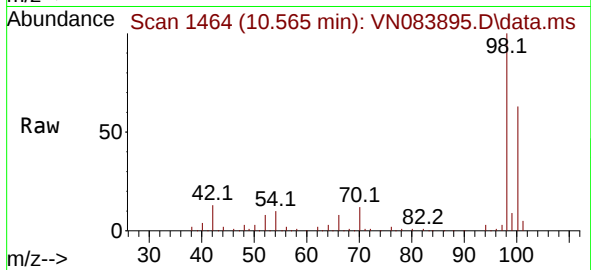




#50
Toluene-d8
Concen: 49.795 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083895.D
Acq: 14 Sep 2024 17:08

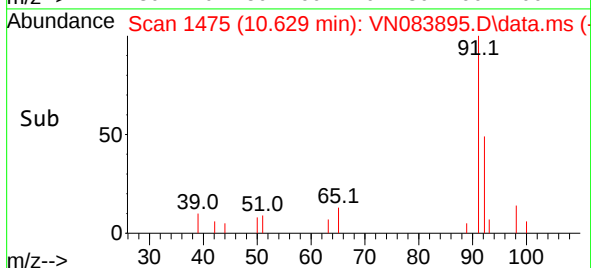
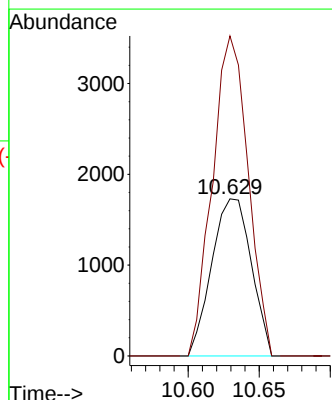
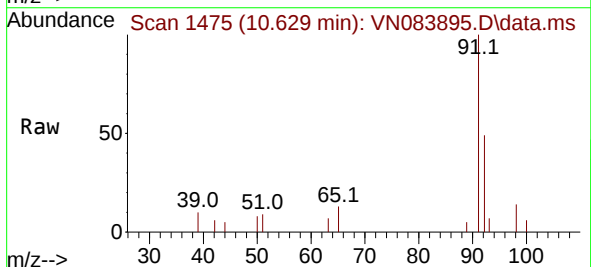
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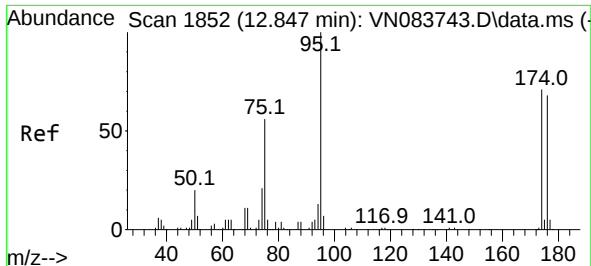
Tgt Ion: 98 Resp: 306617
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#52
Toluene
Concen: 0.679 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083895.D
Acq: 14 Sep 2024 17:08

Tgt Ion: 92 Resp: 3351
Ion Ratio Lower Upper
92 100
91 184.2 134.7 202.1

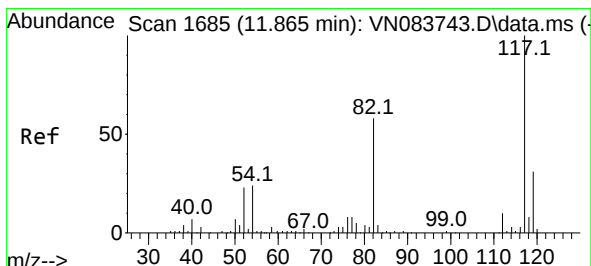
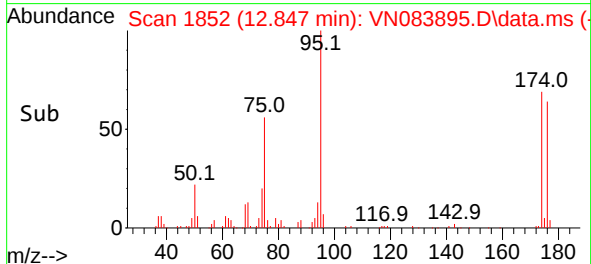
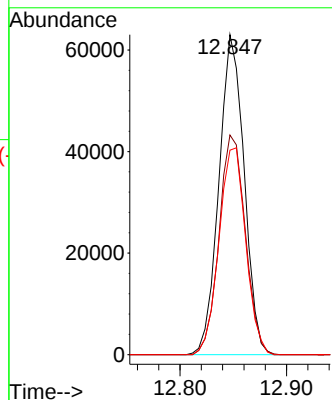
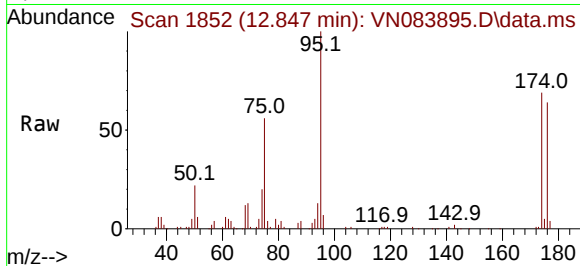




#62
4-Bromofluorobenzene
Concen: 40.704 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083895.D
Acq: 14 Sep 2024 17:08

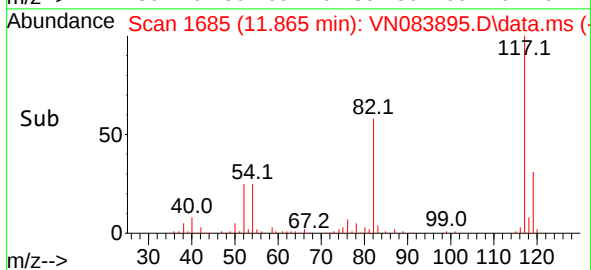
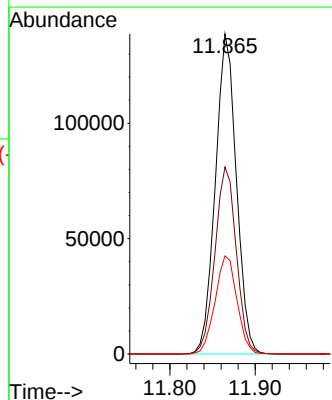
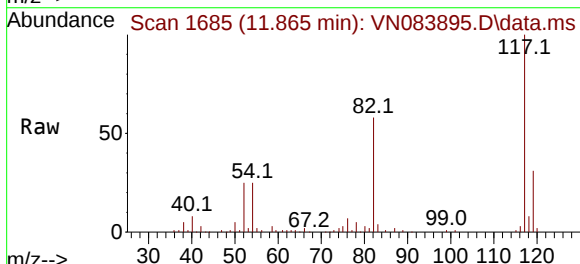
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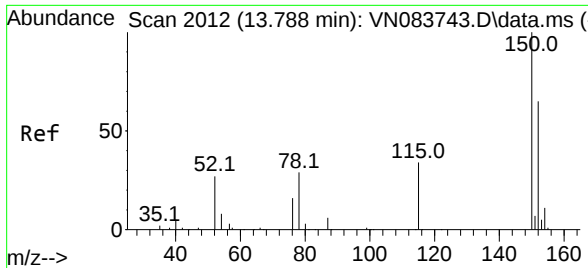
Tgt Ion: 95 Resp: 103407
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083895.D
Acq: 14 Sep 2024 17:08

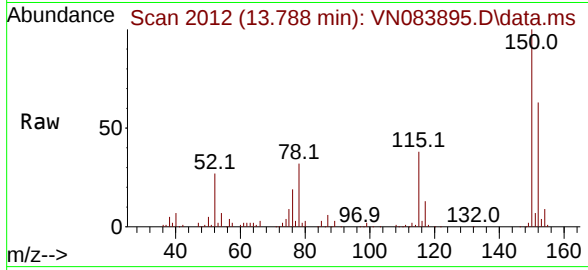
Tgt Ion: 117 Resp: 237857
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 30.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083895.D
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Instrument :
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Tgt Ion:	152	Resp:	98322
Ion Ratio	Lower	Upper	
152	100		
115	62.4	32.2	96.6
150	155.2	0.0	348.6

