

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083628.D
 Acq On : 03 Sep 2024 16:45
 Operator : JC\MD
 Sample : PB163072ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163072ZHE#03

Quant Time: Sep 04 02:59:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

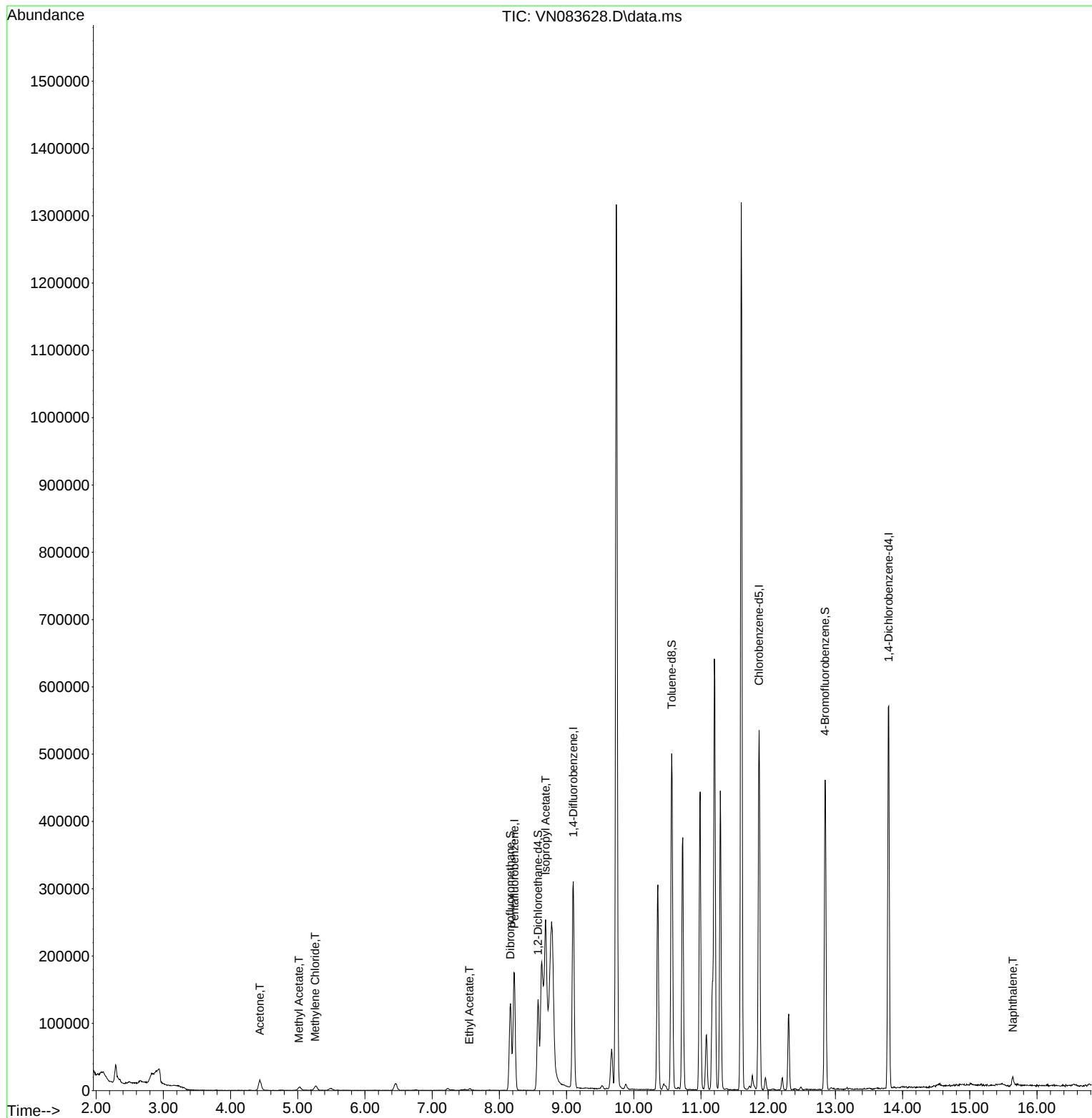
Internal Standards						
1) Pentafluorobenzene	8.224	168	120720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114410	67.811	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 135.620%#		
35) Dibromofluoromethane	8.165	113	92046	59.121	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 118.240%		
50) Toluene-d8	10.565	98	340222	55.914	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 111.820%		
62) 4-Bromofluorobenzene	12.847	95	166290	74.039	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 148.080%#		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	25337	37.658	ug/l	98
18) Methyl Acetate	5.018	43	10382	5.802	ug/l	97
20) Methylene Chloride	5.259	84	5255	3.537	ug/l	88
37) Ethyl Acetate	7.553	43	4256	1.801	ug/l #	89
43) Isopropyl Acetate	8.688	43	307005	65.087	ug/l #	77
95) Naphthalene	15.641	128	12854	1.347	ug/l #	94

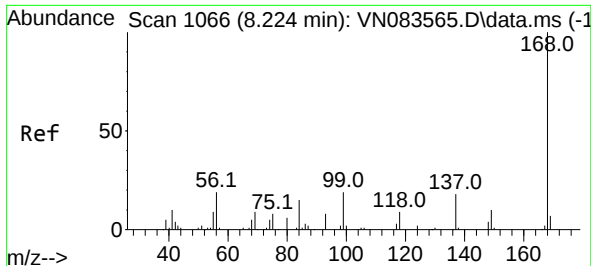
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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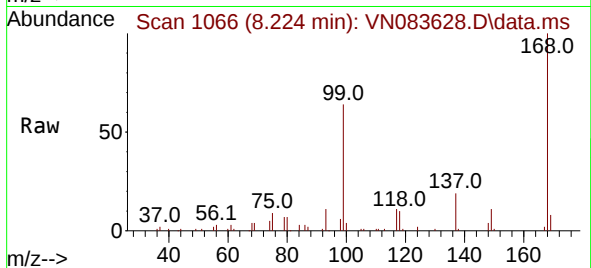
Quant Time: Sep 04 02:59:01 2024
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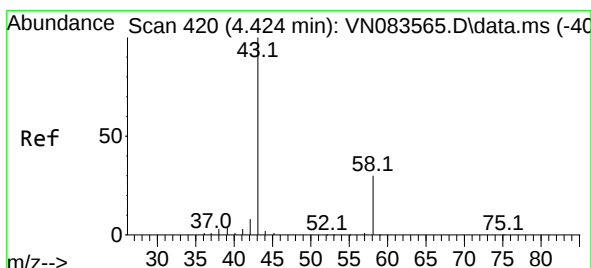
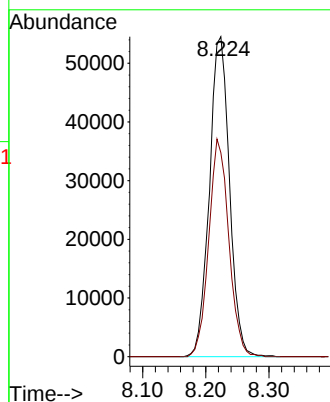
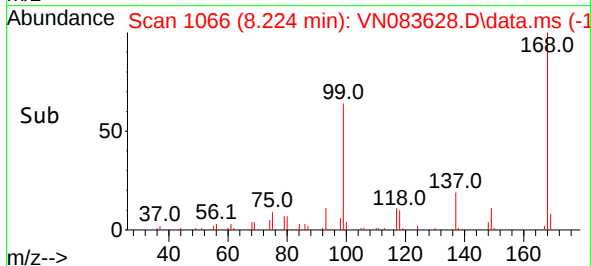


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
PB163072ZHE#03

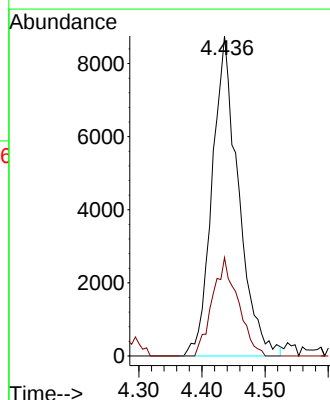
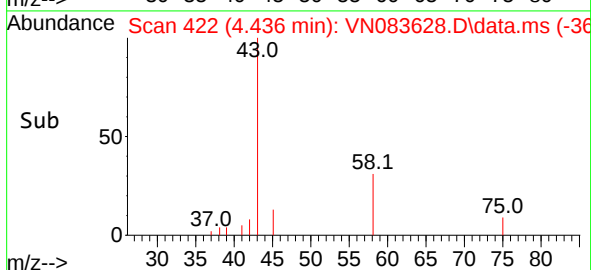
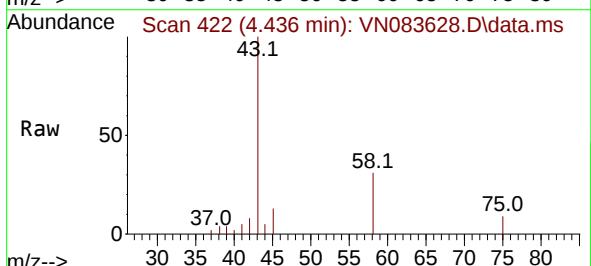


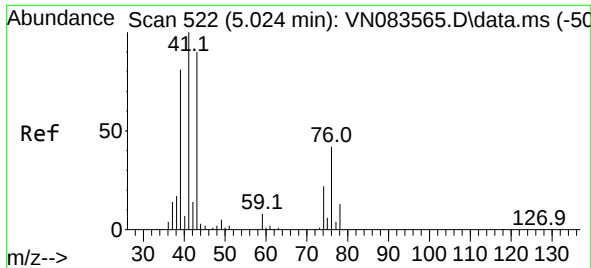
Tgt Ion:168 Resp: 120720
Ion Ratio Lower Upper
168 100
99 63.8 54.2 81.2



#16
Acetone
Concen: 37.658 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

Tgt Ion: 43 Resp: 25337
Ion Ratio Lower Upper
43 100
58 30.7 23.7 35.5

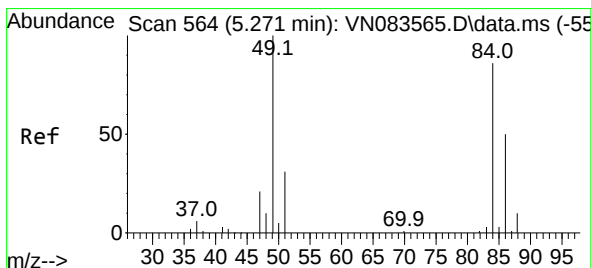
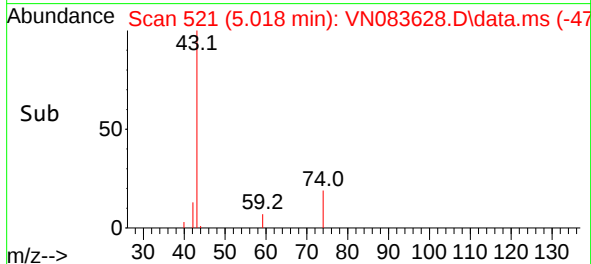
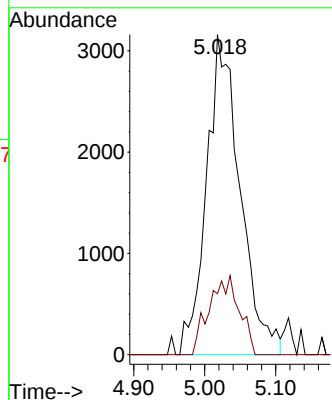
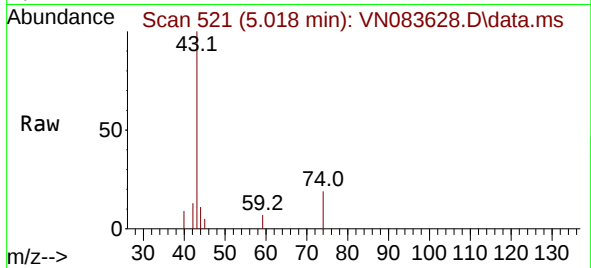




#18
Methyl Acetate
Concen: 5.802 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

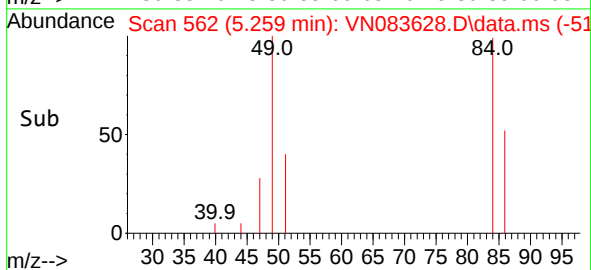
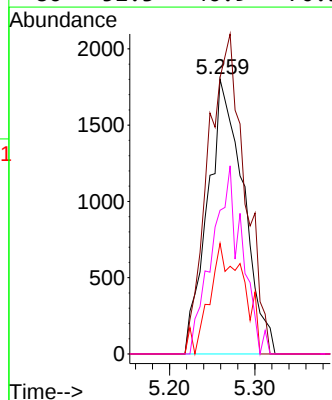
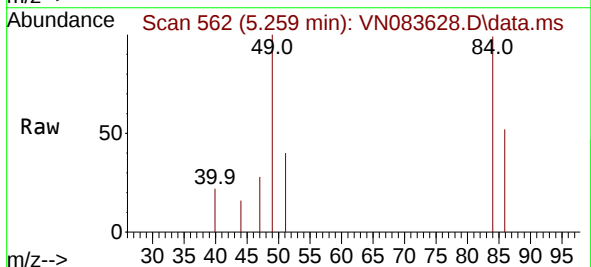
Instrument :
MSVOA_N
ClientSampleId :
PB163072ZHE#03

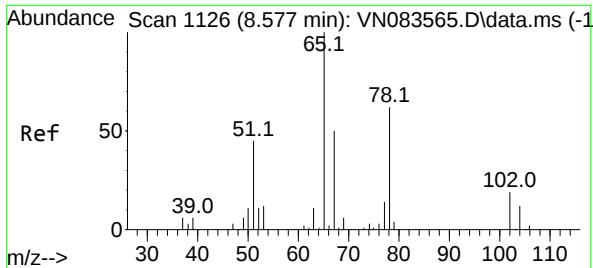
Tgt Ion: 43 Resp: 10382
Ion Ratio Lower Upper
43 100
74 22.1 19.0 28.4



#20
Methylene Chloride
Concen: 3.537 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

Tgt Ion: 84 Resp: 5255
Ion Ratio Lower Upper
84 100
49 100.6 93.4 140.0
51 40.3 29.2 43.8
86 52.3 46.9 70.3

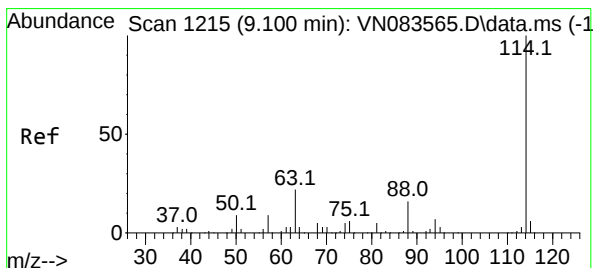
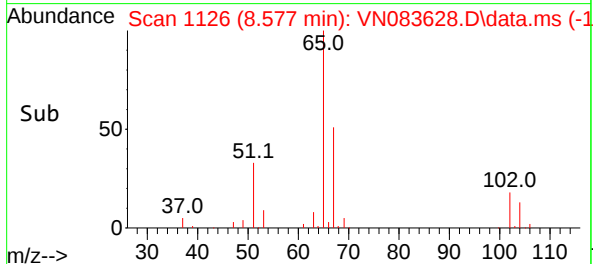
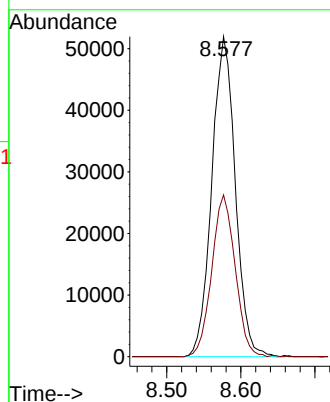
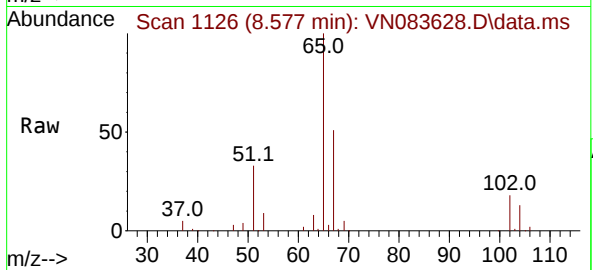




#33
 1,2-Dichloroethane-d4
 Concen: 67.811 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083628.D
 Acq: 03 Sep 2024 16:45

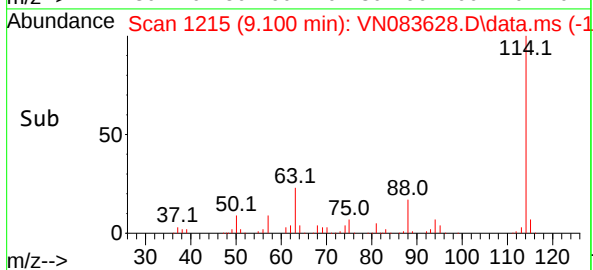
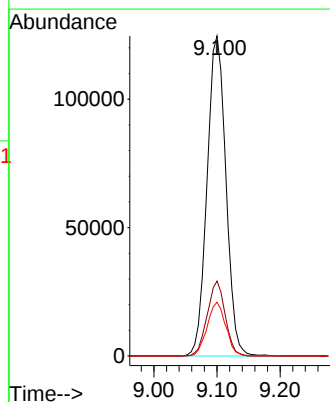
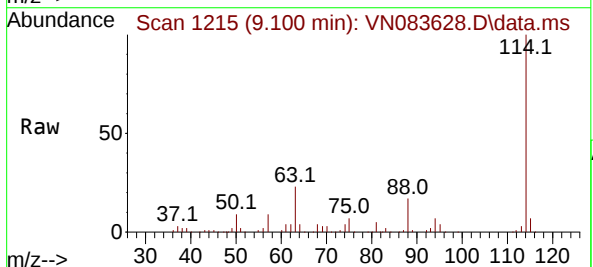
Instrument :
 MSVOA_N
 ClientSampleId :
 PB163072ZHE#03

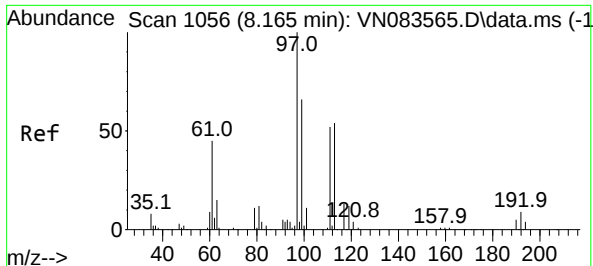
Tgt Ion: 65 Resp: 114410
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083628.D
 Acq: 03 Sep 2024 16:45

Tgt Ion: 114 Resp: 258677
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 43.4
 88 16.8 0.0 32.6

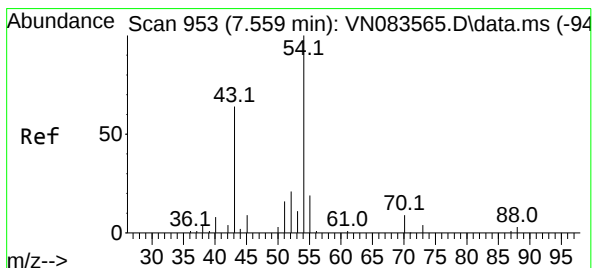
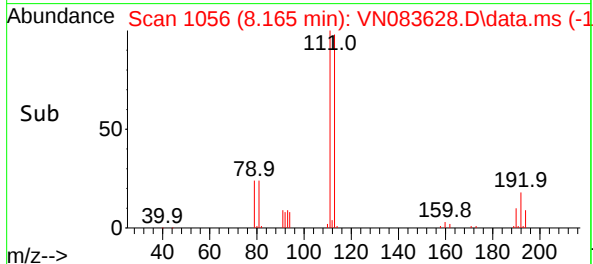
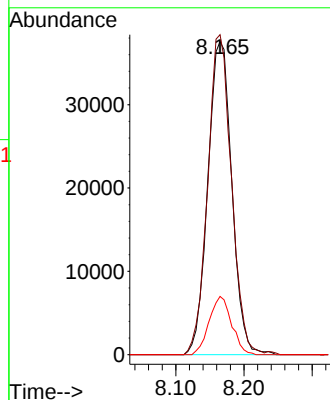
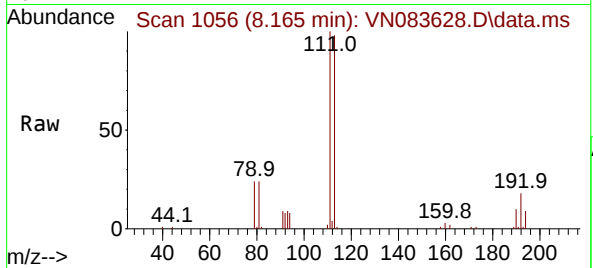




#35
Dibromofluoromethane
Concen: 59.121 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

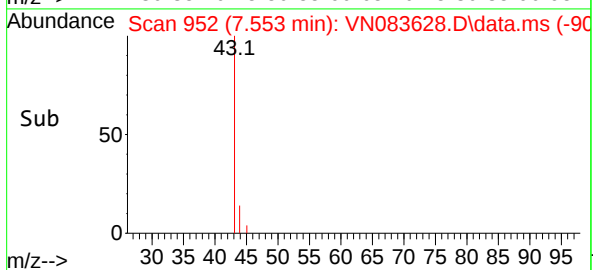
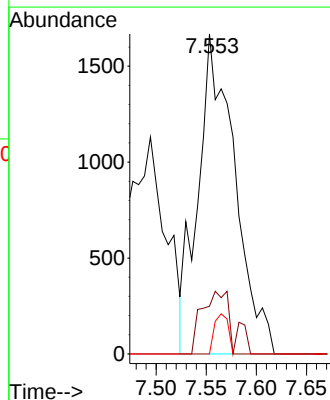
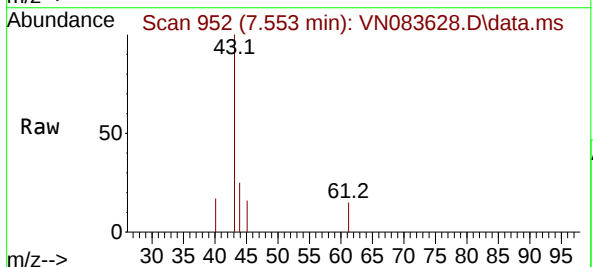
Instrument :
MSVOA_N
ClientSampleId :
PB163072ZHE#03

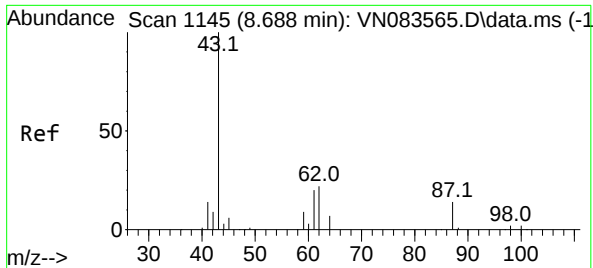
Tgt Ion:113 Resp: 92046
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 17.4 14.3 21.5



#37
Ethyl Acetate
Concen: 1.801 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

Tgt Ion: 43 Resp: 4256
Ion Ratio Lower Upper
43 100
61 16.4 11.1 16.7
70 4.7 8.8 13.2#

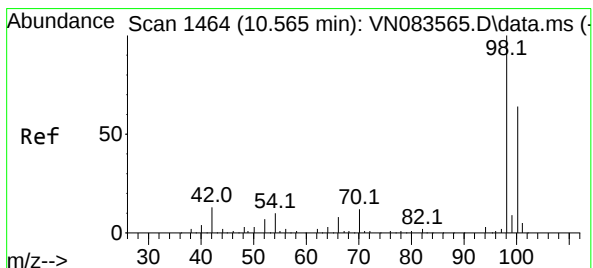
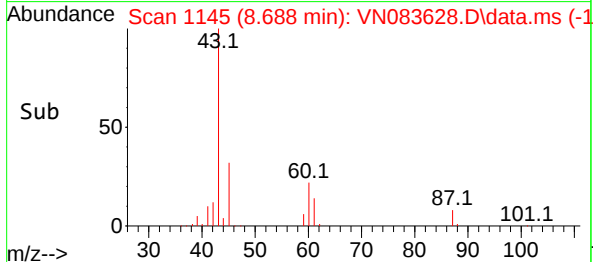
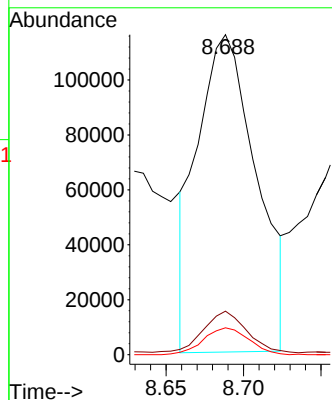
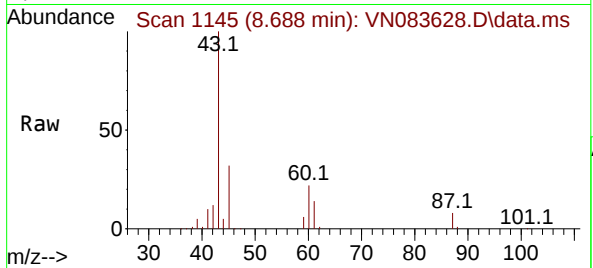




#43
Isopropyl Acetate
Concen: 65.087 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

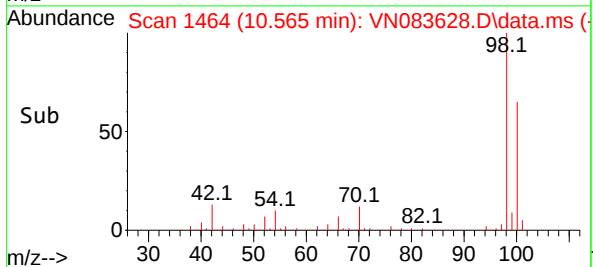
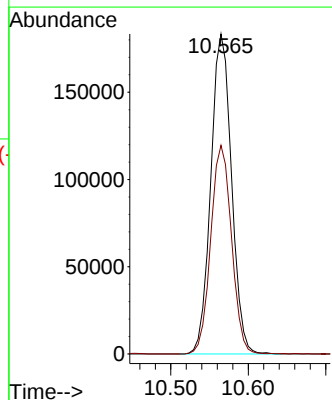
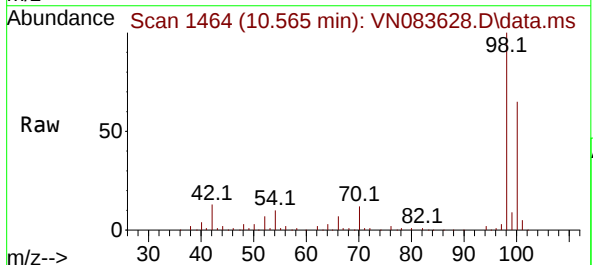
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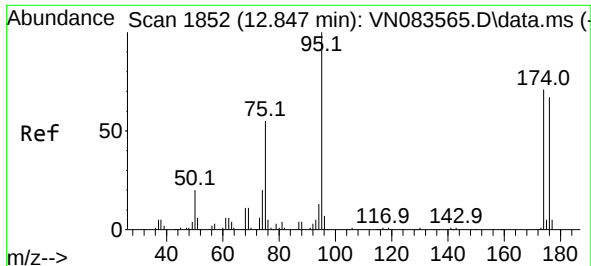
Tgt Ion: 43 Resp: 307005
Ion Ratio Lower Upper
43 100
61 10.8 19.4 29.0#
87 6.5 9.8 14.6#



#50
Toluene-d8
Concen: 55.914 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

Tgt Ion: 98 Resp: 340222
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

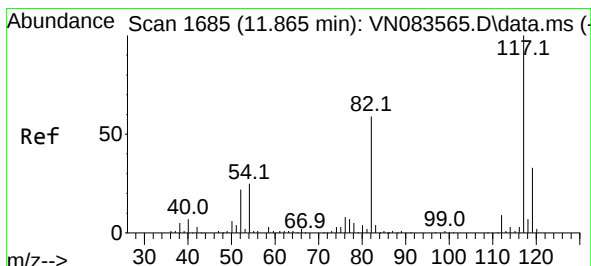
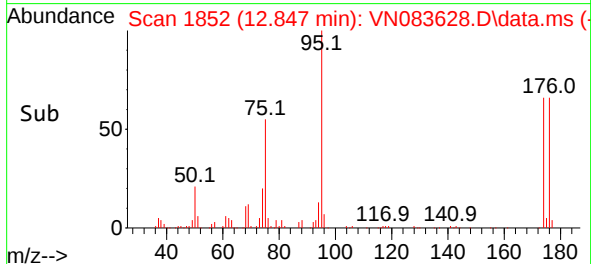
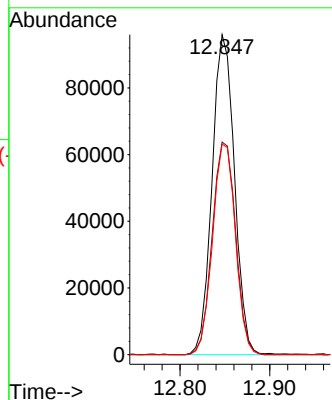
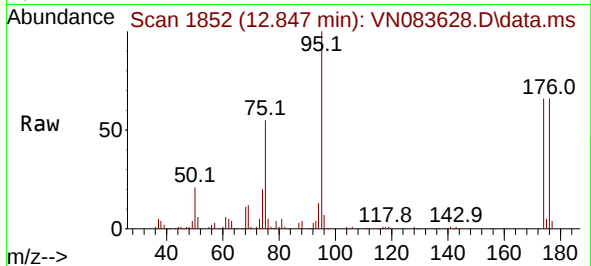




#62
4-Bromofluorobenzene
Concen: 74.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

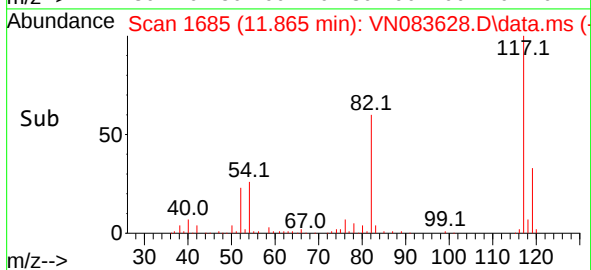
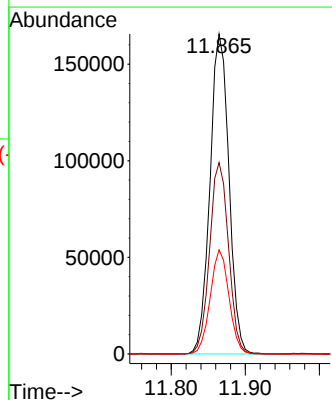
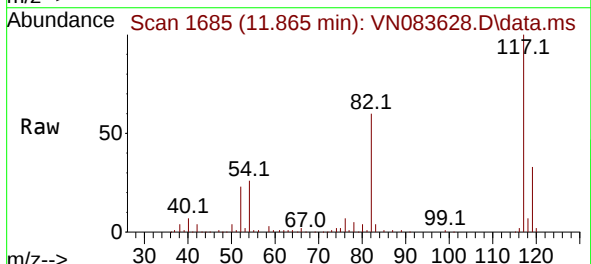
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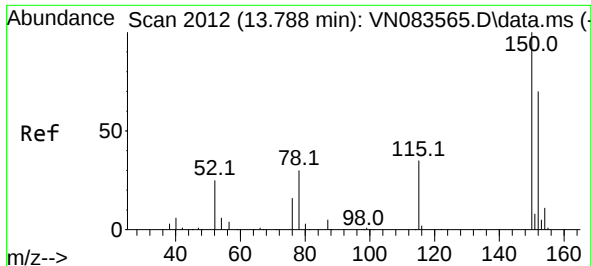
Tgt Ion: 95 Resp: 166290
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083628.D
Acq: 03 Sep 2024 16:45

Tgt Ion: 117 Resp: 294391
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN083628.D

Acq: 03 Sep 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB163072ZHE#03

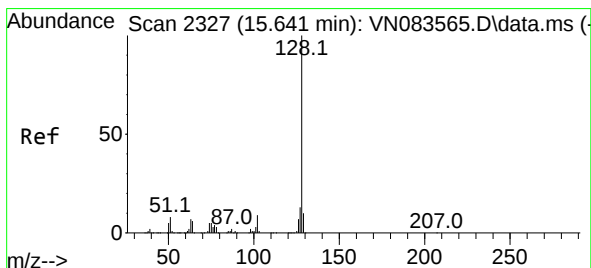
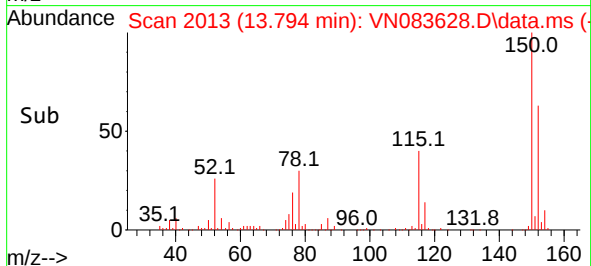
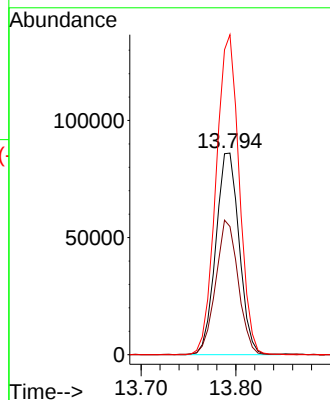
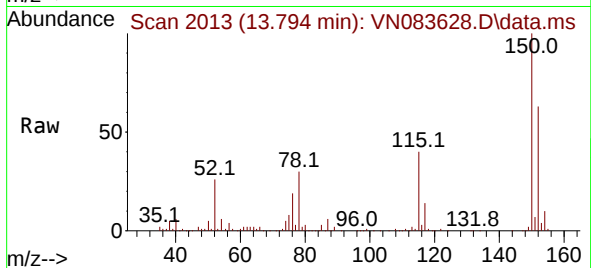
Tgt Ion:152 Resp: 147538

Ion Ratio Lower Upper

152 100

115 64.7 32.2 96.6

150 157.2 0.0 348.6



#95

Naphthalene

Concen: 1.347 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083628.D

Acq: 03 Sep 2024 16:45

Tgt Ion:128 Resp: 12854

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 16.0 8.7 13.1#

