

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083632.D
 Acq On : 03 Sep 2024 18:21
 Operator : JC\MD
 Sample : PB163072TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163072TB

Quant Time: Sep 04 03:00:40 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)

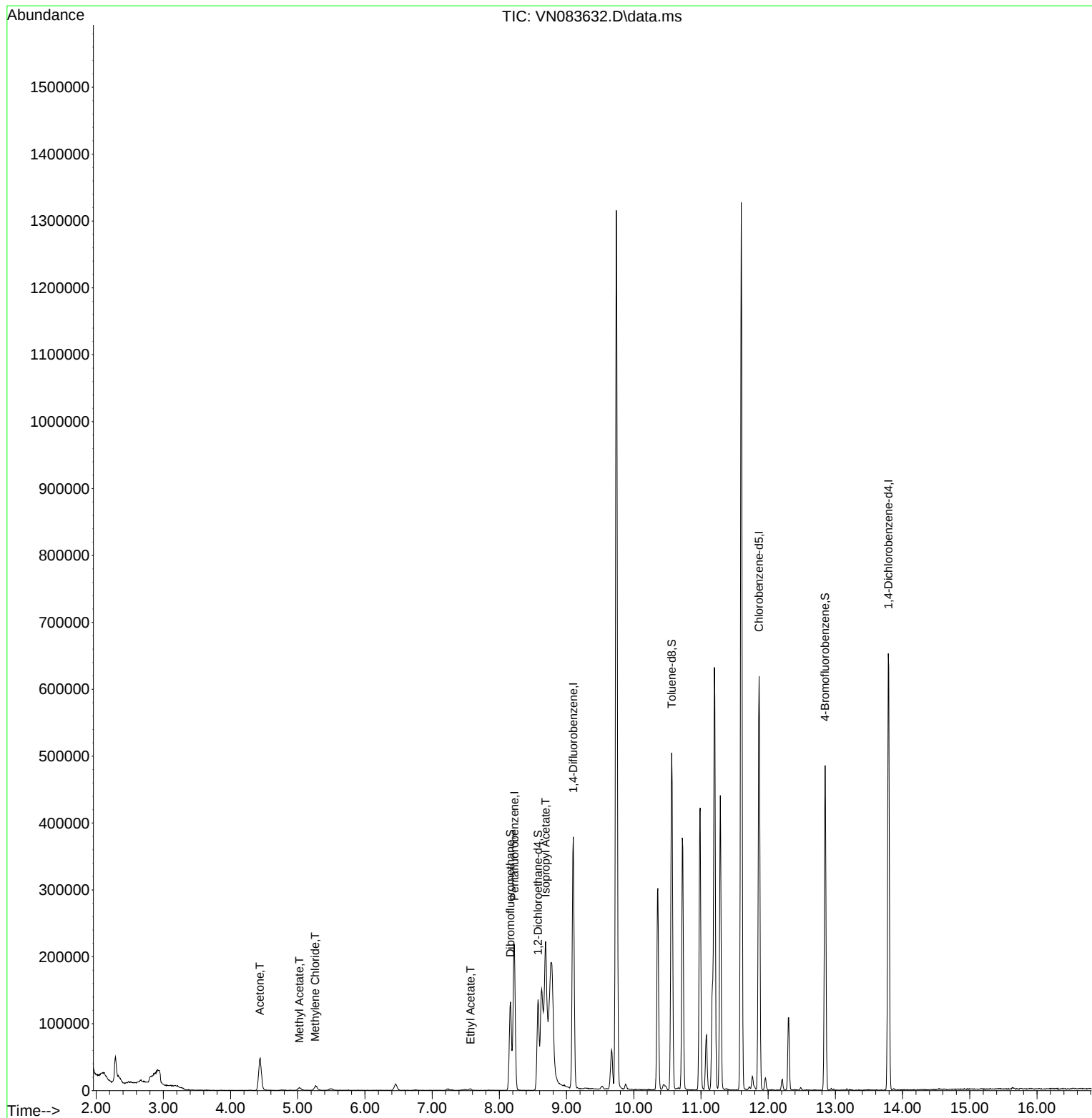
Internal Standards						
1) Pentafluorobenzene	8.224	168	150851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	169433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117610	55.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.560%			
35) Dibromofluoromethane	8.165	113	92573	49.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.480%			
50) Toluene-d8	10.565	98	342667	47.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.580%			
62) 4-Bromofluorobenzene	12.847	95	166944	62.184	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 124.360%#			
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	24275	28.873	ug/l #	85
18) Methyl Acetate	5.024	43	8172	3.655	ug/l	96
20) Methylene Chloride	5.259	84	5548	2.988	ug/l #	87
37) Ethyl Acetate	7.571	43	3904	1.382	ug/l #	93
43) Isopropyl Acetate	8.688	43	286927	50.626	ug/l #	78

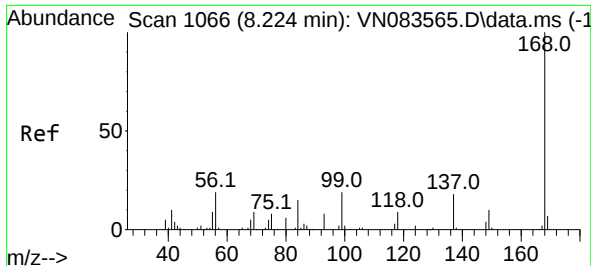
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

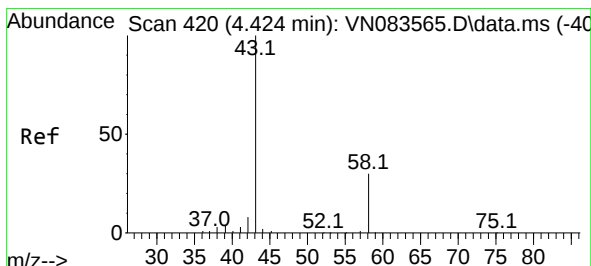
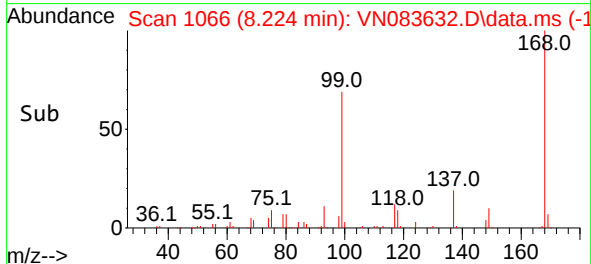
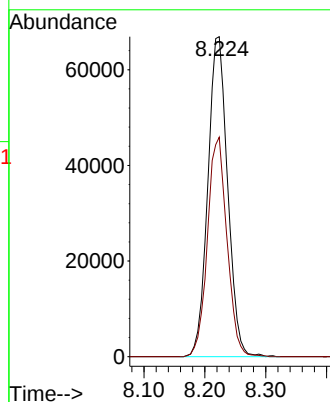
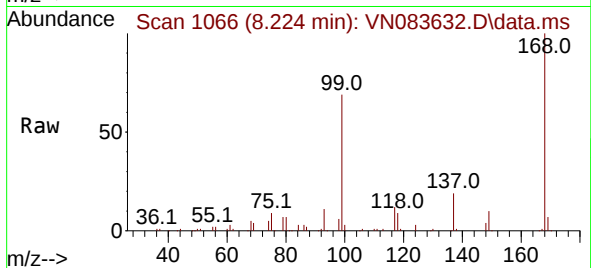




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

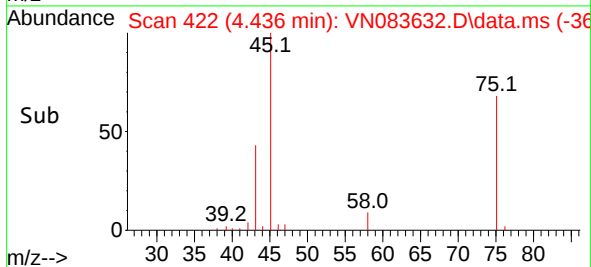
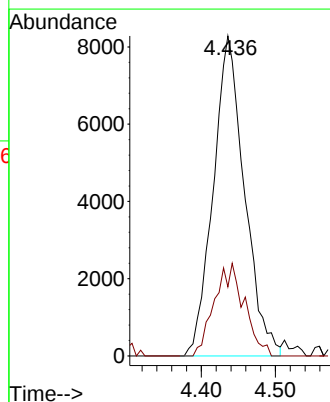
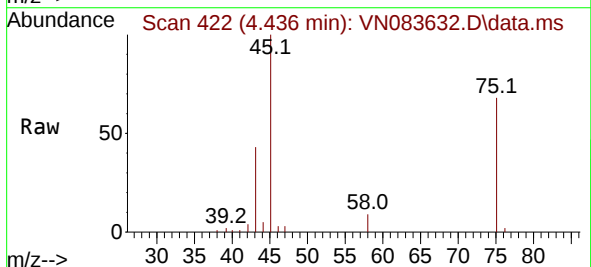
Instrument :
MSVOA_N
ClientSampleId :
PB163072TB

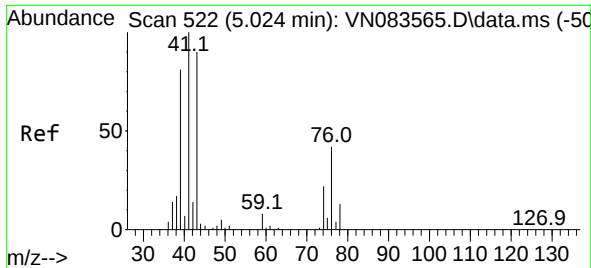
Tgt Ion:168 Resp: 150851
Ion Ratio Lower Upper
168 100
99 68.6 54.2 81.2



#16
Acetone
Concen: 28.873 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

Tgt Ion: 43 Resp: 24275
Ion Ratio Lower Upper
43 100
58 21.6 23.7 35.5#

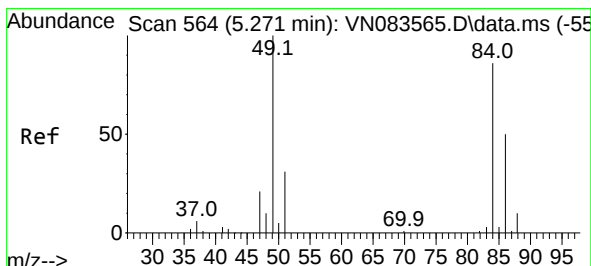
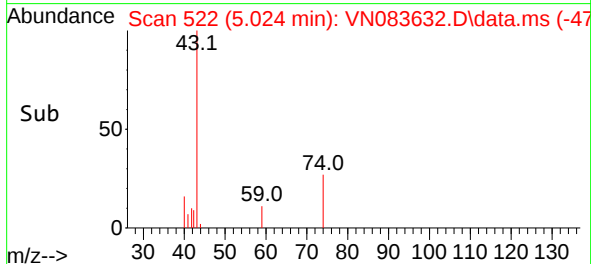
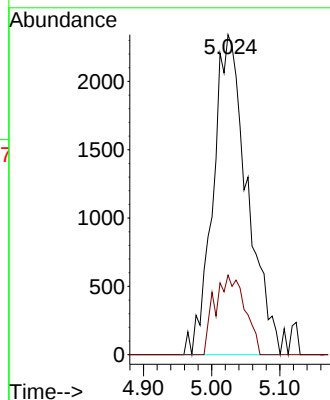
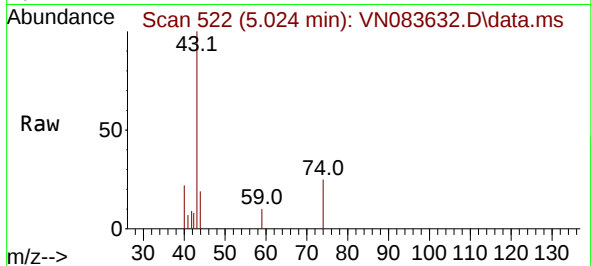




#18
Methyl Acetate
Concen: 3.655 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

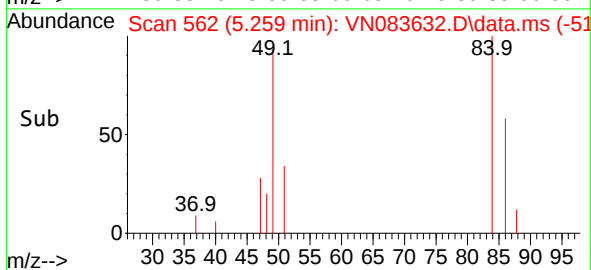
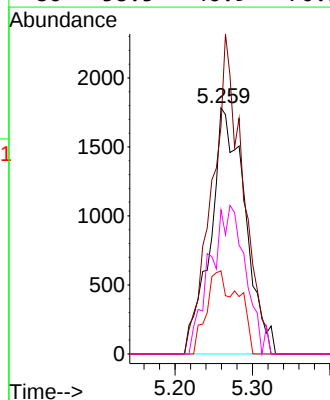
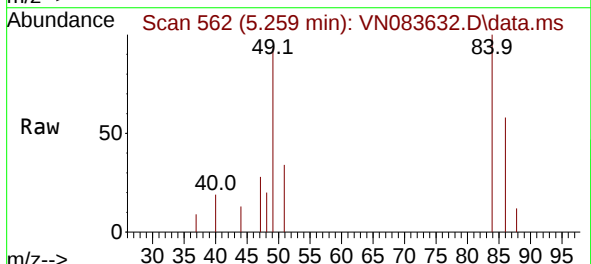
Instrument :
MSVOA_N
ClientSampleId :
PB163072TB

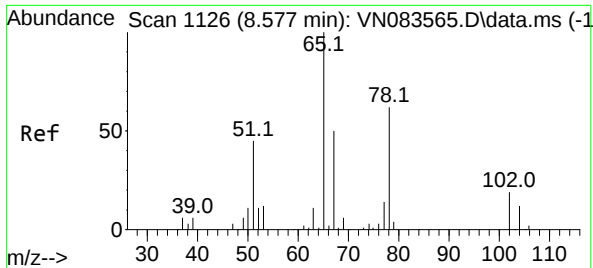
Tgt Ion: 43 Resp: 8172
Ion Ratio Lower Upper
43 100
74 21.9 19.0 28.4



#20
Methylene Chloride
Concen: 2.988 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

Tgt Ion: 84 Resp: 5548
Ion Ratio Lower Upper
84 100
49 92.5 93.4 140.0#
51 33.8 29.2 43.8
86 58.5 46.9 70.3

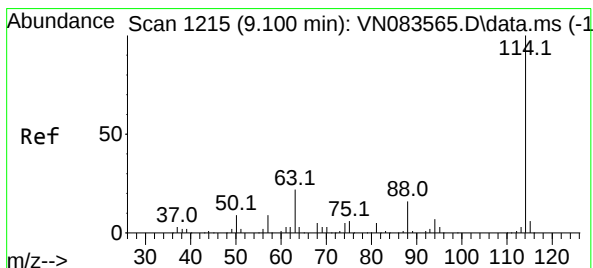
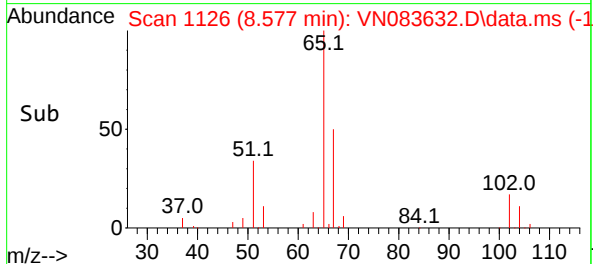
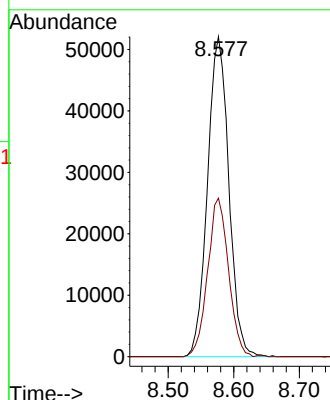
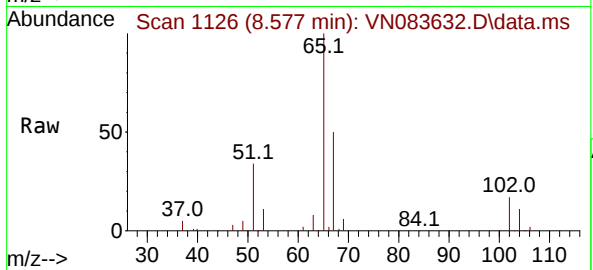




#33
 1,2-Dichloroethane-d4
 Concen: 55.785 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083632.D
 Acq: 03 Sep 2024 18:21

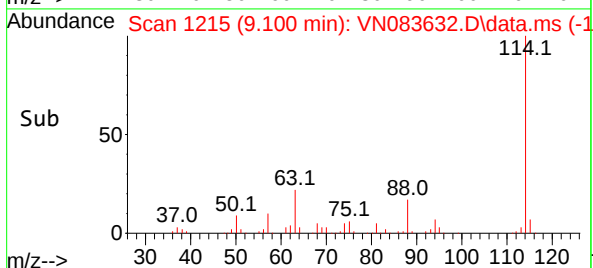
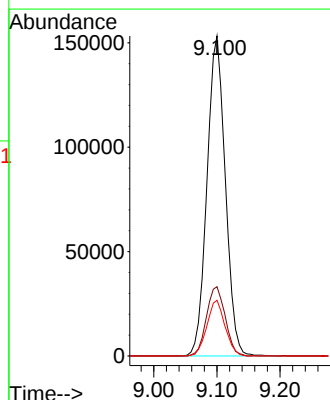
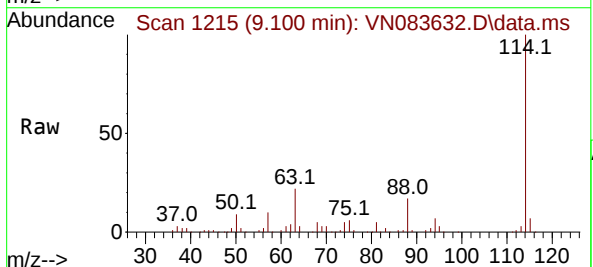
Instrument :
 MSVOA_N
 ClientSampleId :
 PB163072TB

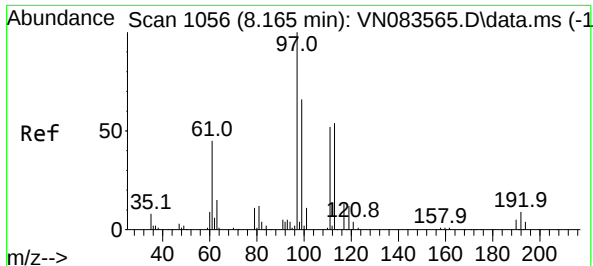
Tgt Ion: 65 Resp: 117610
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083632.D
 Acq: 03 Sep 2024 18:21

Tgt Ion: 114 Resp: 309206
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 17.4 0.0 32.6

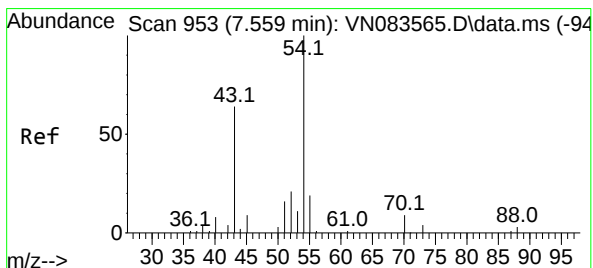
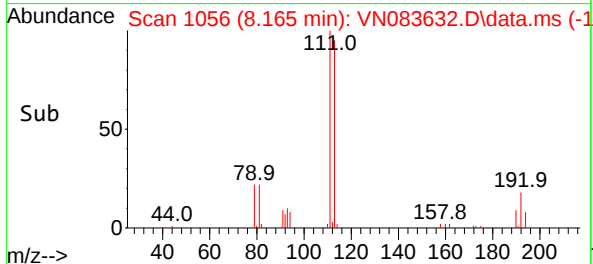
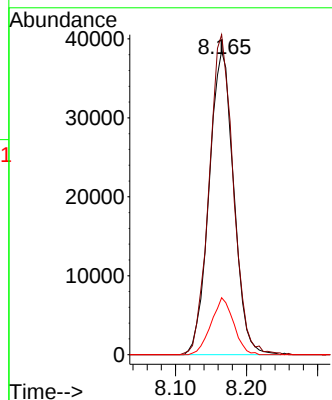
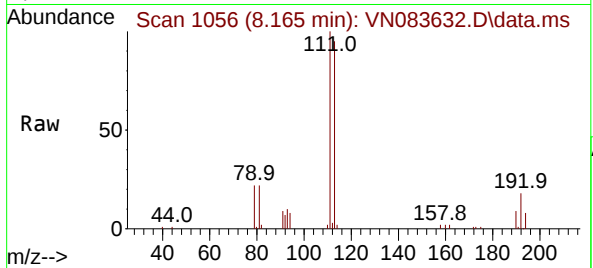




#35
Dibromofluoromethane
Concen: 49.743 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

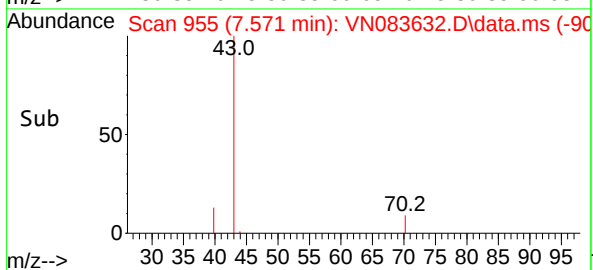
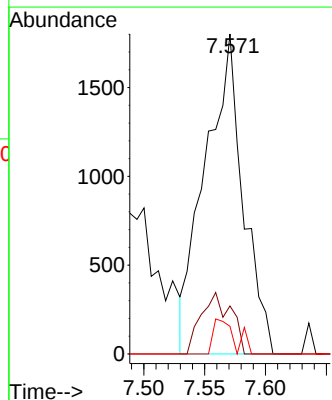
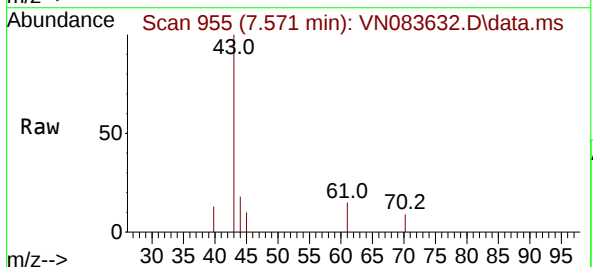
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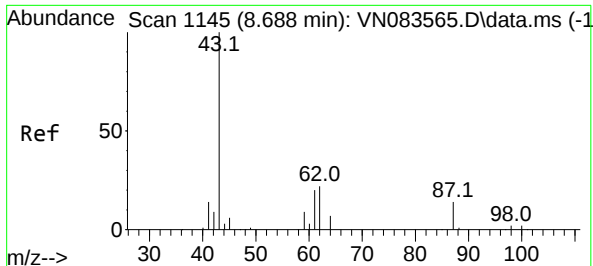
Tgt Ion:113 Resp: 92573
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 17.2 14.3 21.5



#37
Ethyl Acetate
Concen: 1.382 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

Tgt Ion: 43 Resp: 3904
Ion Ratio Lower Upper
43 100
61 15.1 11.1 16.7
70 6.2 8.8 13.2#

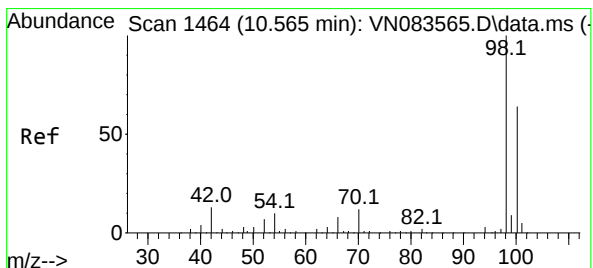
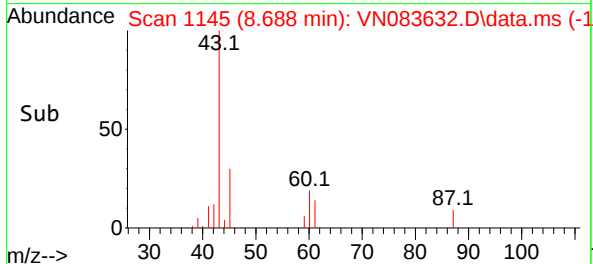
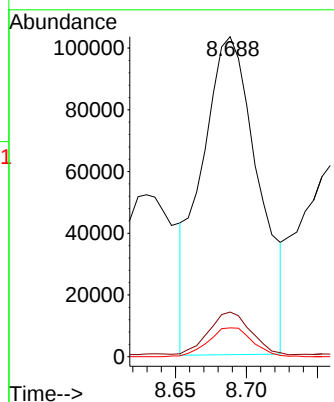
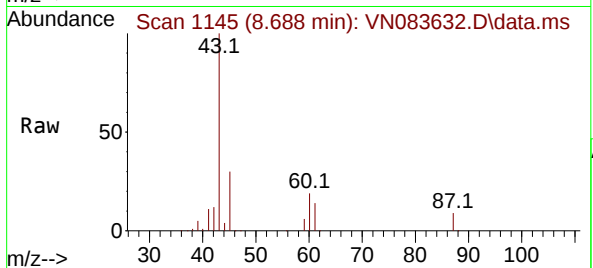




#43
Isopropyl Acetate
Concen: 50.626 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

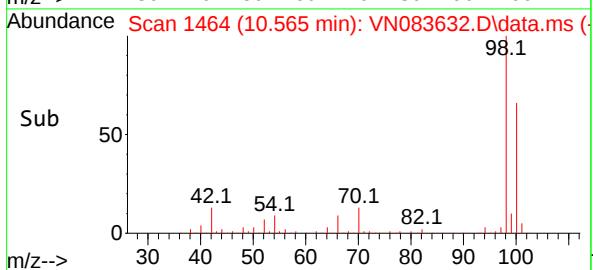
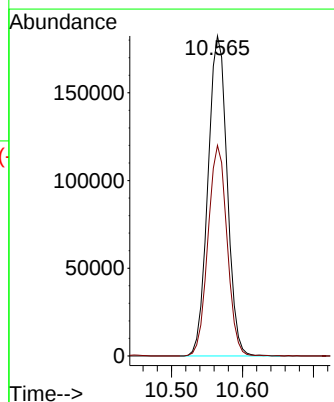
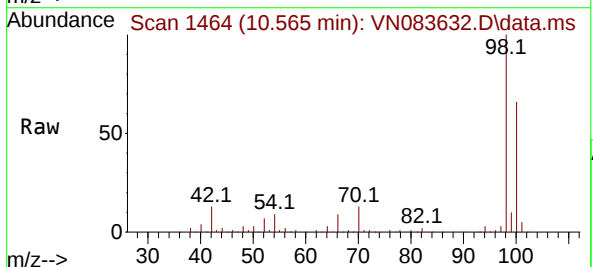
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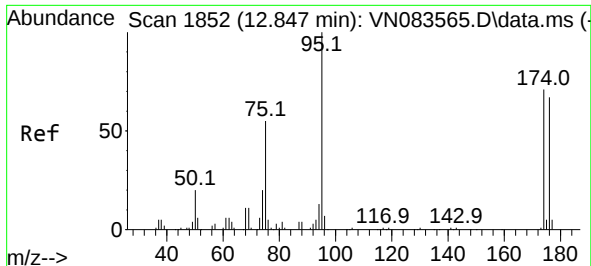
Tgt Ion: 43 Resp: 286927
Ion Ratio Lower Upper
43 100
61 11.1 19.4 29.0#
87 7.1 9.8 14.6#



#50
Toluene-d8
Concen: 47.292 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

Tgt Ion: 98 Resp: 342667
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

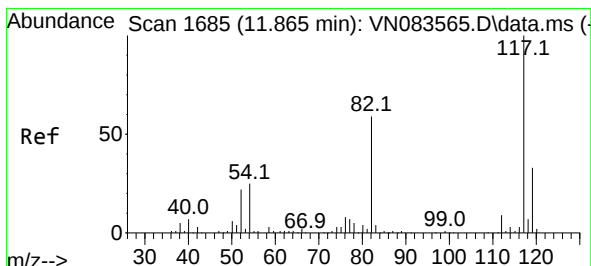
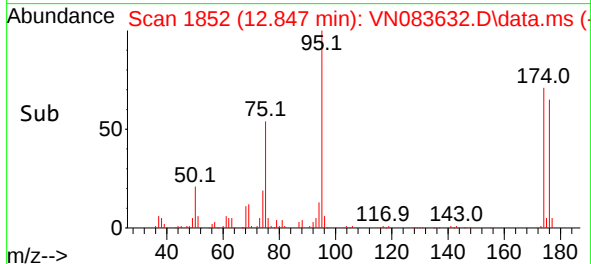
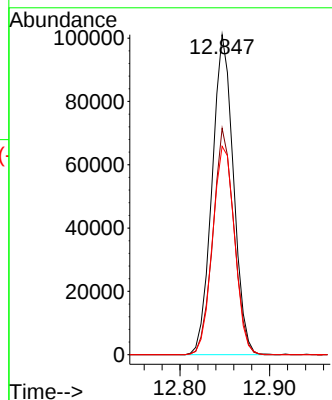
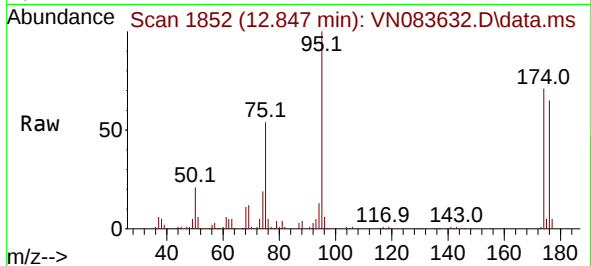




#62
4-Bromofluorobenzene
Concen: 62.184 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

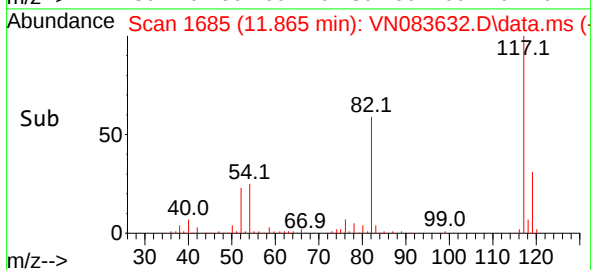
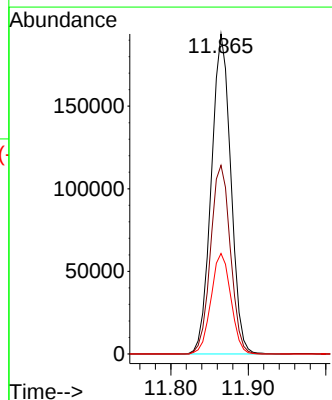
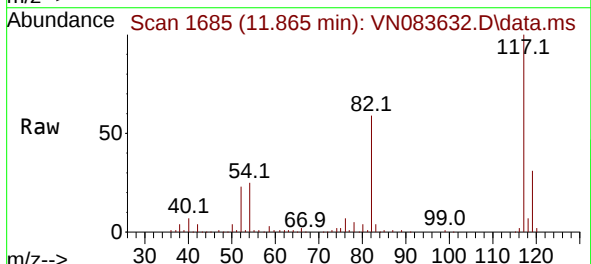
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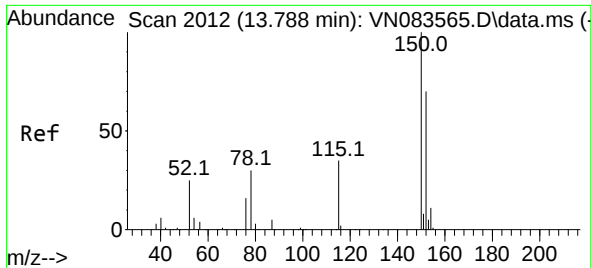
Tgt Ion: 95 Resp: 166944
Ion Ratio Lower Upper
95 100
174 69.5 0.0 139.8
176 67.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083632.D
Acq: 03 Sep 2024 18:21

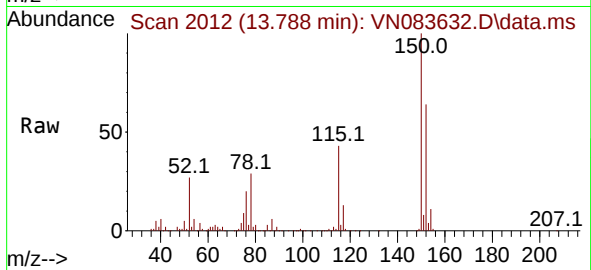
Tgt Ion: 117 Resp: 338934
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 31.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083632.D
 Acq: 03 Sep 2024 18:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163072TB



Tgt Ion:152 Resp: 169433

Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.2	96.6
150	156.8	0.0	348.6

