

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083398.D
 Acq On : 20 Aug 2024 14:12
 Operator : JC\MD
 Sample : PB162842TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162842TB

Quant Time: Aug 21 07:19:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

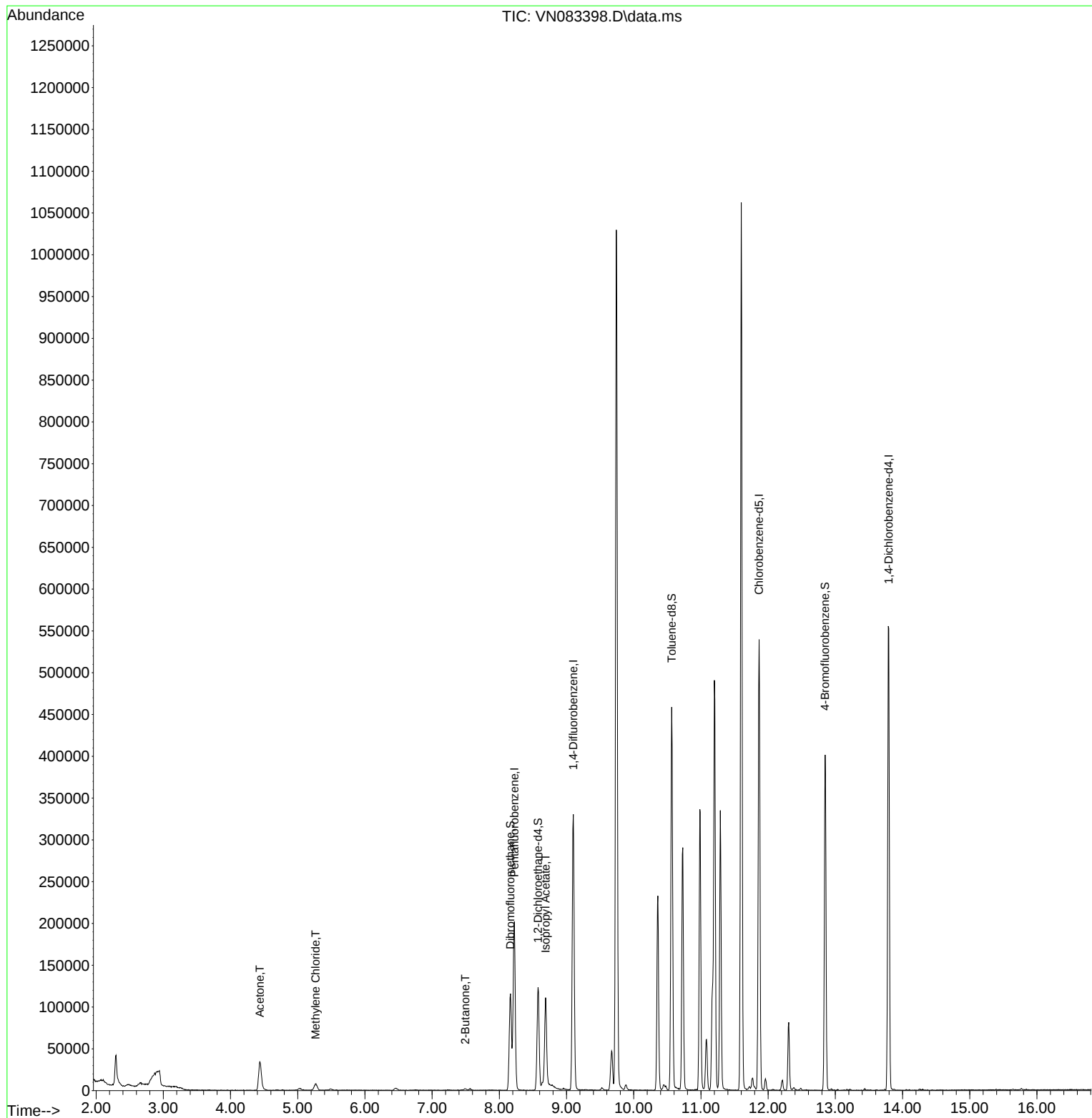
Internal Standards						
1) Pentafluorobenzene	8.224	168	138317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105887	53.783	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.560%
35) Dibromofluoromethane	8.165	113	83151	48.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	10.565	98	307306	47.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.847	95	141494	56.331	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.660%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	18315	23.774	ug/l	94
20) Methylene Chloride	5.265	84	6498	3.665	ug/l #	69
25) 2-Butanone	7.494	43	3452	2.918	ug/l	96
43) Isopropyl Acetate	8.688	43	145003	27.419	ug/l #	90

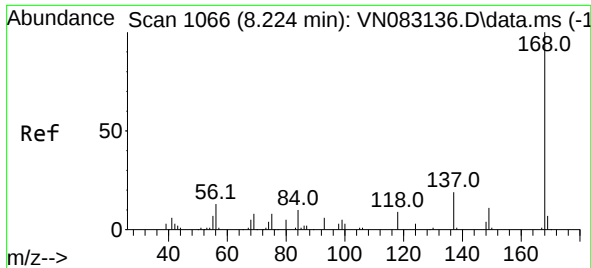
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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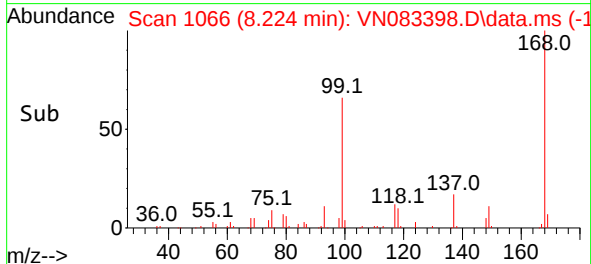
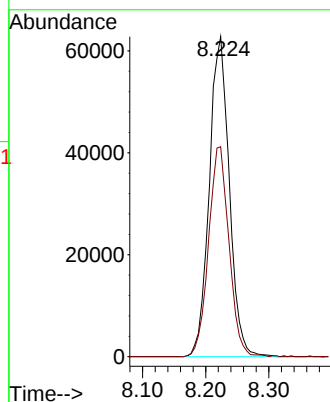
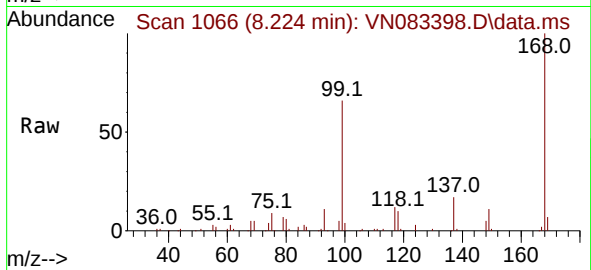




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

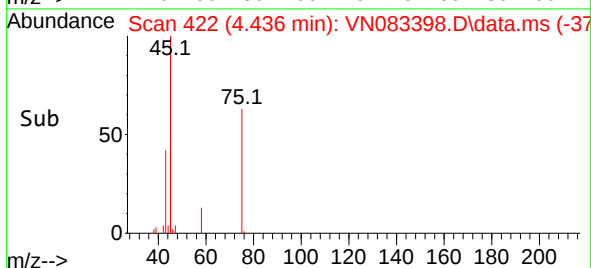
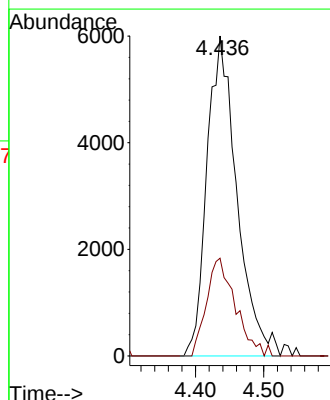
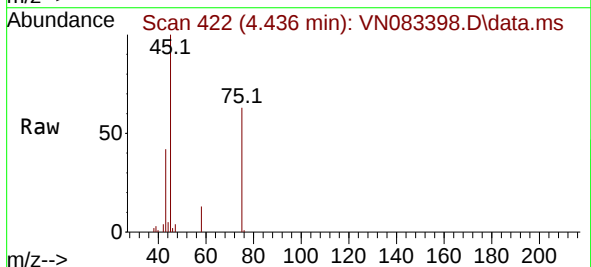
Instrument :
MSVOA_N
ClientSampleId :
PB162842TB

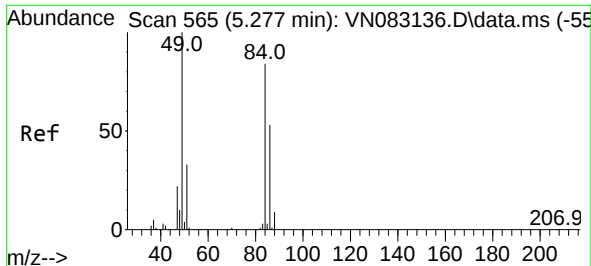
Tgt Ion:168 Resp: 138317
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4



#16
Acetone
Concen: 23.774 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

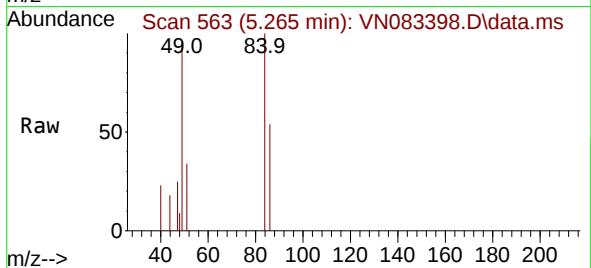
Tgt Ion: 43 Resp: 18315
Ion Ratio Lower Upper
43 100
58 30.5 21.8 32.6



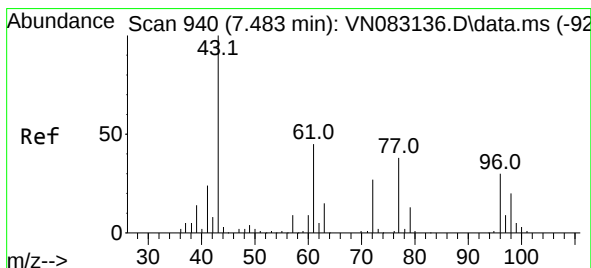
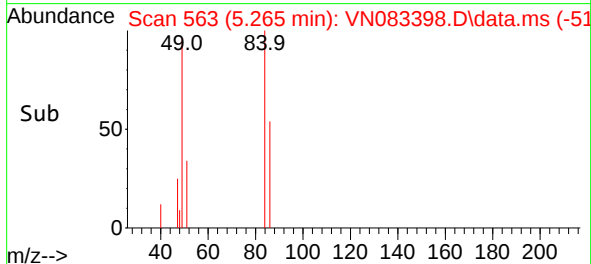
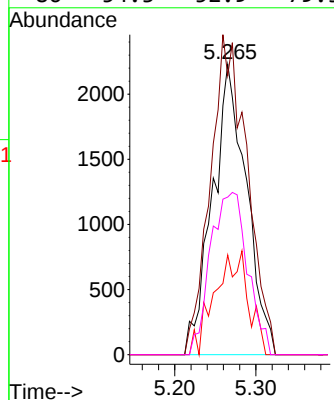


#20
Methylene Chloride
Concen: 3.665 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :
PB162842TB

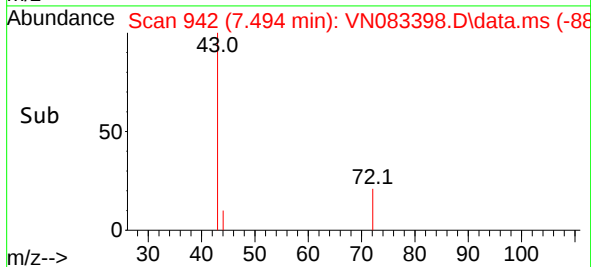
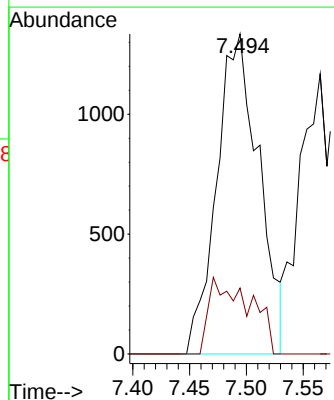
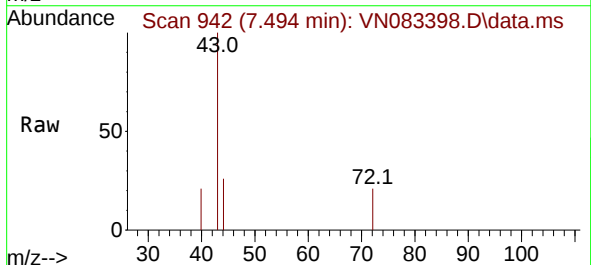


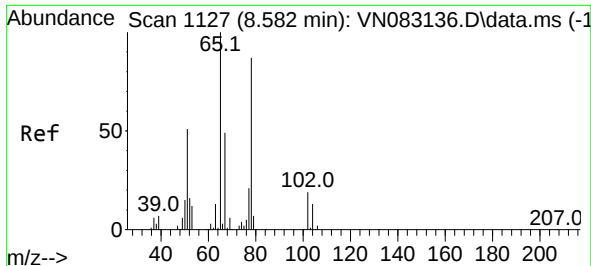
Tgt Ion: 84 Resp: 6498
Ion Ratio Lower Upper
84 100
49 96.0 119.6 179.4#
51 34.3 34.8 52.2#
86 54.3 52.9 79.3



#25
2-Butanone
Concen: 2.918 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Tgt Ion: 43 Resp: 3452
Ion Ratio Lower Upper
43 100
72 20.6 18.2 27.2





#33

1,2-Dichloroethane-d4

Concen: 53.783 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083398.D

Acq: 20 Aug 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

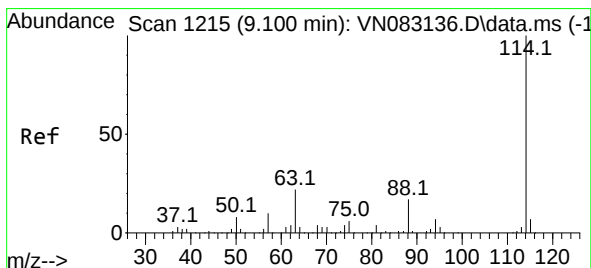
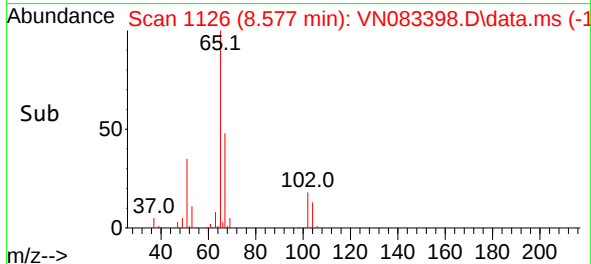
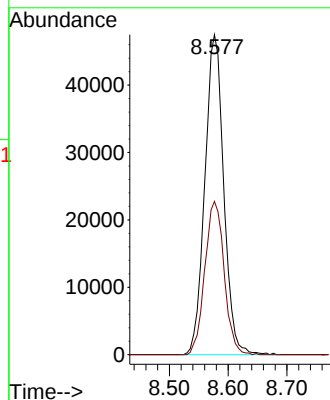
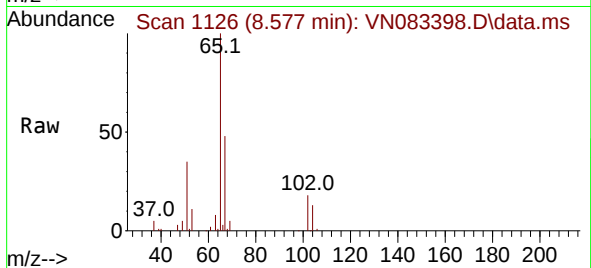
PB162842TB

Tgt Ion: 65 Resp: 105887

Ion Ratio Lower Upper

65 100

67 49.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083398.D

Acq: 20 Aug 2024 14:12

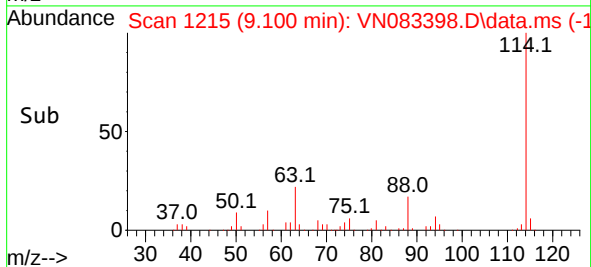
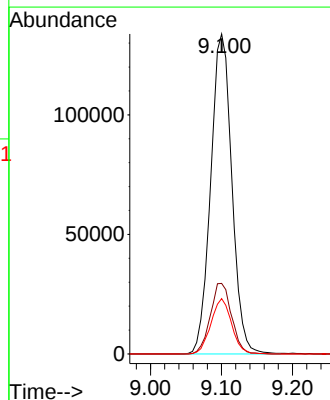
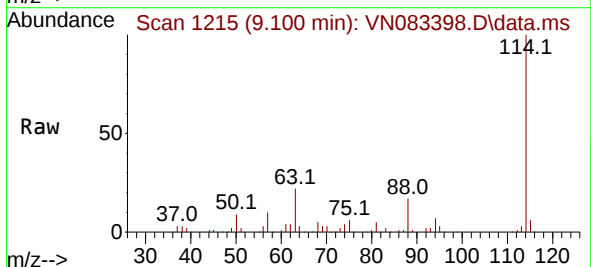
Tgt Ion: 114 Resp: 276717

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 17.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.142 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN083398.D

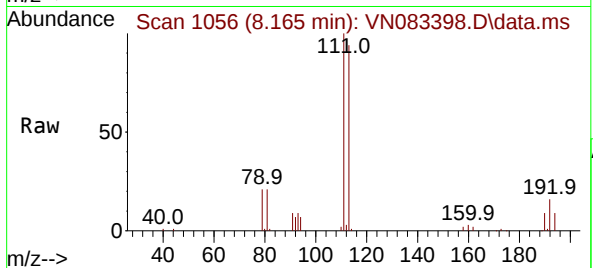
Acq: 20 Aug 2024 14:12

Instrument :

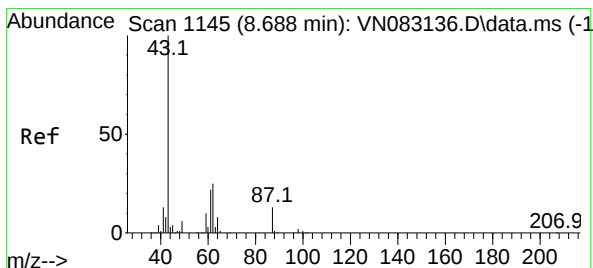
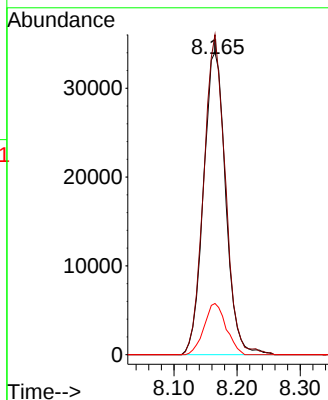
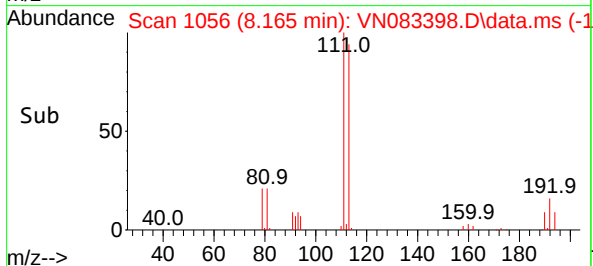
MSVOA_N

ClientSampleId :

PB162842TB



Tgt Ion:	113	Resp:	83151
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	16.8	14.9	22.3



#43

Isopropyl Acetate

Concen: 27.419 ug/l

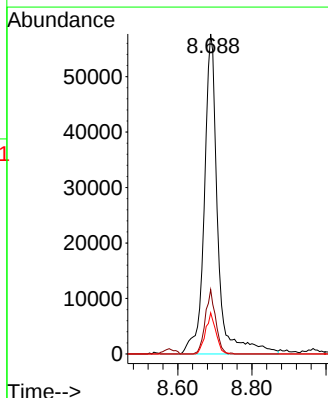
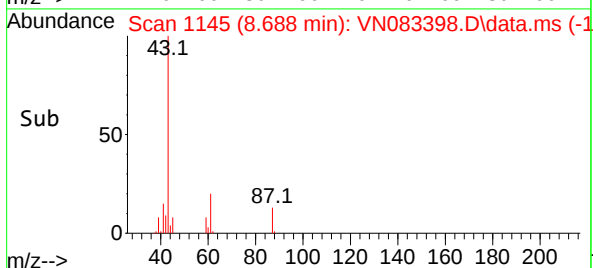
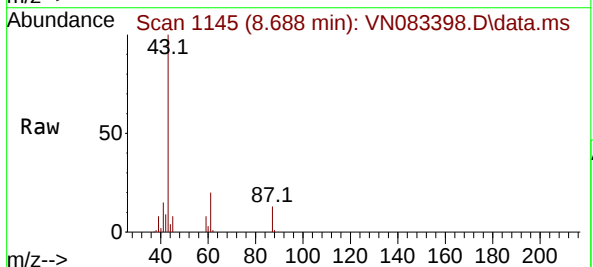
RT: 8.688 min Scan# 1145

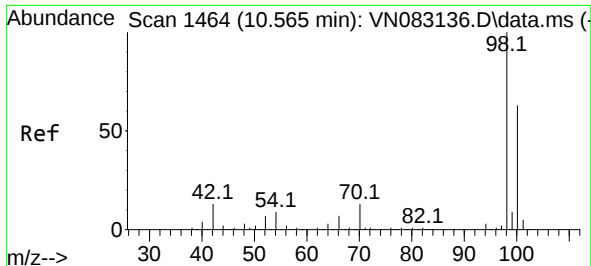
Delta R.T. 0.000 min

Lab File: VN083398.D

Acq: 20 Aug 2024 14:12

Tgt Ion:	43	Resp:	145003
Ion	Ratio	Lower	Upper
43	100		
61	15.5	17.8	26.6
87	9.9	8.2	12.2

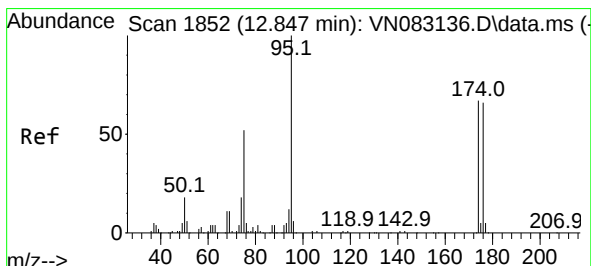
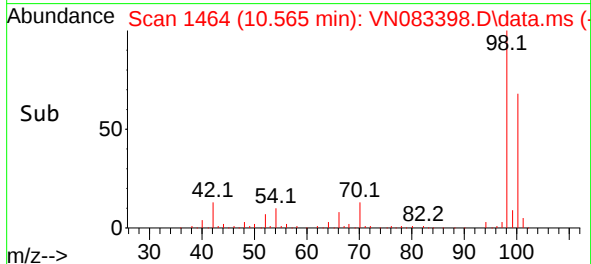
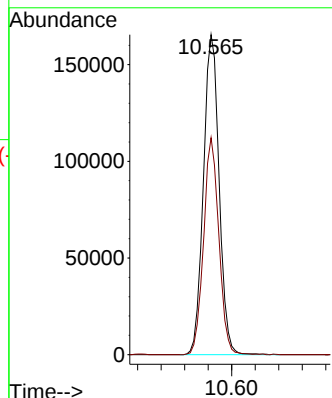
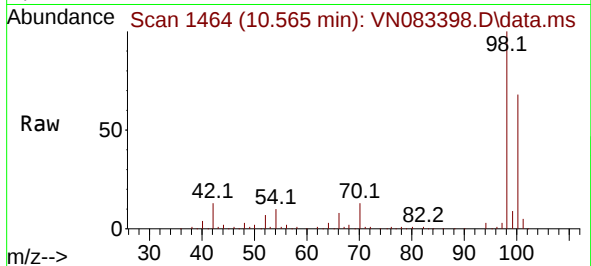




#50
Toluene-d8
Concen: 47.697 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

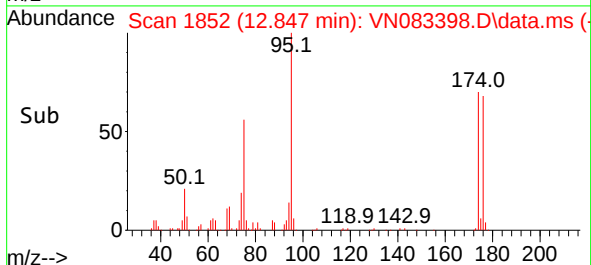
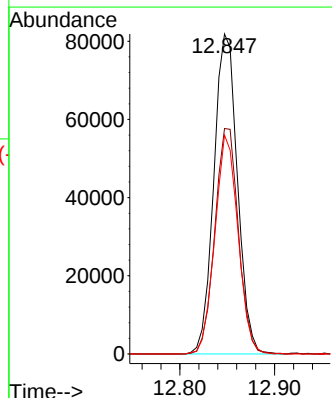
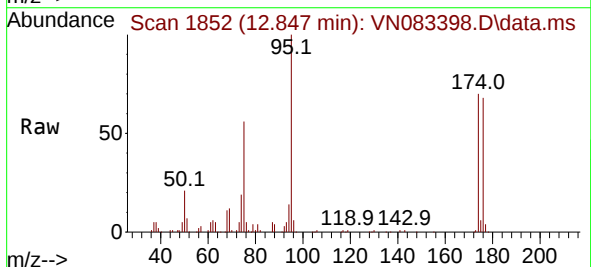
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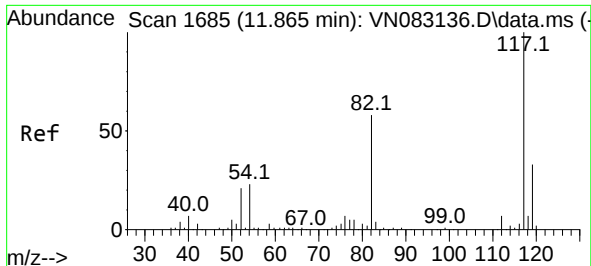
Tgt Ion: 98 Resp: 307306
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.331 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Tgt Ion: 95 Resp: 141494
Ion Ratio Lower Upper
95 100
174 70.7 0.0 159.2
176 67.1 0.0 147.6

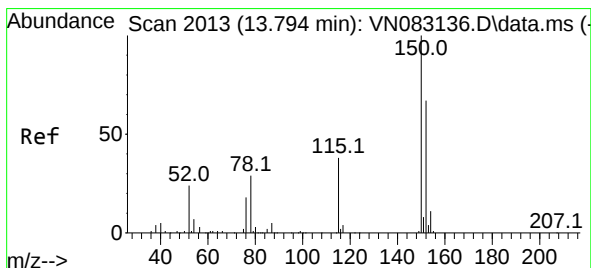
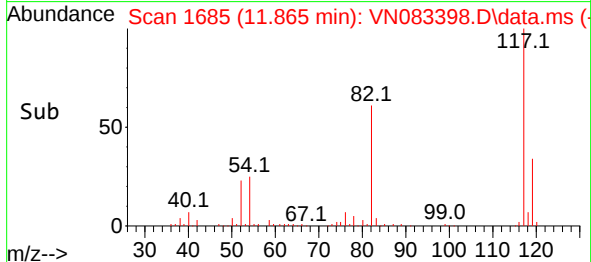
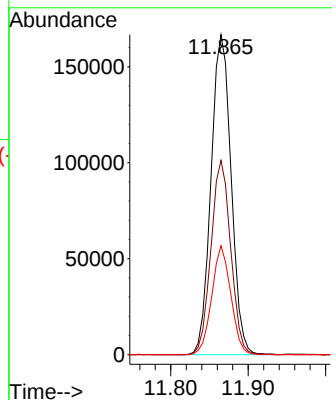
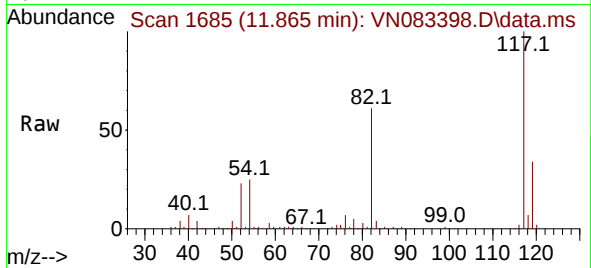




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 301468
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 34.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083398.D
Acq: 20 Aug 2024 14:12

Tgt Ion:152 Resp: 146623
Ion Ratio Lower Upper
152 100
115 63.8 30.6 91.6
150 155.6 0.0 348.6

