

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079552.D
 Acq On : 12 Oct 2023 17:59
 Operator : JC\MD
 Sample : PB156319ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156319ZHE#03

Quant Time: Oct 13 01:23:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

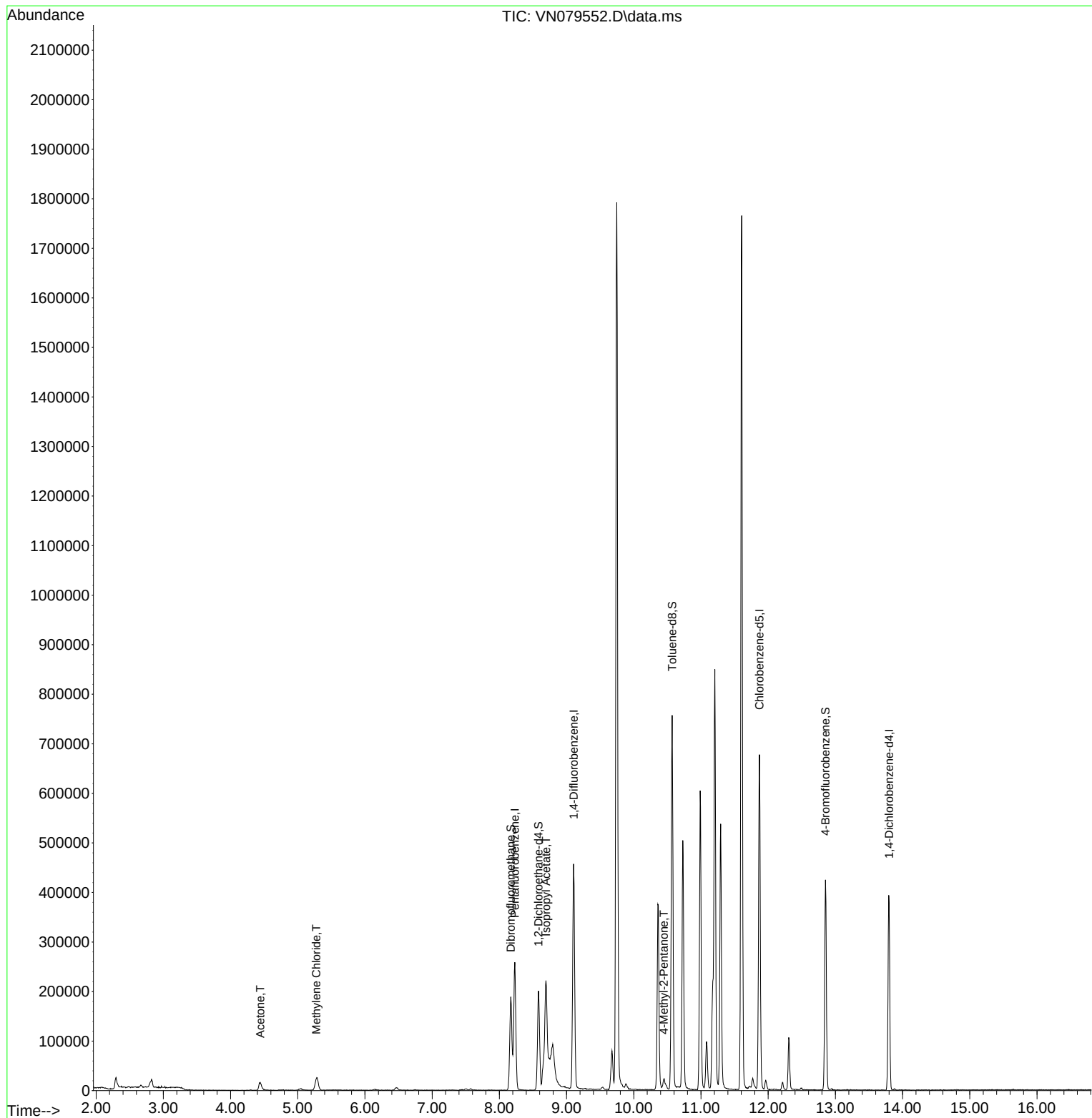
Internal Standards						
1) Pentafluorobenzene	8.230	168	175020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	372641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	379013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	103856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158585	55.883	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.760%
35) Dibromofluoromethane	8.171	113	131020	48.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	10.571	98	502944	51.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.853	95	144591	46.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.000%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	30349	26.963	ug/l	88
20) Methylene Chloride	5.277	84	19804	7.523	ug/l #	81
43) Isopropyl Acetate	8.694	43	316853	45.223	ug/l #	69
51) 4-Methyl-2-Pentanone	10.447	43	21257	5.374	ug/l #	73

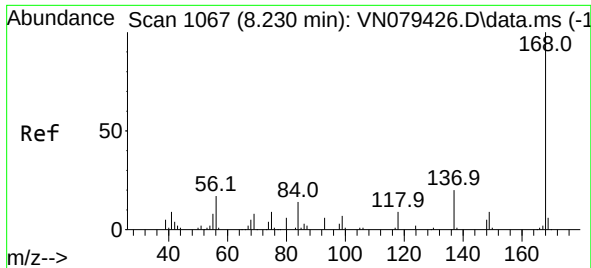
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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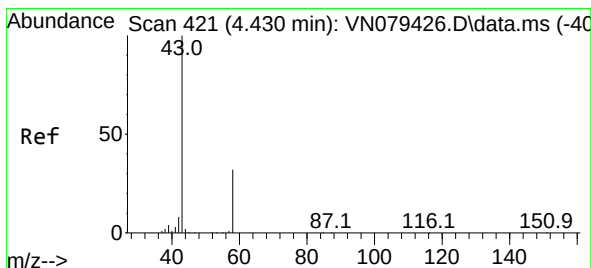
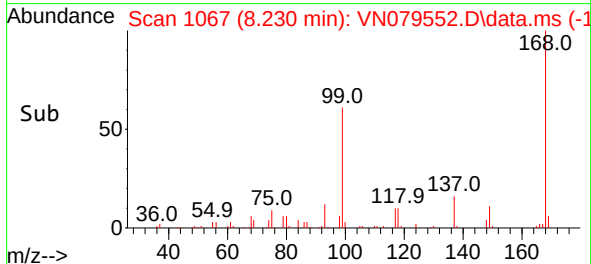
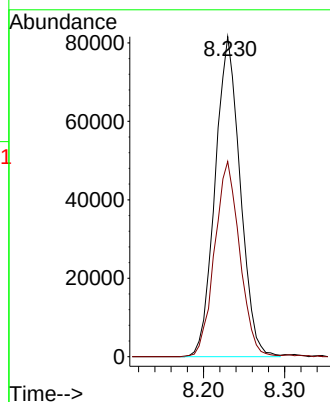
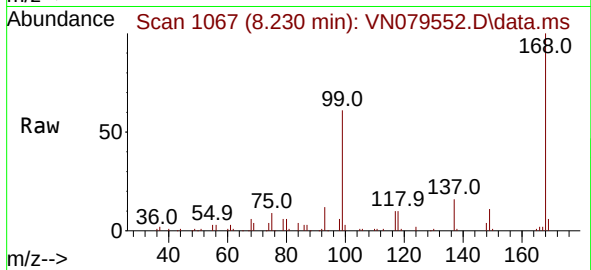




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079552.D
Acq: 12 Oct 2023 17:59

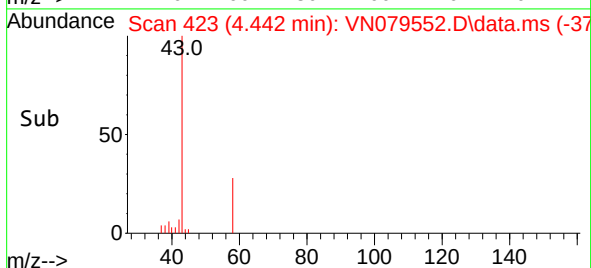
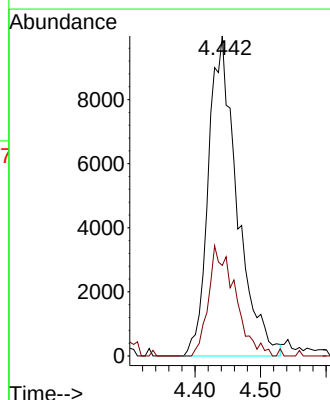
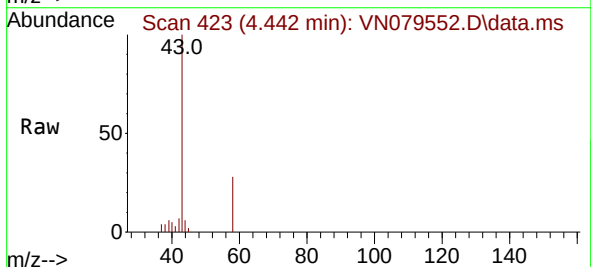
Instrument :
MSVOA_N
ClientSampleId :
PB156319ZHE#03

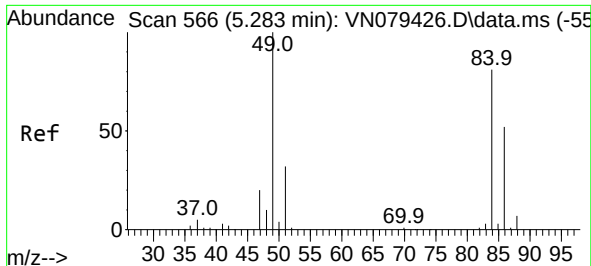
Tgt Ion:168 Resp: 175020
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#16
Acetone
Concen: 26.963 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079552.D
Acq: 12 Oct 2023 17:59

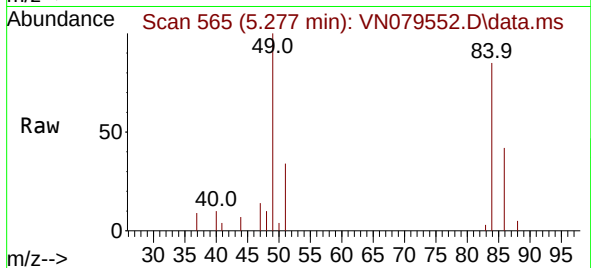
Tgt Ion: 43 Resp: 30349
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0



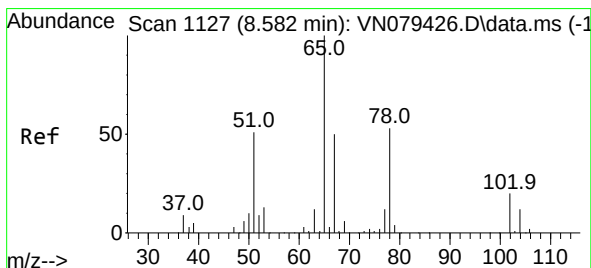
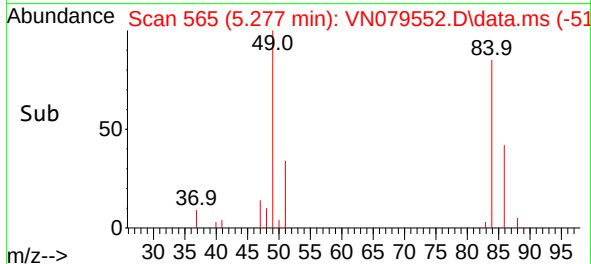
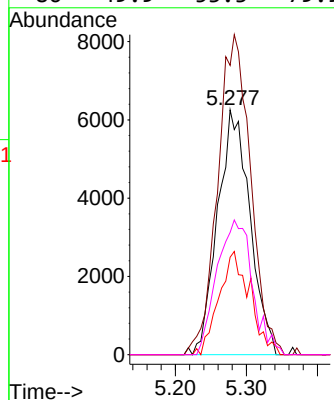


#20
Methylene Chloride
Concen: 7.523 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079552.D
Acq: 12 Oct 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
PB156319ZHE#03

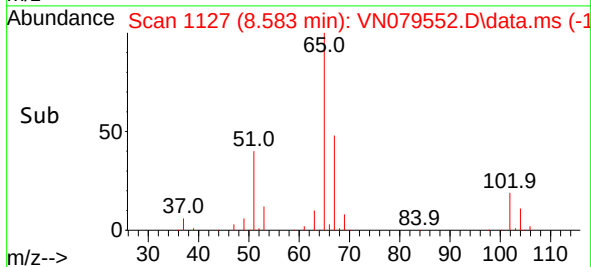
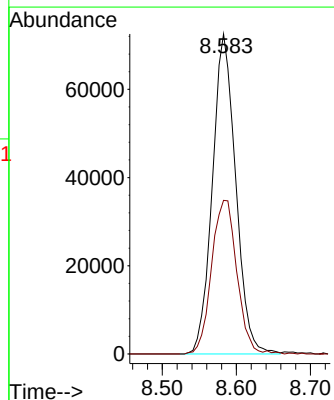
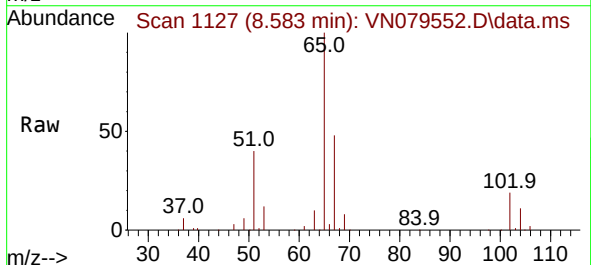


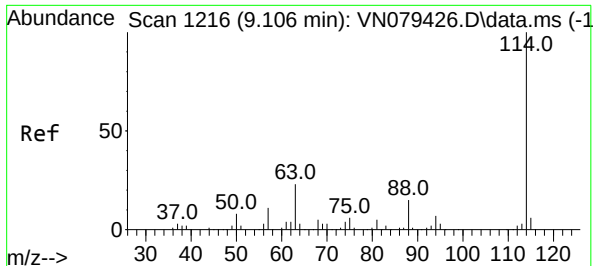
Tgt Ion:	84	Resp:	19804
Ion	Ratio	Lower	Upper
84	100		
49	118.2	79.7	119.5
51	39.8	25.2	37.8#
86	49.9	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 55.883 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079552.D
Acq: 12 Oct 2023 17:59

Tgt Ion:	65	Resp:	158585
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.6

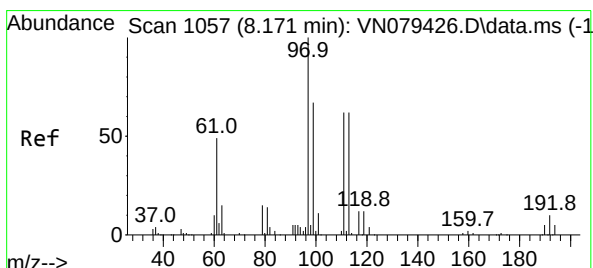
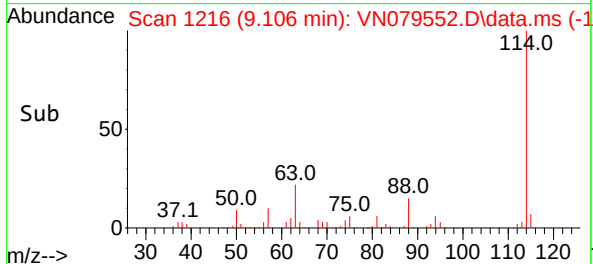
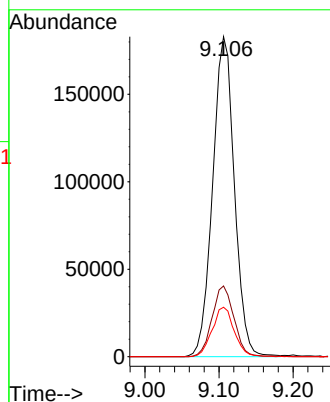
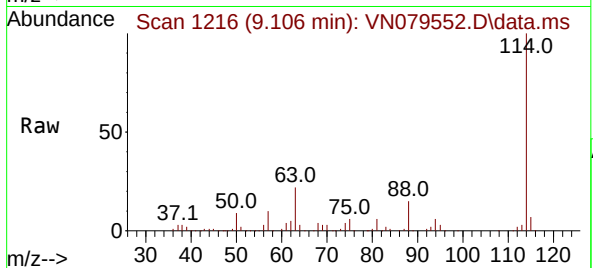




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079552.D
Acq: 12 Oct 2023 17:59

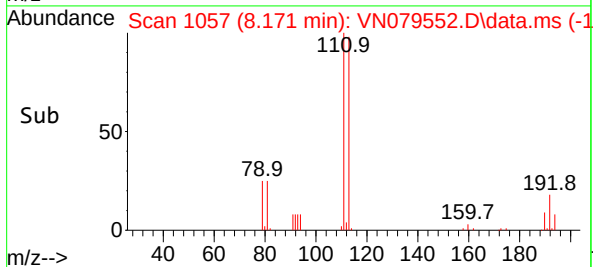
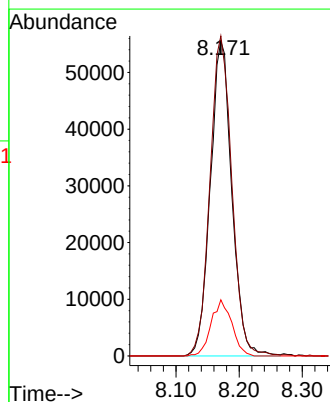
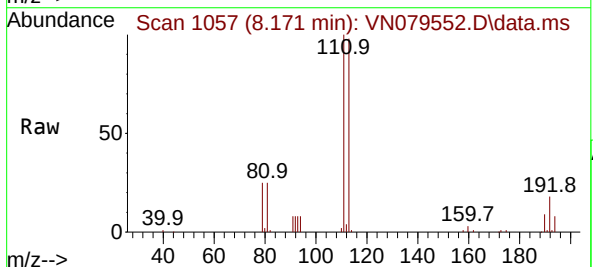
Instrument :
MSVOA_N
ClientSampleId :
PB156319ZHE#03

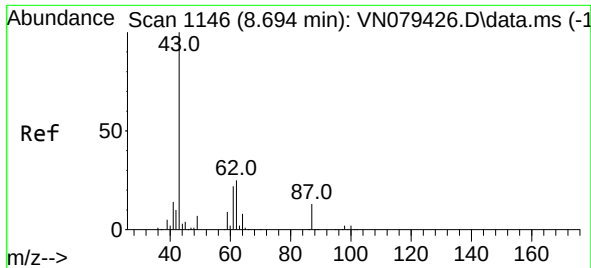
Tgt Ion:114 Resp: 372641
Ion Ratio Lower Upper
114 100
63 22.1 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.926 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079552.D
Acq: 12 Oct 2023 17:59

Tgt Ion:113 Resp: 131020
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 17.2 12.7 19.1

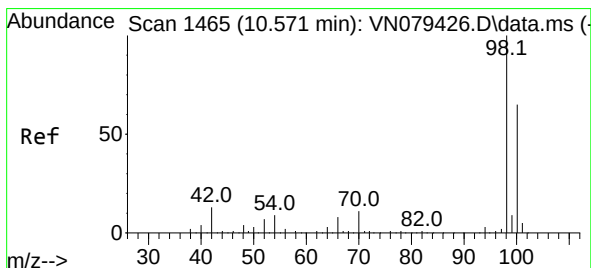
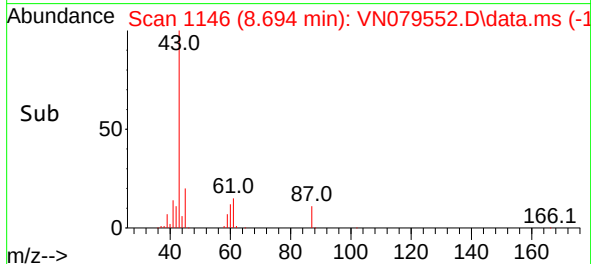
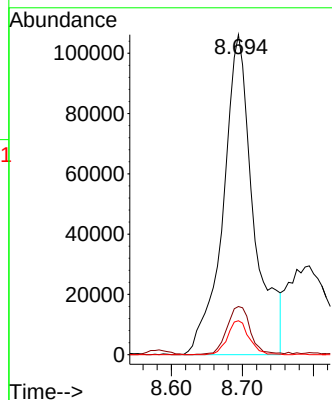
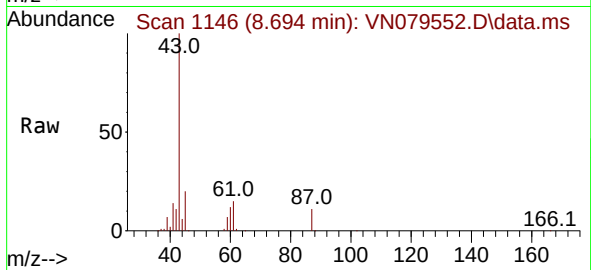




#43
Isopropyl Acetate
Concen: 45.223 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079552.D
Acq: 12 Oct 2023 17:59

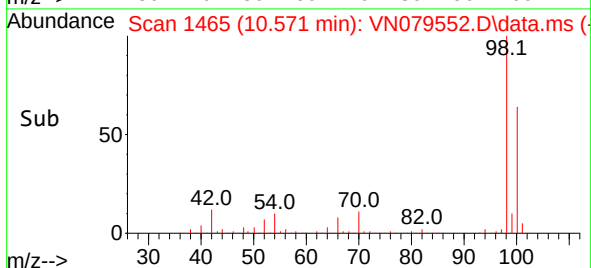
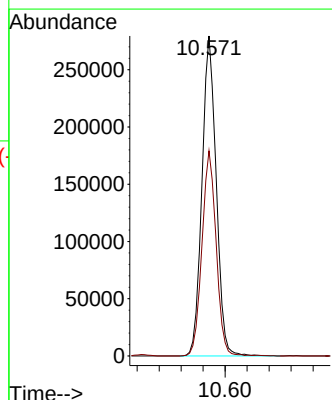
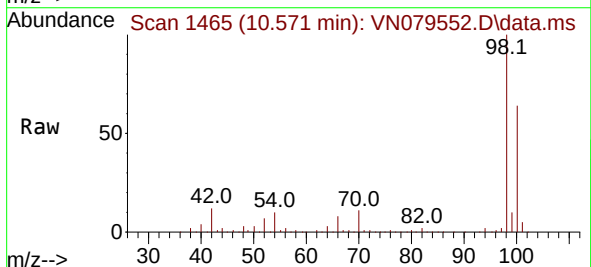
Instrument :
MSVOA_N
ClientSampleId :
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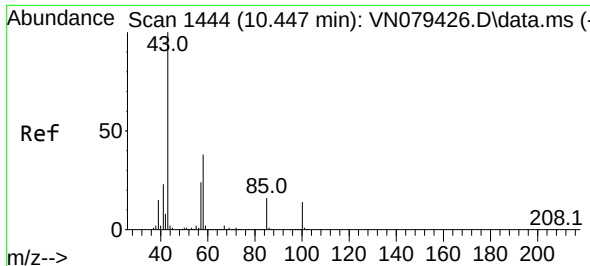
Tgt Ion: 43 Resp: 316853
Ion Ratio Lower Upper
43 100
61 11.7 24.7 37.1#
87 7.5 14.6 21.8#



#50
Toluene-d8
Concen: 51.906 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079552.D
Acq: 12 Oct 2023 17:59

Tgt Ion: 98 Resp: 502944
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

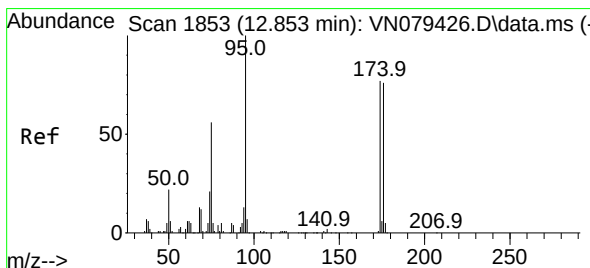
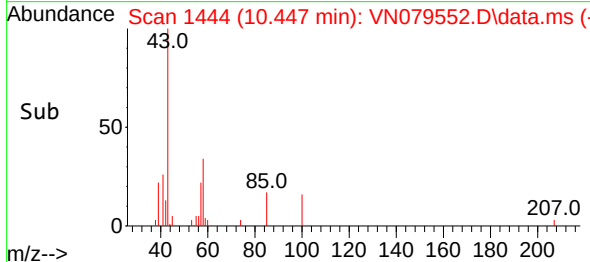
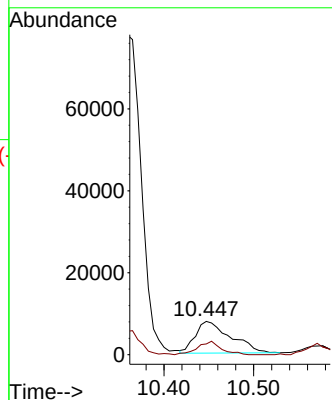
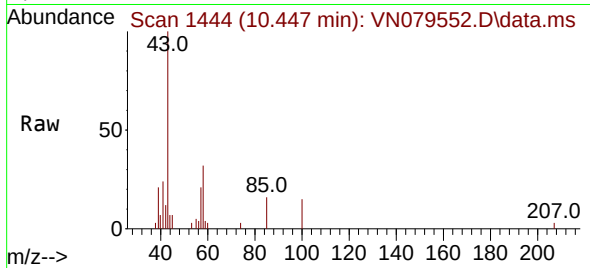




#51
 4-Methyl-2-Pentanone
 Concen: 5.374 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: VN079552.D
 Acq: 12 Oct 2023 17:59

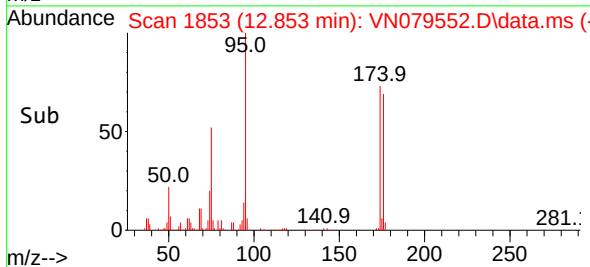
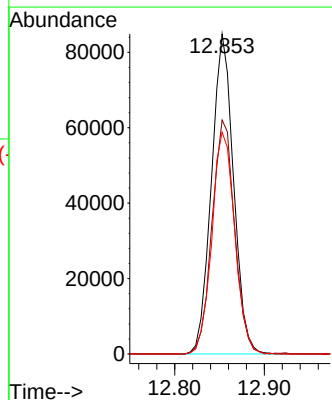
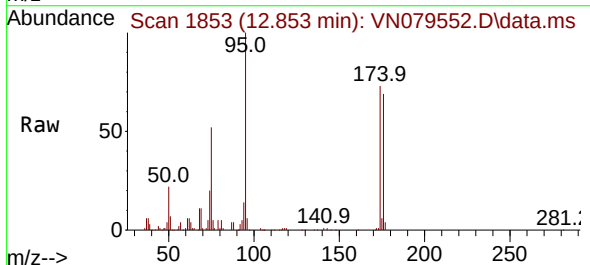
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 PB156319ZHE#03

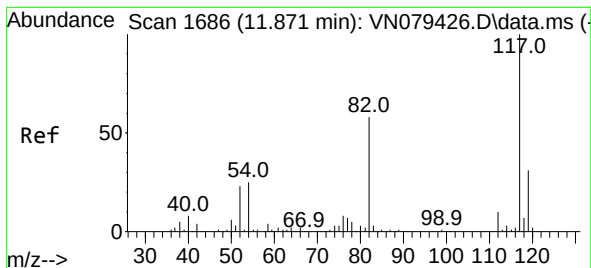
Tgt Ion: 43 Resp: 21257
 Ion Ratio Lower Upper
 43 100
 58 27.8 36.6 54.8#



#62
 4-Bromofluorobenzene
 Concen: 46.499 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079552.D
 Acq: 12 Oct 2023 17:59

Tgt Ion: 95 Resp: 144591
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 143.8
 176 72.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079552.D

Acq: 12 Oct 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

PB156319ZHE#03

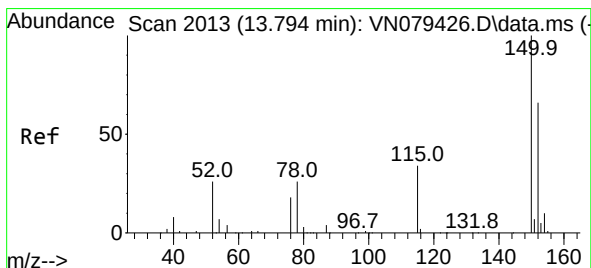
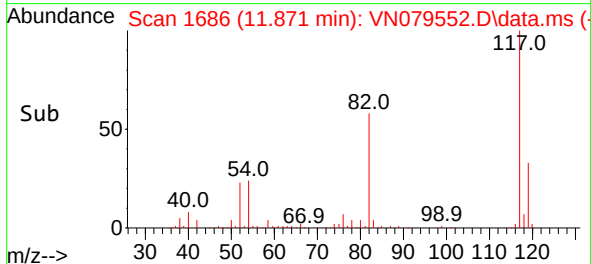
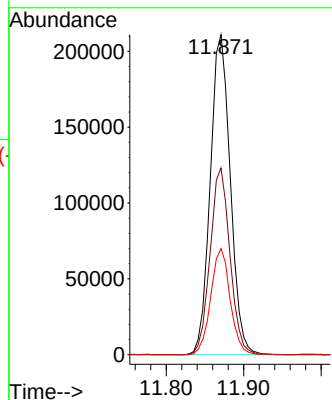
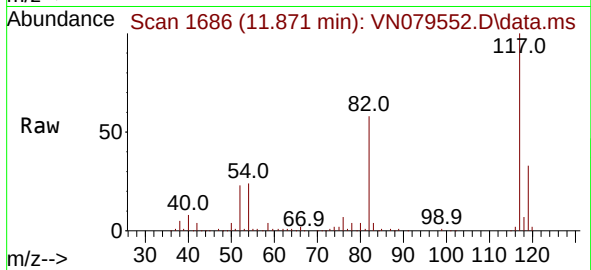
Tgt Ion:117 Resp: 379013

Ion Ratio Lower Upper

117 100

82 58.3 44.0 66.0

119 33.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.006 min

Lab File: VN079552.D

Acq: 12 Oct 2023 17:59

Tgt Ion:152 Resp: 103856

Ion Ratio Lower Upper

152 100

115 64.0 32.3 96.8

150 159.3 0.0 355.8

