

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079500.D
 Acq On : 10 Oct 2023 18:01
 Operator : JC\MD
 Sample : 04817-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-241

Quant Time: Oct 11 06:22:07 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)

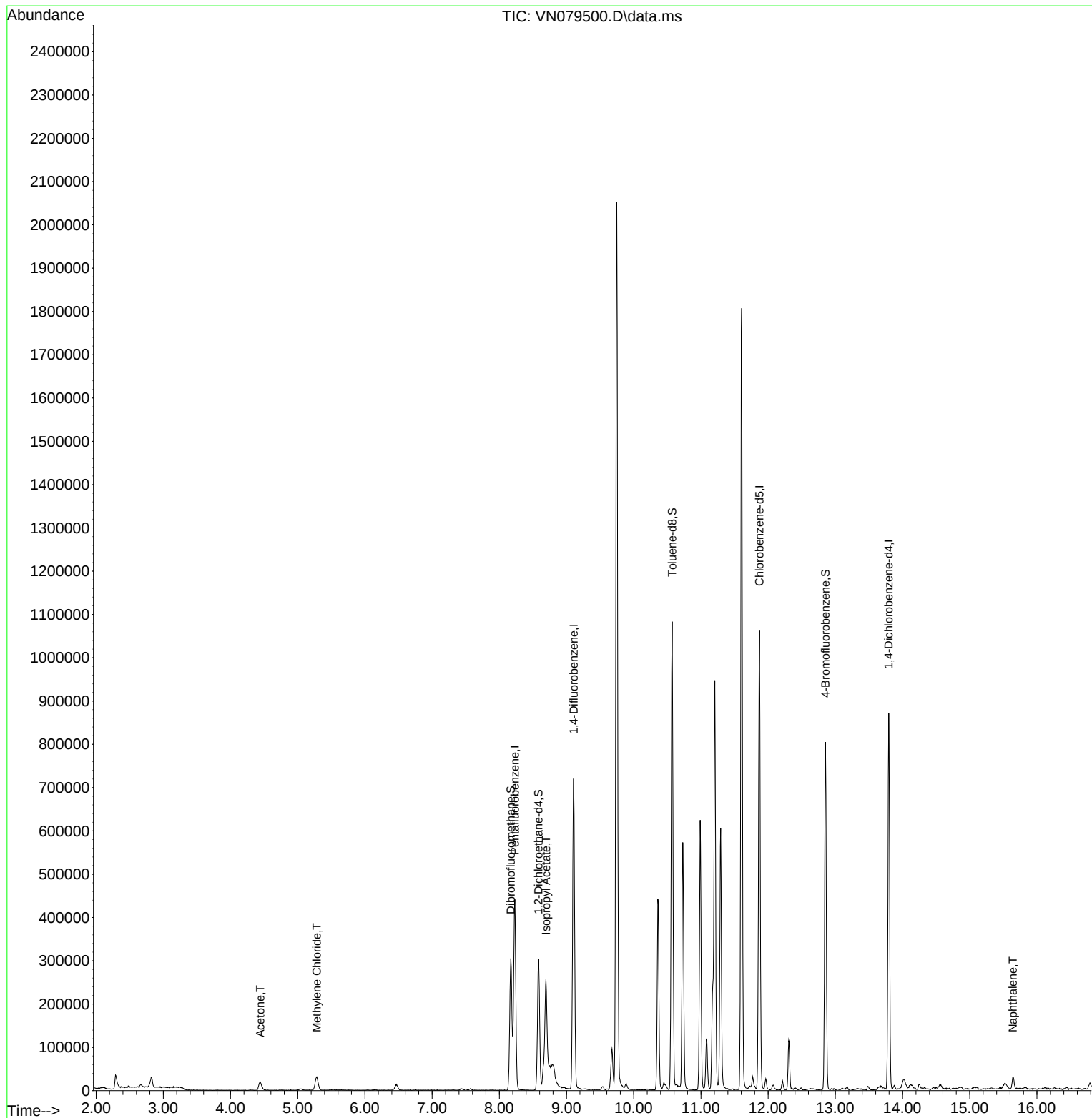
Internal Standards						
1) Pentafluorobenzene	8.230	168	314040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	617291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	599439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	241335	47.396	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.800%
35) Dibromofluoromethane	8.171	113	212617	47.929	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	10.571	98	734728	45.775	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.540%
62) 4-Bromofluorobenzene	12.853	95	274087	53.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.420%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	38602	19.113	ug/l #	87
20) Methylene Chloride	5.283	84	23317	4.727	ug/l #	86
43) Isopropyl Acetate	8.694	43	346519	29.856	ug/l #	71
95) Naphthalene	15.641	128	25346	3.327	ug/l	98

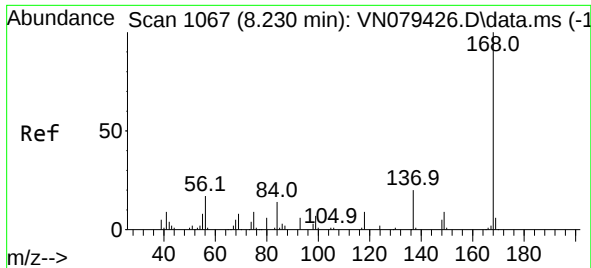
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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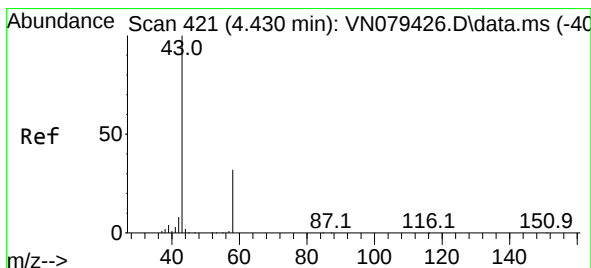
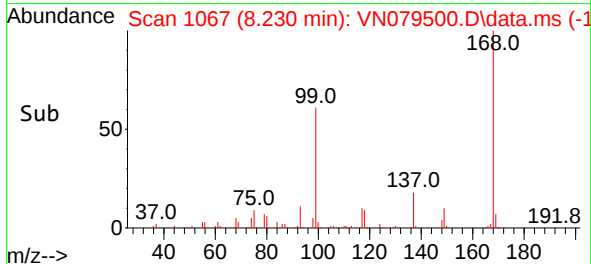
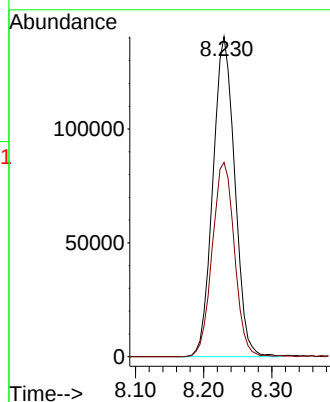
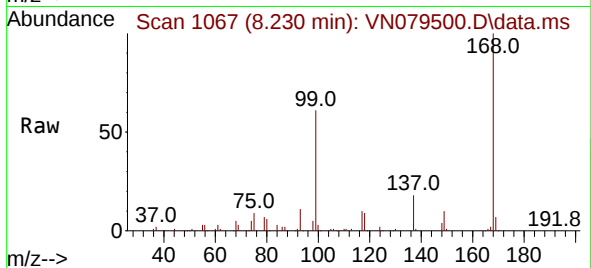




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

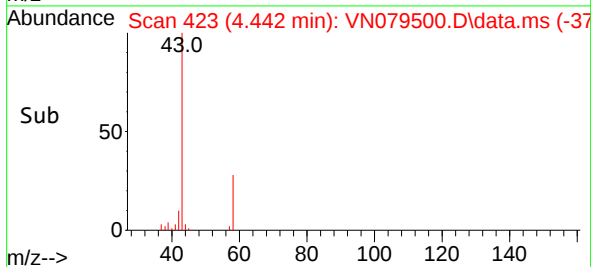
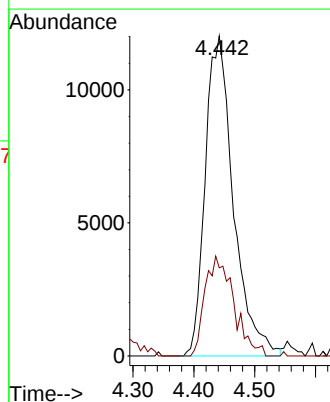
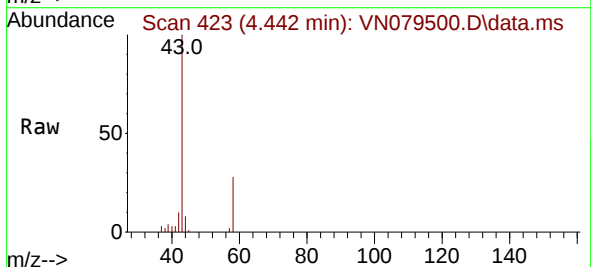
Instrument :
MSVOA_N
ClientSampleId :
VNJ-241

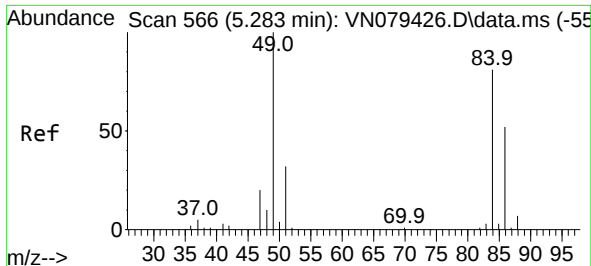
Tgt Ion:168 Resp: 314040
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6



#16
Acetone
Concen: 19.113 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

Tgt Ion: 43 Resp: 38602
Ion Ratio Lower Upper
43 100
58 27.5 28.0 42.0#

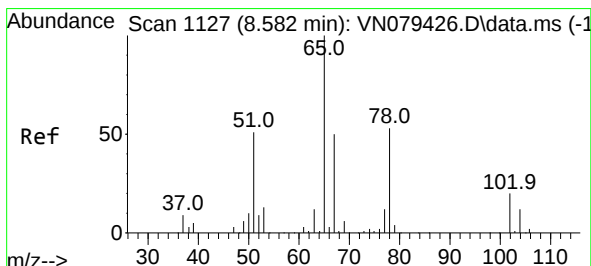
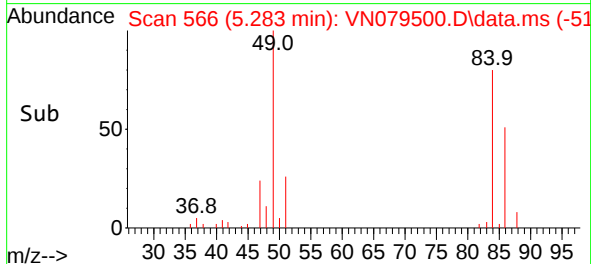
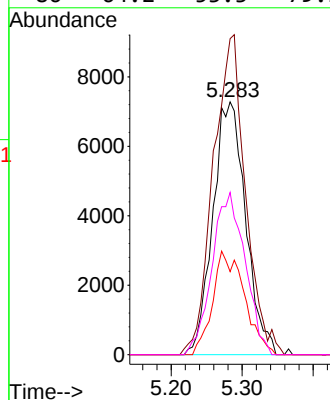
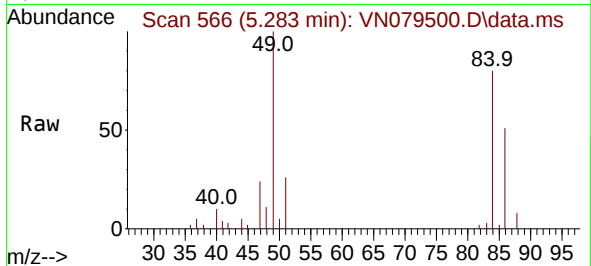




#20
Methylene Chloride
Concen: 4.727 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

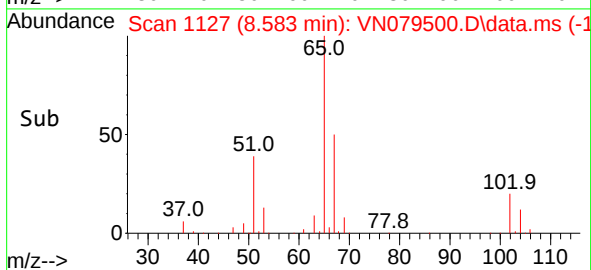
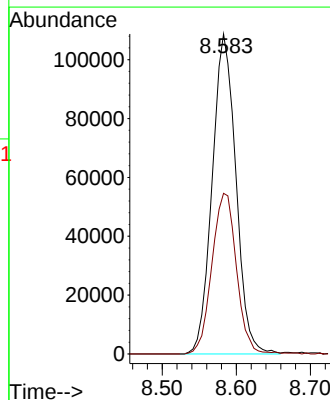
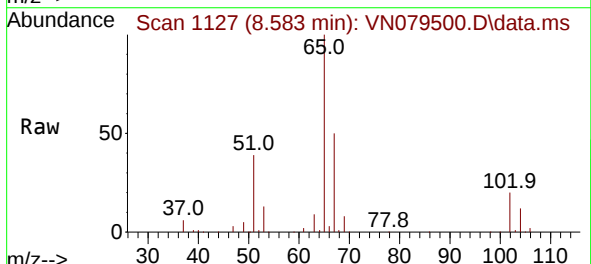
Instrument :
MSVOA_N
ClientSampleId :
VNJ-241

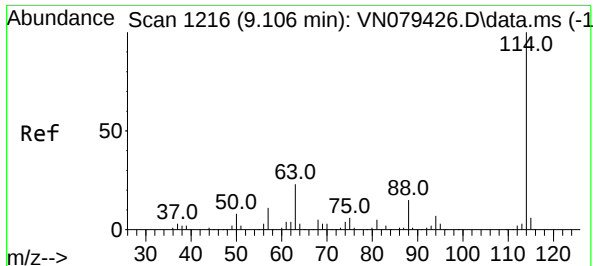
Tgt Ion:	84	Resp:	23317
Ion	Ratio	Lower	Upper
84	100		
49	125.1	79.7	119.5#
51	32.9	25.2	37.8
86	64.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 47.396 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

Tgt Ion:	65	Resp:	241335
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# 1

Delta R.T. 0.000 min

Lab File: VN079500.D

Acq: 10 Oct 2023 18:01

Instrument :

MSVOA_N

ClientSampleId :

VNJ-241

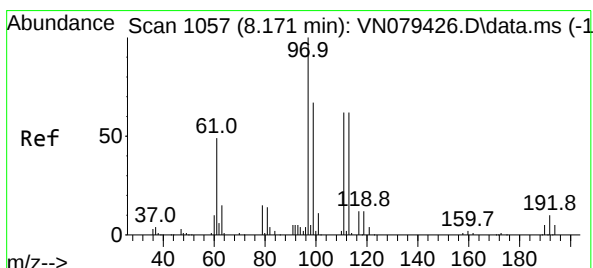
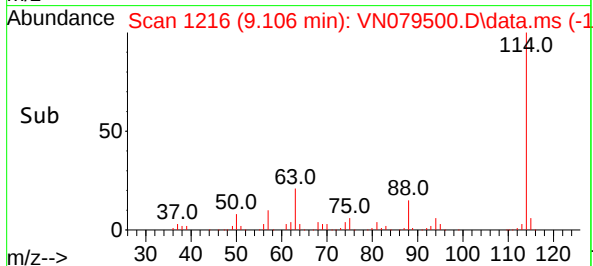
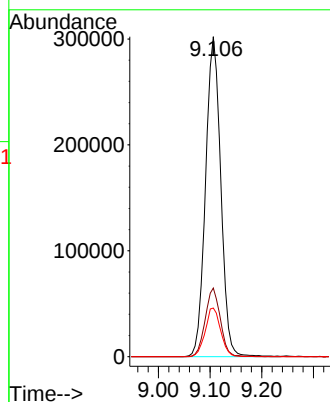
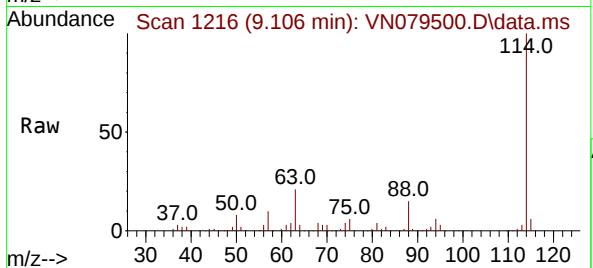
Tgt Ion:114 Resp: 617291

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.929 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079500.D

Acq: 10 Oct 2023 18:01

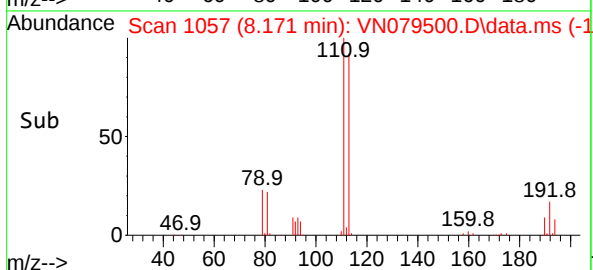
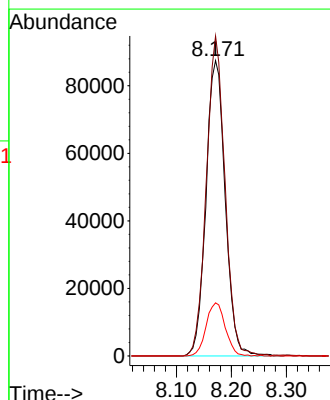
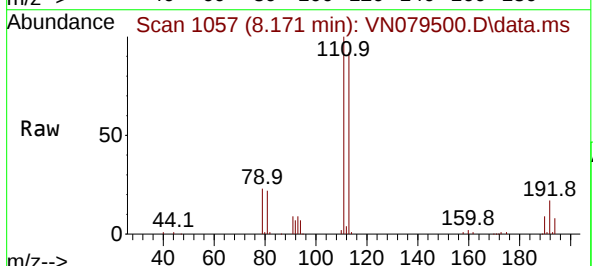
Tgt Ion:113 Resp: 212617

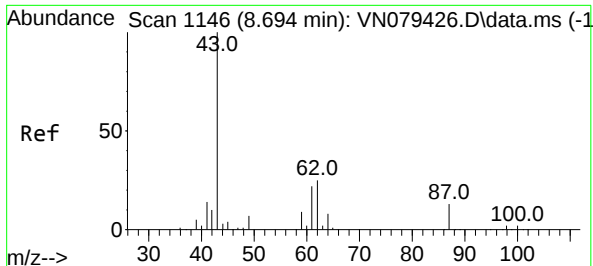
Ion Ratio Lower Upper

113 100

111 104.9 82.6 123.8

192 17.9 12.7 19.1

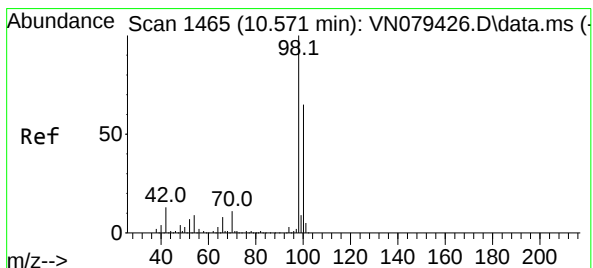
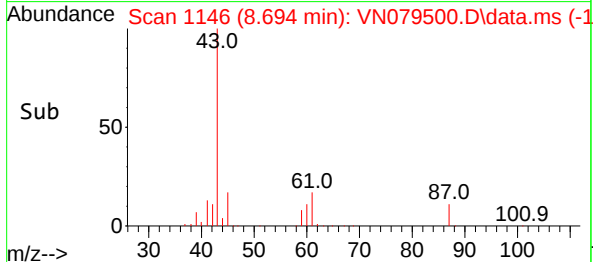
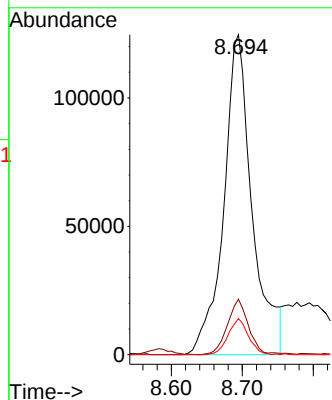
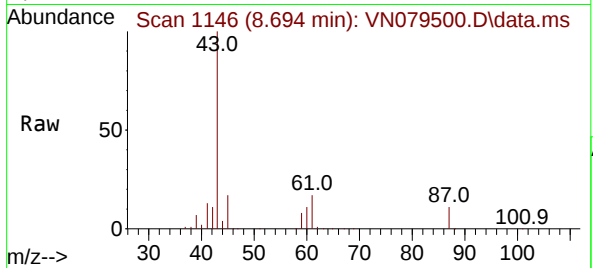




#43
Isopropyl Acetate
Concen: 29.856 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

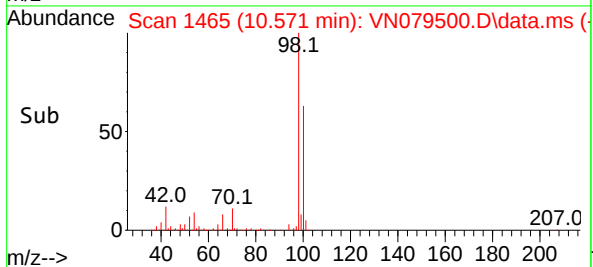
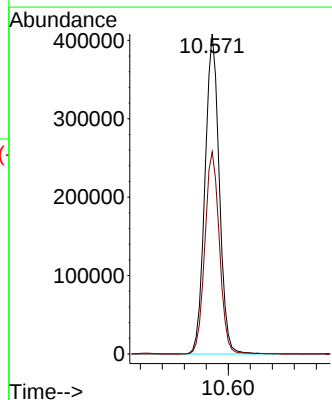
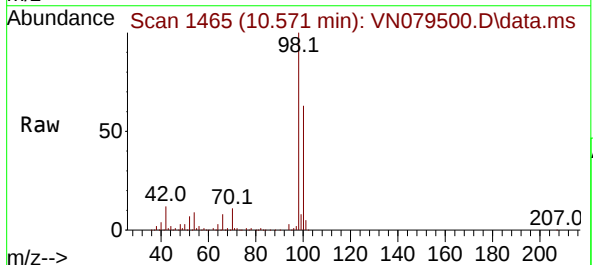
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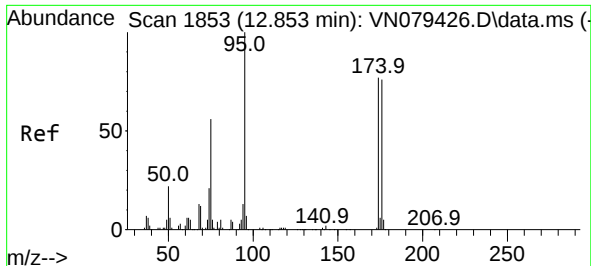
Tgt Ion: 43 Resp: 346519
Ion Ratio Lower Upper
43 100
61 13.1 24.7 37.1#
87 8.0 14.6 21.8#



#50
Toluene-d8
Concen: 45.775 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

Tgt Ion: 98 Resp: 734728
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

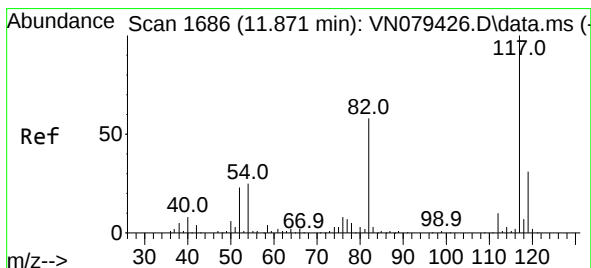
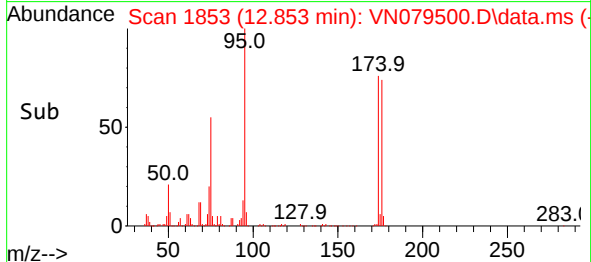
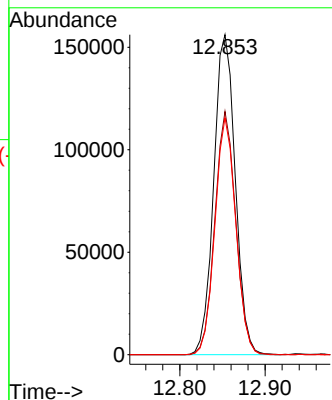
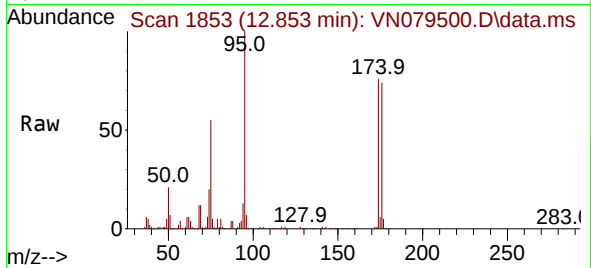




#62
4-Bromofluorobenzene
Concen: 53.209 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

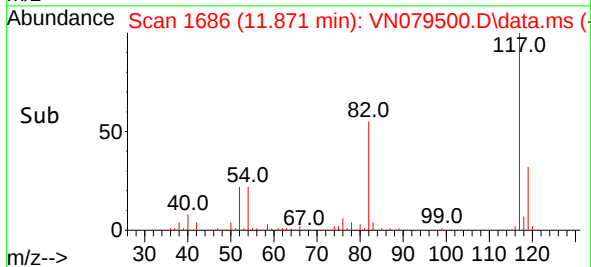
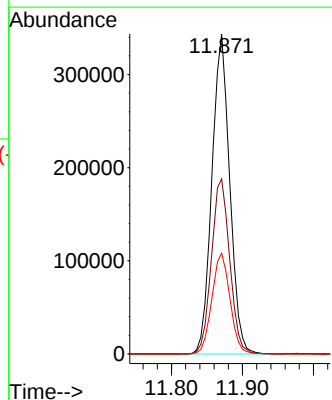
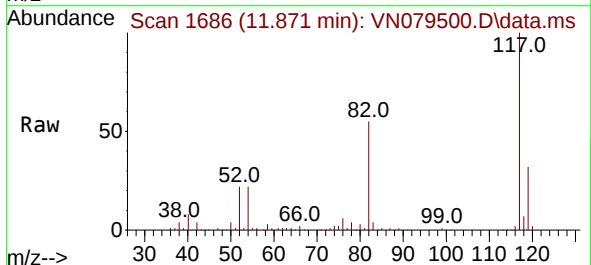
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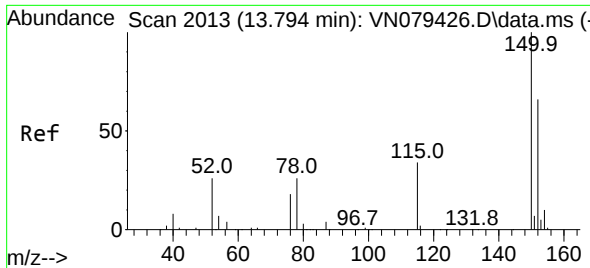
Tgt Ion: 95 Resp: 274087
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

Tgt Ion: 117 Resp: 599439
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 31.5 25.6 38.4

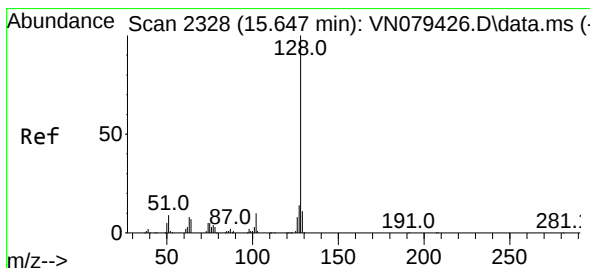
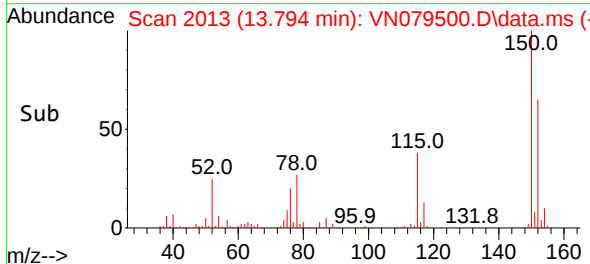
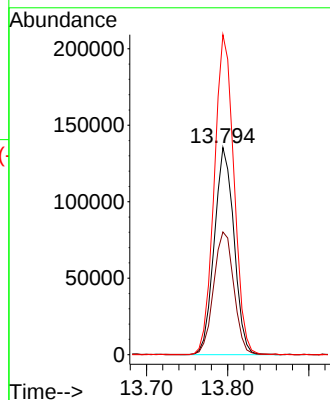
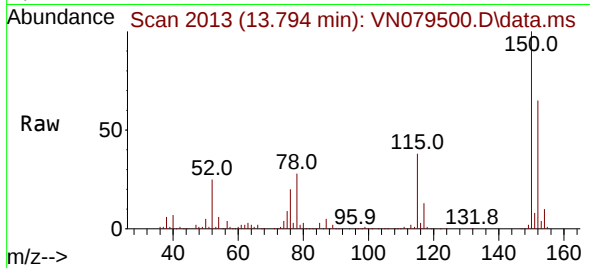




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

Instrument :
MSVOA_N
ClientSampleId :
VNJ-241

Tgt Ion:152 Resp: 228271
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 154.5 0.0 355.8



#95
Naphthalene
Concen: 3.327 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN079500.D
Acq: 10 Oct 2023 18:01

Tgt Ion:128 Resp: 25346
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.7 8.7 13.1

