

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079515.D
 Acq On : 11 Oct 2023 14:24
 Operator : JC\MD
 Sample : 04813-08DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-10DL

Quant Time: Oct 12 06:09:11 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)

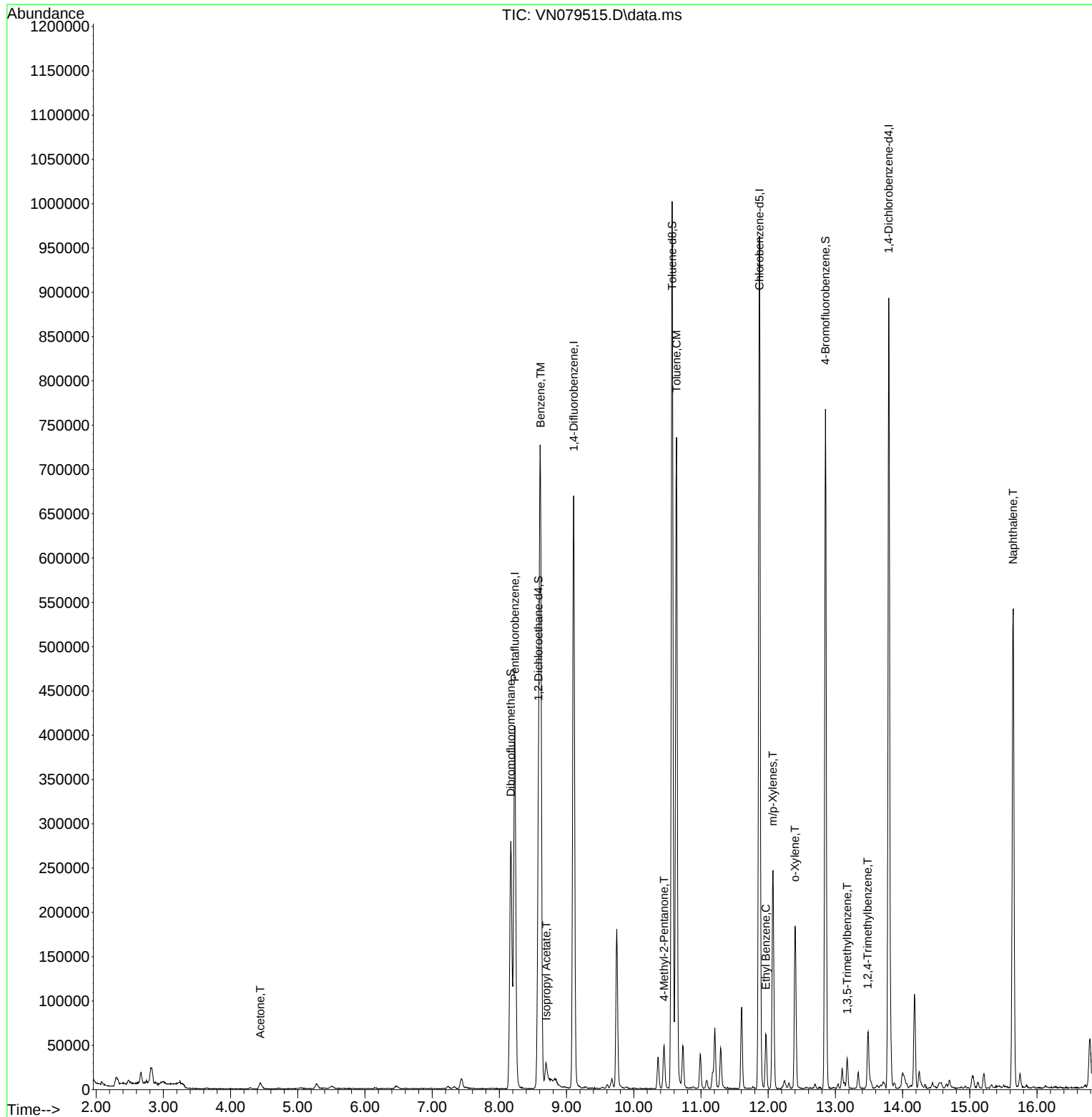
Internal Standards						
1) Pentafluorobenzene	8.230	168	291453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	565308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	549997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	225113	47.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.280%		
35) Dibromofluoromethane	8.171	113	203058	49.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.960%		
50) Toluene-d8	10.571	98	668826	45.500	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.000%		
62) 4-Bromofluorobenzene	12.853	95	255594	54.182	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.360%		
Target Compounds						Qvalue
16) Acetone	4.442	43	13298	7.095	ug/l	97
40) Benzene	8.612	78	671050	37.059	ug/l	98
43) Isopropyl Acetate	8.700	43	33408	3.143	ug/l #	71
51) 4-Methyl-2-Pentanone	10.453	43	35079	5.846	ug/l	86
52) Toluene	10.635	92	322375	30.245	ug/l	99
67) Ethyl Benzene	11.965	91	42692	2.005	ug/l	99
68) m/p-Xylenes	12.071	106	76676	9.912	ug/l	95
69) o-Xylene	12.400	106	48655	6.396	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	16386	1.013	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	39612	2.566	ug/l	95
95) Naphthalene	15.647	128	490191	66.605	ug/l	99

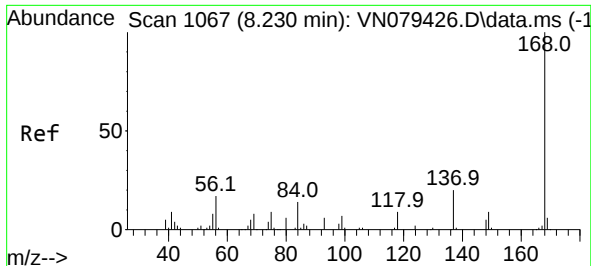
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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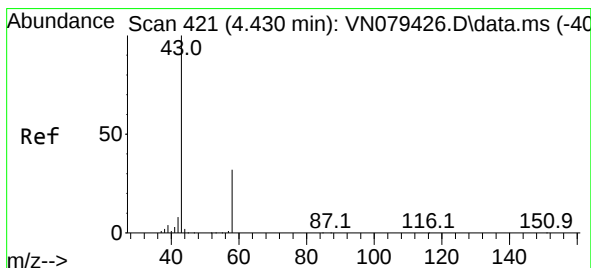
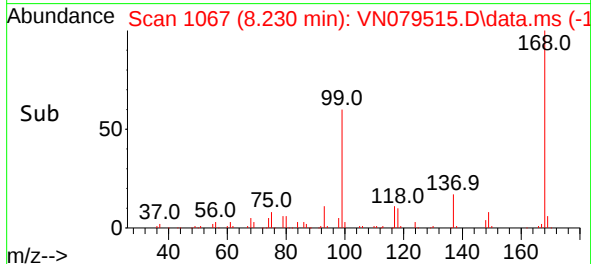
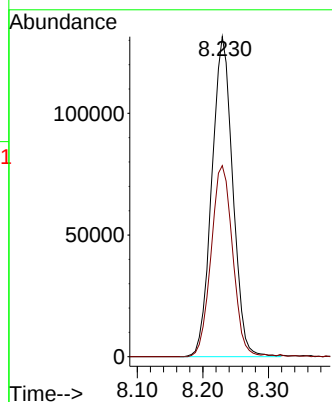
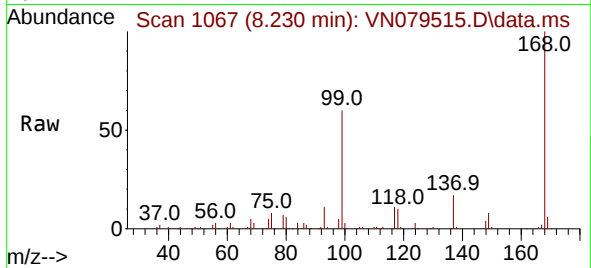




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

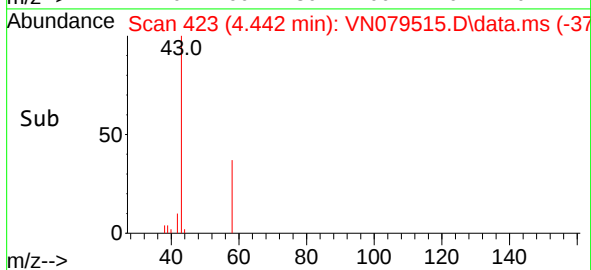
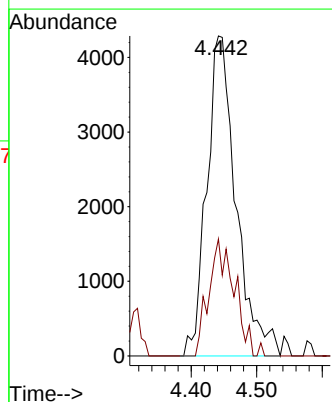
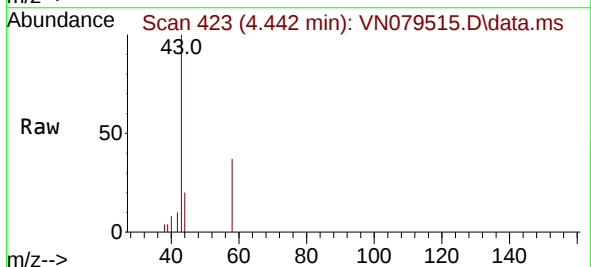
Instrument :
MSVOA_N
ClientSampleId :
S-10DL

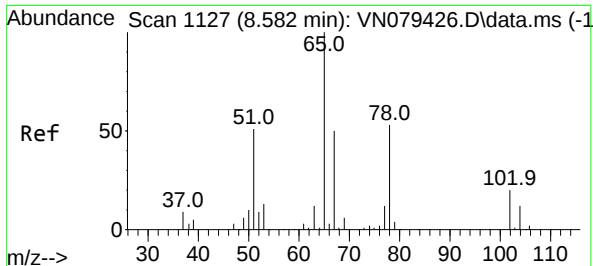
Tgt Ion:168 Resp: 291453
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#16
Acetone
Concen: 7.095 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

Tgt Ion: 43 Resp: 13298
Ion Ratio Lower Upper
43 100
58 36.6 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 47.636 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079515.D

Acq: 11 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

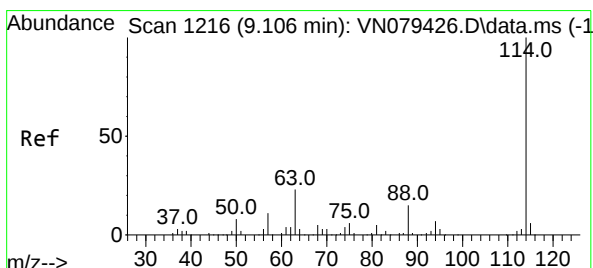
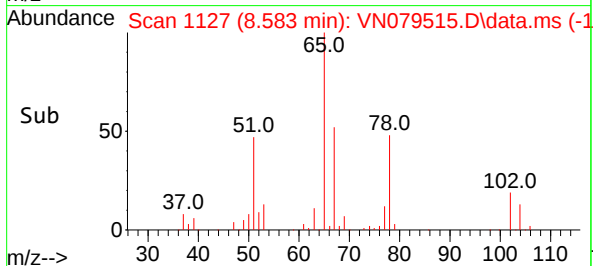
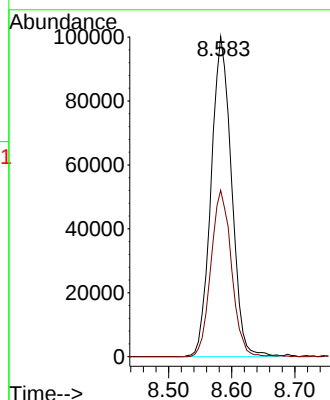
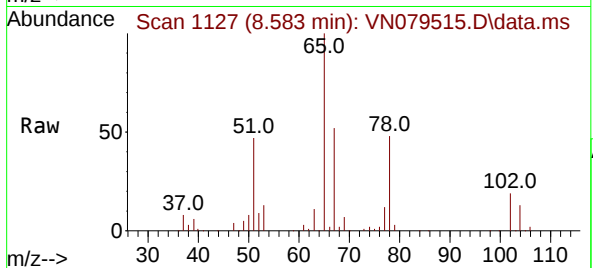
S-10DL

Tgt Ion: 65 Resp: 225113

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079515.D

Acq: 11 Oct 2023 14:24

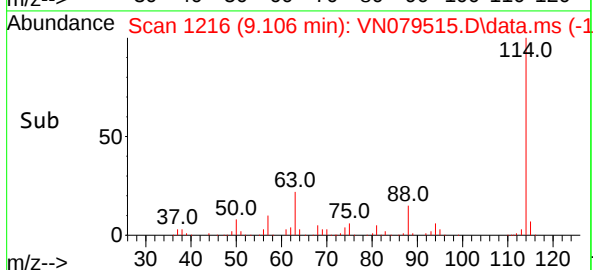
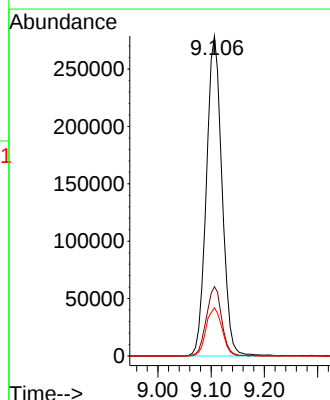
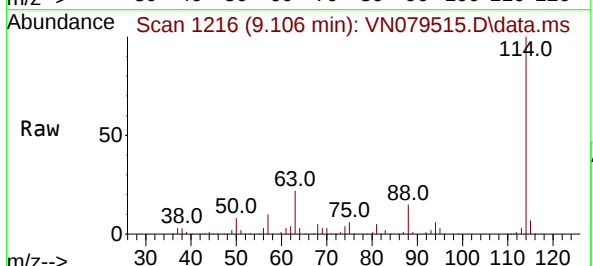
Tgt Ion: 114 Resp: 565308

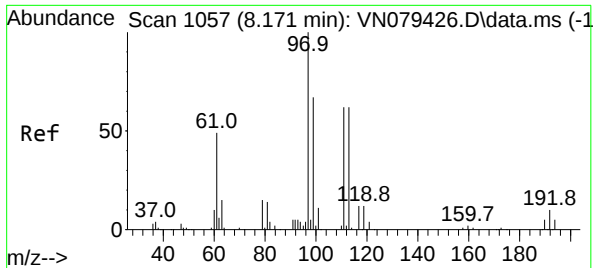
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.0 0.0 30.6

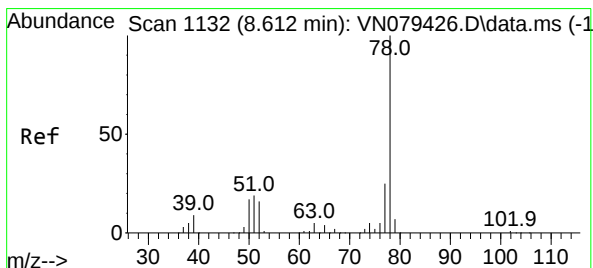
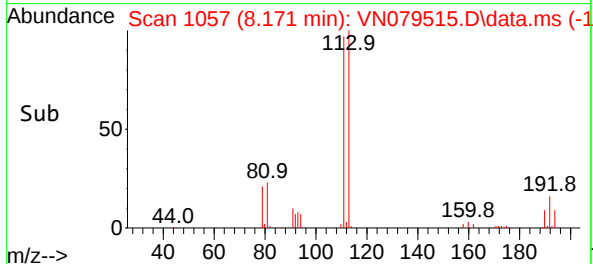
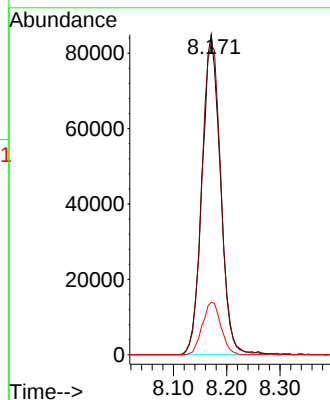
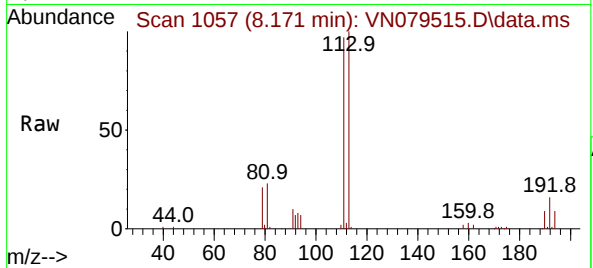




#35
Dibromofluoromethane
Concen: 49.983 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

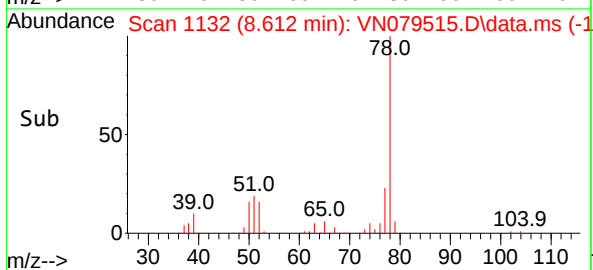
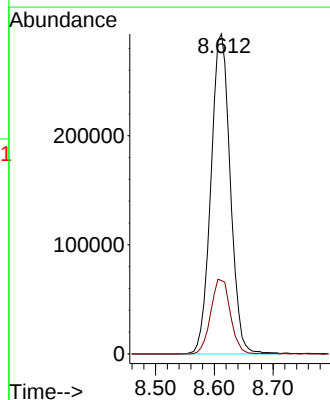
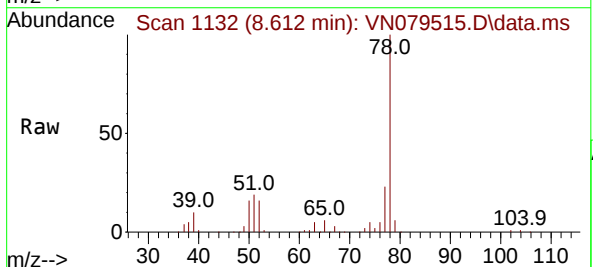
Instrument :
MSVOA_N
ClientSampleId :
S-10DL

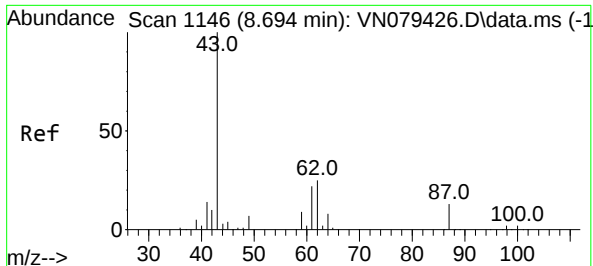
Tgt Ion:113 Resp: 203058
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 16.6 12.7 19.1



#40
Benzene
Concen: 37.059 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

Tgt Ion: 78 Resp: 671050
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#43

Isopropyl Acetate

Concen: 3.143 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN079515.D

Acq: 11 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

S-10DL

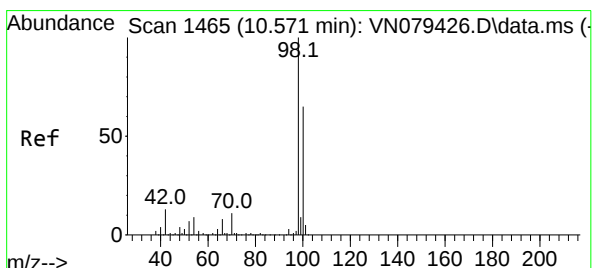
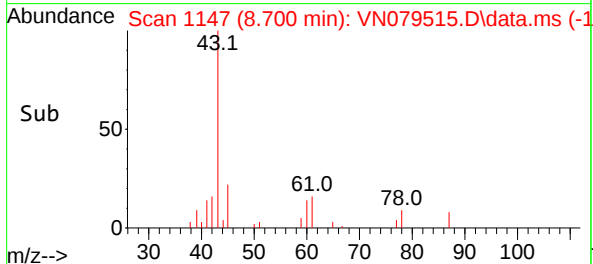
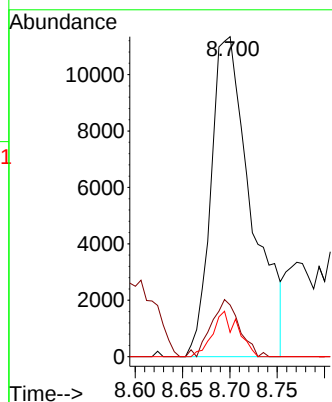
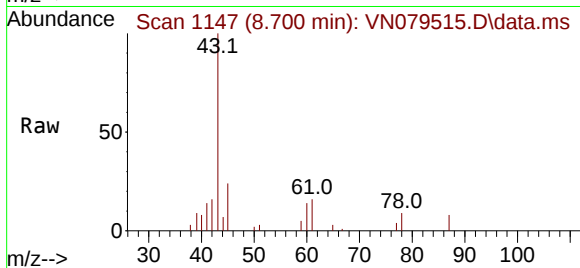
Tgt Ion: 43 Resp: 33408

Ion Ratio Lower Upper

43 100

61 12.5 24.7 37.1#

87 9.0 14.6 21.8#



#50

Toluene-d8

Concen: 45.500 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079515.D

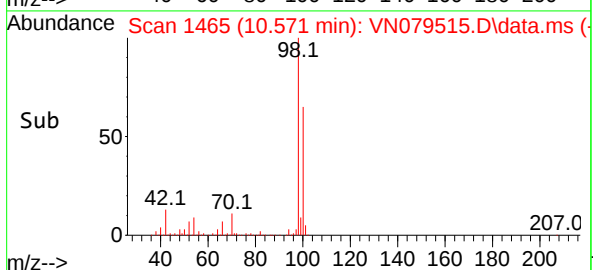
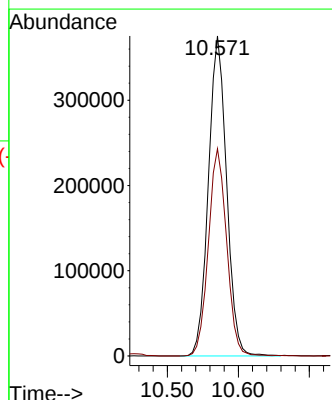
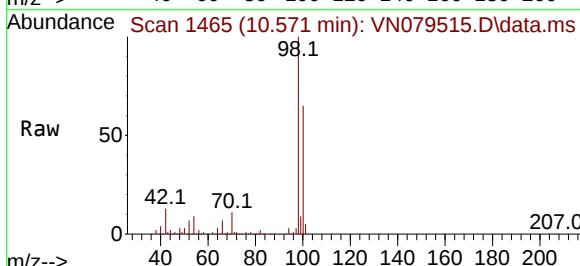
Acq: 11 Oct 2023 14:24

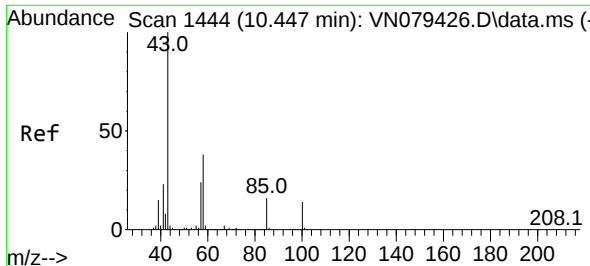
Tgt Ion: 98 Resp: 668826

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

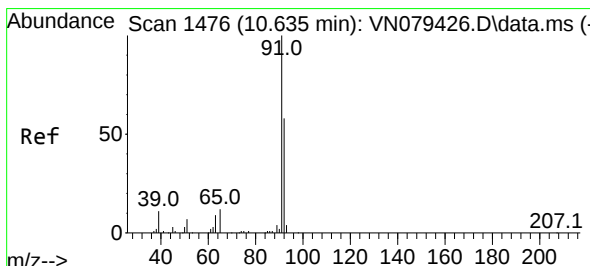
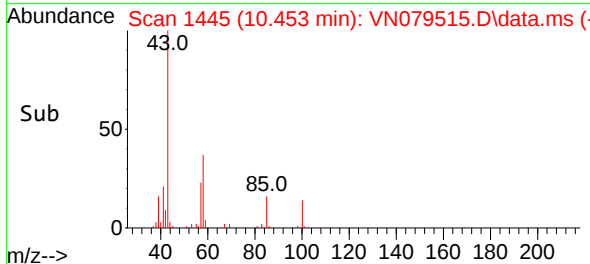
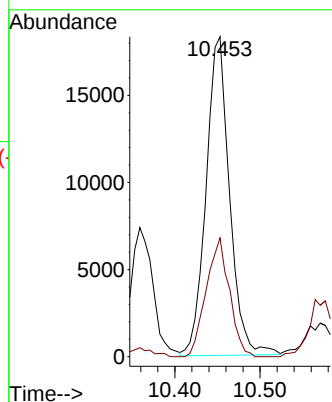
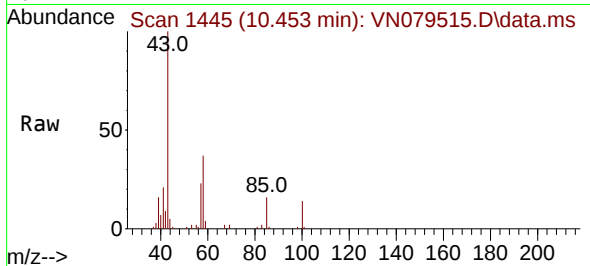




#51
4-Methyl-2-Pentanone
Concen: 5.846 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

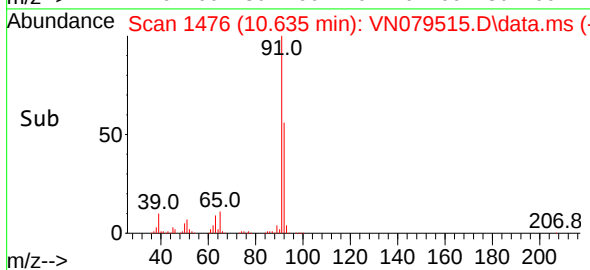
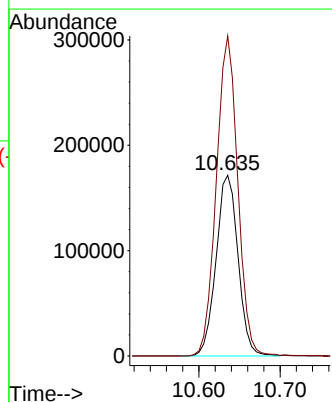
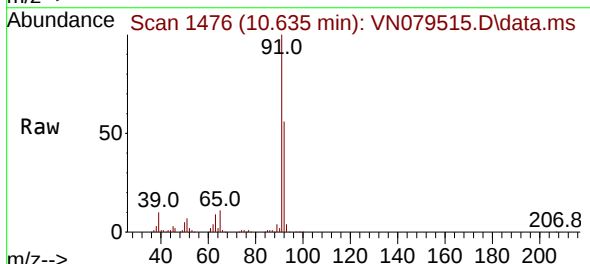
Instrument :
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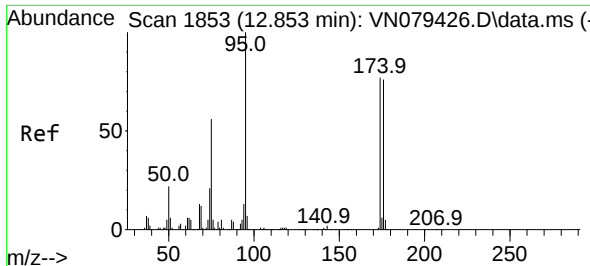
Tgt Ion: 43 Resp: 35079
Ion Ratio Lower Upper
43 100
58 36.8 36.6 54.8



#52
Toluene
Concen: 30.245 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

Tgt Ion: 92 Resp: 322375
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0

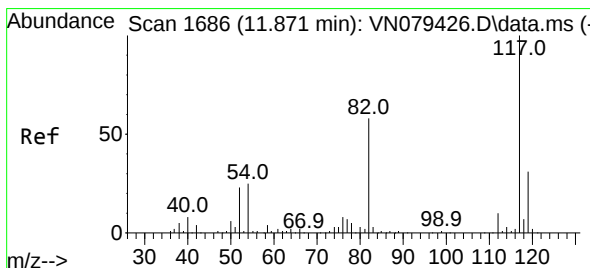
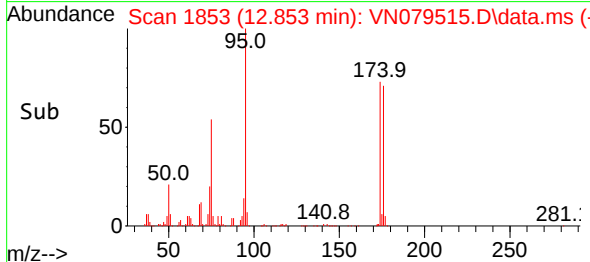
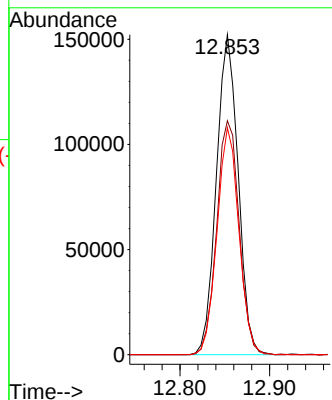
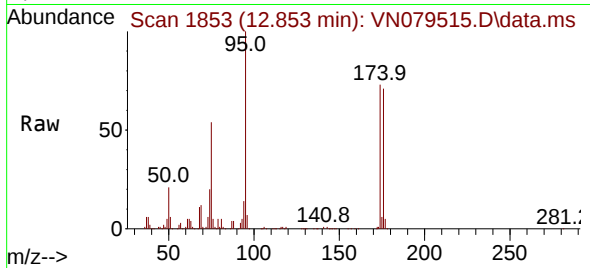




#62
4-Bromofluorobenzene
Concen: 54.182 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

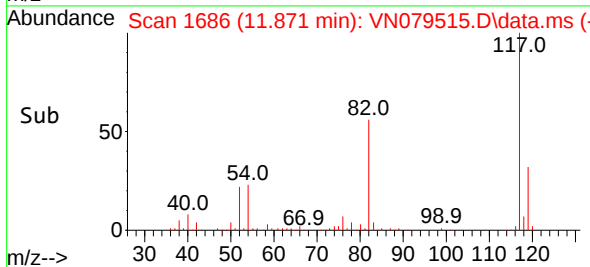
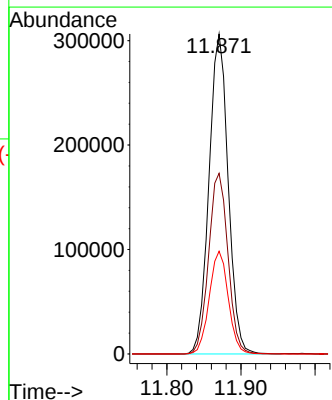
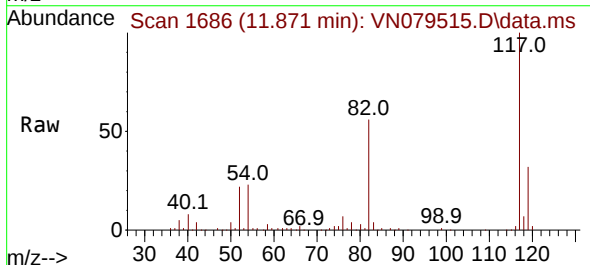
Instrument :
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S-10DL

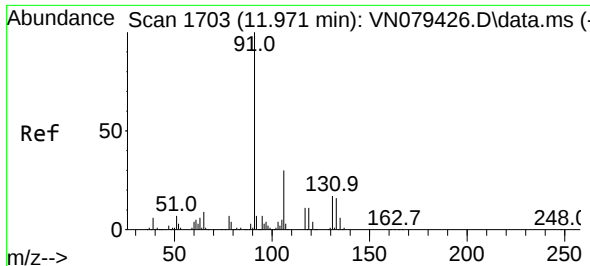
Tgt Ion: 95 Resp: 255594
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

Tgt Ion: 117 Resp: 549997
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 32.1 25.6 38.4





#67

Ethyl Benzene

Concen: 2.005 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079515.D

Acq: 11 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

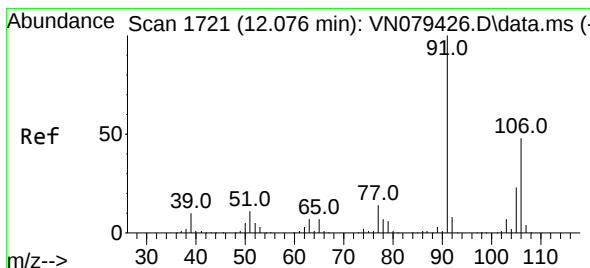
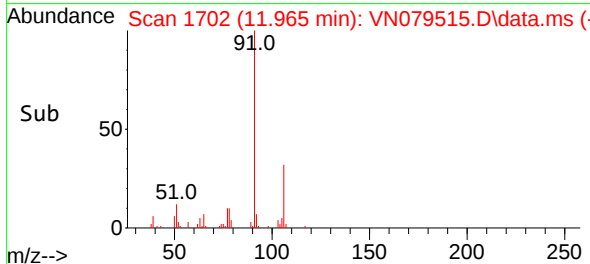
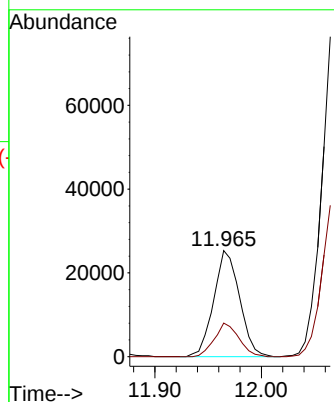
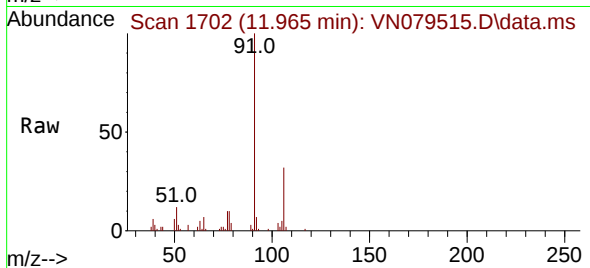
S-10DL

Tgt Ion: 91 Resp: 42692

Ion Ratio Lower Upper

91 100

106 31.7 25.6 38.4



#68

m/p-Xylenes

Concen: 9.912 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.005 min

Lab File: VN079515.D

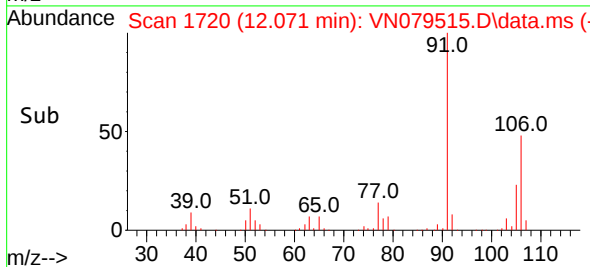
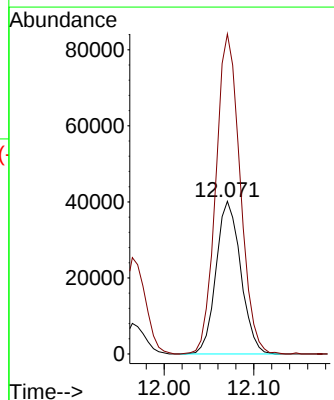
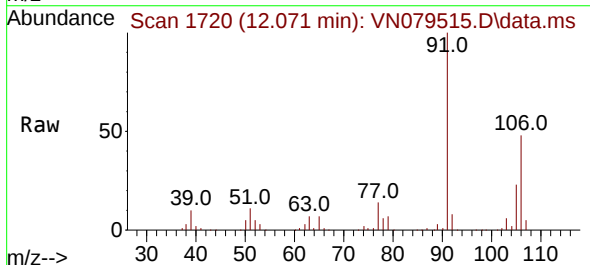
Acq: 11 Oct 2023 14:24

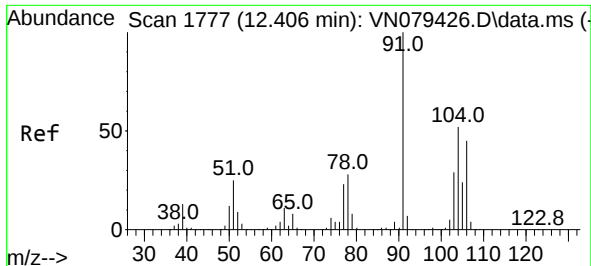
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Ion Ratio Lower Upper

106 100

91 206.4 159.6 239.4

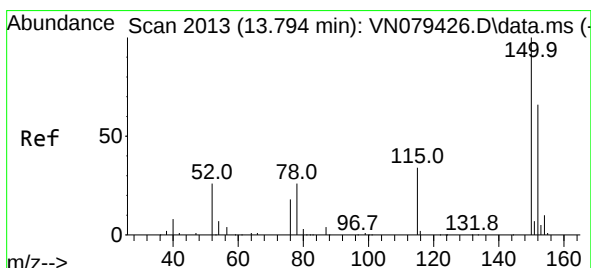
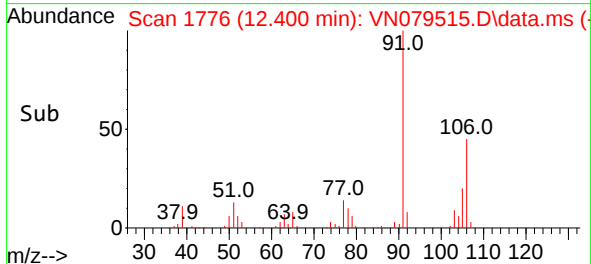
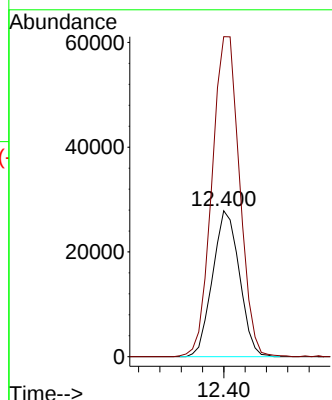
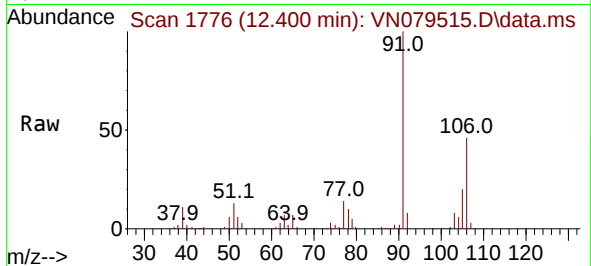




#69
o-Xylene
Concen: 6.396 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

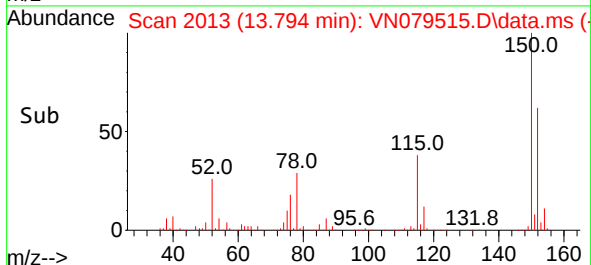
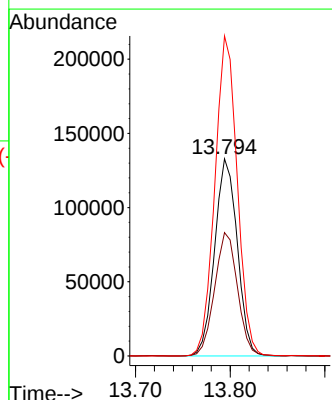
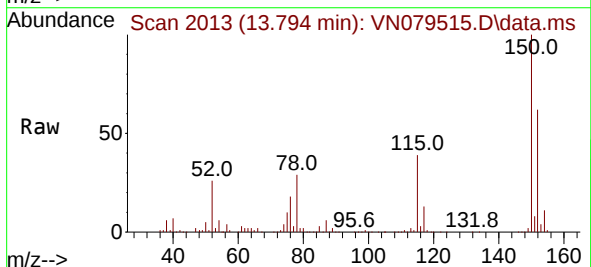
Instrument :
MSVOA_N
ClientSampleId :
S-10DL

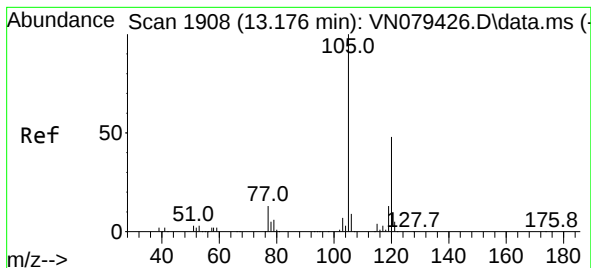
Tgt Ion:106 Resp: 48655
Ion Ratio Lower Upper
106 100
91 226.3 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079515.D
Acq: 11 Oct 2023 14:24

Tgt Ion:152 Resp: 220499
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 160.3 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 1.013 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079515.D

Acq: 11 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

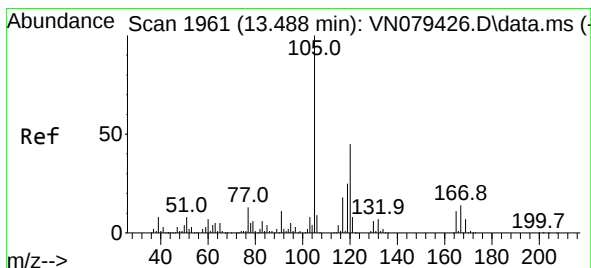
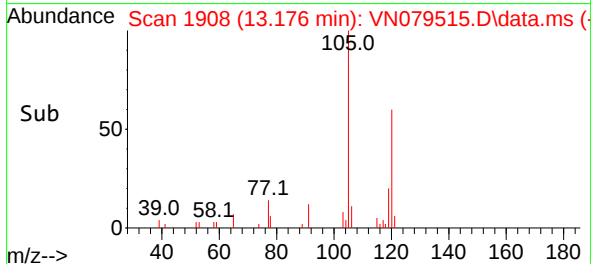
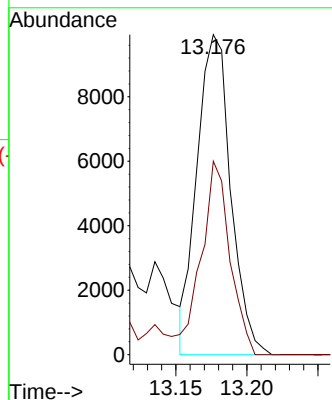
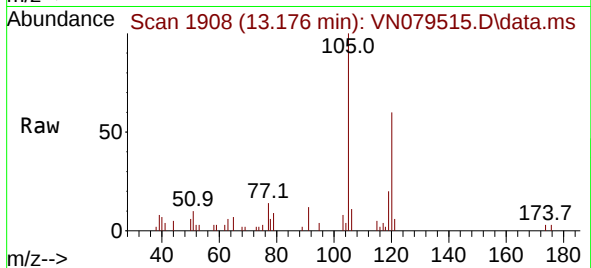
S-10DL

Tgt Ion:105 Resp: 16386

Ion Ratio Lower Upper

105 100

120 52.1 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 2.566 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN079515.D

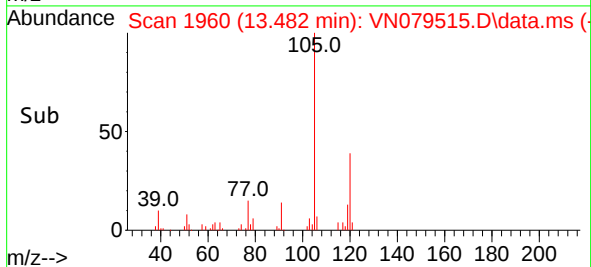
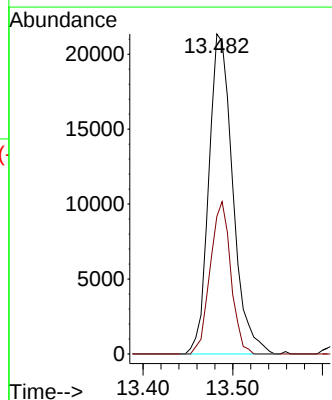
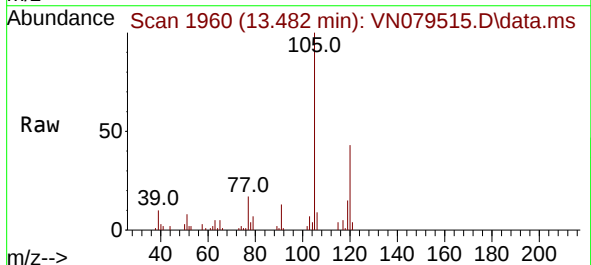
Acq: 11 Oct 2023 14:24

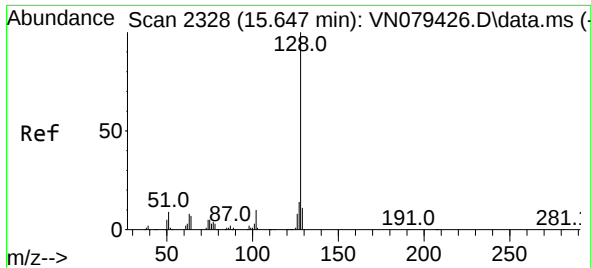
Tgt Ion:105 Resp: 39612

Ion Ratio Lower Upper

105 100

120 40.9 22.0 66.0





#95

Naphthalene

Concen: 66.605 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079515.D

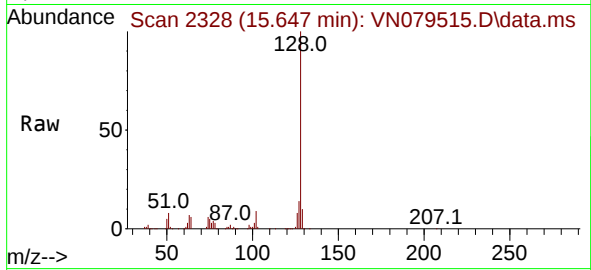
Acq: 11 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :

S-10DL



Tgt Ion:128 Resp: 490191

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.1 8.7 13.1

