

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079533.D
 Acq On : 11 Oct 2023 21:36
 Operator : JC\MD
 Sample : 04823-06DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-3DL

Quant Time: Oct 12 06:16:40 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	326741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	620454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	623460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	257533	48.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.220%
35) Dibromofluoromethane	8.171	113	223404	50.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.200%
50) Toluene-d8	10.571	98	730264	45.264	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.520%
62) 4-Bromofluorobenzene	12.853	95	280466	54.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.340%

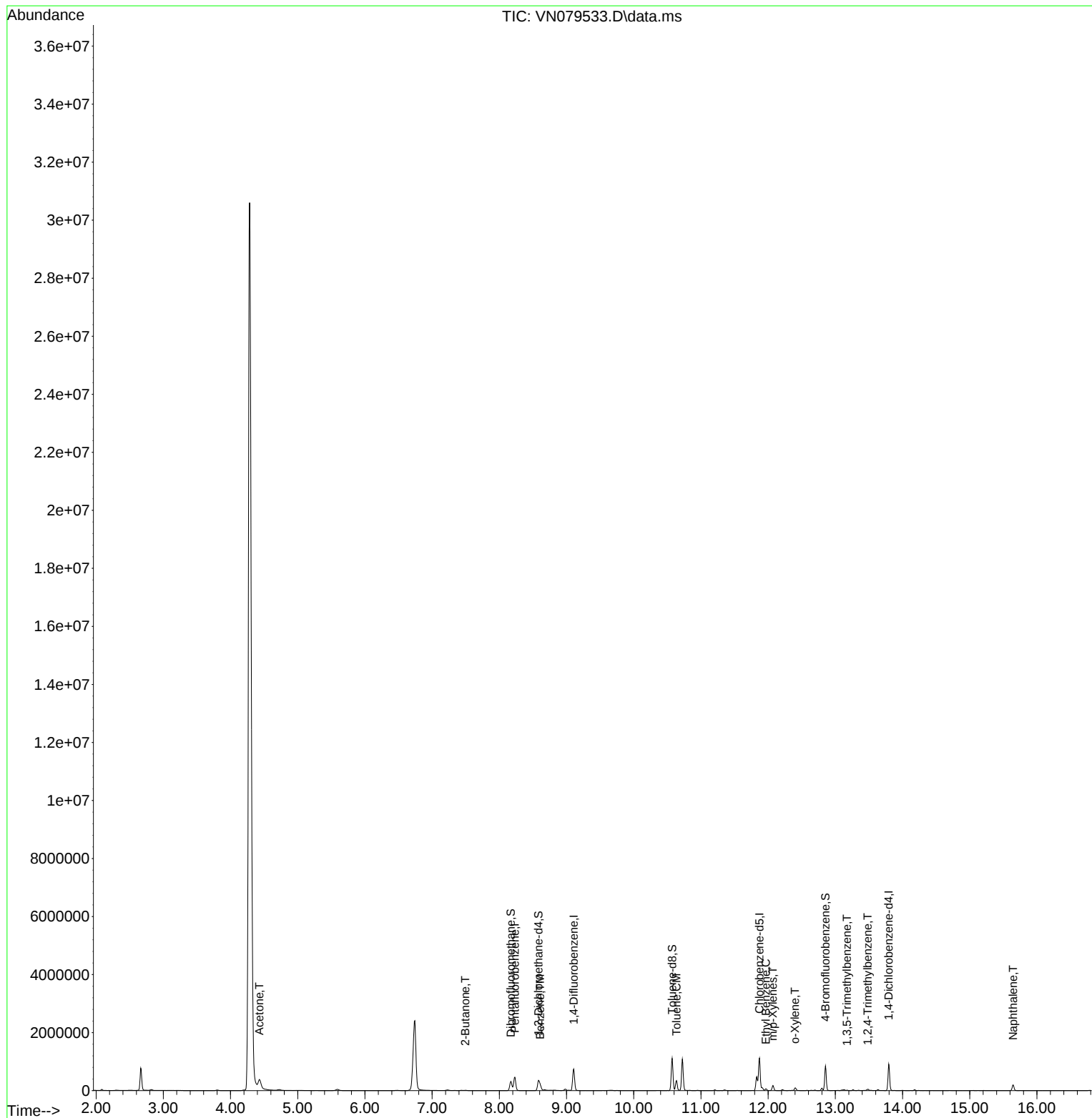
Target Compounds						Qvalue
16) Acetone	4.430	43	538358	256.202	ug/l #	64
25) 2-Butanone	7.494	43	17081	5.477	ug/l #	84
40) Benzene	8.606	78	146969	7.395	ug/l	100
52) Toluene	10.635	92	148950	12.732	ug/l	100
67) Ethyl Benzene	11.965	91	38363	1.590	ug/l	96
68) m/p-Xylenes	12.071	106	51036	5.820	ug/l	90
69) o-Xylene	12.400	106	21545	2.498	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	6918	0.419	ug/l	86
84) 1,2,4-Trimethylbenzene	13.482	105	20575	1.306	ug/l	97
95) Naphthalene	15.647	128	180442	24.031	ug/l	99

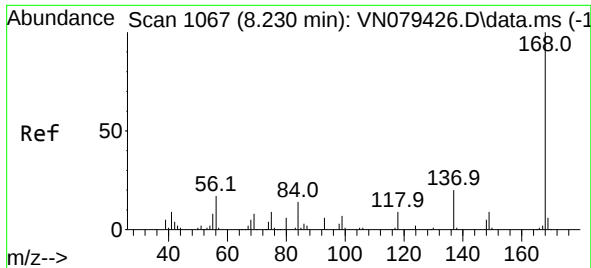
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

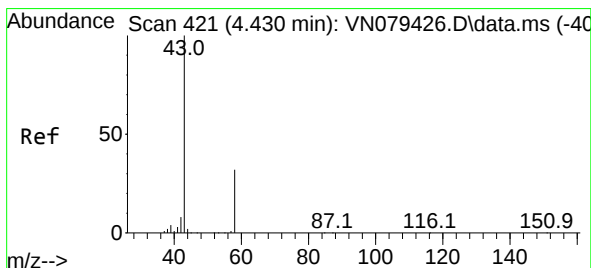
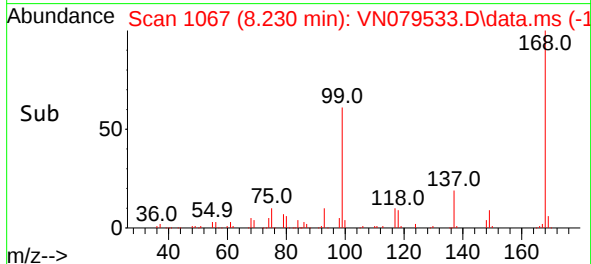
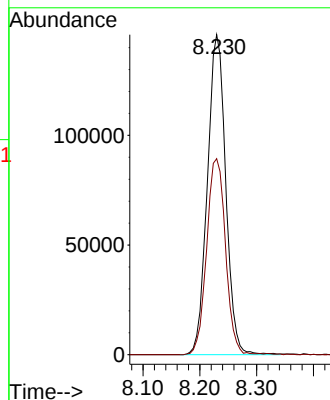
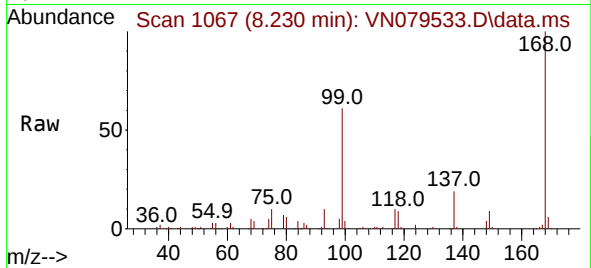




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

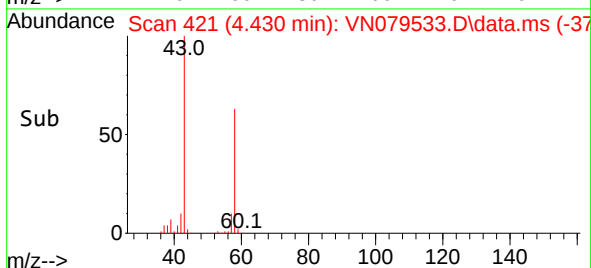
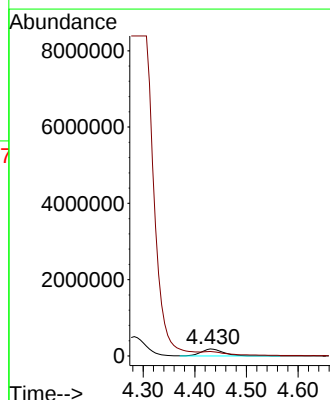
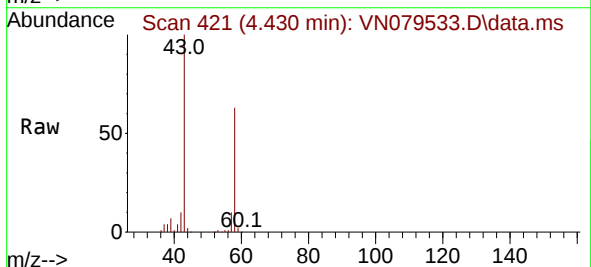
Instrument :
MSVOA_N
ClientSampleId :
TOTES-3DL

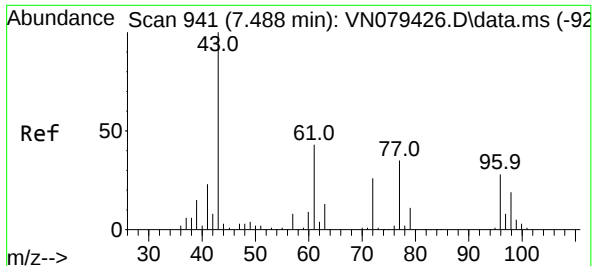
Tgt Ion:168 Resp: 326741
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#16
Acetone
Concen: 256.202 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 43 Resp: 538358
Ion Ratio Lower Upper
43 100
58 55.9 28.0 42.0#





#25

2-Butanone

Concen: 5.477 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN079533.D

Acq: 11 Oct 2023 21:36

Instrument :

MSVOA_N

ClientSampleId :

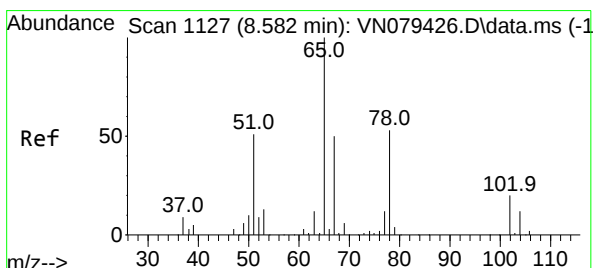
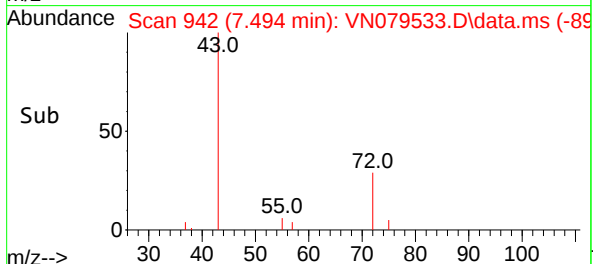
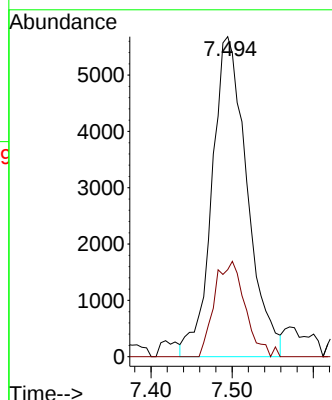
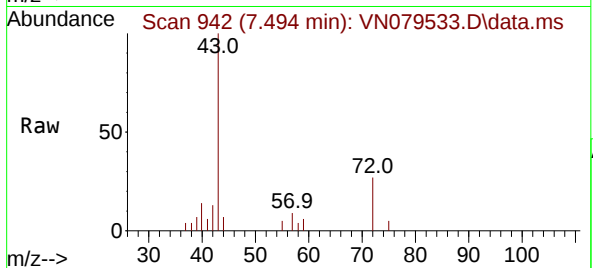
TOTES-3DL

Tgt Ion: 43 Resp: 17081

Ion Ratio Lower Upper

43 100

72 28.3 30.2 45.2#



#33

1,2-Dichloroethane-d4

Concen: 48.611 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079533.D

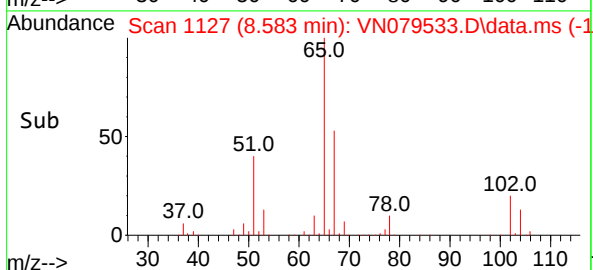
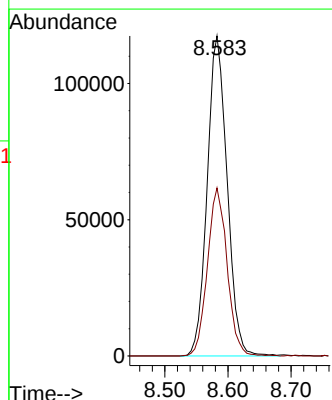
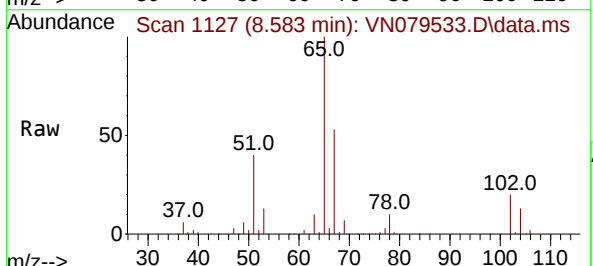
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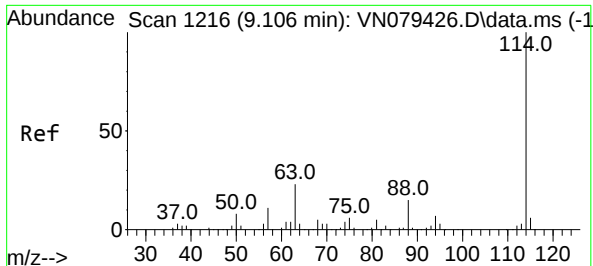
Tgt Ion: 65 Resp: 257533

Ion Ratio Lower Upper

65 100

67 51.9 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: VN079533.D

Acq: 11 Oct 2023 21:36

Instrument :

MSVOA_N

ClientSampleId :

TOTES-3DL

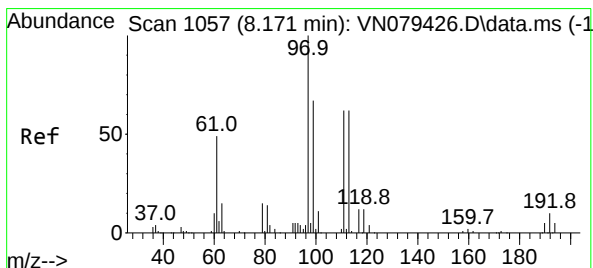
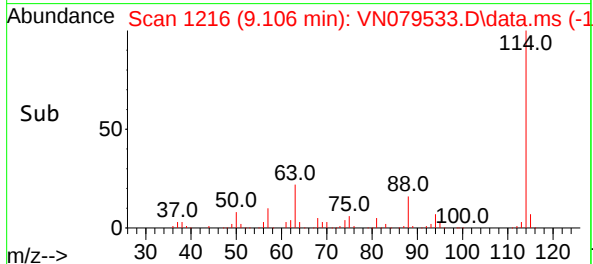
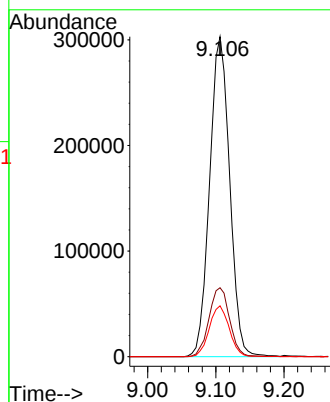
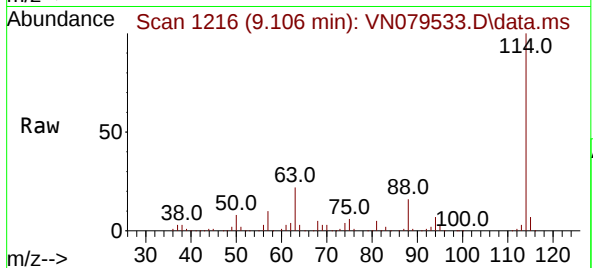
Tgt Ion:114 Resp: 620454

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.104 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079533.D

Acq: 11 Oct 2023 21:36

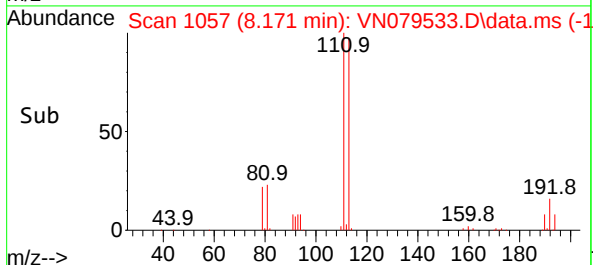
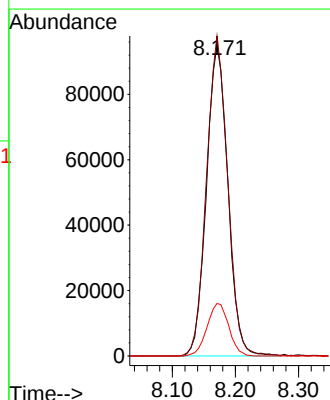
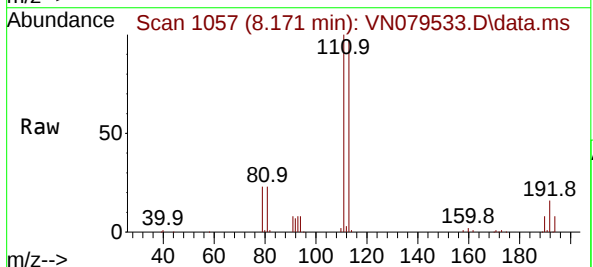
Tgt Ion:113 Resp: 223404

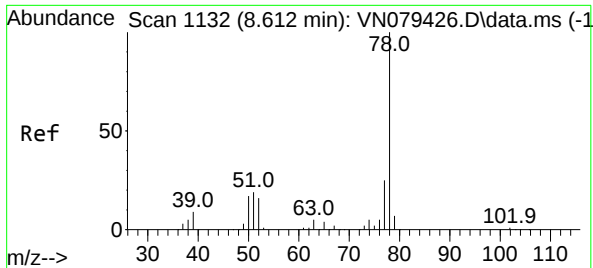
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 17.2 12.7 19.1

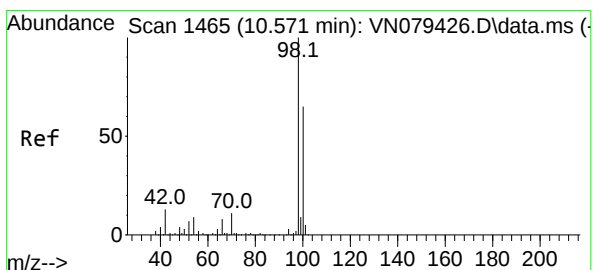
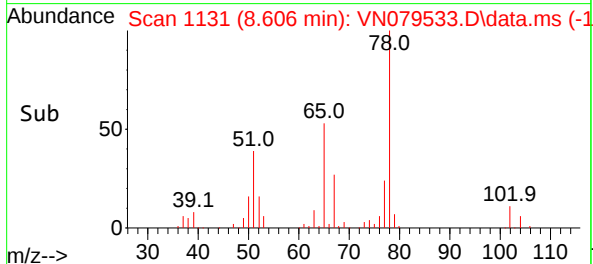
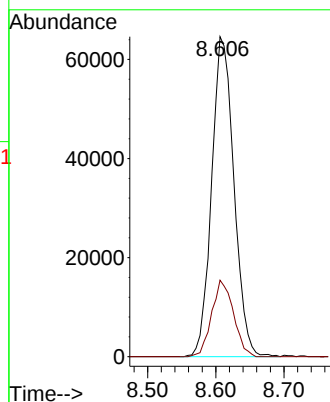
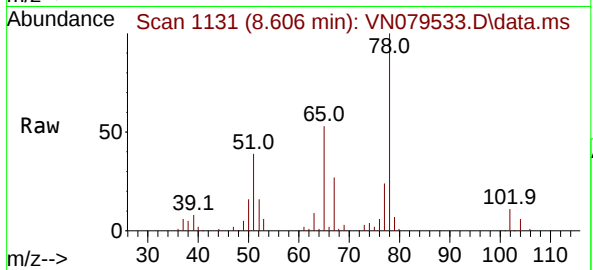




#40
Benzene
Concen: 7.395 ug/l
RT: 8.606 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

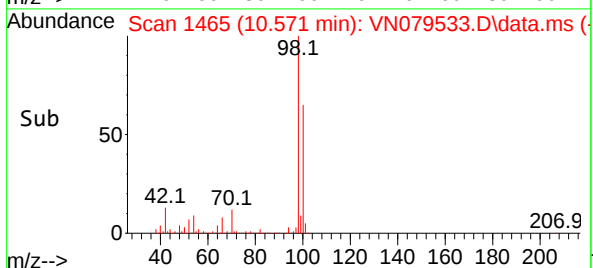
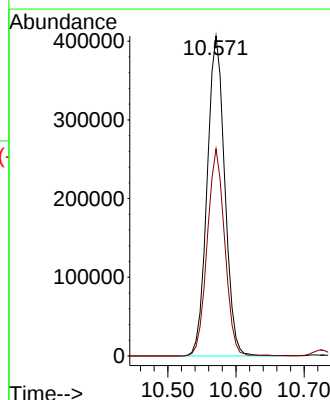
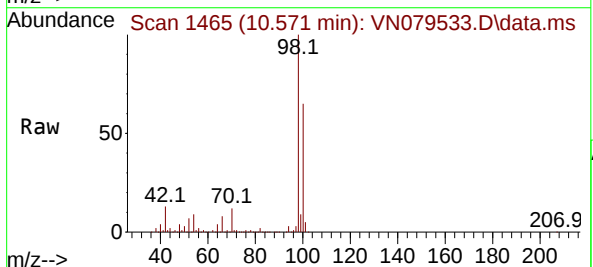
Instrument :
MSVOA_N
ClientSampleId :
TOTES-3DL

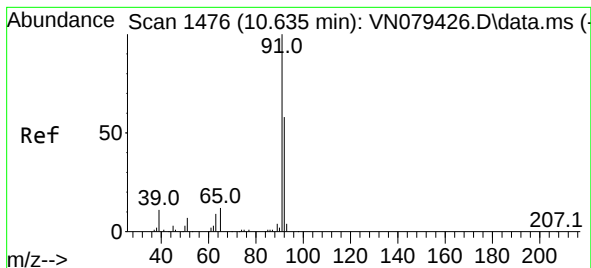
Tgt Ion: 78 Resp: 146969
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



#50
Toluene-d8
Concen: 45.264 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 98 Resp: 730264
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#52

Toluene

Concen: 12.732 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079533.D

Acq: 11 Oct 2023 21:36

Instrument :

MSVOA_N

ClientSampleId :

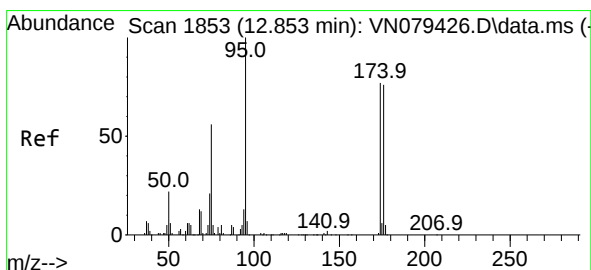
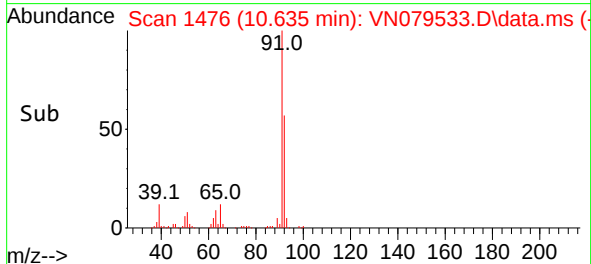
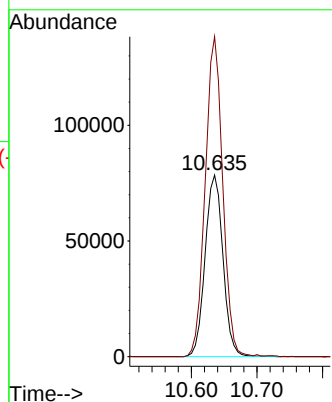
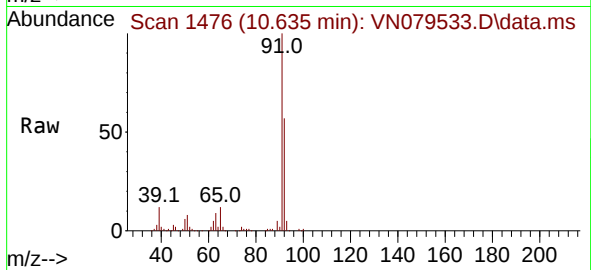
TOTES-3DL

Tgt Ion: 92 Resp: 148950

Ion Ratio Lower Upper

92 100

91 172.4 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 54.170 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079533.D

Acq: 11 Oct 2023 21:36

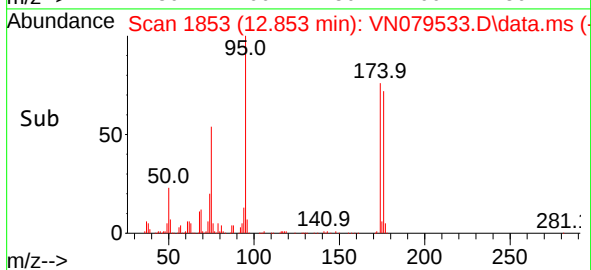
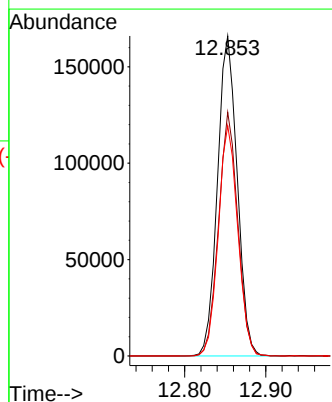
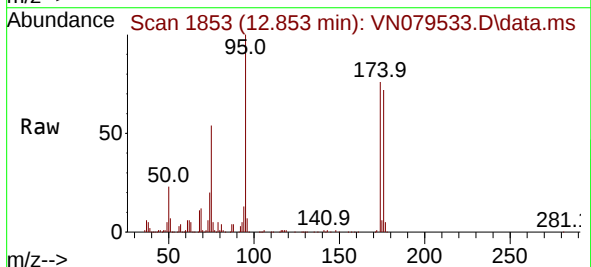
Tgt Ion: 95 Resp: 280466

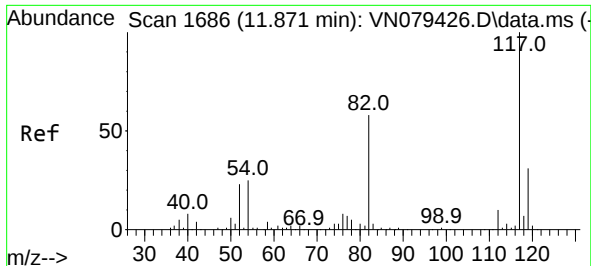
Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.8

176 70.9 0.0 135.8

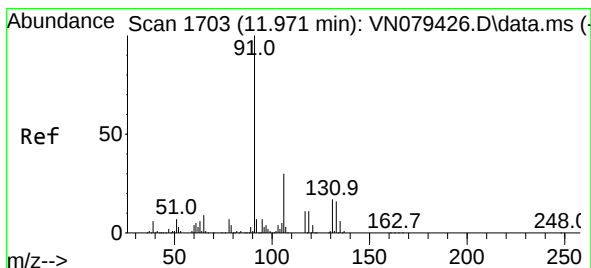
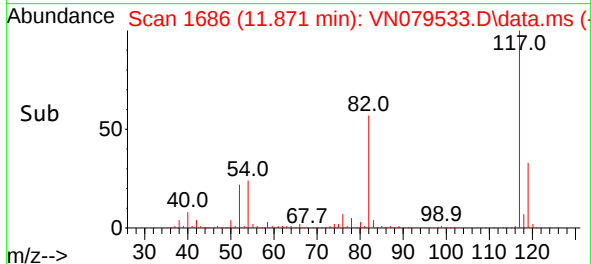
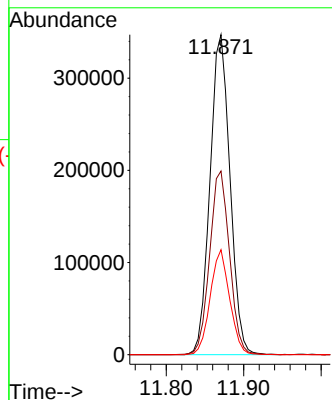
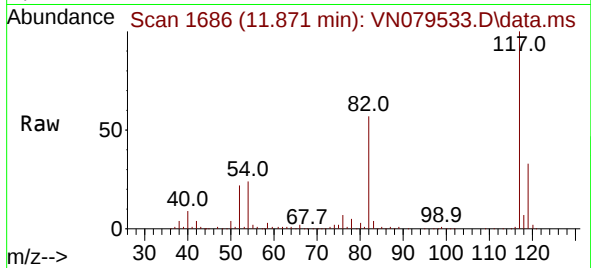




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

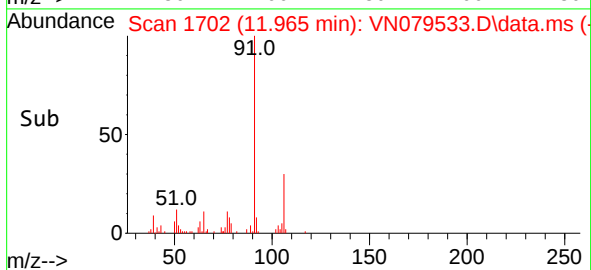
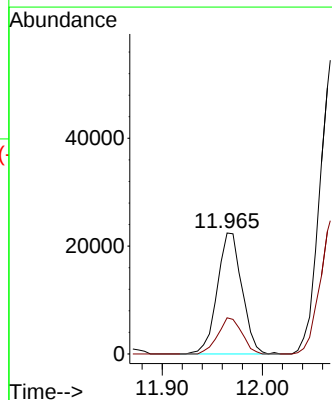
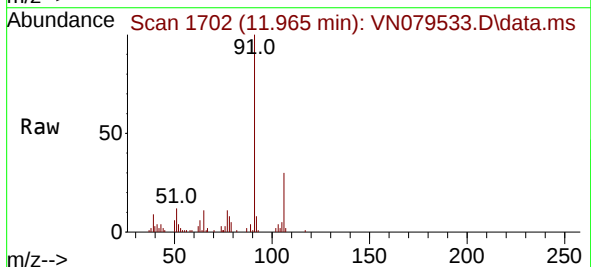
Instrument :
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TOTES-3DL

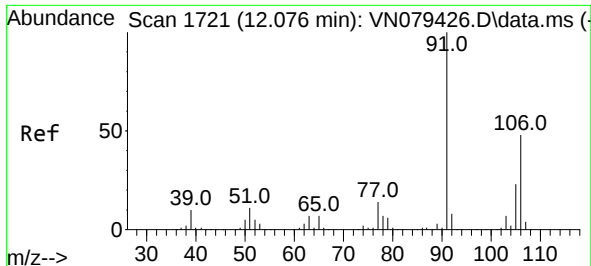
Tgt Ion:117 Resp: 623460
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 32.8 25.6 38.4



#67
Ethyl Benzene
Concen: 1.590 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion: 91 Resp: 38363
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4

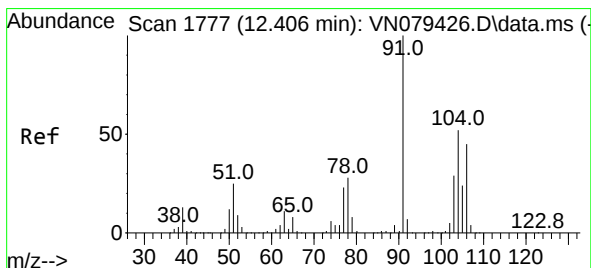
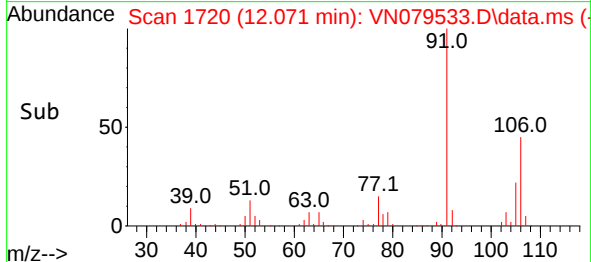
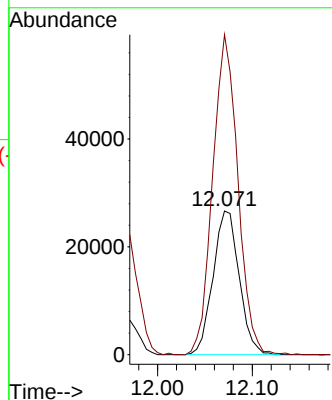
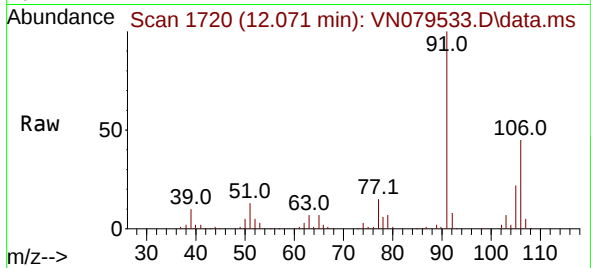




#68
m/p-Xylenes
Concen: 5.820 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.005 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

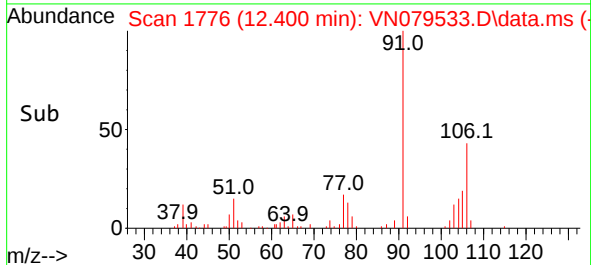
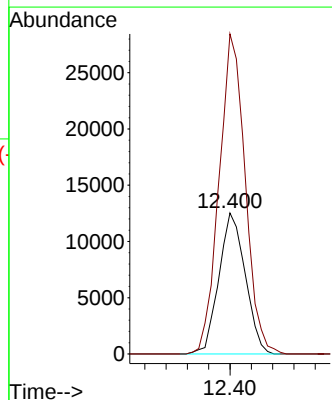
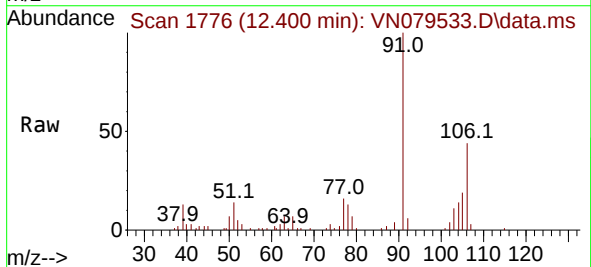
Instrument :
MSVOA_N
ClientSampleId :
TOTES-3DL

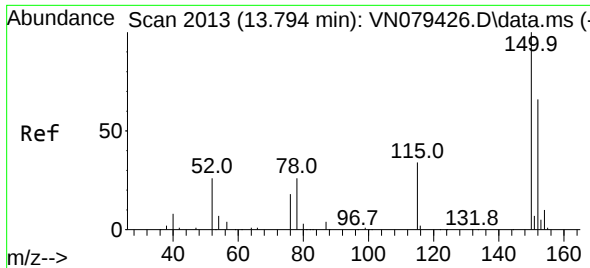
Tgt Ion:106 Resp: 51036
Ion Ratio Lower Upper
106 100
91 214.9 159.6 239.4



#69
o-Xylene
Concen: 2.498 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion:106 Resp: 21545
Ion Ratio Lower Upper
106 100
91 224.6 105.2 315.5

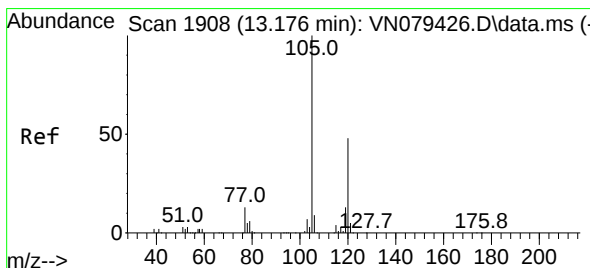
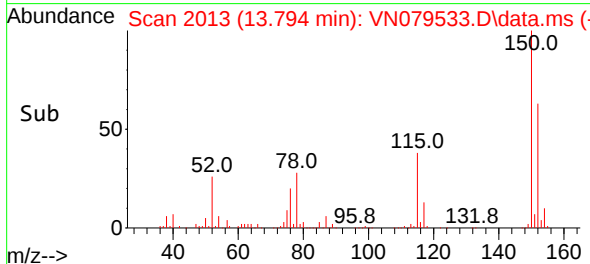
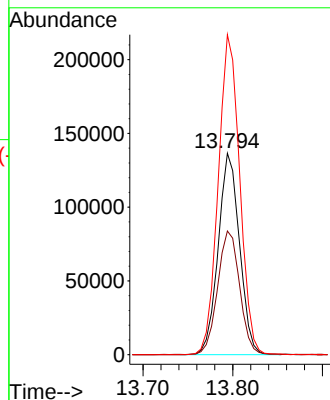
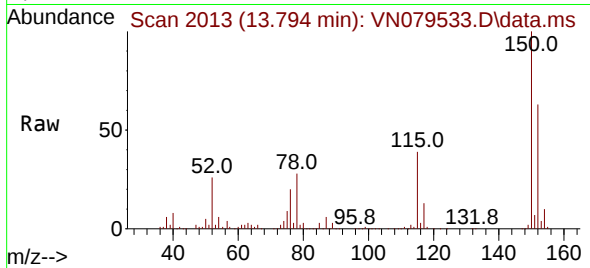




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079533.D
 Acq: 11 Oct 2023 21:36

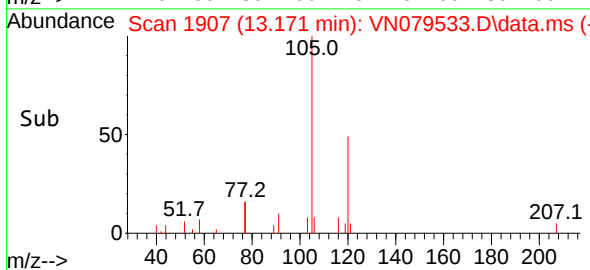
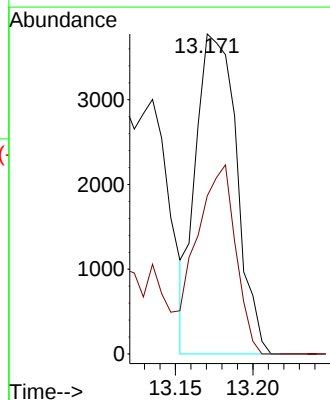
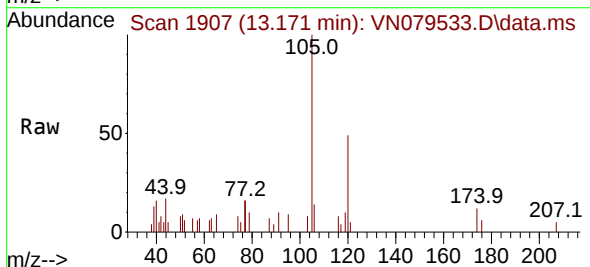
Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-3DL

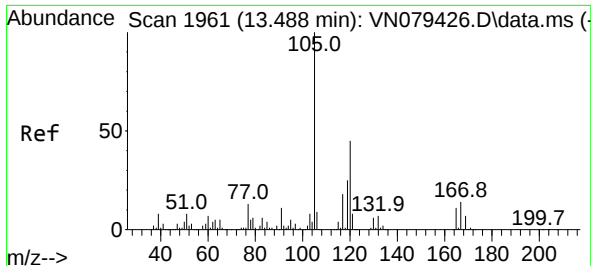
Tgt Ion:152 Resp: 224961
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.3 96.8
 150 160.2 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.419 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. -0.005 min
 Lab File: VN079533.D
 Acq: 11 Oct 2023 21:36

Tgt Ion:105 Resp: 6918
 Ion Ratio Lower Upper
 105 100
 120 57.7 24.1 72.3

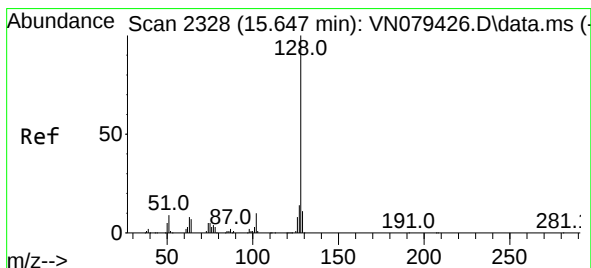
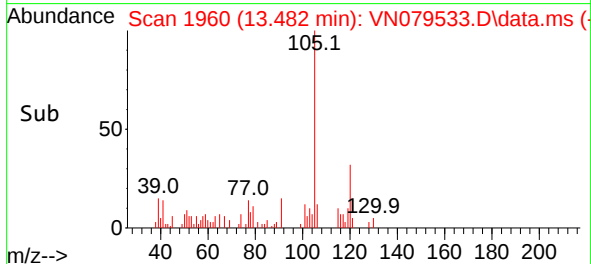
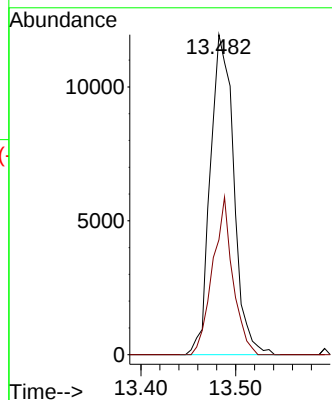
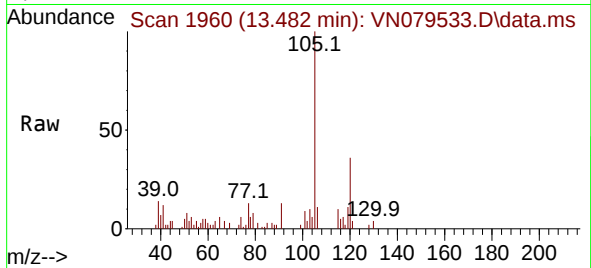




#84
1,2,4-Trimethylbenzene
Concen: 1.306 ug/l
RT: 13.482 min Scan# 1961
Delta R.T. -0.006 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Instrument :
MSVOA_N
ClientSampleId :
TOTES-3DL

Tgt Ion:105 Resp: 20575
Ion Ratio Lower Upper
105 100
120 42.3 22.0 66.0



#95
Naphthalene
Concen: 24.031 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079533.D
Acq: 11 Oct 2023 21:36

Tgt Ion:128 Resp: 180442
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.4 8.7 13.1

