

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079532.D
 Acq On : 11 Oct 2023 21:12
 Operator : JC\MD
 Sample : 04823-05DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-2DL

Quant Time: Oct 12 06:16:12 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)

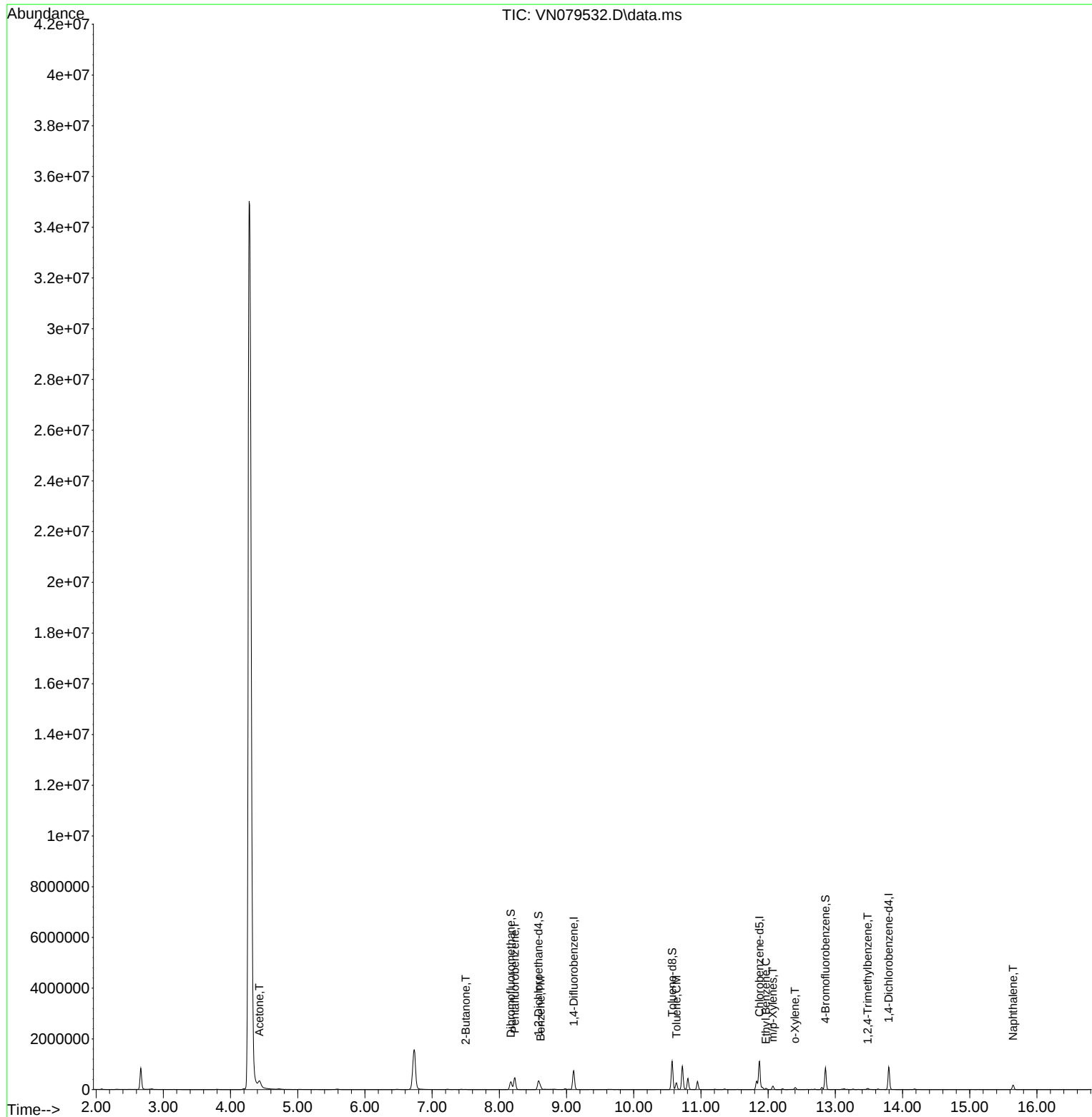
Internal Standards						
1) Pentafluorobenzene	8.230	168	325373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	615240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	623758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258877	49.070	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.140%
35) Dibromofluoromethane	8.171	113	222302	50.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.560%
50) Toluene-d8	10.571	98	733360	45.842	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.853	95	275916	53.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.480%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	425645	203.414	ug/l #	42
25) 2-Butanone	7.500	43	11212	3.610	ug/l #	80
40) Benzene	8.612	78	114025	5.786	ug/l	94
52) Toluene	10.635	92	113631	9.795	ug/l	95
67) Ethyl Benzene	11.965	91	32268	1.336	ug/l #	83
68) m/p-Xylenes	12.071	106	41233	4.700	ug/l	92
69) o-Xylene	12.400	106	18621	2.158	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	18374	1.177	ug/l	96
95) Naphthalene	15.647	128	163348	21.946	ug/l	98

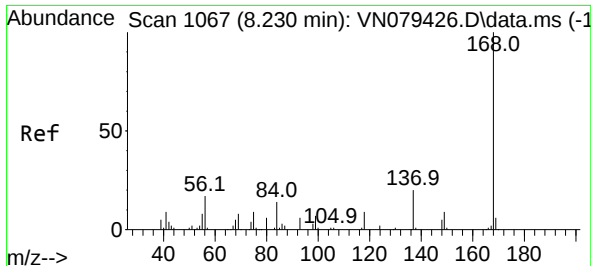
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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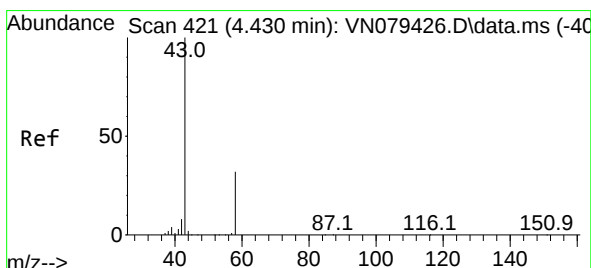
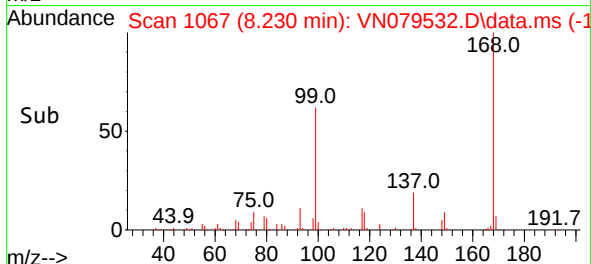
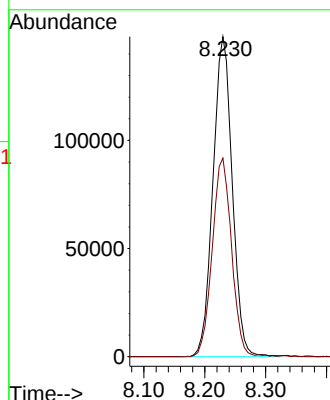
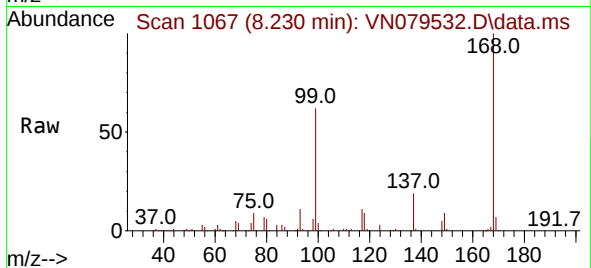




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079532.D
Acq: 11 Oct 2023 21:12

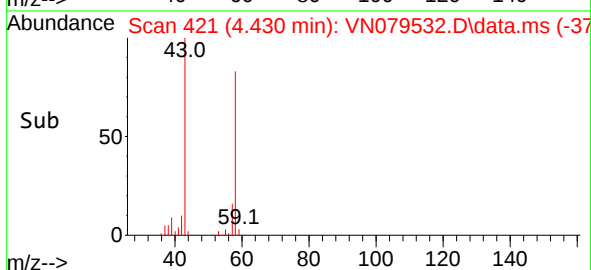
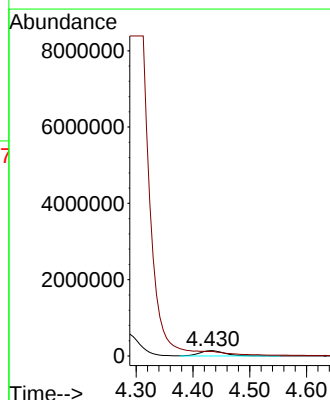
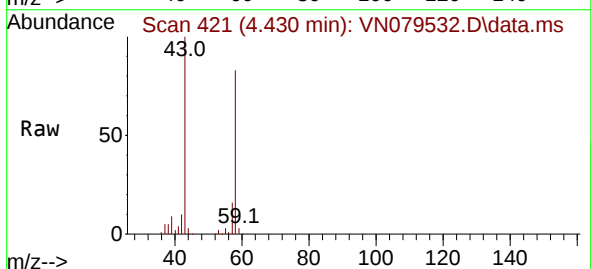
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2DL

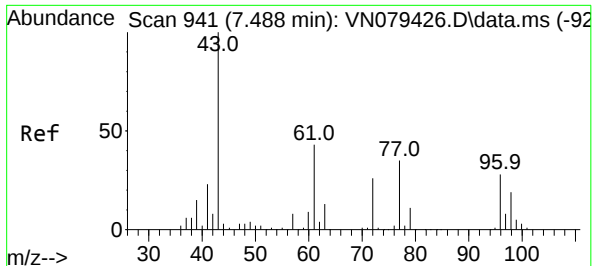
Tgt Ion:168 Resp: 325373
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 203.414 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079532.D
Acq: 11 Oct 2023 21:12

Tgt Ion: 43 Resp: 425645
Ion Ratio Lower Upper
43 100
58 69.0 28.0 42.0#





#25

2-Butanone

Concen: 3.610 ug/l

RT: 7.500 min Scan# 941

Delta R.T. 0.012 min

Lab File: VN079532.D

Acq: 11 Oct 2023 21:12

Instrument :

MSVOA_N

ClientSampleId :

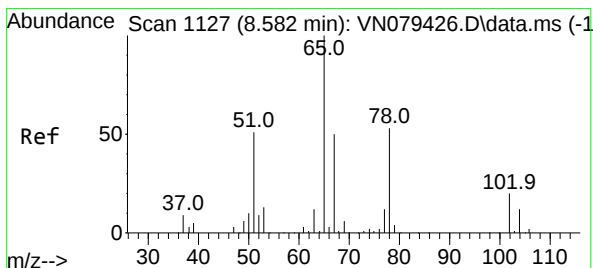
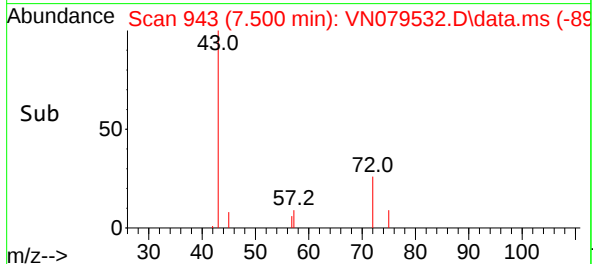
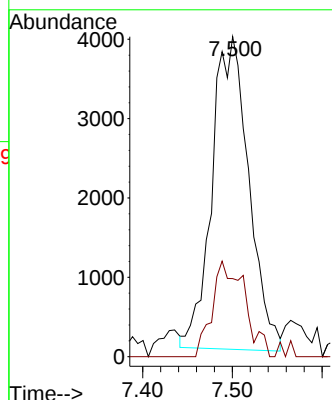
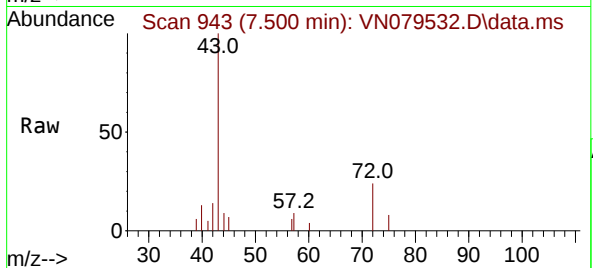
TOTES-2DL

Tgt Ion: 43 Resp: 11212

Ion Ratio Lower Upper

43 100

72 25.9 30.2 45.2#



#33

1,2-Dichloroethane-d4

Concen: 49.070 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079532.D

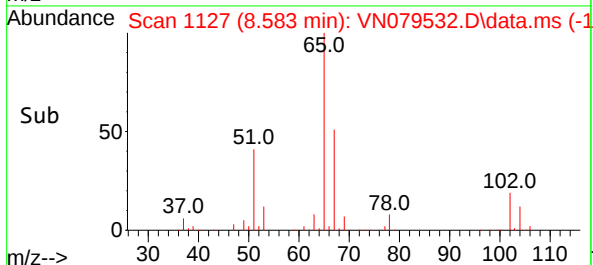
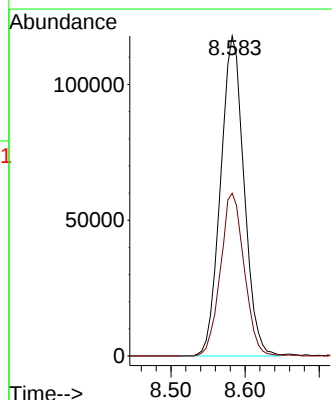
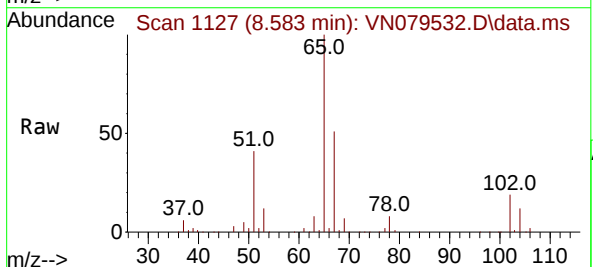
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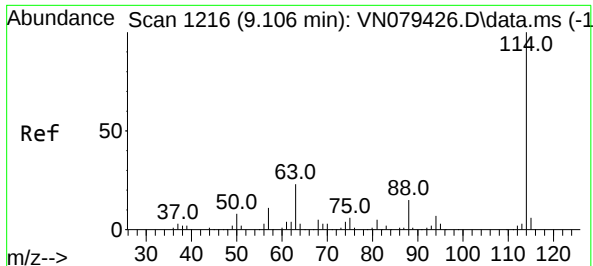
Tgt Ion: 65 Resp: 258877

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6

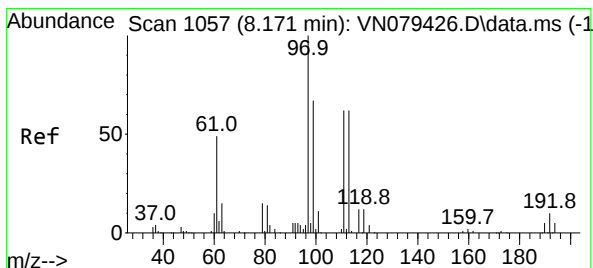
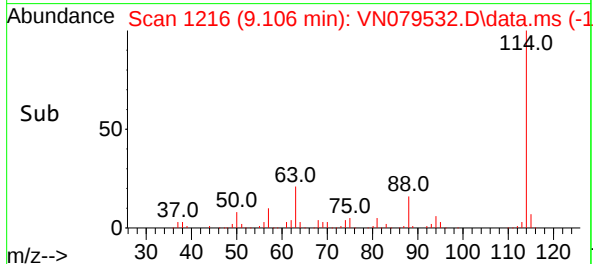
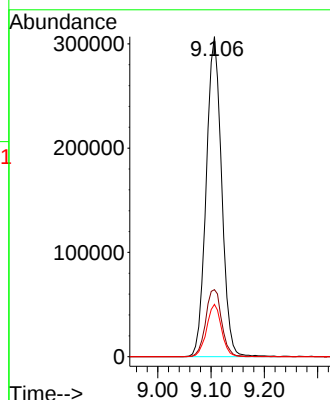
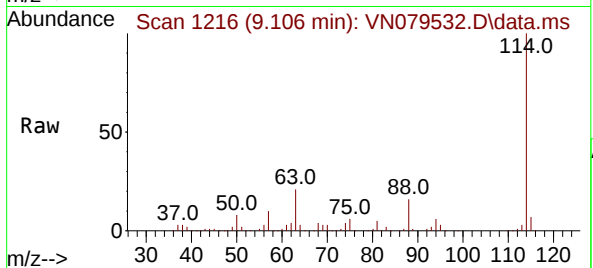




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079532.D
Acq: 11 Oct 2023 21:12

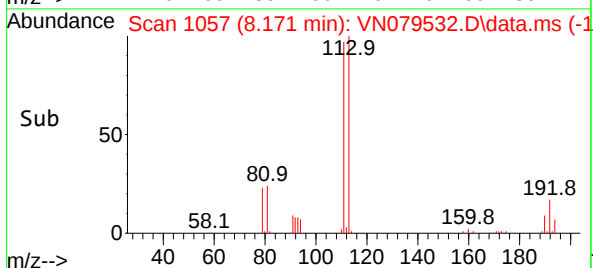
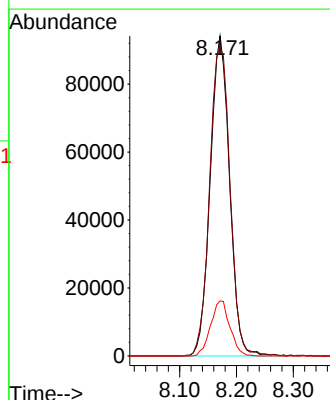
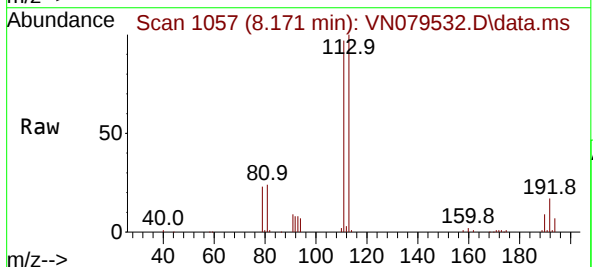
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2DL

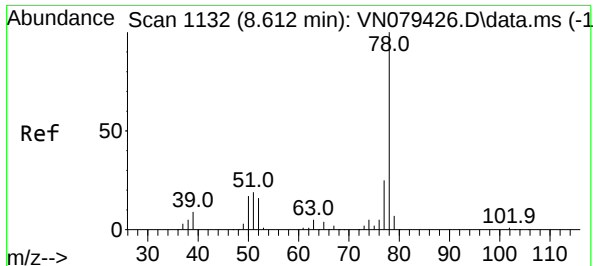
Tgt Ion:114 Resp: 615240
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 16.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.279 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079532.D
Acq: 11 Oct 2023 21:12

Tgt Ion:113 Resp: 222302
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 17.1 12.7 19.1





#40

Benzene

Concen: 5.786 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079532.D

Acq: 11 Oct 2023 21:12

Instrument :

MSVOA_N

ClientSampleId :

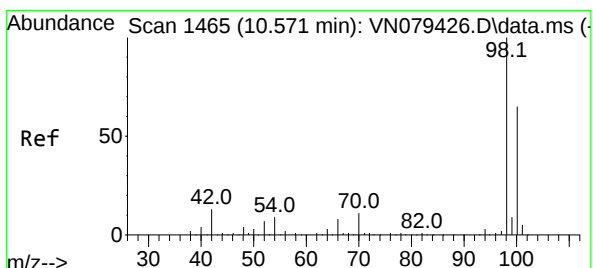
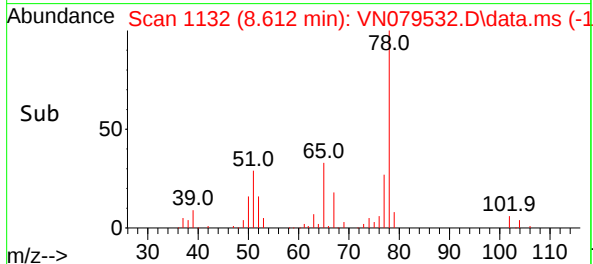
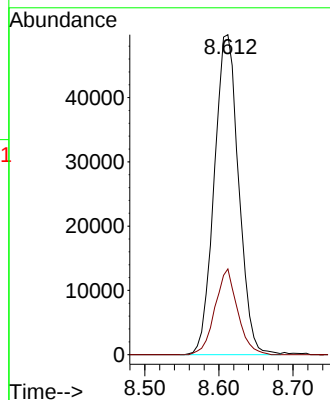
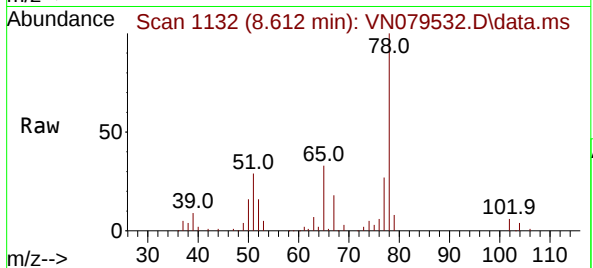
TOTES-2DL

Tgt Ion: 78 Resp: 114025

Ion Ratio Lower Upper

78 100

77 26.8 19.0 28.6



#50

Toluene-d8

Concen: 45.842 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079532.D

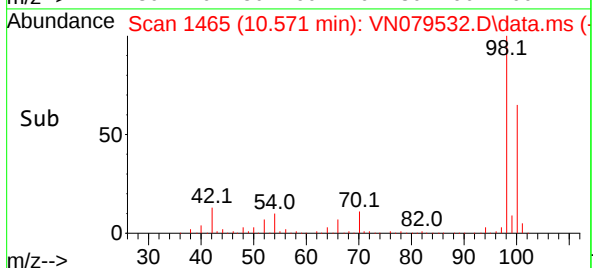
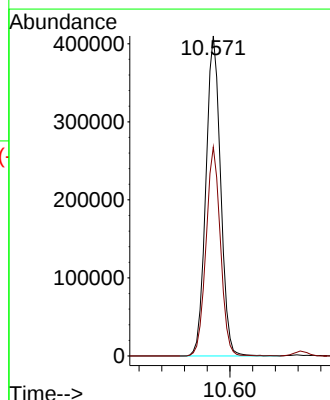
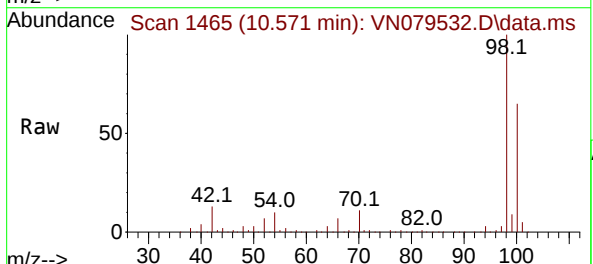
Acq: 11 Oct 2023 21:12

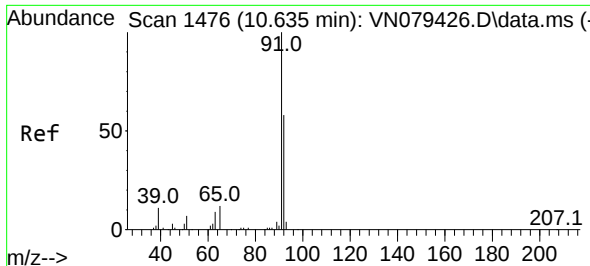
Tgt Ion: 98 Resp: 733360

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

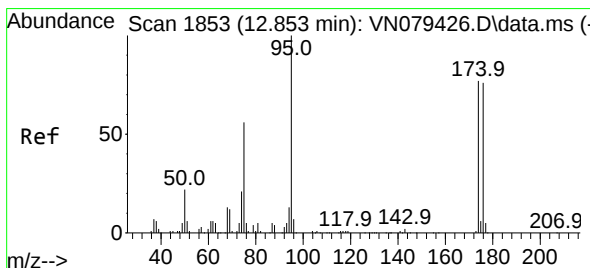
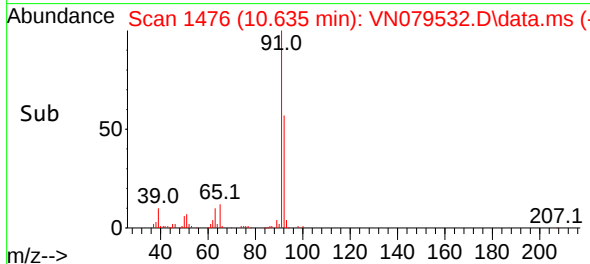
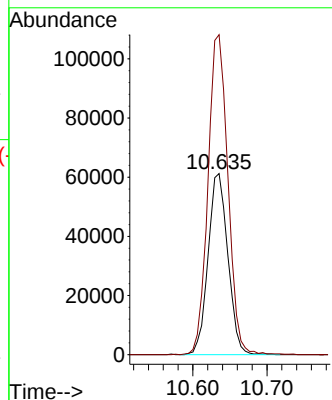
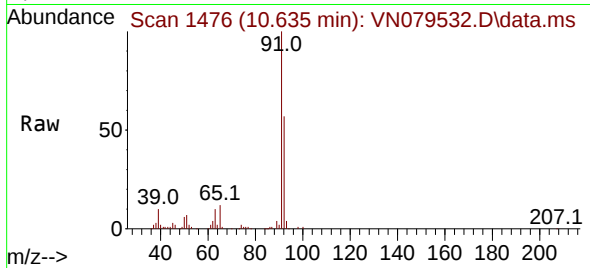




#52
Toluene
Concen: 9.795 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079532.D
Acq: 11 Oct 2023 21:12

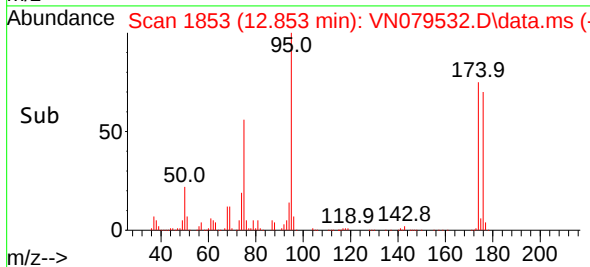
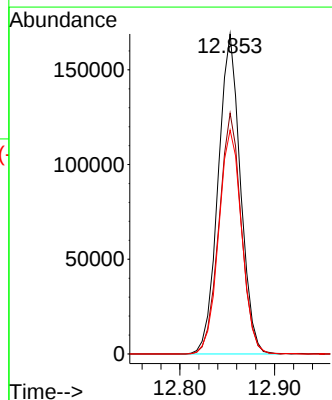
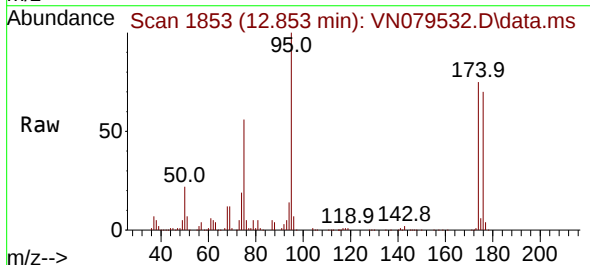
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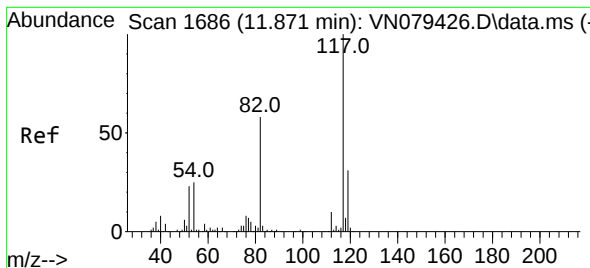
Tgt Ion: 92 Resp: 113631
Ion Ratio Lower Upper
92 100
91 178.3 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 53.743 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079532.D
Acq: 11 Oct 2023 21:12

Tgt Ion: 95 Resp: 275916
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.1 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: VN079532.D

Acq: 11 Oct 2023 21:12

Instrument :

MSVOA_N

ClientSampleId :

TOTES-2DL

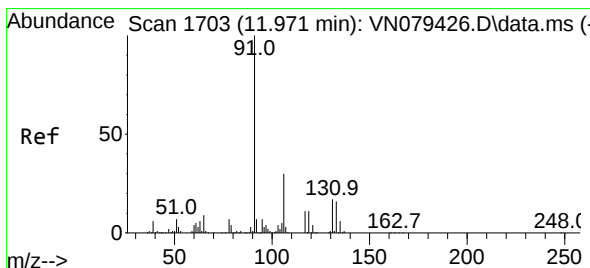
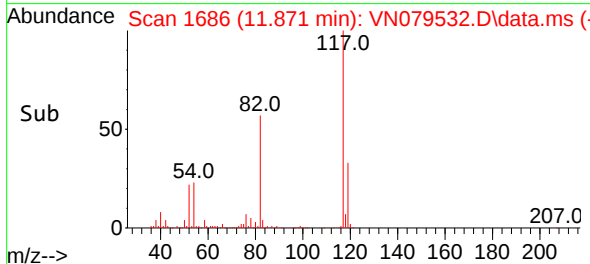
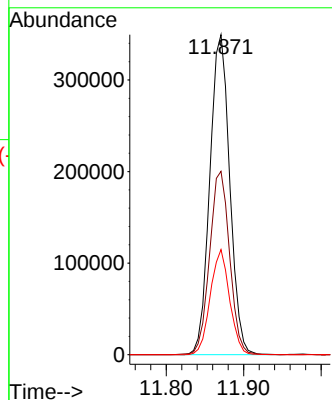
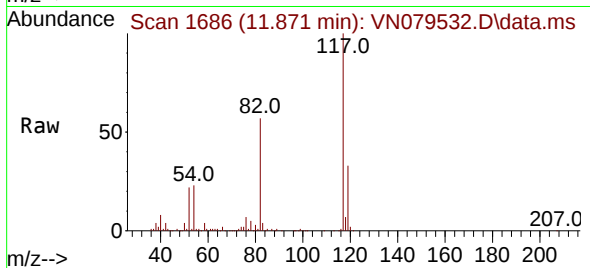
Tgt Ion:117 Resp: 623758

Ion Ratio Lower Upper

117 100

82 57.3 44.0 66.0

119 32.8 25.6 38.4



#67

Ethyl Benzene

Concen: 1.336 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079532.D

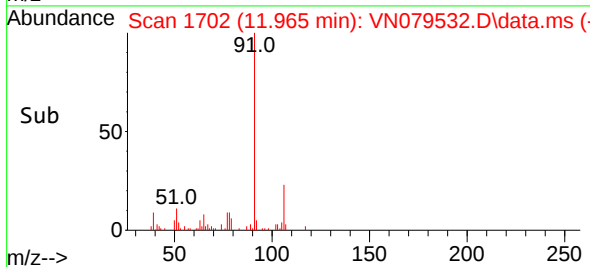
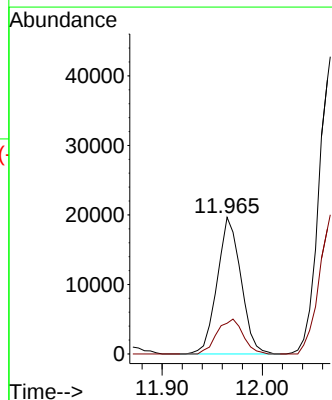
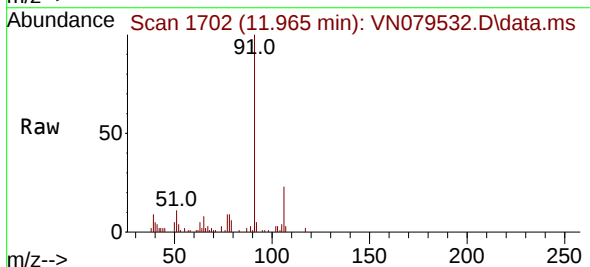
Acq: 11 Oct 2023 21:12

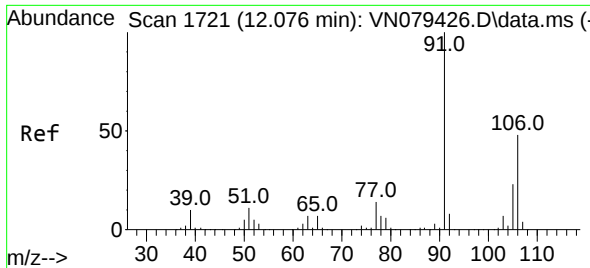
Tgt Ion: 91 Resp: 32268

Ion Ratio Lower Upper

91 100

106 22.5 25.6 38.4#

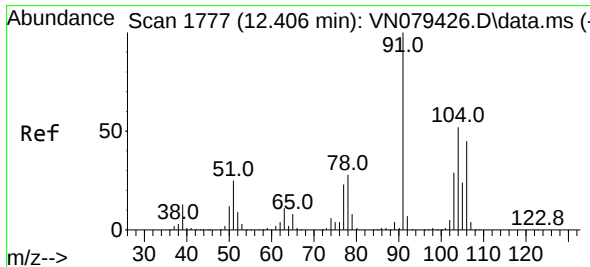
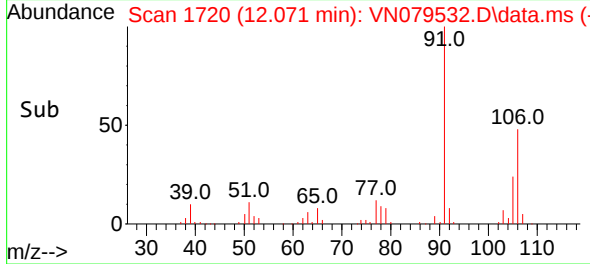
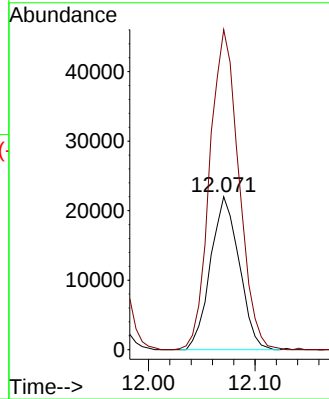
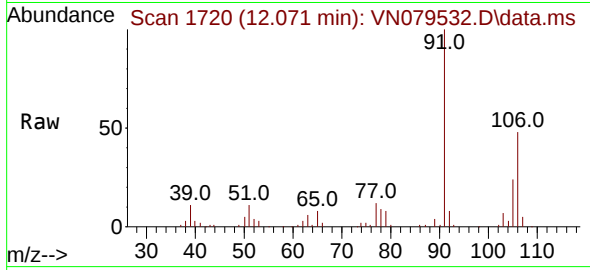




#68
m/p-Xylenes
Concen: 4.700 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.005 min
Lab File: VN079532.D
Acq: 11 Oct 2023 21:12

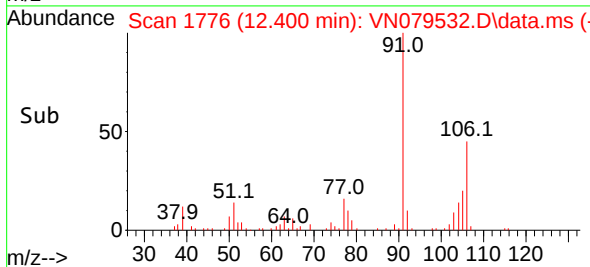
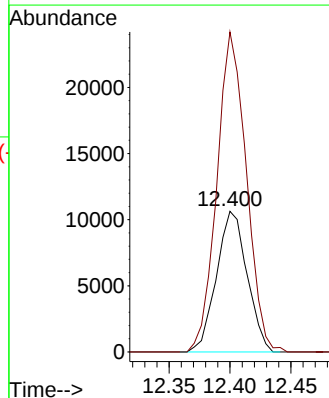
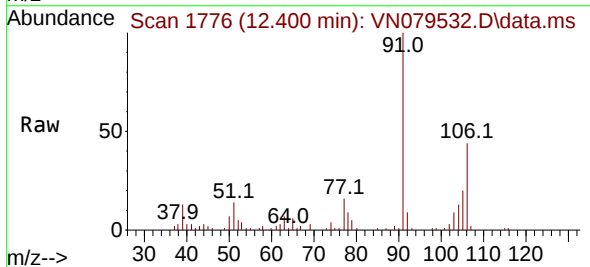
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2DL

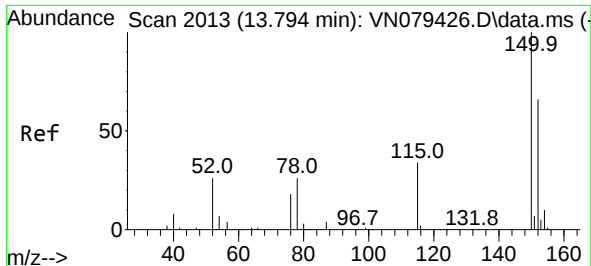
Tgt Ion:106 Resp: 41233
Ion Ratio Lower Upper
106 100
91 211.7 159.6 239.4



#69
o-Xylene
Concen: 2.158 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079532.D
Acq: 11 Oct 2023 21:12

Tgt Ion:106 Resp: 18621
Ion Ratio Lower Upper
106 100
91 218.4 105.2 315.5

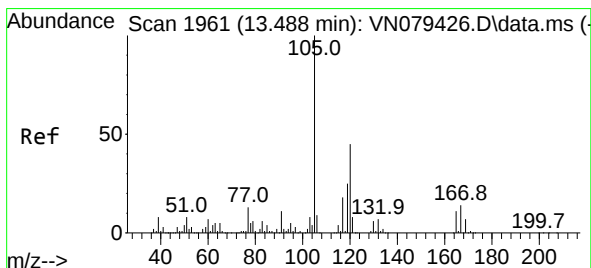
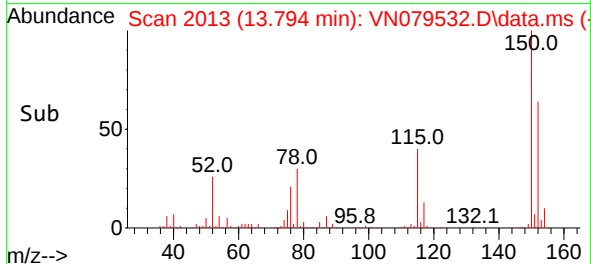
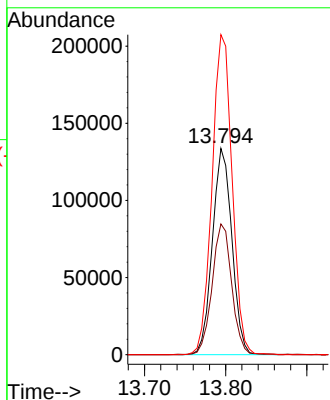
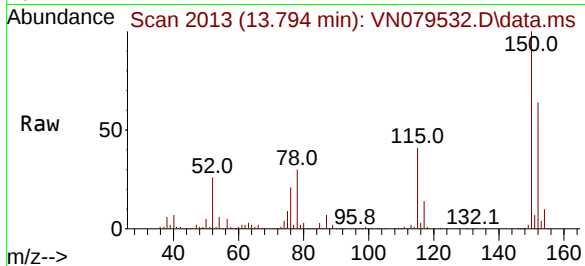




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079532.D
 Acq: 11 Oct 2023 21:12

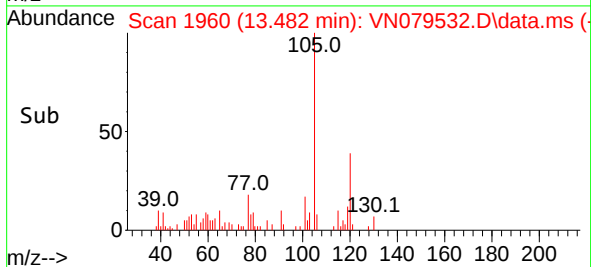
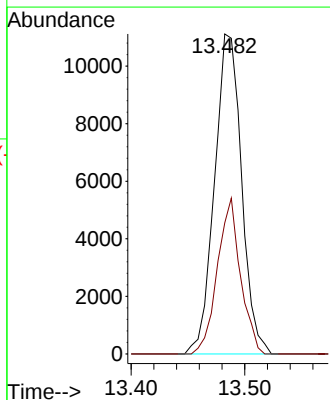
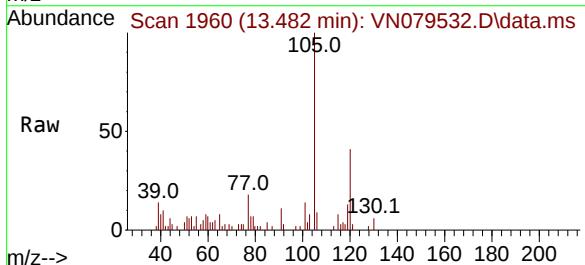
Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-2DL

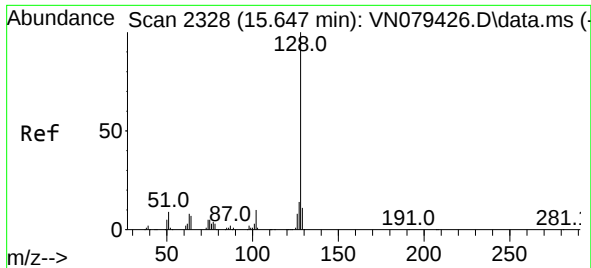
Tgt Ion:152 Resp: 223004
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.3 96.8
 150 159.5 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.177 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: VN079532.D
 Acq: 11 Oct 2023 21:12

Tgt Ion:105 Resp: 18374
 Ion Ratio Lower Upper
 105 100
 120 41.6 22.0 66.0





#95

Naphthalene

Concen: 21.946 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079532.D

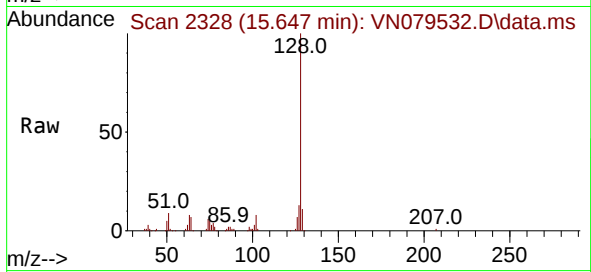
Acq: 11 Oct 2023 21:12

Instrument :

MSVOA_N

ClientSampleId :

TOTES-2DL



Tgt Ion:128 Resp: 163348

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.4 8.7 13.1

