

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079531.D
 Acq On : 11 Oct 2023 20:48
 Operator : JC\MD
 Sample : 04823-04DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-1DL

Quant Time: Oct 12 06:15:45 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)

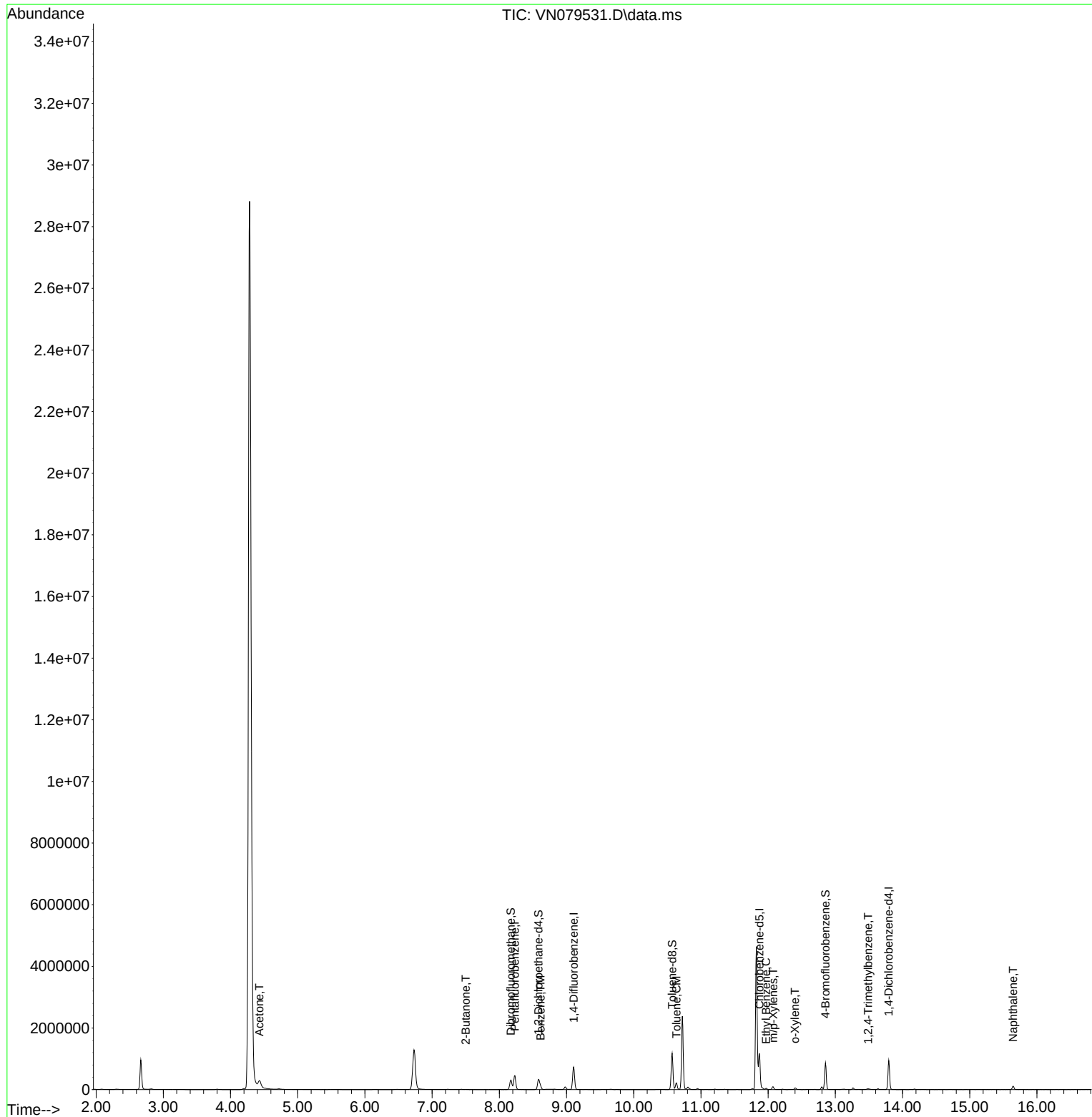
Internal Standards						
1) Pentafluorobenzene	8.230	168	319847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	621401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	632965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255657	49.297	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.600%
35) Dibromofluoromethane	8.171	113	220316	49.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	10.571	98	740740	45.844	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.680%
62) 4-Bromofluorobenzene	12.853	95	282971	54.571	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.140%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	384228	186.793	ug/l #	57
25) 2-Butanone	7.500	43	9087	2.976	ug/l #	76
40) Benzene	8.612	78	98133	4.930	ug/l	100
52) Toluene	10.635	92	88825	7.581	ug/l	91
67) Ethyl Benzene	11.971	91	21908	0.894	ug/l	95
68) m/p-Xylenes	12.076	106	28438	3.194	ug/l	95
69) o-Xylene	12.400	106	12843	1.467	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	11308	0.680	ug/l	96
95) Naphthalene	15.647	128	100265	12.654	ug/l	99

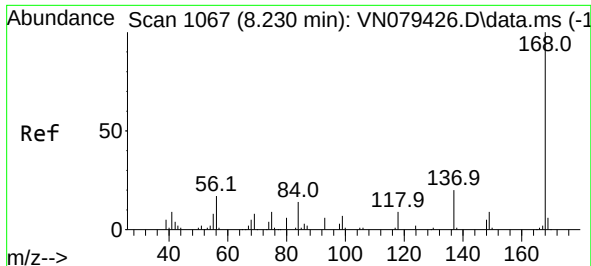
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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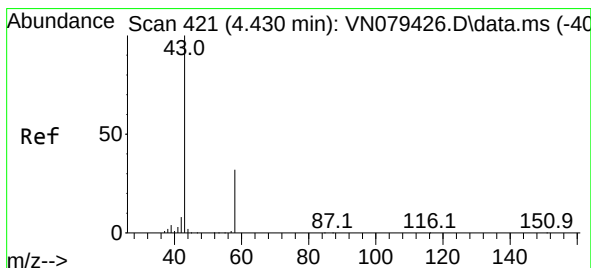
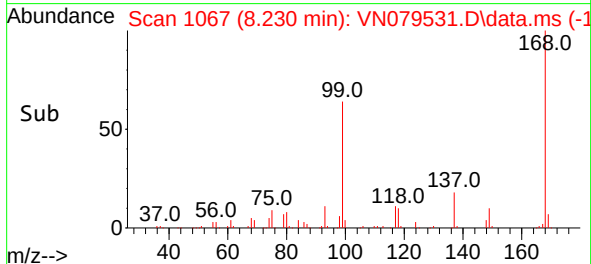
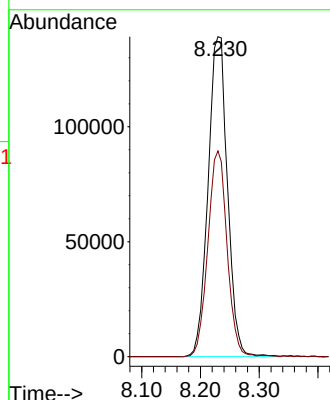
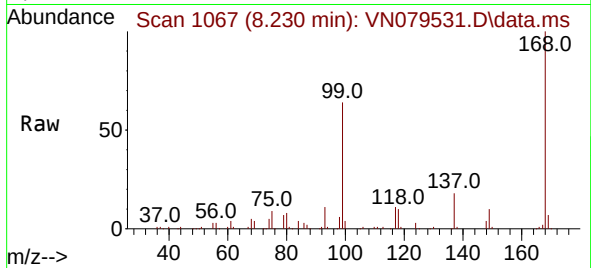




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

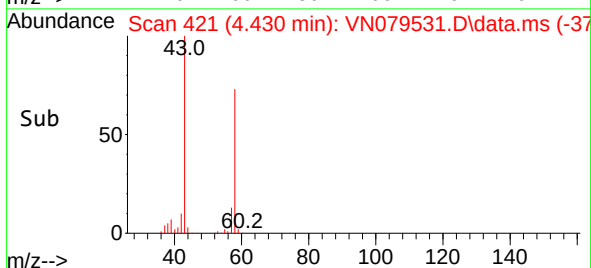
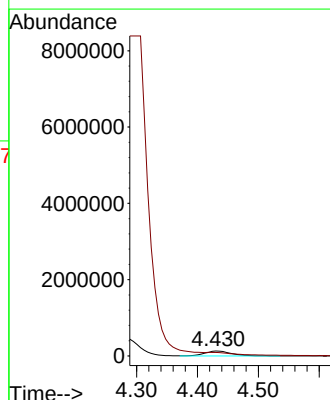
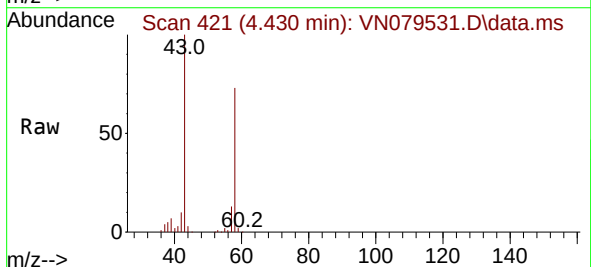
Instrument :
MSVOA_N
ClientSampleId :
TOTES-1DL

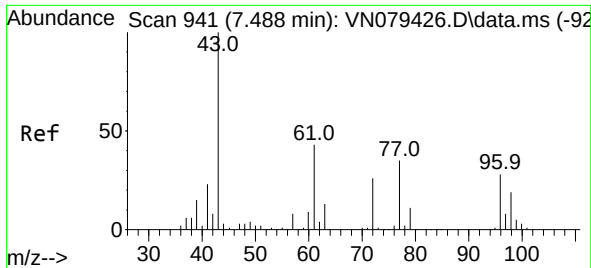
Tgt Ion:168 Resp: 319847
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#16
Acetone
Concen: 186.793 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

Tgt Ion: 43 Resp: 384228
Ion Ratio Lower Upper
43 100
58 60.2 28.0 42.0#

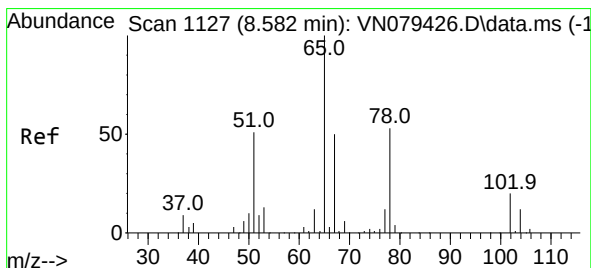
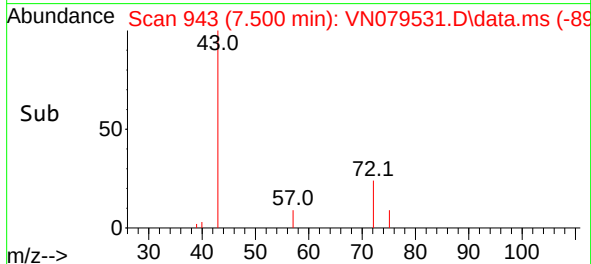
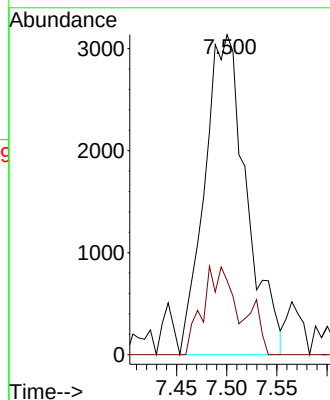
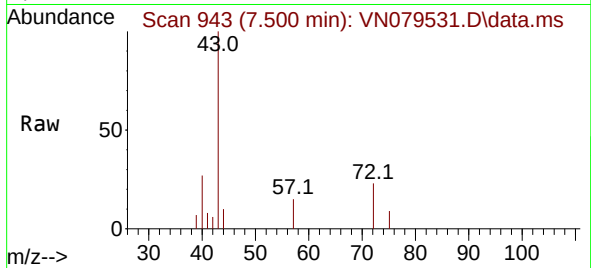




#25
2-Butanone
Concen: 2.976 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

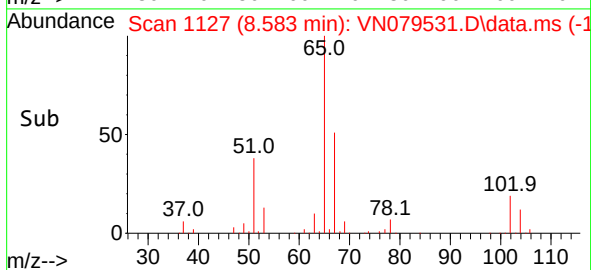
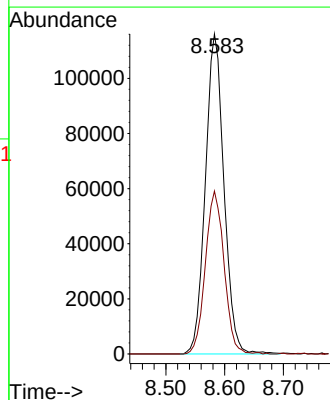
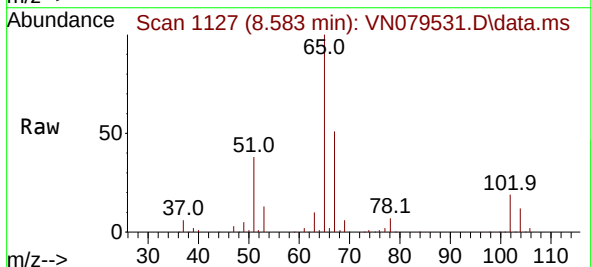
Instrument :
MSVOA_N
ClientSampleId :
TOTES-1DL

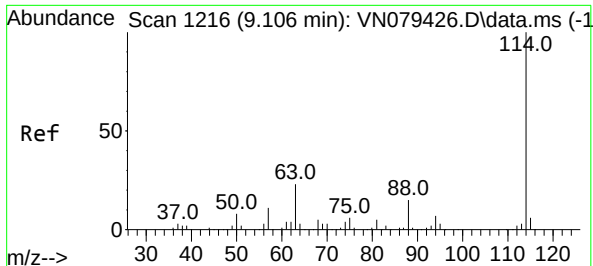
Tgt Ion: 43 Resp: 9087
Ion Ratio Lower Upper
43 100
72 23.1 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 49.297 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

Tgt Ion: 65 Resp: 255657
Ion Ratio Lower Upper
65 100
67 51.3 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: VN079531.D

Acq: 11 Oct 2023 20:48

Instrument :

MSVOA_N

ClientSampleId :

TOTES-1DL

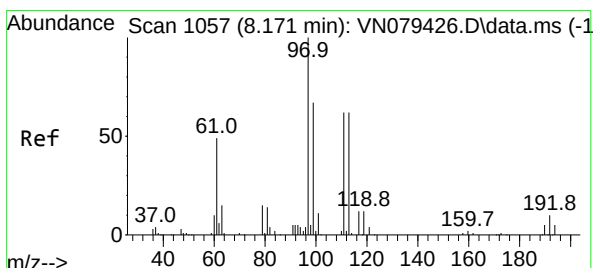
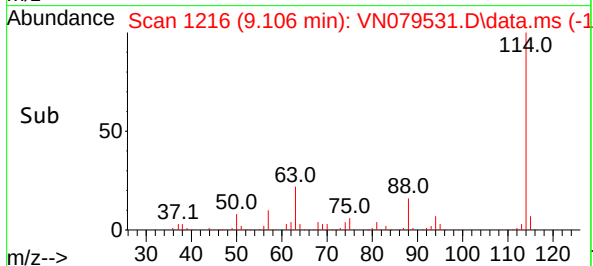
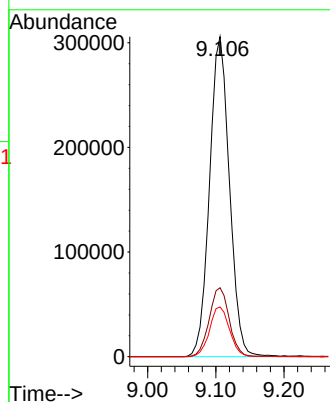
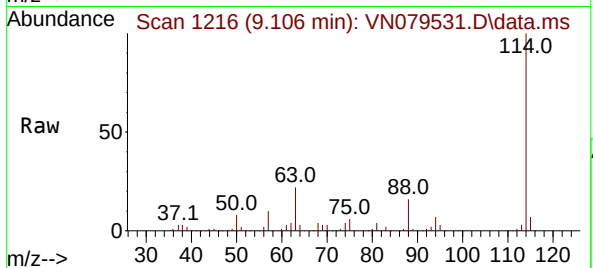
Tgt Ion:114 Resp: 621401

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079531.D

Acq: 11 Oct 2023 20:48

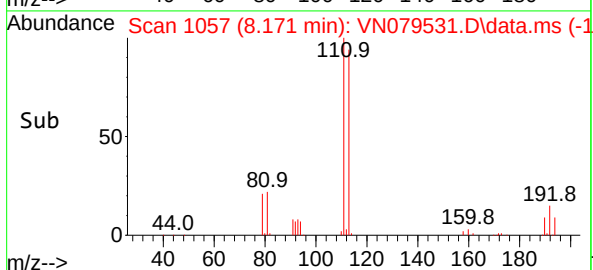
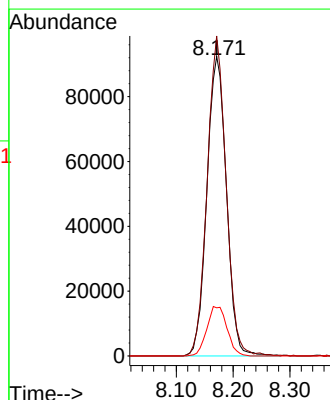
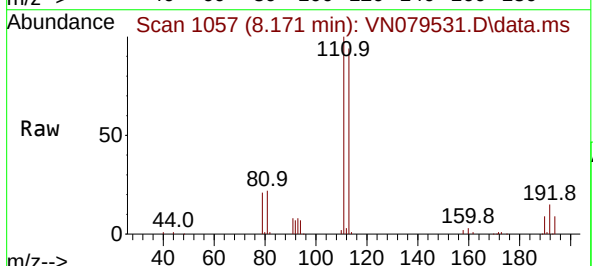
Tgt Ion:113 Resp: 220316

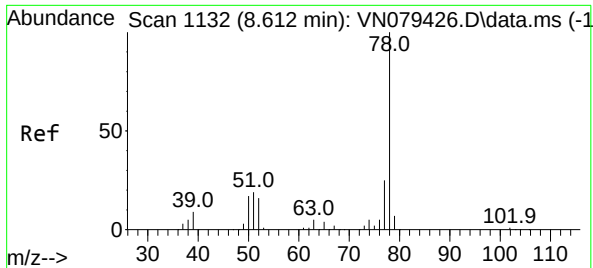
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 17.0 12.7 19.1

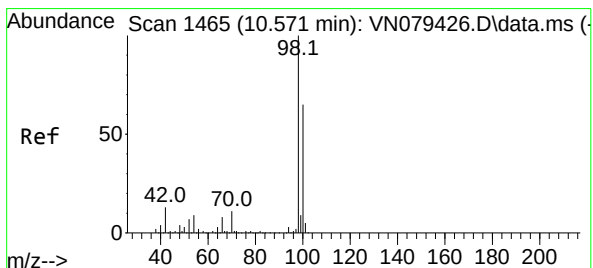
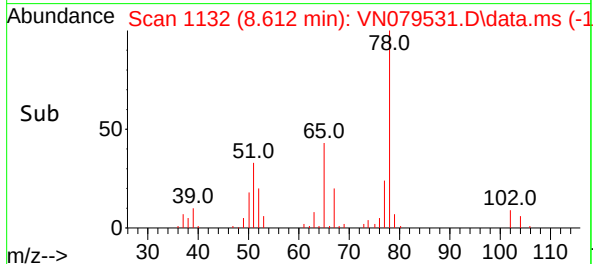
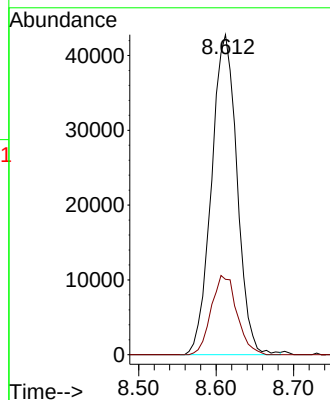
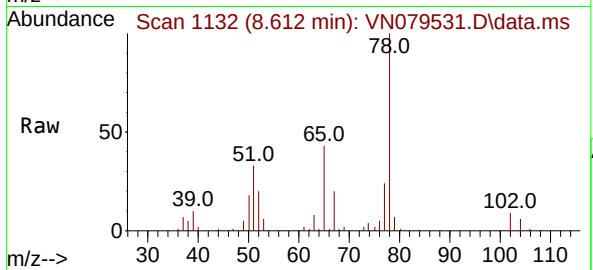




#40
Benzene
Concen: 4.930 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

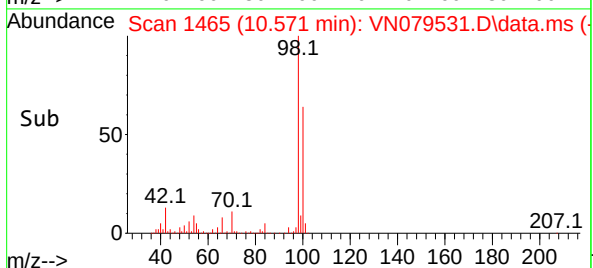
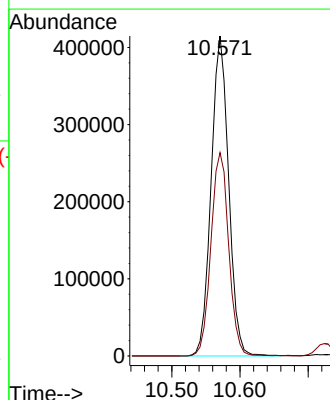
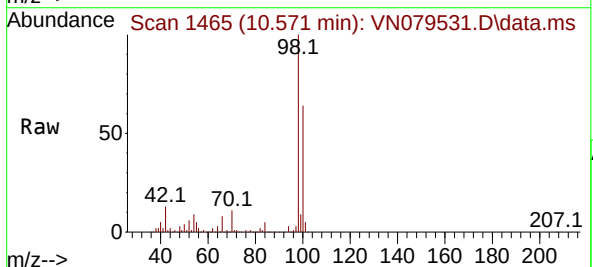
Instrument :
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TOTES-1DL

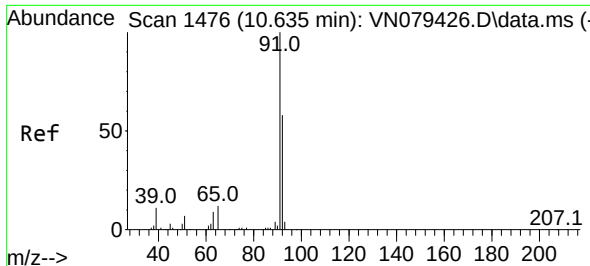
Tgt Ion: 78 Resp: 98133
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#50
Toluene-d8
Concen: 45.844 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

Tgt Ion: 98 Resp: 740740
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

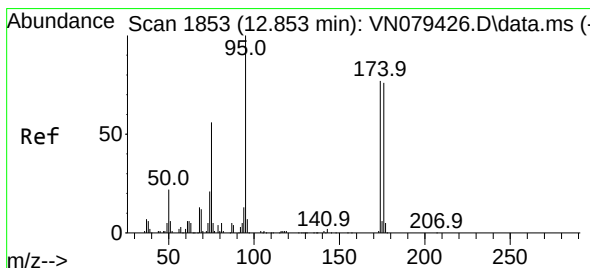
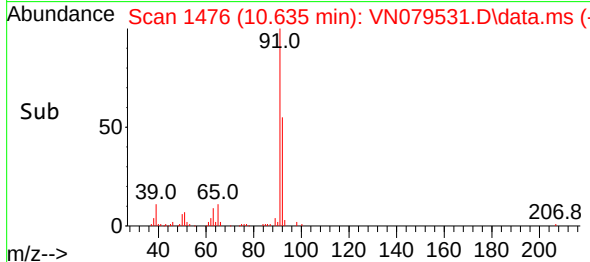
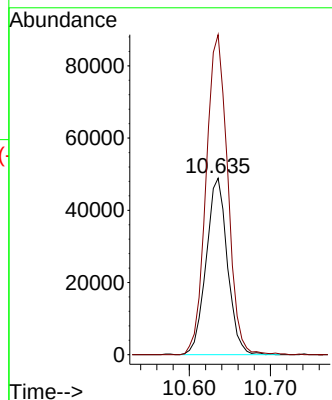
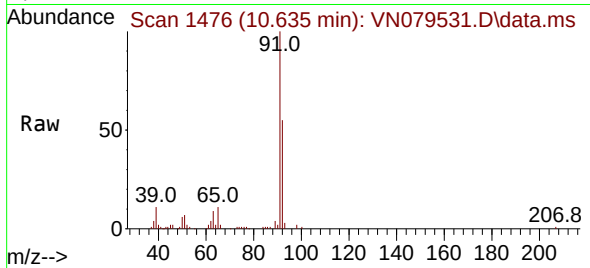




#52
Toluene
Concen: 7.581 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

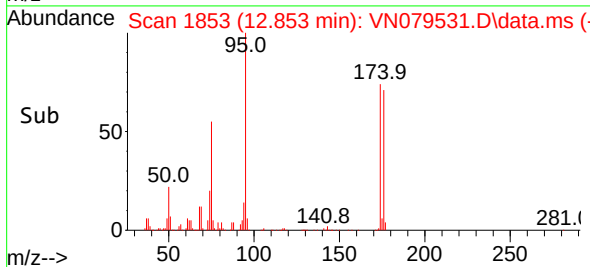
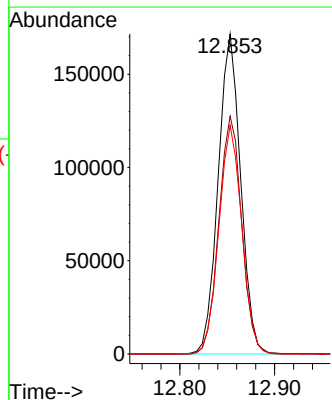
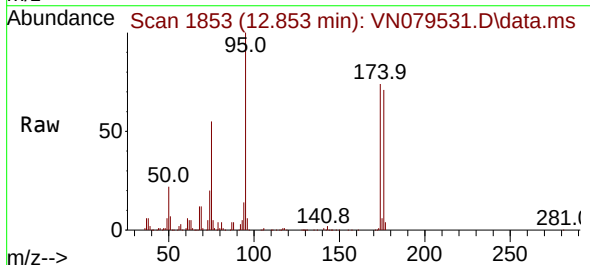
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ClientSampleId :
TOTES-1DL

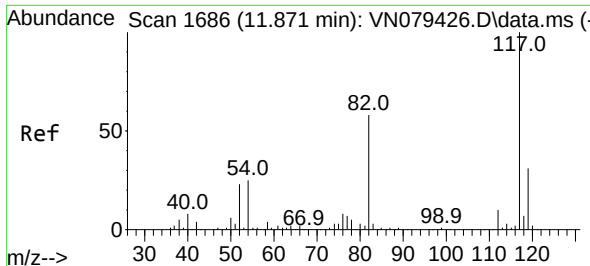
Tgt Ion: 92 Resp: 88825
Ion Ratio Lower Upper
92 100
91 184.3 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 54.571 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

Tgt Ion: 95 Resp: 282971
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.8 0.0 135.8

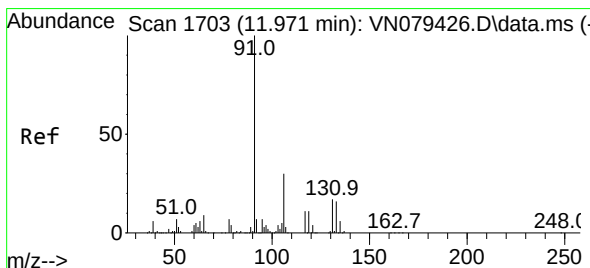
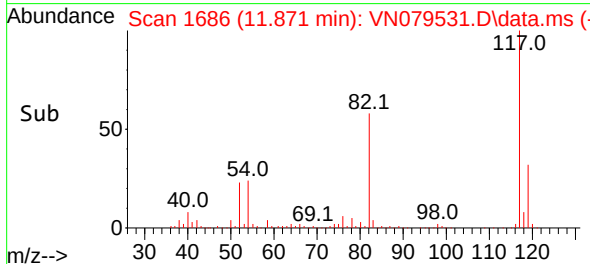
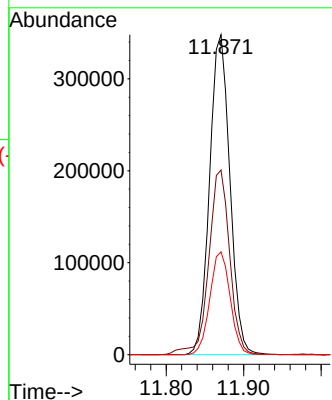
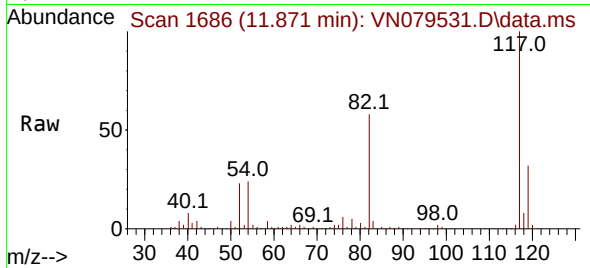




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

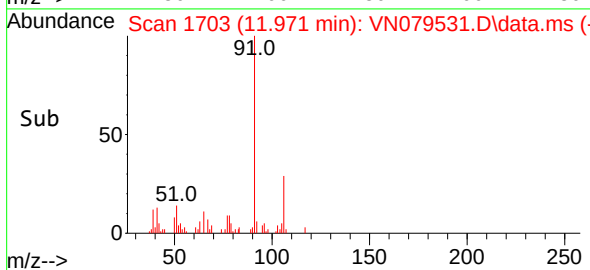
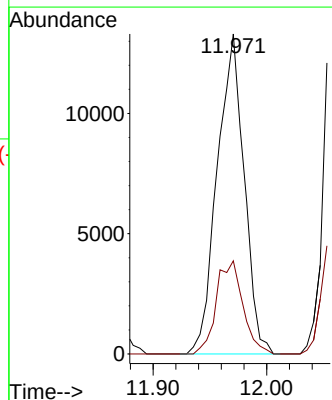
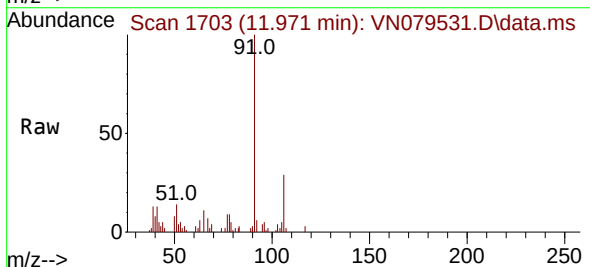
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TOTES-1DL

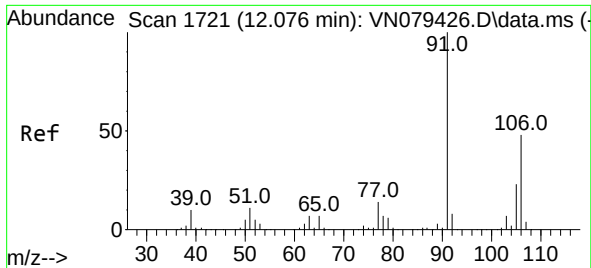
Tgt Ion:117 Resp: 632965
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 32.1 25.6 38.4



#67
Ethyl Benzene
Concen: 0.894 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

Tgt Ion: 91 Resp: 21908
Ion Ratio Lower Upper
91 100
106 29.1 25.6 38.4

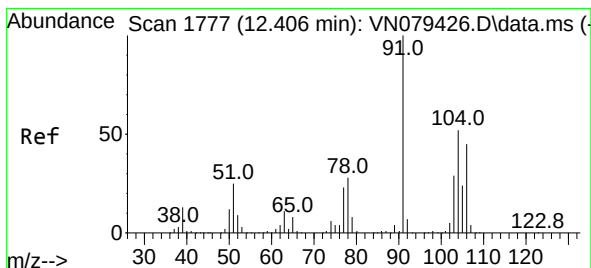
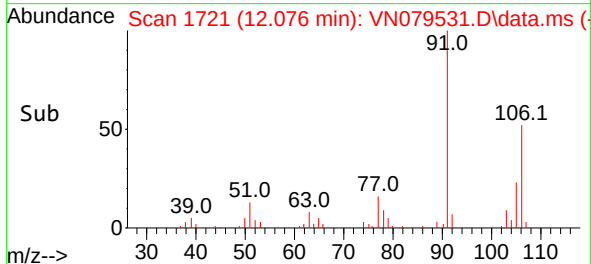
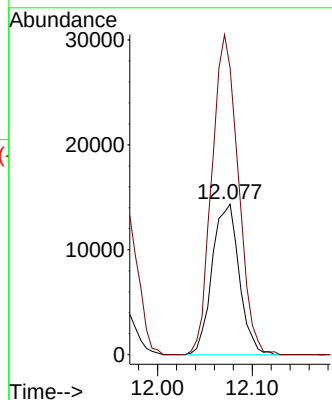
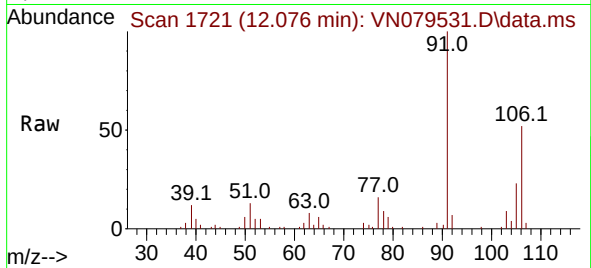




#68
m/p-Xylenes
Concen: 3.194 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

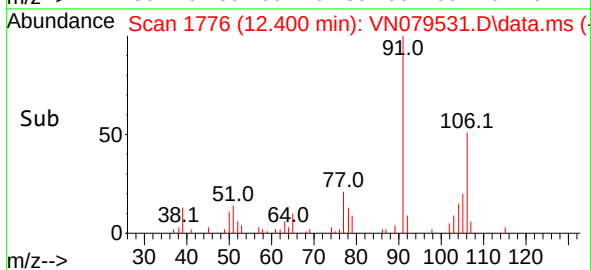
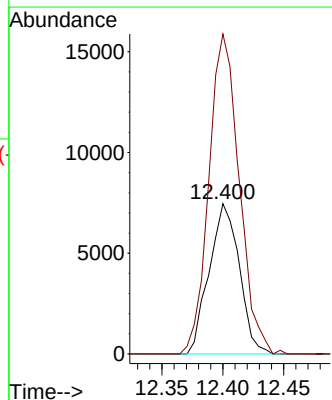
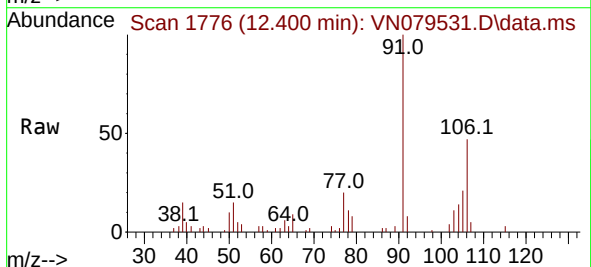
Instrument :
MSVOA_N
ClientSampleId :
TOTES-1DL

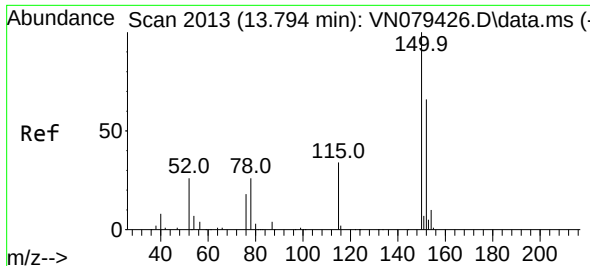
Tgt Ion:106 Resp: 28438
Ion Ratio Lower Upper
106 100
91 207.7 159.6 239.4



#69
o-Xylene
Concen: 1.467 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079531.D
Acq: 11 Oct 2023 20:48

Tgt Ion:106 Resp: 12843
Ion Ratio Lower Upper
106 100
91 214.7 105.2 315.5

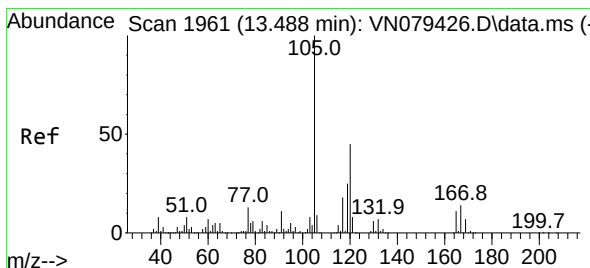
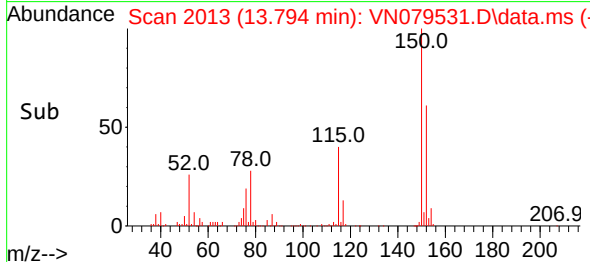
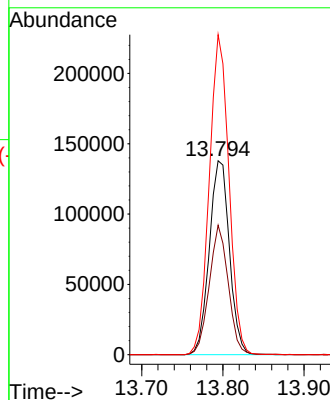
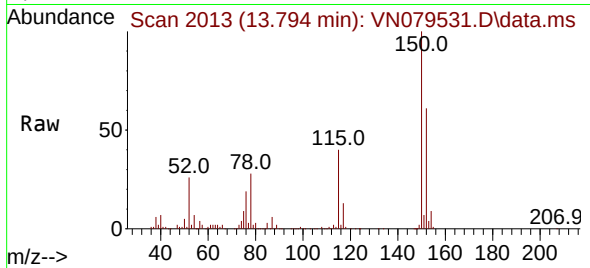




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079531.D
 Acq: 11 Oct 2023 20:48

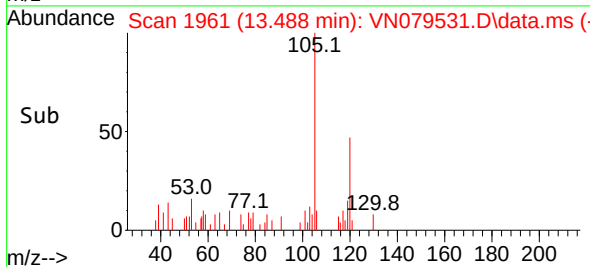
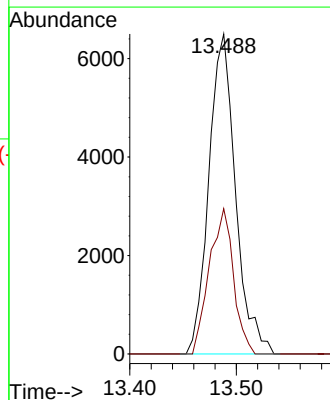
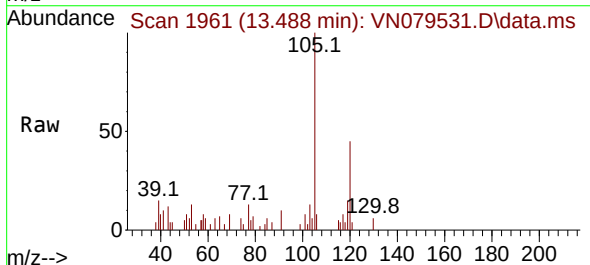
Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-1DL

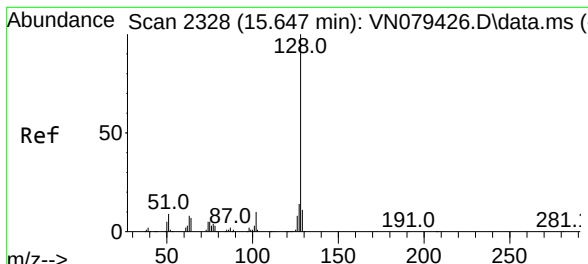
Tgt Ion:152 Resp: 237400
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 160.8 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.680 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079531.D
 Acq: 11 Oct 2023 20:48

Tgt Ion:105 Resp: 11308
 Ion Ratio Lower Upper
 105 100
 120 41.2 22.0 66.0





#95
 Naphthalene
 Concen: 12.654 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079531.D
 Acq: 11 Oct 2023 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-1DL

Tgt Ion:	128	Resp:	100265
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.0	15.0
129	11.2	8.7	13.1

