

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079519.D
 Acq On : 11 Oct 2023 16:00
 Operator : JC\MD
 Sample : 04823-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-1

Quant Time: Oct 12 06:10:43 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)

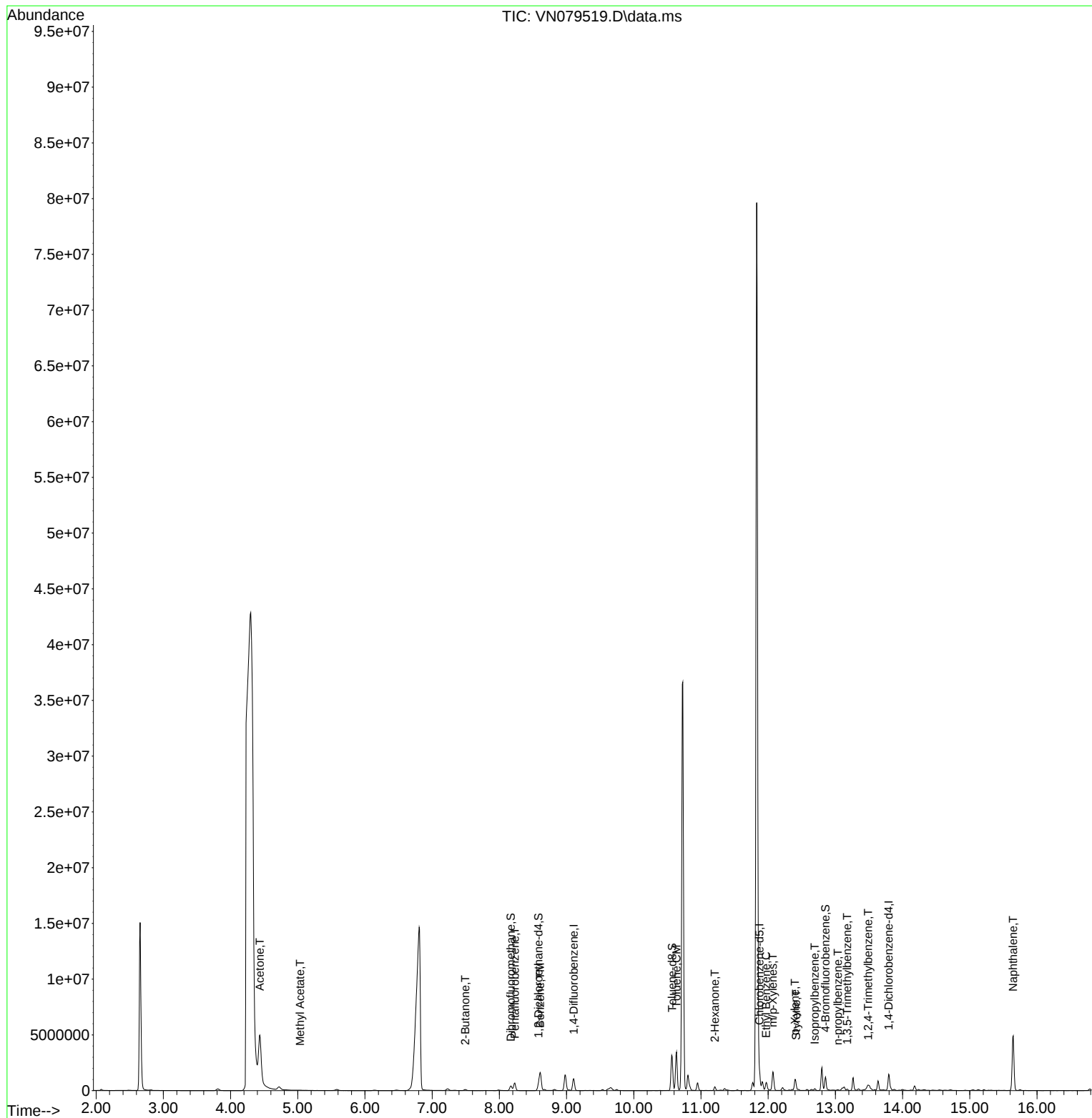
Internal Standards						
1) Pentafluorobenzene	8.230	168	467420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	884788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	842265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	353228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	360042	47.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.020%
35) Dibromofluoromethane	8.171	113	300093	47.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.400%
50) Toluene-d8	10.571	98	1047479	45.530	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.853	95	405992	54.988	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.980%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	6898211	2294.794	ug/l #	68
18) Methyl Acetate	5.036	43	19119	1.299	ug/l #	84
25) 2-Butanone	7.494	43	155180	34.781	ug/l #	80
40) Benzene	8.606	78	1516727	53.517	ug/l	99
52) Toluene	10.635	92	1436484	86.106	ug/l	97
59) 2-Hexanone	11.206	43	57859m	8.538	ug/l	
67) Ethyl Benzene	11.971	91	360572	11.060	ug/l	94
68) m/p-Xylenes	12.071	106	495803	41.854	ug/l	92
69) o-Xylene	12.400	106	217842	18.699	ug/l	90
70) Styrene	12.418	104	135935	7.387	ug/l #	77
73) Isopropylbenzene	12.694	105	17973	0.547	ug/l	95
78) n-propylbenzene	13.035	91	34832	0.937	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	61433	2.371	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	225622	9.123	ug/l	94
95) Naphthalene	15.647	128	4391001	372.438	ug/l	99

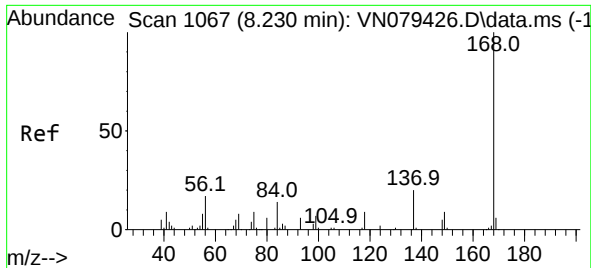
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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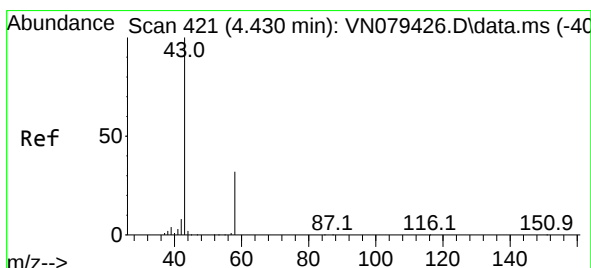
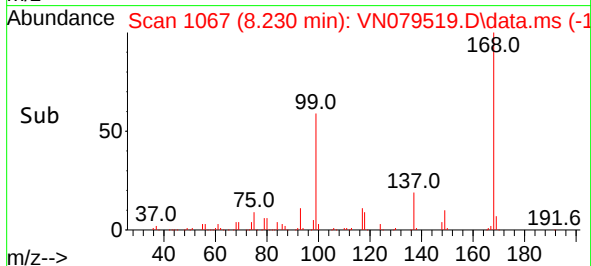
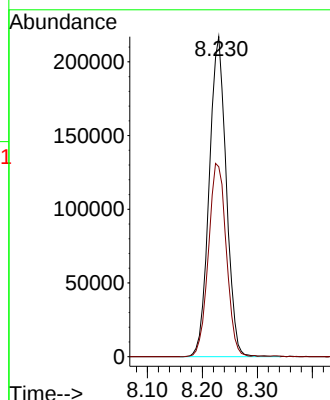
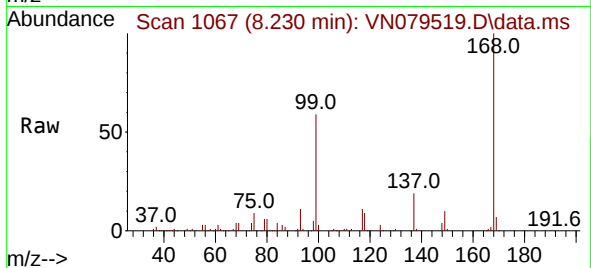




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

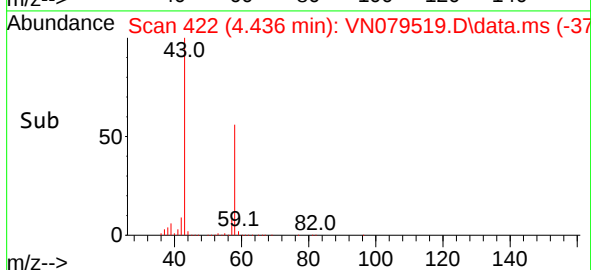
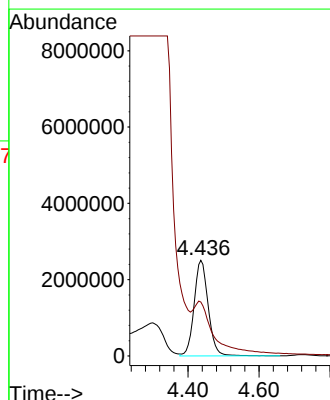
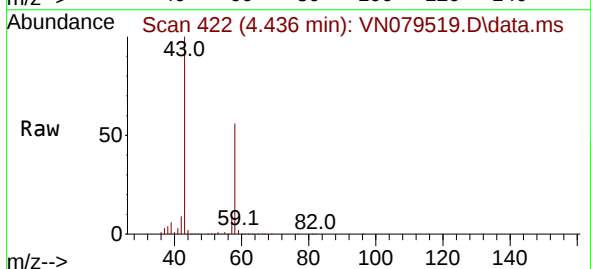
Instrument :
MSVOA_N
ClientSampleId :
TOTES-1

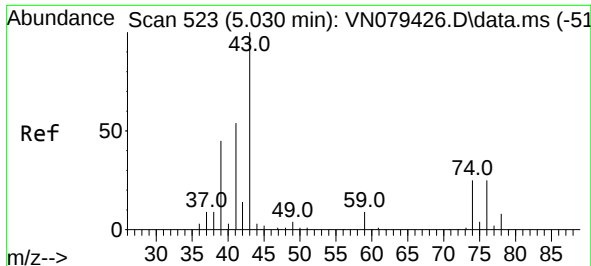
Tgt Ion:168 Resp: 467420
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#16
Acetone
Concen: 2294.794 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 43 Resp: 6898211
Ion Ratio Lower Upper
43 100
58 53.7 28.0 42.0#

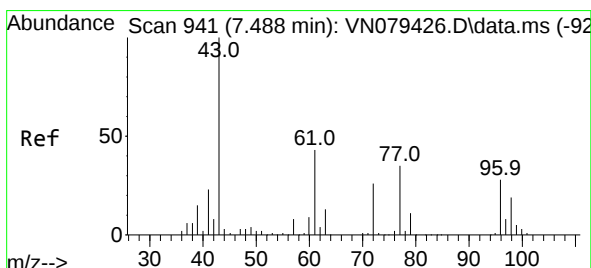
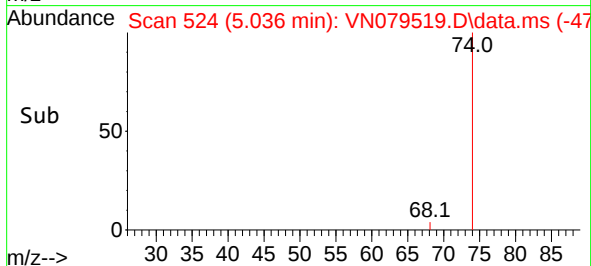
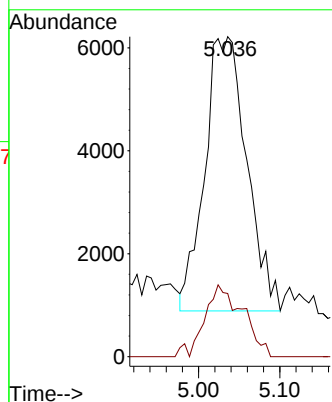
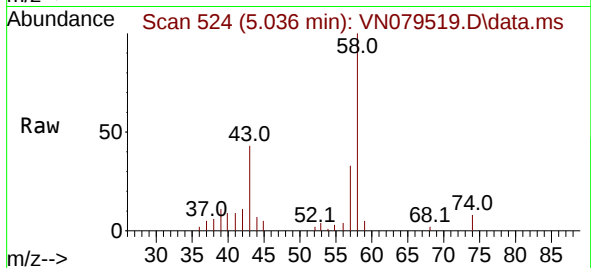




#18
Methyl Acetate
Concen: 1.299 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

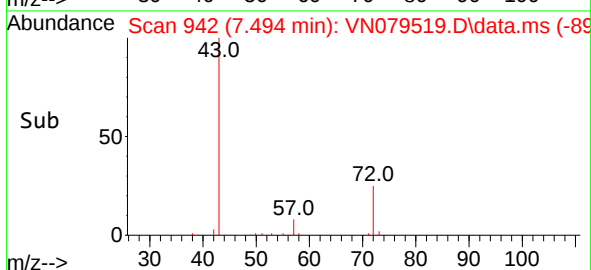
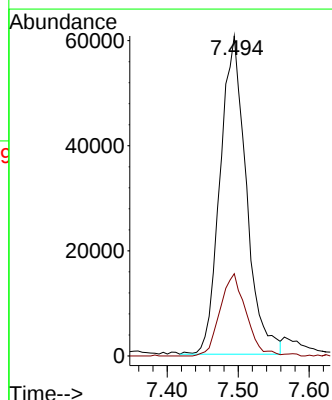
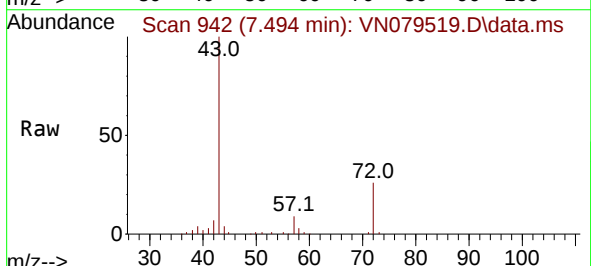
Instrument :
MSVOA_N
ClientSampleId :
TOTES-1

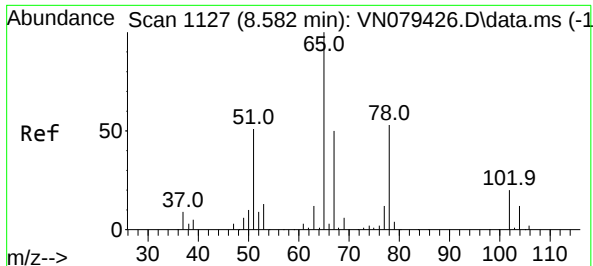
Tgt Ion: 43 Resp: 19119
Ion Ratio Lower Upper
43 100
74 23.9 26.2 39.4#



#25
2-Butanone
Concen: 34.781 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 43 Resp: 155180
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 47.506 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

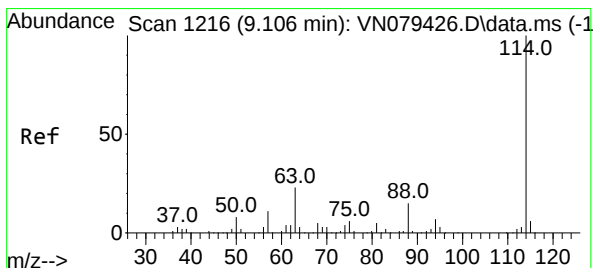
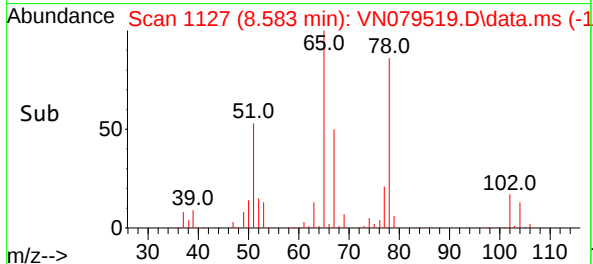
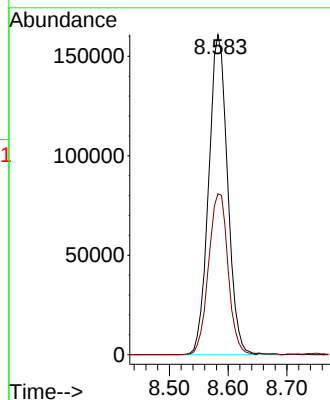
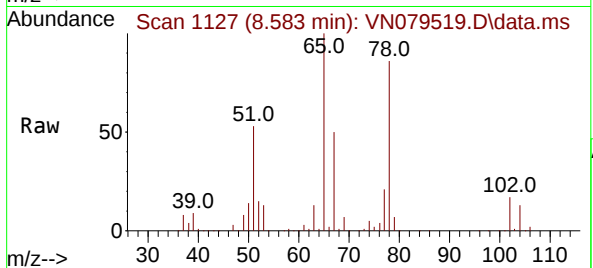
TOTES-1

Tgt Ion: 65 Resp: 360042

Ion Ratio Lower Upper

65 100

67 51.8 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: VN079519.D

Acq: 11 Oct 2023 16:00

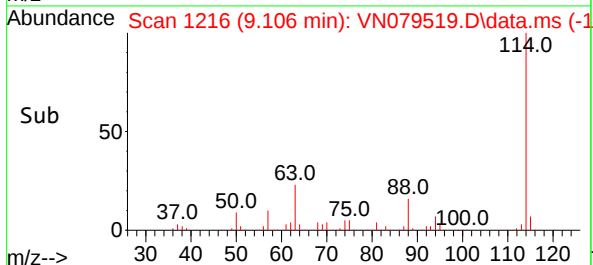
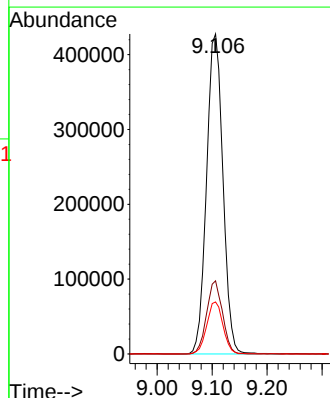
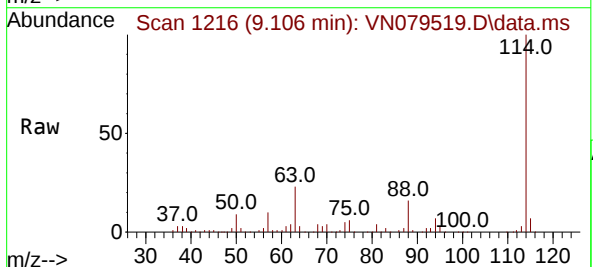
Tgt Ion: 114 Resp: 884788

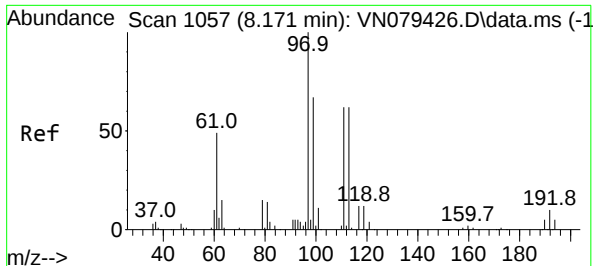
Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.196 ug/l

RT: 8.171 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

TOTES-1

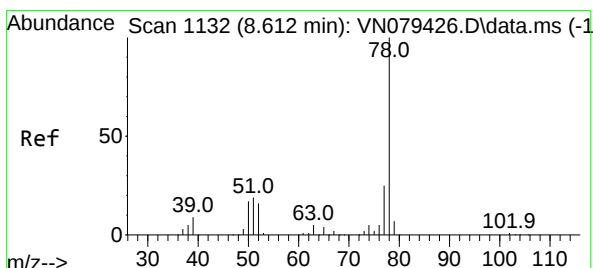
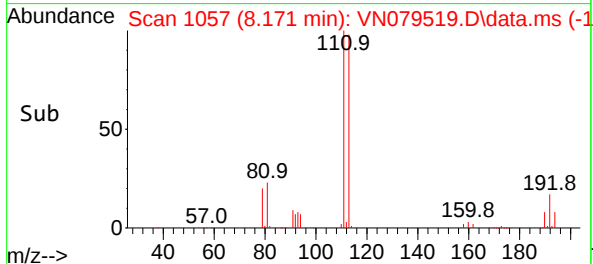
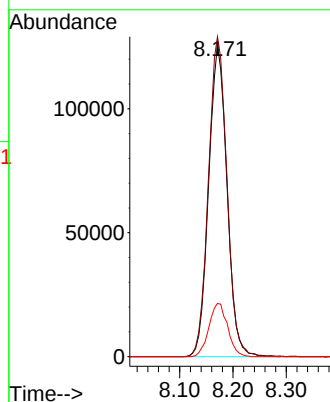
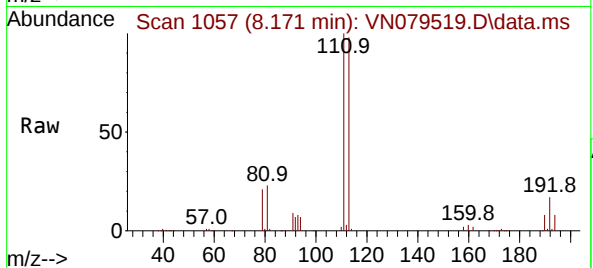
Tgt Ion:113 Resp: 300093

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 17.5 12.7 19.1



#40

Benzene

Concen: 53.517 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079519.D

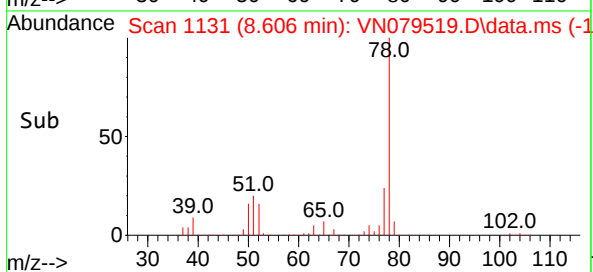
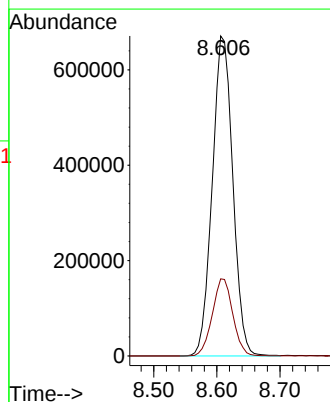
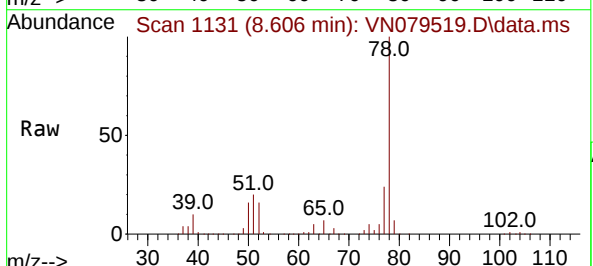
Acq: 11 Oct 2023 16:00

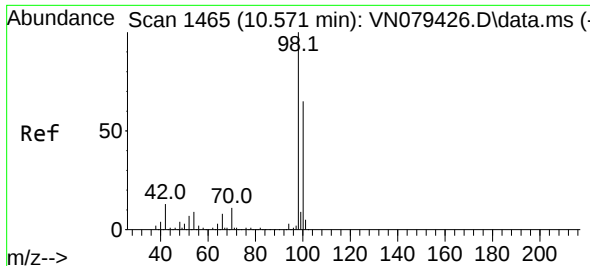
Tgt Ion: 78 Resp: 1516727

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

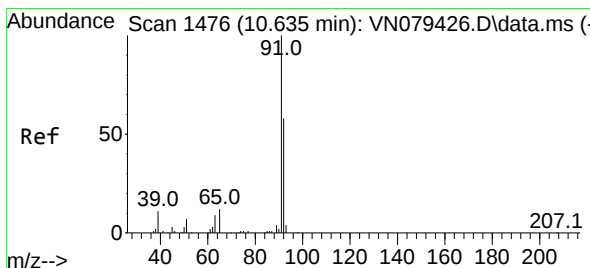
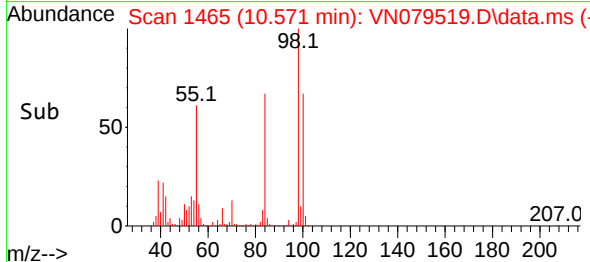
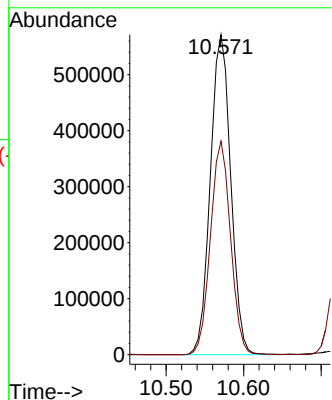
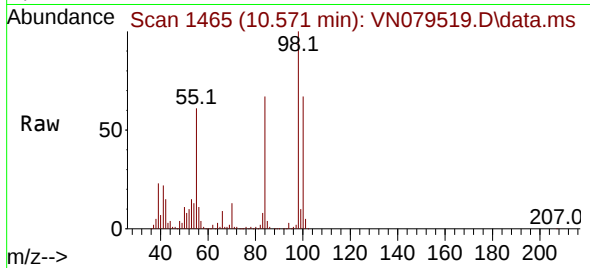




#50
Toluene-d8
Concen: 45.530 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

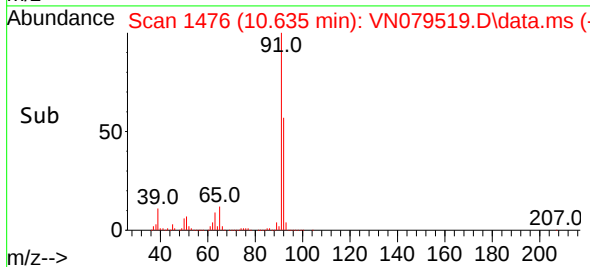
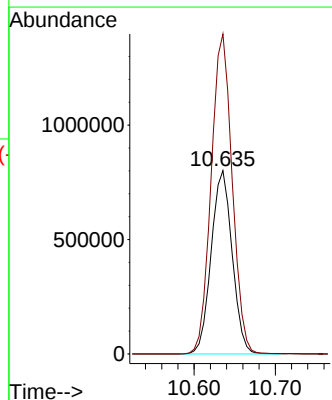
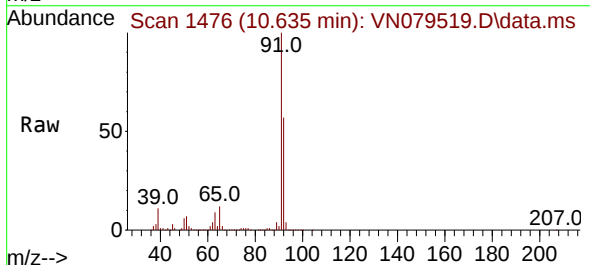
Instrument :
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TOTES-1

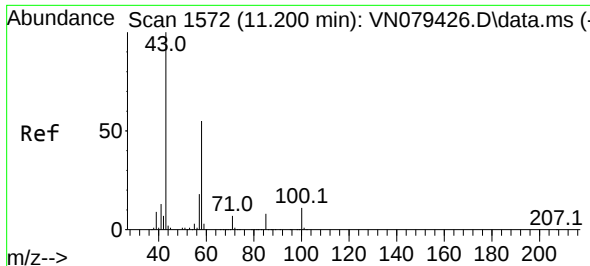
Tgt Ion: 98 Resp: 1047479
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#52
Toluene
Concen: 86.106 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 92 Resp: 1436484
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0

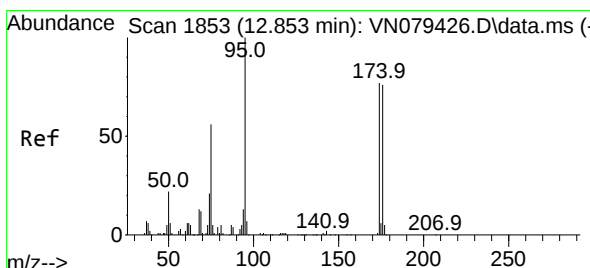
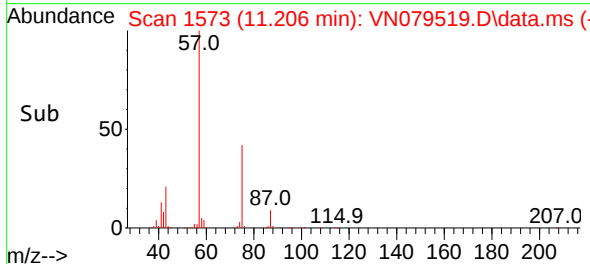
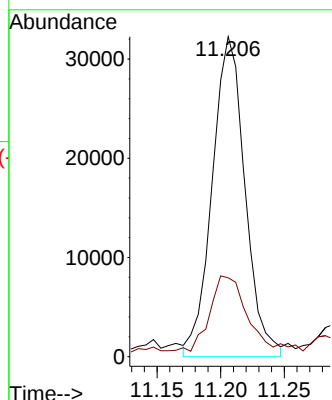
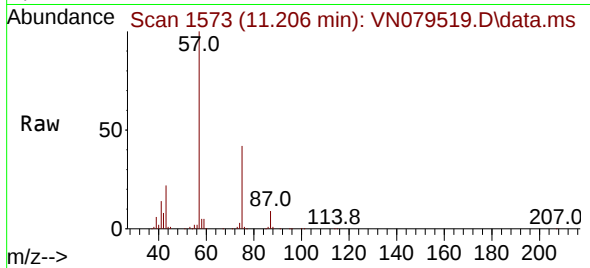




#59
2-Hexanone
Concen: 8.538 ug/l m
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

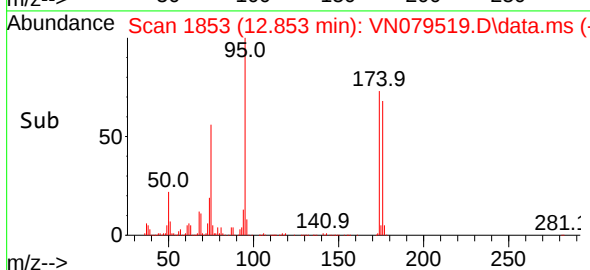
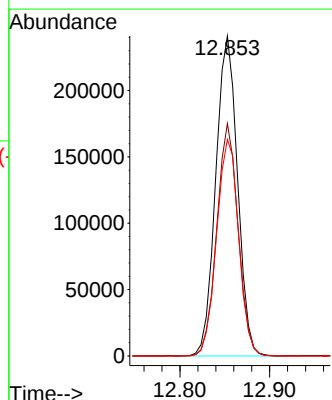
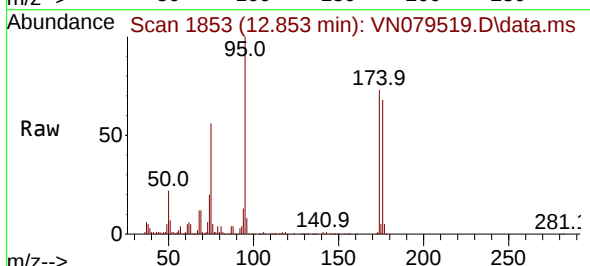
Instrument :
MSVOA_N
ClientSampleId :
TOTES-1

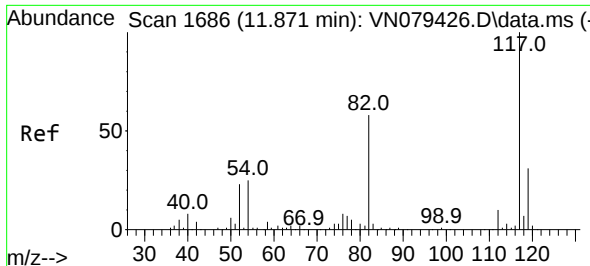
Tgt Ion: 43 Resp: 57859
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 54.988 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 95 Resp: 405992
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 68.4 0.0 135.8

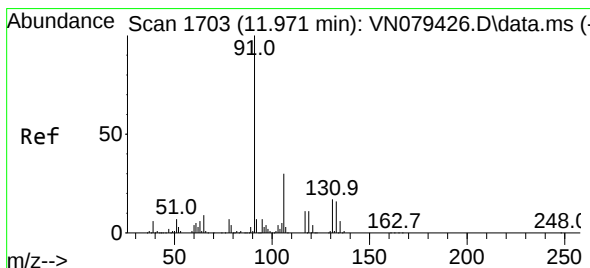
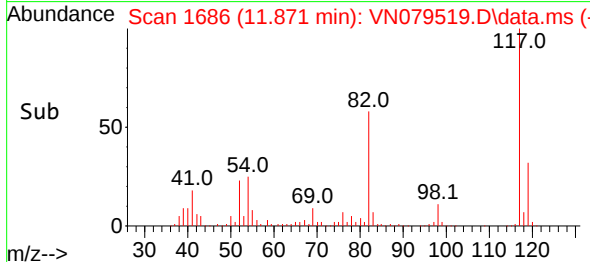
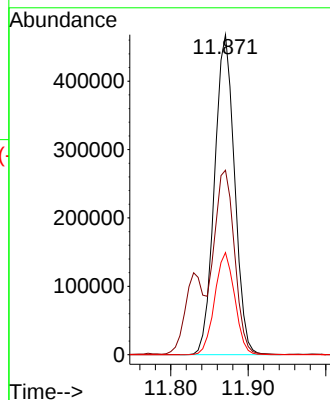
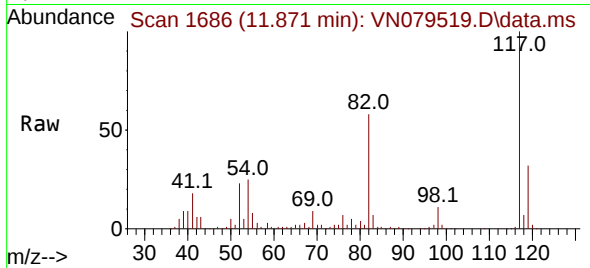




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

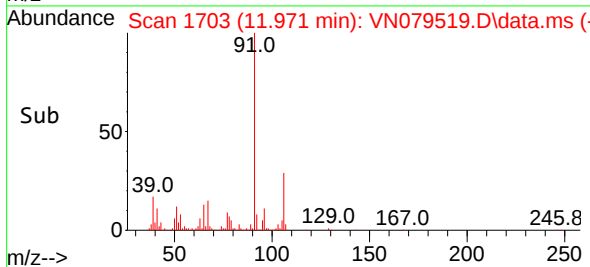
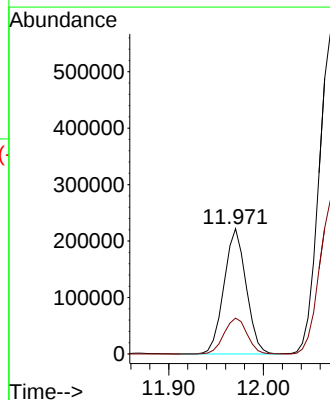
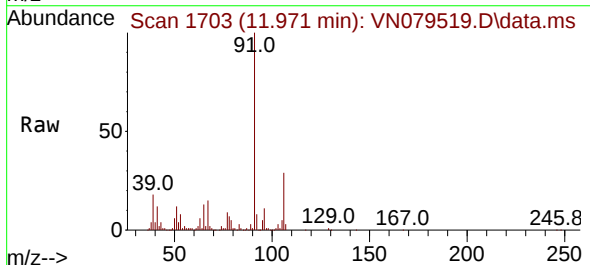
Instrument :
MSVOA_N
ClientSampleId :
TOTES-1

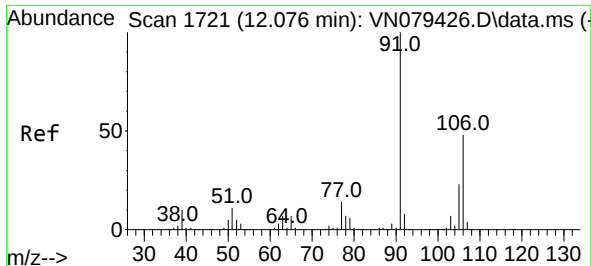
Tgt Ion:117 Resp: 842265
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 31.9 25.6 38.4



#67
Ethyl Benzene
Concen: 11.060 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 91 Resp: 360572
Ion Ratio Lower Upper
91 100
106 28.6 25.6 38.4

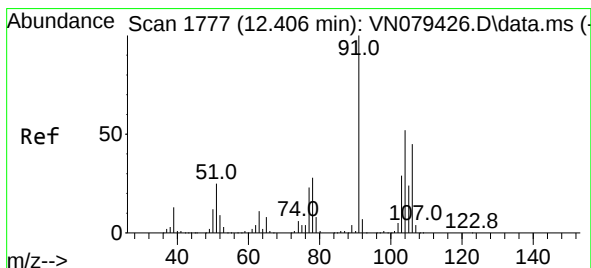
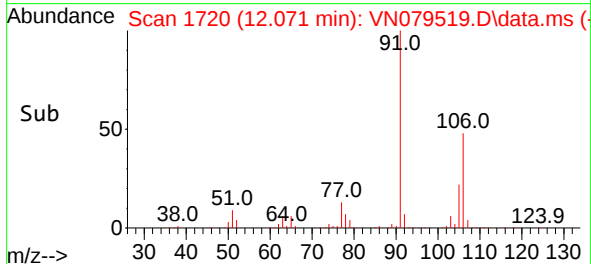
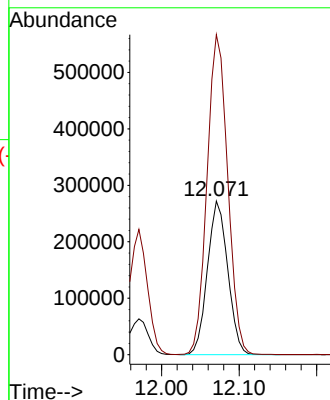
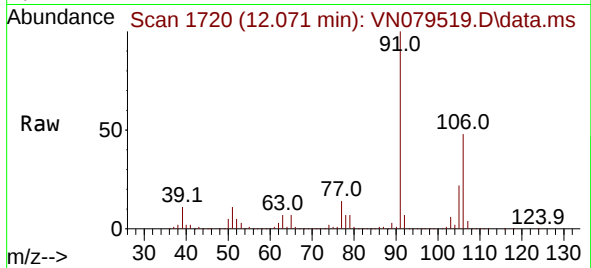




#68
m/p-Xylenes
Concen: 41.854 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

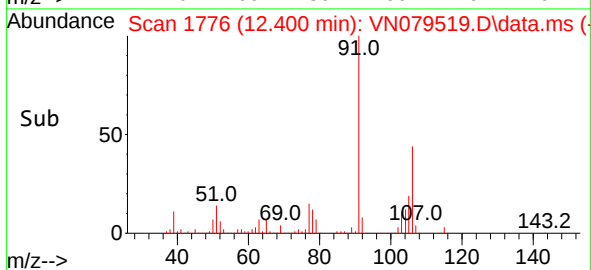
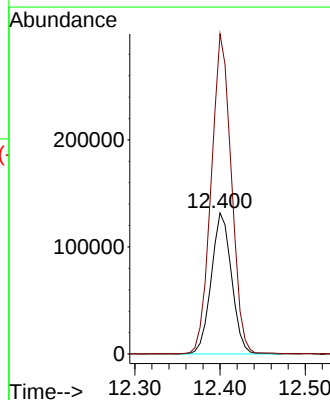
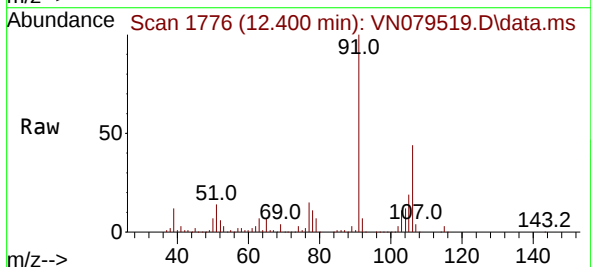
Instrument :
MSVOA_N
ClientSampleId :
TOTES-1

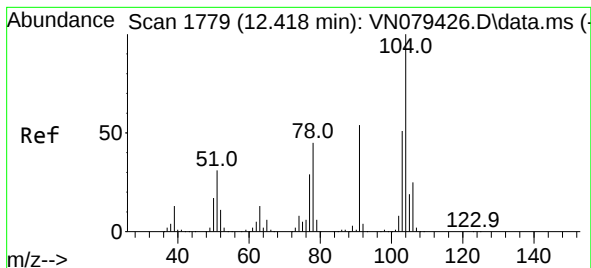
Tgt Ion:106 Resp: 495803
Ion Ratio Lower Upper
106 100
91 211.8 159.6 239.4



#69
o-Xylene
Concen: 18.699 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion:106 Resp: 217842
Ion Ratio Lower Upper
106 100
91 226.6 105.2 315.5





#70

Styrene

Concen: 7.387 ug/l

RT: 12.418 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

TOTES-1

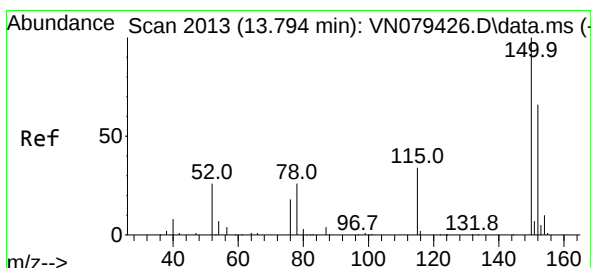
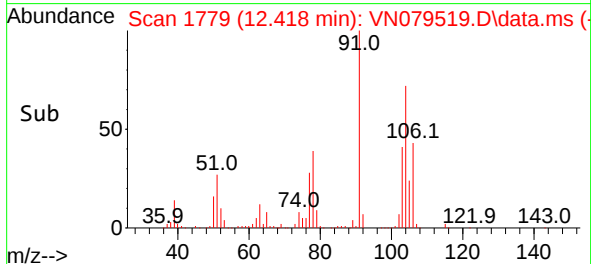
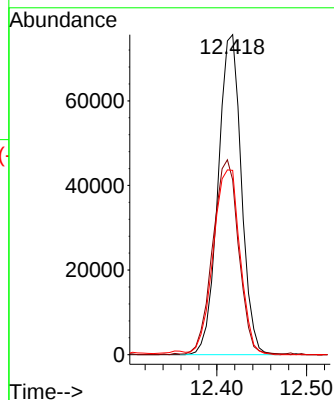
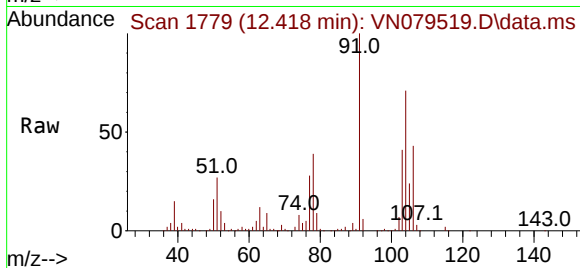
Tgt Ion:104 Resp: 135935

Ion Ratio Lower Upper

104 100

78 68.4 39.5 59.3#

103 66.8 43.2 64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

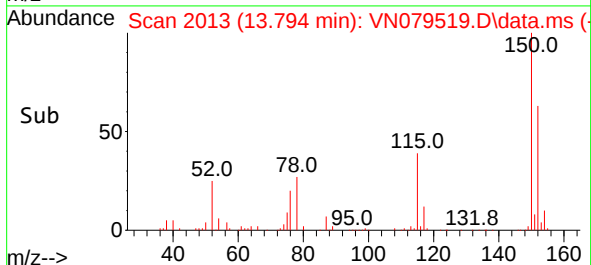
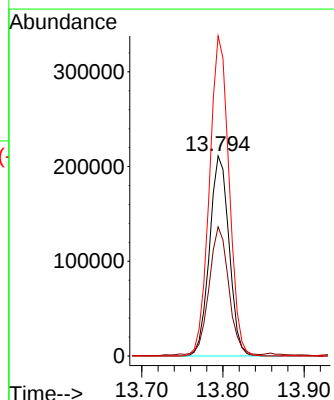
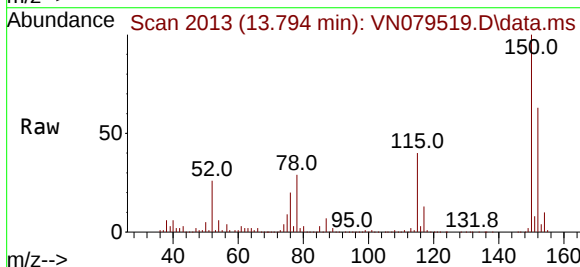
Tgt Ion:152 Resp: 353228

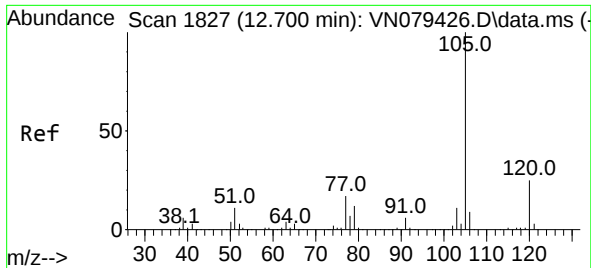
Ion Ratio Lower Upper

152 100

115 66.2 32.3 96.8

150 160.3 0.0 355.8

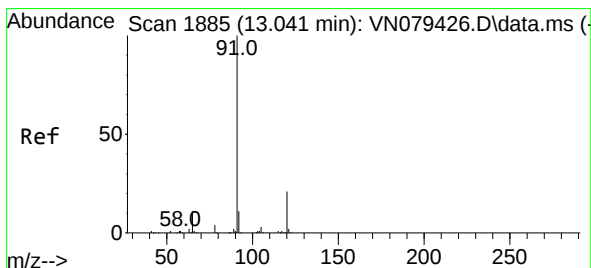
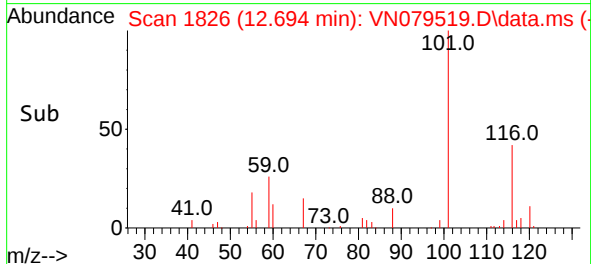
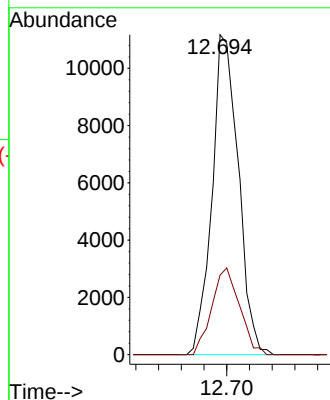
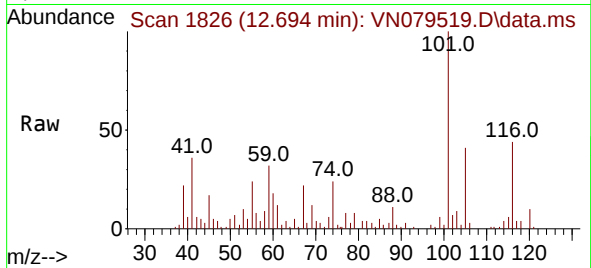




#73
Isopropylbenzene
Concen: 0.547 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

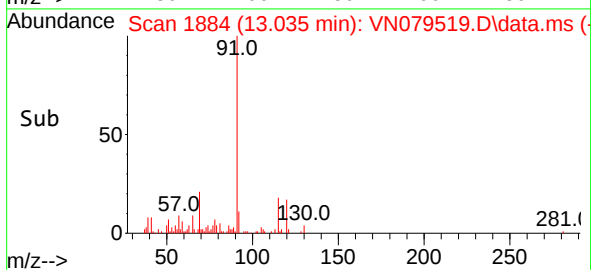
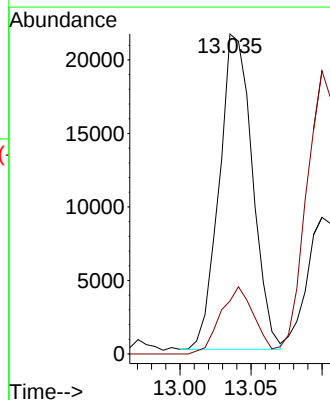
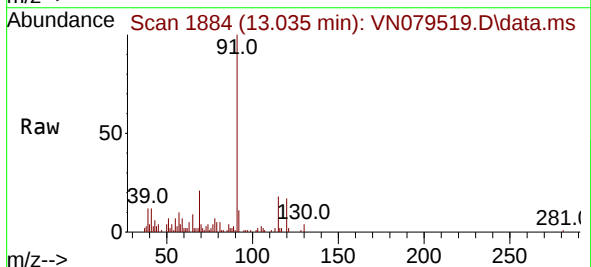
Instrument :
MSVOA_N
ClientSampleId :
TOTES-1

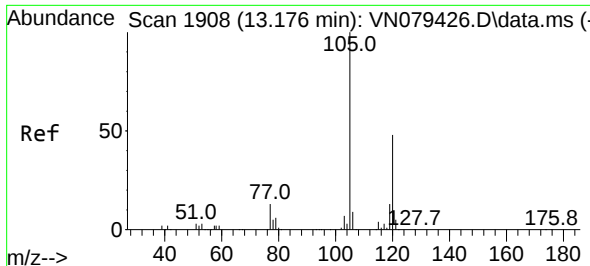
Tgt Ion:105 Resp: 17973
Ion Ratio Lower Upper
105 100
120 28.7 13.1 39.1



#78
n-propylbenzene
Concen: 0.937 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 91 Resp: 34832
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4

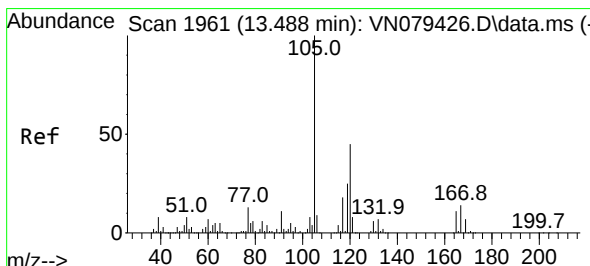
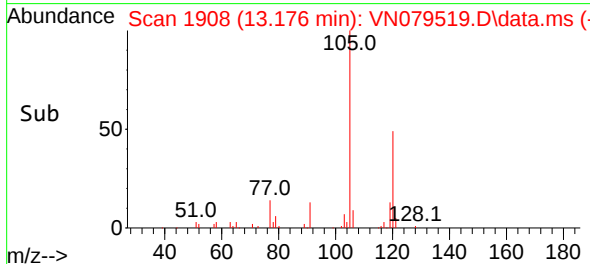
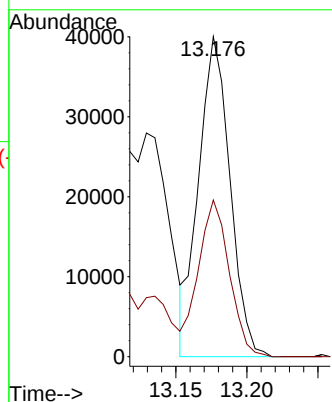
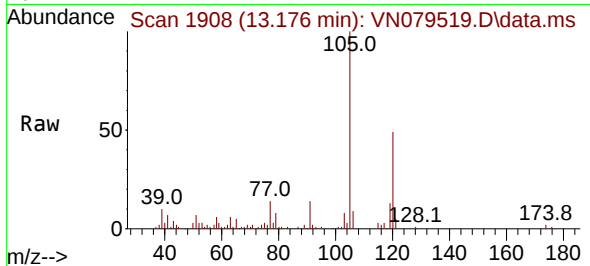




#80
 1,3,5-Trimethylbenzene
 Concen: 2.371 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00

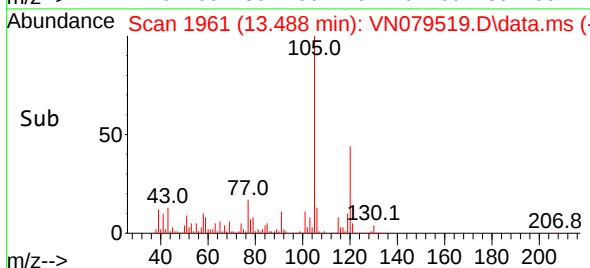
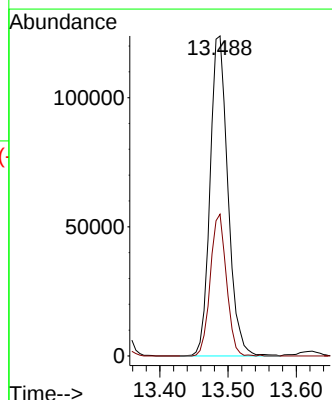
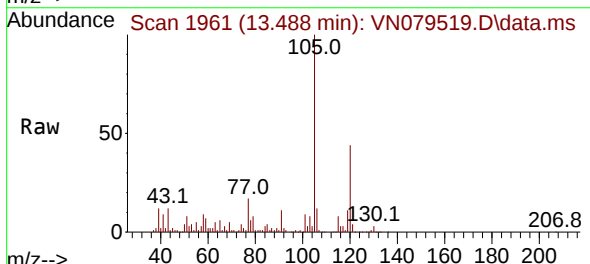
Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-1

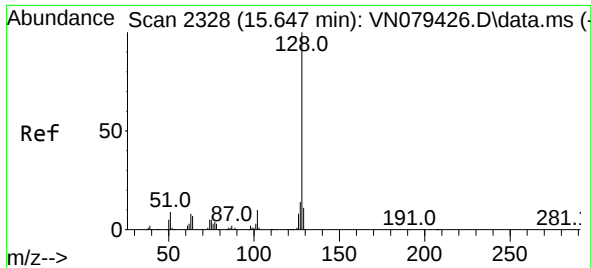
Tgt Ion:105 Resp: 61433
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 9.123 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00

Tgt Ion:105 Resp: 225622
 Ion Ratio Lower Upper
 105 100
 120 39.9 22.0 66.0





#95
Naphthalene
Concen: 372.438 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
TOTES-1

Tgt Ion:128 Resp: 4391001
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.9 8.7 13.1

