

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074226.D
 Acq On : 31 Aug 2022 20:06
 Operator : JC\MD
 Sample : N4444-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WH-1

Quant Time: Sep 01 00:30:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	187783	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	346811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	331237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	162239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	156914	53.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.740%
35) Dibromofluoromethane	7.951	113	126508	56.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.120%
50) Toluene-d8	10.381	98	407536	45.855	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.669	95	160637	59.435	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.880%

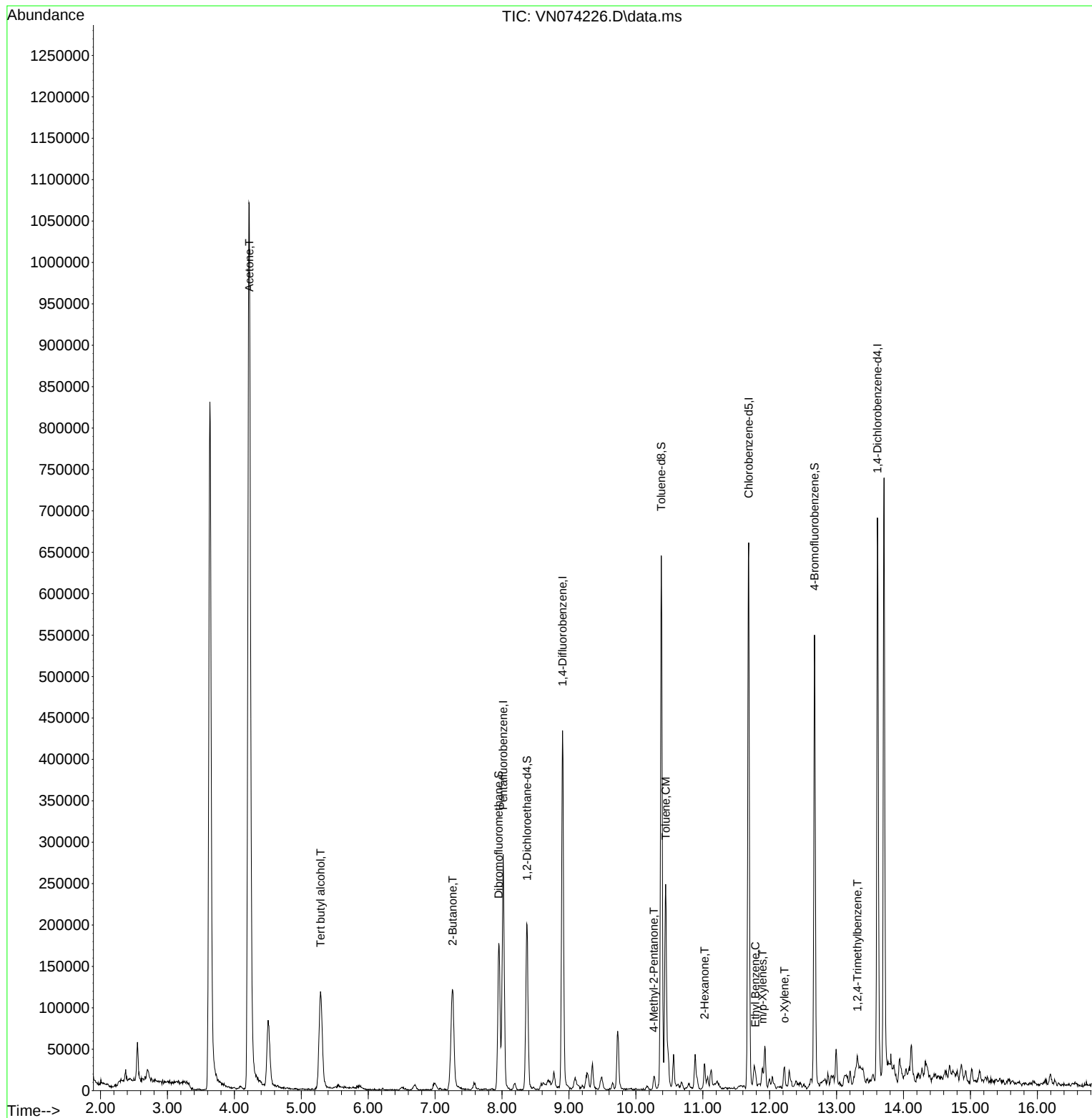
Target Compounds						Qvalue
11) Tert butyl alcohol	5.287	59	206207	317.112	ug/l	98
16) Acetone	4.222	43	1996071	1025.475	ug/l	93
25) 2-Butanone	7.263	43	194957	62.610	ug/l	# 89
51) 4-Methyl-2-Pentanone	10.269	43	13901	2.327	ug/l	# 83
52) Toluene	10.445	92	98496	14.534	ug/l	93
59) 2-Hexanone	11.028	43	23378	5.156	ug/l	81
67) Ethyl Benzene	11.786	91	5648	0.422	ug/l	# 60
68) m/p-Xylenes	11.892	106	6096	1.227	ug/l	88
69) o-Xylene	12.222	106	5003	1.010	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	16942	1.554	ug/l	84

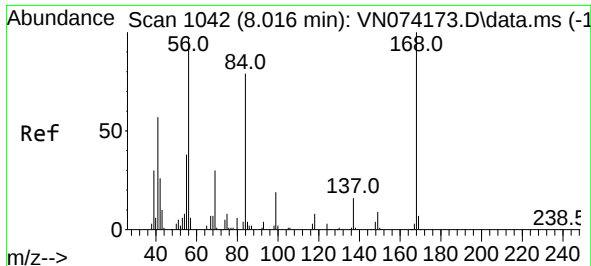
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
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Quant Time: Sep 01 00:30:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

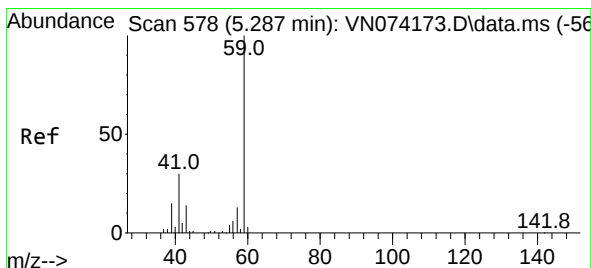
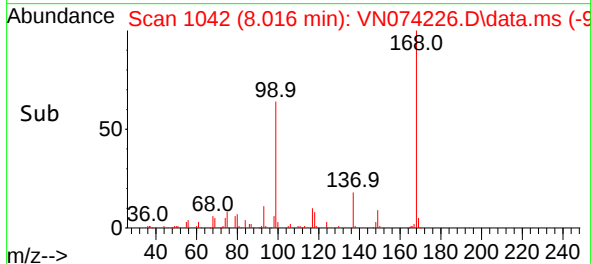
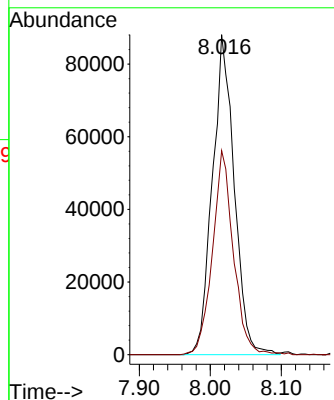
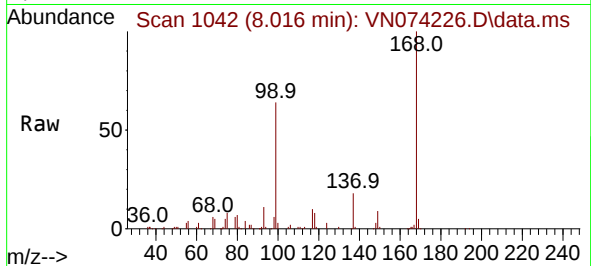




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

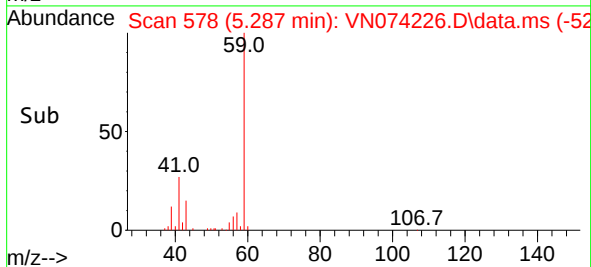
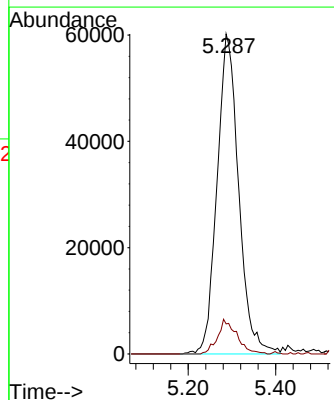
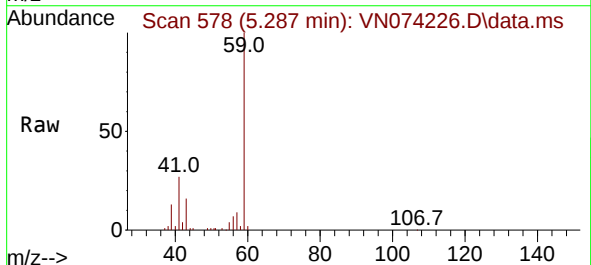
Instrument :
MSVOA_N
ClientSampleId :
WH-1

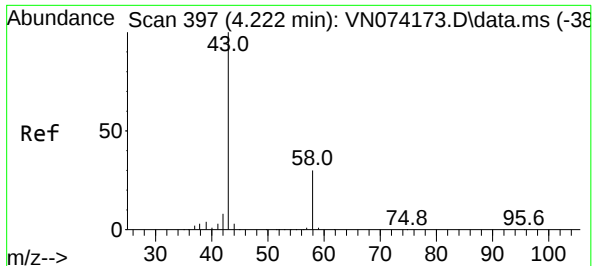
Tgt Ion:168 Resp: 187783
Ion Ratio Lower Upper
168 100
99 63.7 42.3 63.5#



#11
Tert butyl alcohol
Concen: 317.112 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

Tgt Ion: 59 Resp: 206207
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

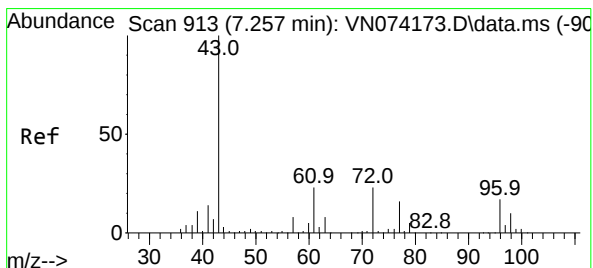
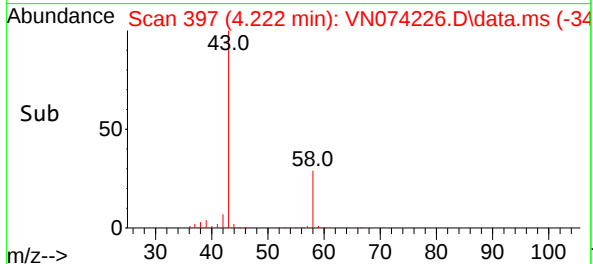
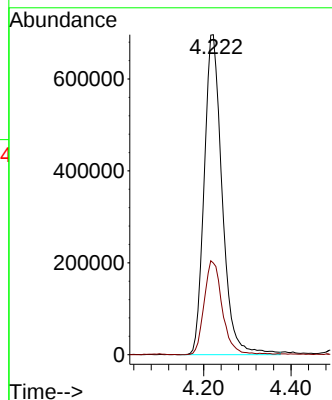
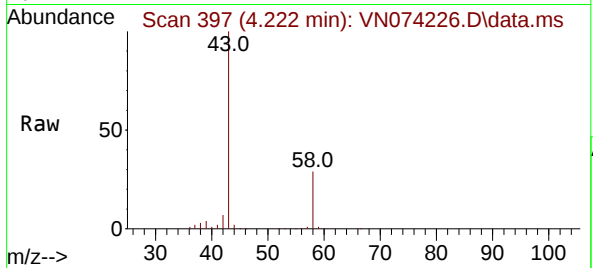




#16
Acetone
Concen: 1025.475 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

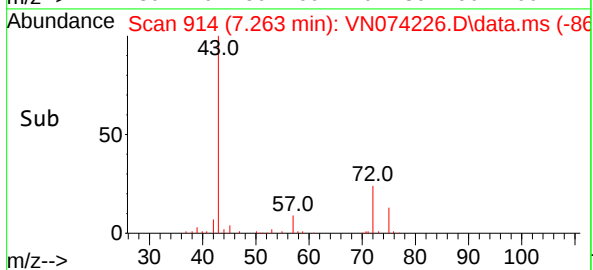
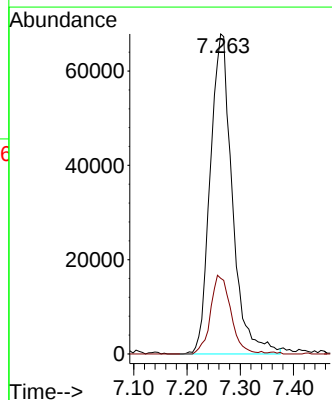
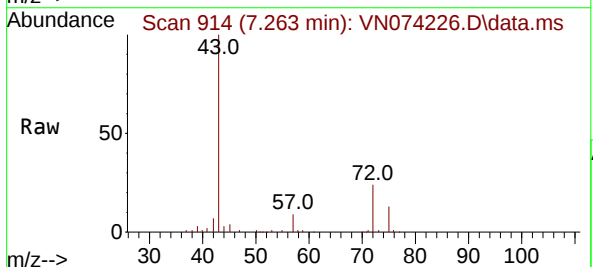
Instrument :
MSVOA_N
ClientSampleId :
WH-1

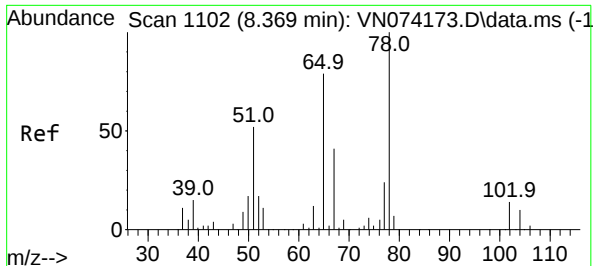
Tgt Ion: 43 Resp: 1996071
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0



#25
2-Butanone
Concen: 62.610 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

Tgt Ion: 43 Resp: 194957
Ion Ratio Lower Upper
43 100
72 23.7 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 53.867 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074226.D

Acq: 31 Aug 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

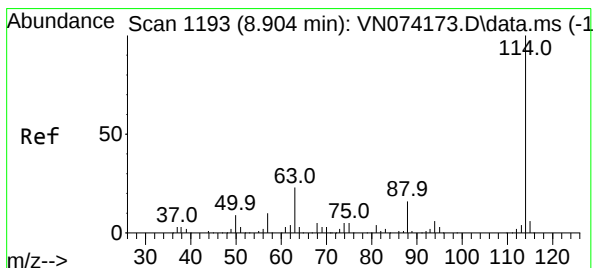
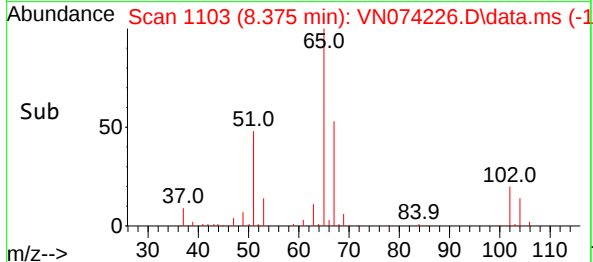
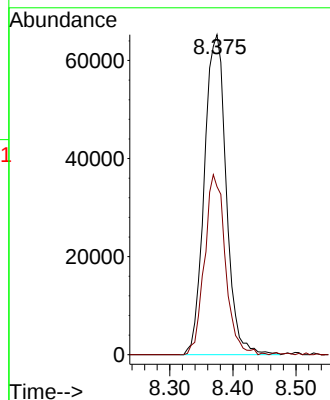
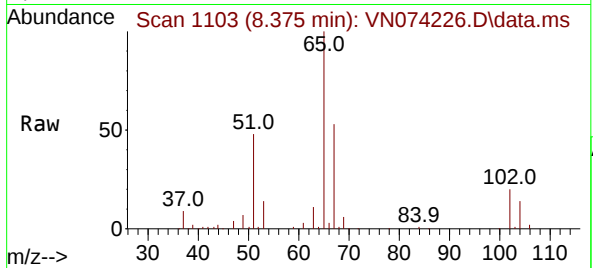
WH-1

Tgt Ion: 65 Resp: 156914

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074226.D

Acq: 31 Aug 2022 20:06

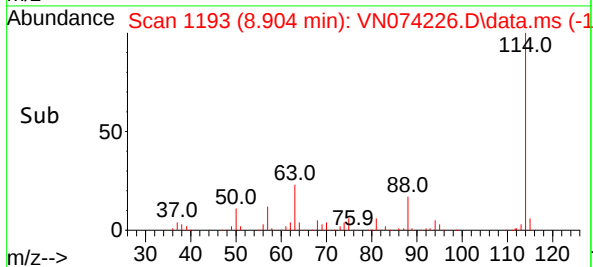
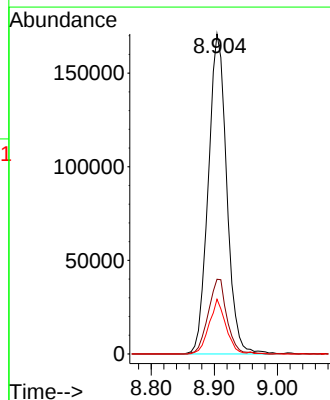
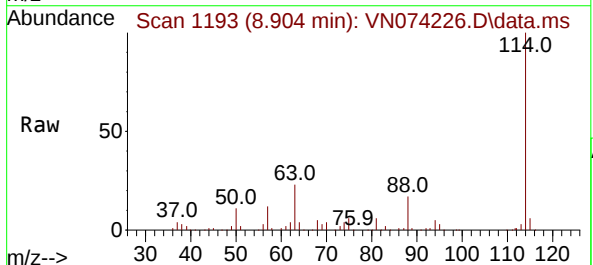
Tgt Ion: 114 Resp: 346811

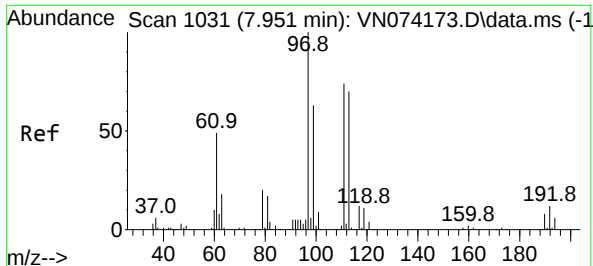
Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.0

88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.057 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074226.D

Acq: 31 Aug 2022 20:06

Instrument :

MSVOA_N

ClientSampleId :

WH-1

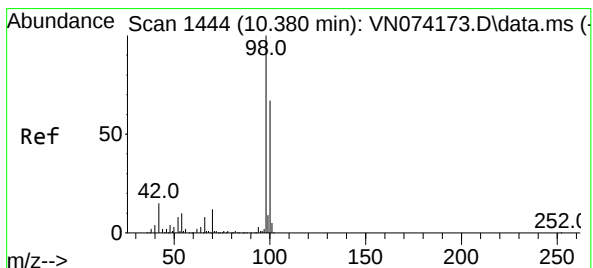
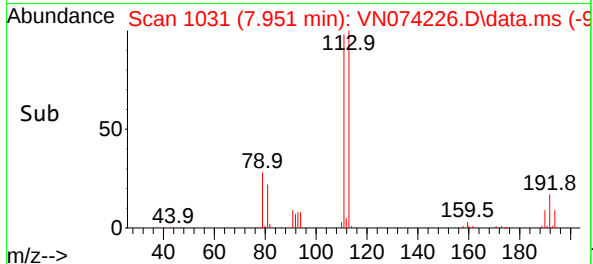
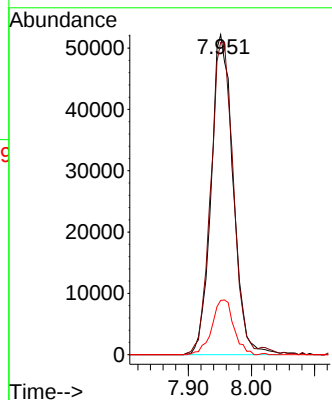
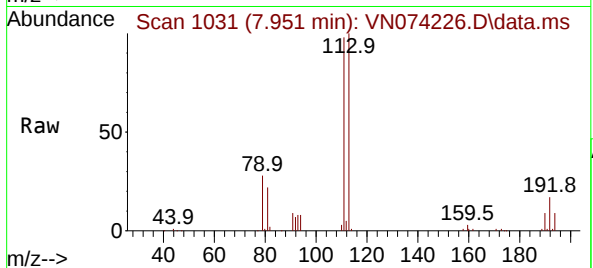
Tgt Ion:113 Resp: 126508

Ion Ratio Lower Upper

113 100

111 99.6 81.4 122.0

192 16.9 17.0 25.6#



#50

Toluene-d8

Concen: 45.855 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074226.D

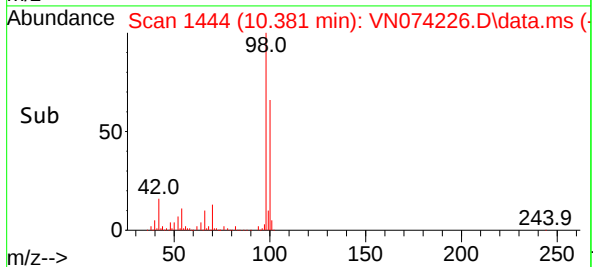
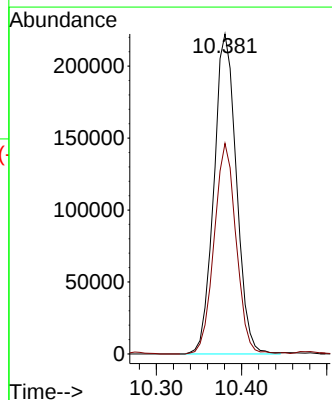
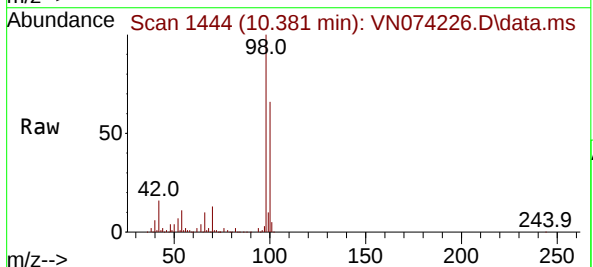
Acq: 31 Aug 2022 20:06

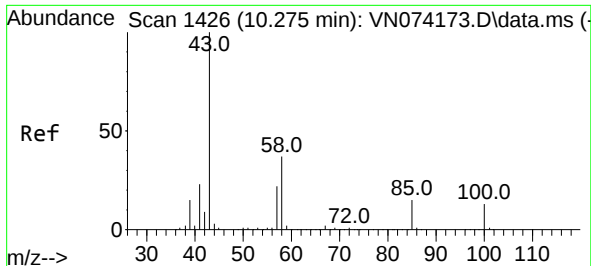
Tgt Ion: 98 Resp: 407536

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8

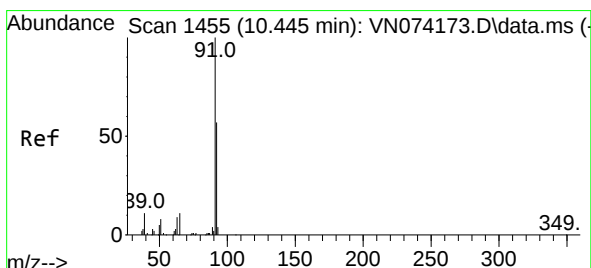
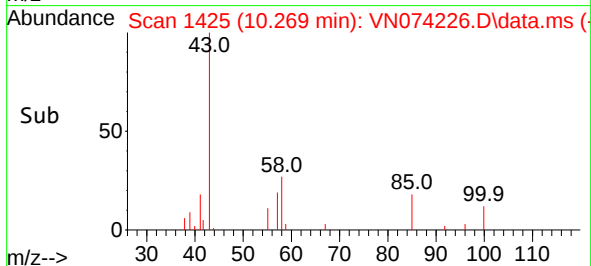
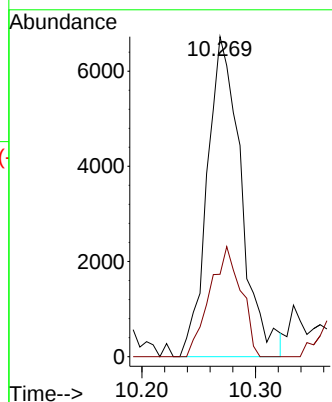
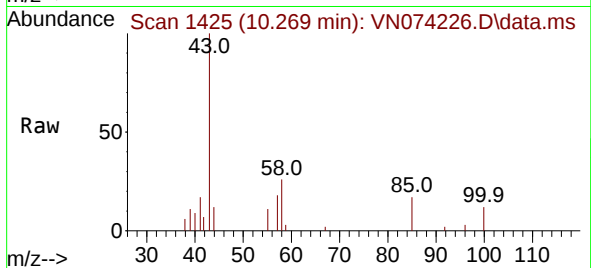




#51
4-Methyl-2-Pentanone
Concen: 2.327 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

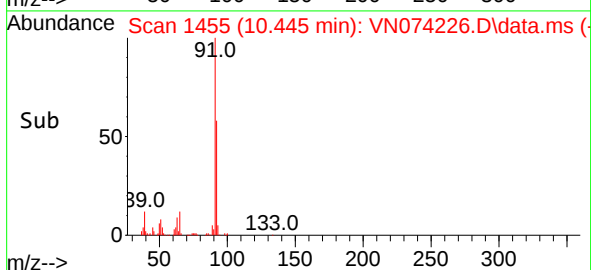
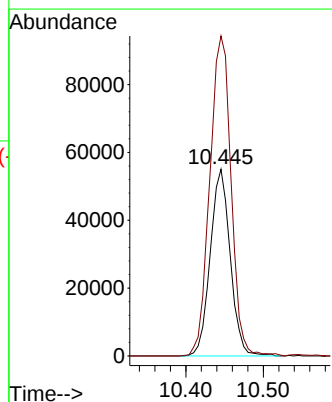
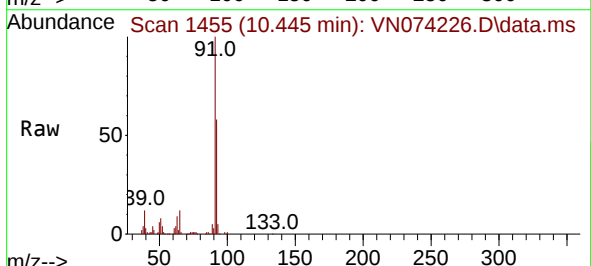
Instrument :
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ClientSampleId :
WH-1

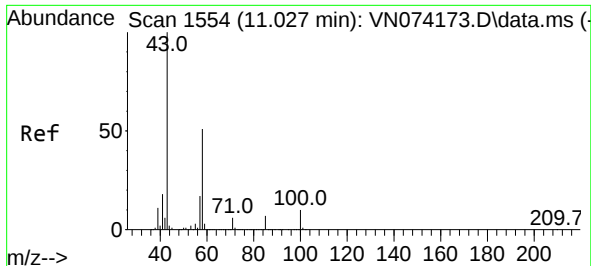
Tgt Ion: 43 Resp: 13901
Ion Ratio Lower Upper
43 100
58 31.8 34.1 51.1#



#52
Toluene
Concen: 14.534 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

Tgt Ion: 92 Resp: 98496
Ion Ratio Lower Upper
92 100
91 182.8 138.6 207.8

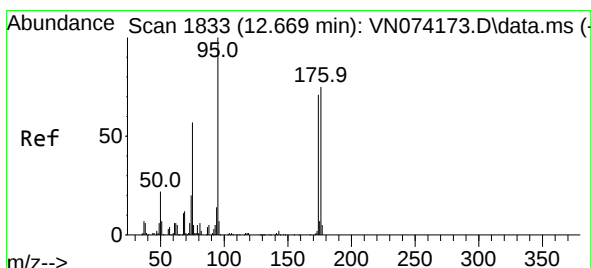
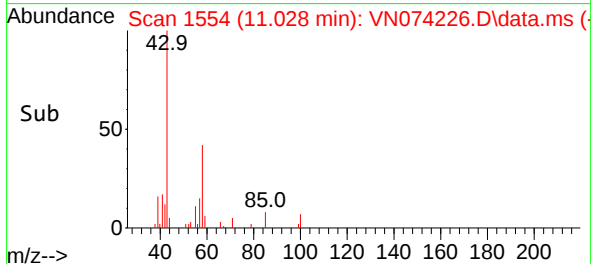
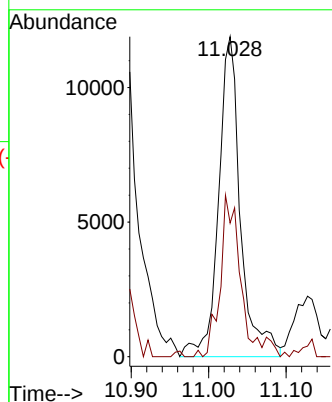
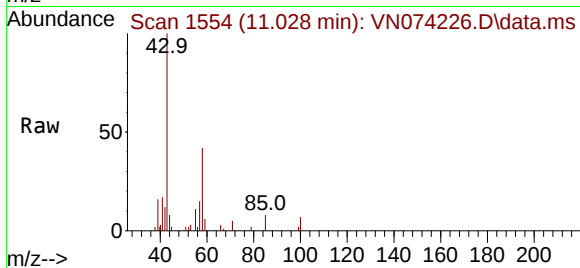




#59
2-Hexanone
Concen: 5.156 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

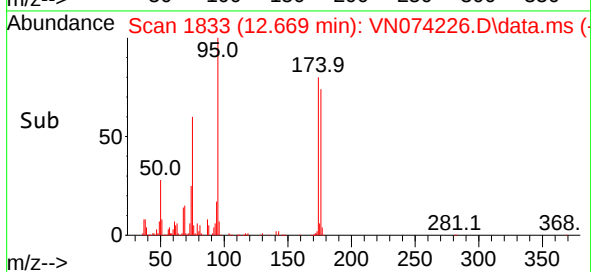
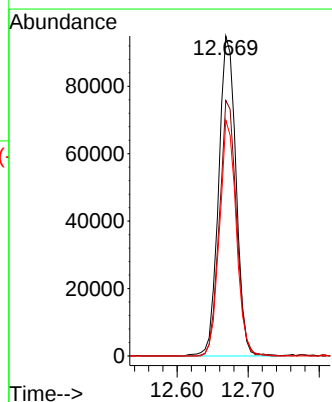
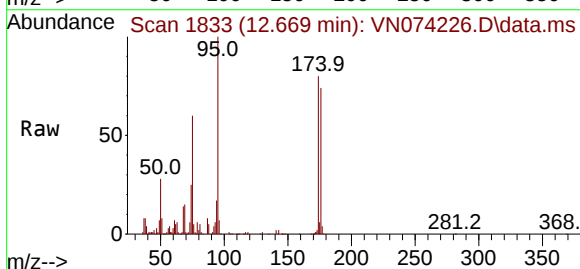
Instrument :
MSVOA_N
ClientSampleId :
WH-1

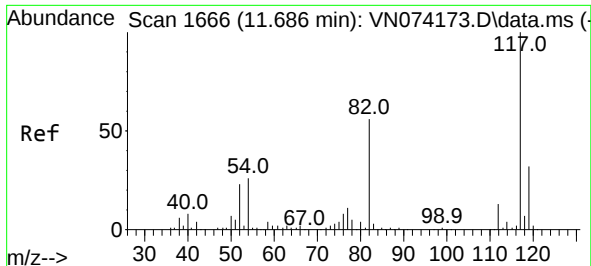
Tgt Ion: 43 Resp: 23378
Ion Ratio Lower Upper
43 100
58 45.2 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 59.435 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

Tgt Ion: 95 Resp: 160637
Ion Ratio Lower Upper
95 100
174 78.7 0.0 167.6
176 71.1 0.0 163.4

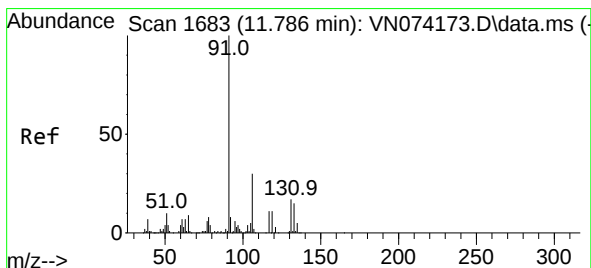
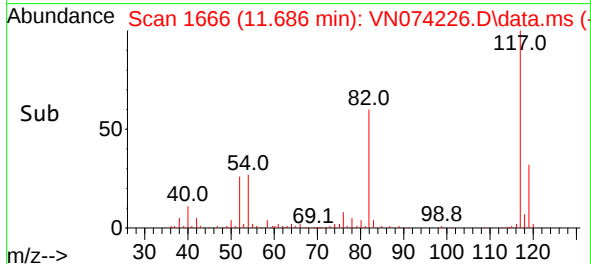
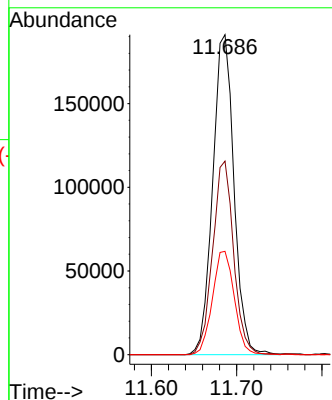
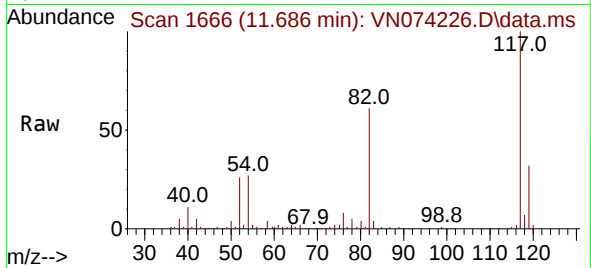




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

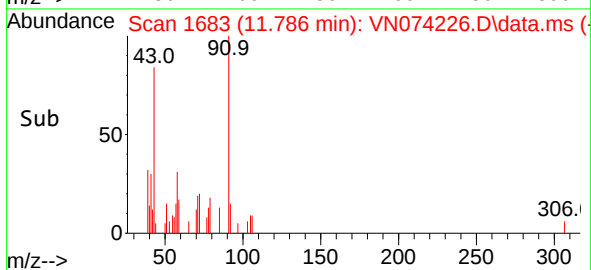
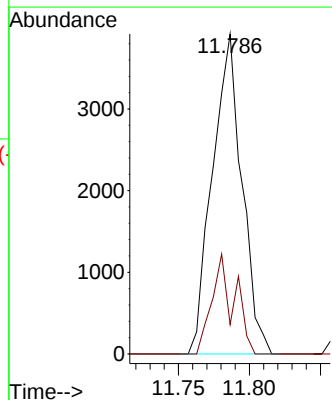
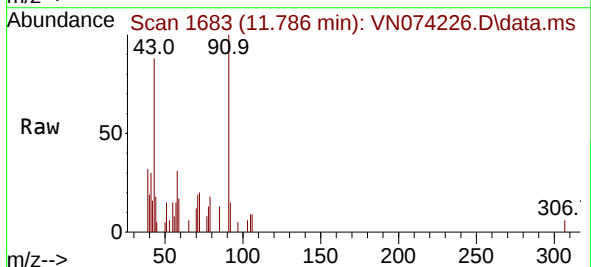
Instrument :
MSVOA_N
ClientSampleId :
WH-1

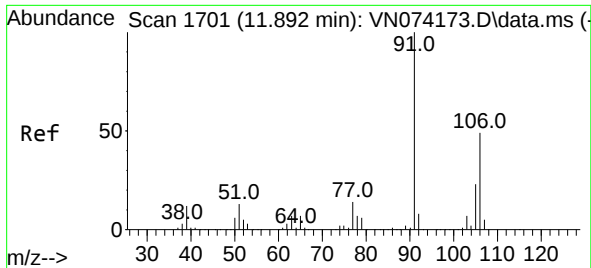
Tgt Ion:117 Resp: 331237
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 32.3 25.4 38.0



#67
Ethyl Benzene
Concen: 0.422 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

Tgt Ion: 91 Resp: 5648
Ion Ratio Lower Upper
91 100
106 9.2 24.9 37.3#

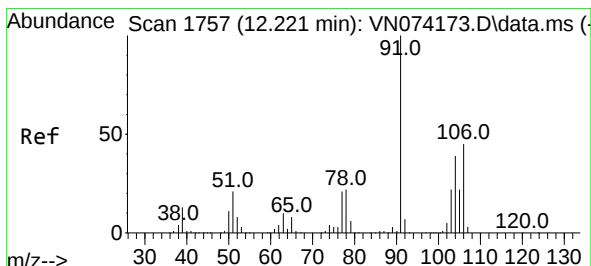
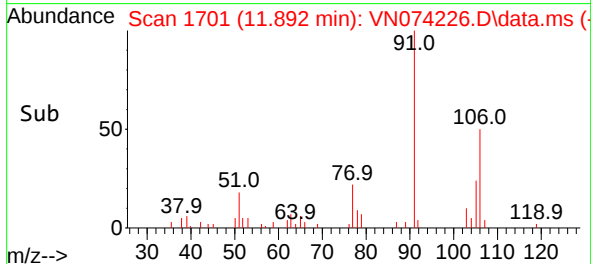
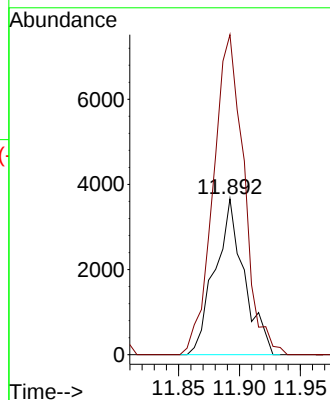
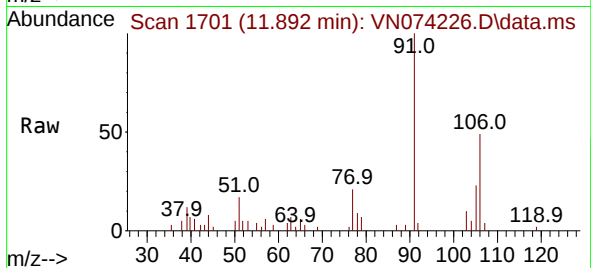




#68
m/p-Xylenes
Concen: 1.227 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

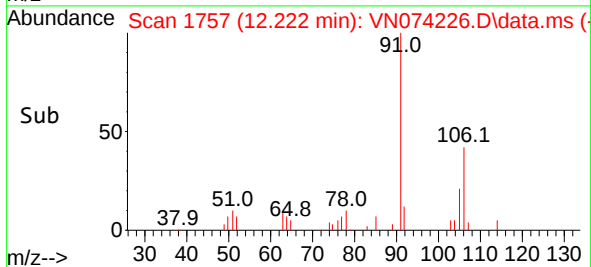
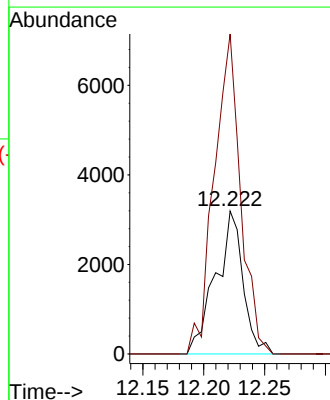
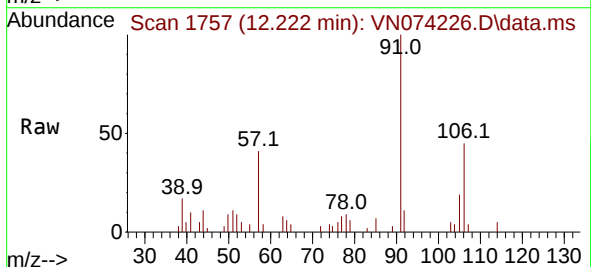
Instrument :
MSVOA_N
ClientSampleId :
WH-1

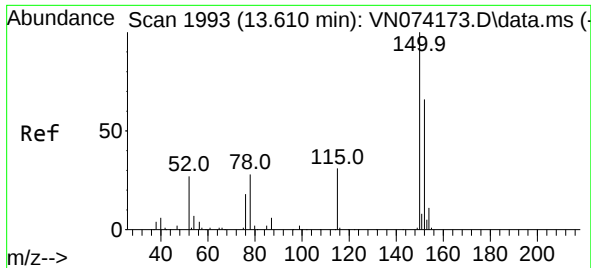
Tgt Ion:106 Resp: 6096
Ion Ratio Lower Upper
106 100
91 216.5 158.9 238.3



#69
o-Xylene
Concen: 1.010 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074226.D
Acq: 31 Aug 2022 20:06

Tgt Ion:106 Resp: 5003
Ion Ratio Lower Upper
106 100
91 215.8 106.0 318.0

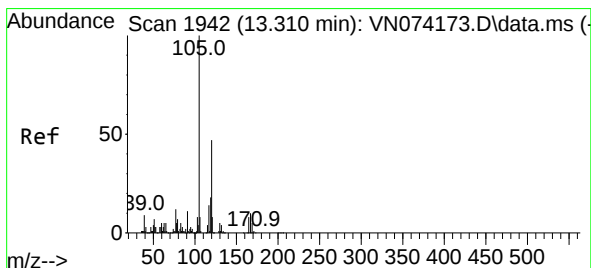
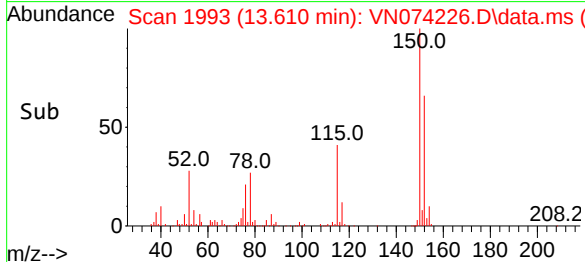
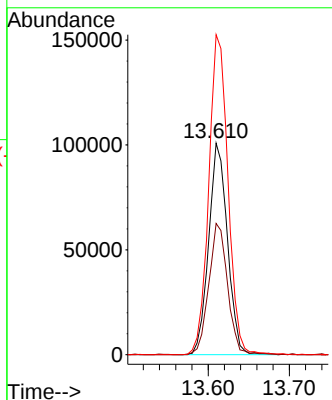
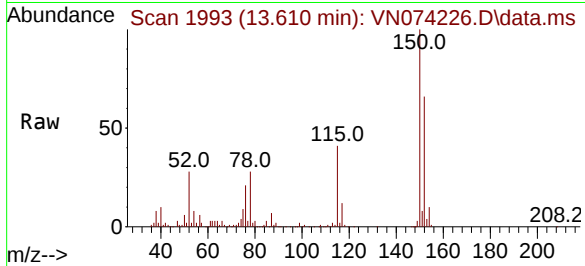




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074226.D
 Acq: 31 Aug 2022 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 WH-1

Tgt Ion:152 Resp: 162239
 Ion Ratio Lower Upper
 152 100
 115 61.9 28.9 86.7
 150 154.8 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.554 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. 0.000 min
 Lab File: VN074226.D
 Acq: 31 Aug 2022 20:06

Tgt Ion:105 Resp: 16942
 Ion Ratio Lower Upper
 105 100
 120 36.1 23.3 69.8

