

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081253.D
 Acq On : 28 Feb 2024 19:17
 Operator : JC\MD
 Sample : P1587-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1326

Quant Time: Feb 28 23:31:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	308384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	518718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	214593	56.772	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.540%
35) Dibromofluoromethane	8.165	113	170368	52.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.060%
50) Toluene-d8	10.571	98	638255	55.406	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.820%
62) 4-Bromofluorobenzene	12.853	95	220751	50.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.000%

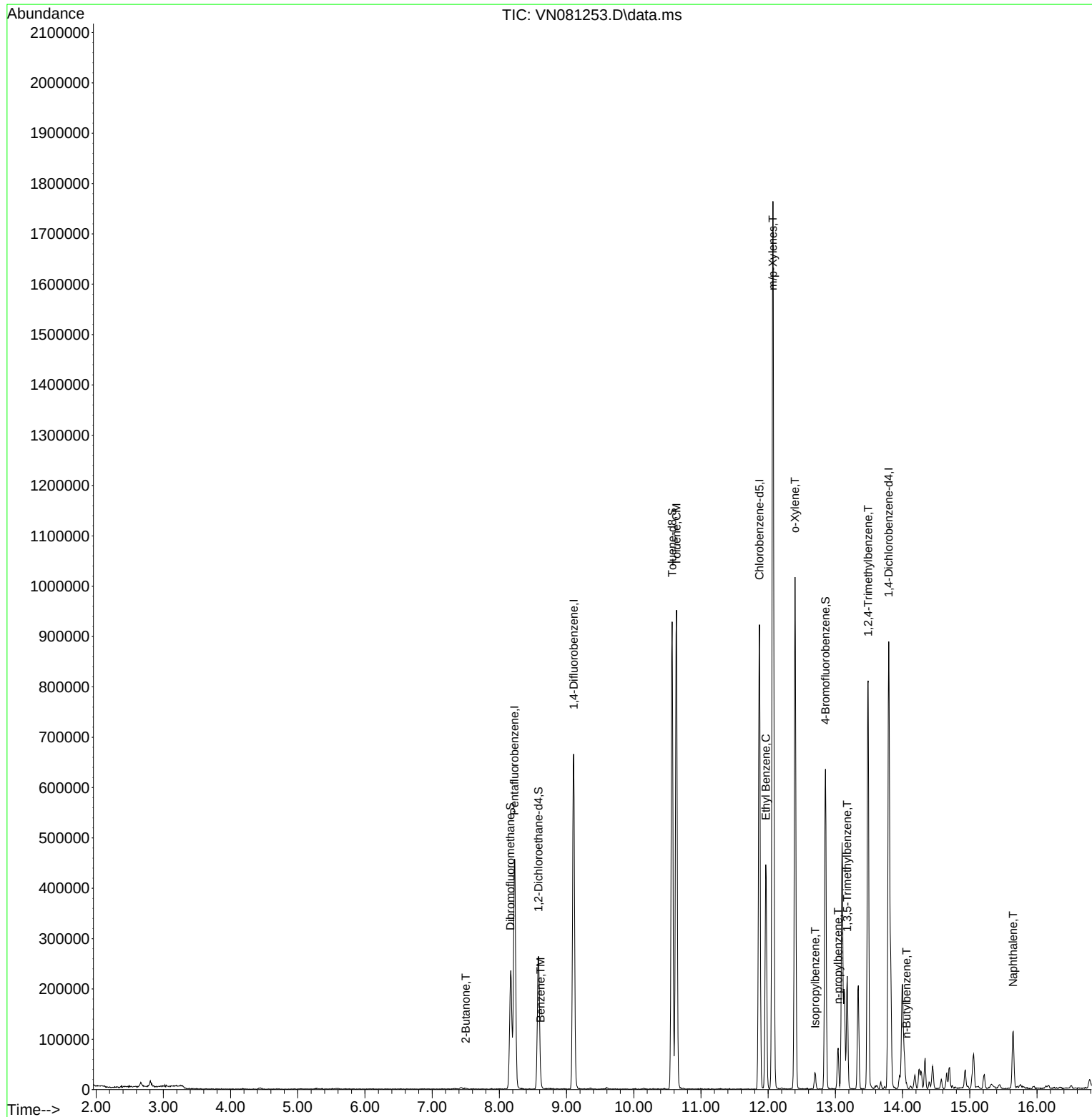
Target Compounds					Qvalue	
25) 2-Butanone	7.500	43	3036	1.264	ug/l #	88
40) Benzene	8.612	78	7713	0.480	ug/l #	88
52) Toluene	10.635	92	416476	40.903	ug/l	97
67) Ethyl Benzene	11.965	91	332738	16.563	ug/l	97
68) m/p-Xylenes	12.071	106	555863	72.189	ug/l	95
69) o-Xylene	12.400	106	267525	35.049	ug/l	96
73) Isopropylbenzene	12.700	105	21971	1.112	ug/l	98
78) n-propylbenzene	13.041	91	61356	2.697	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	121580	7.588	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	467190	29.263	ug/l	96
89) n-Butylbenzene	14.059	91	3797	0.272	ug/l #	78
95) Naphthalene	15.647	128	101710	6.196	ug/l	99

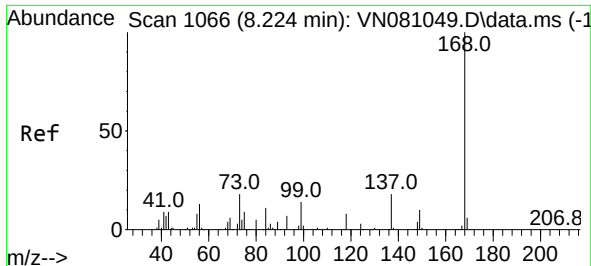
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1326

Quant Time: Feb 28 23:31:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

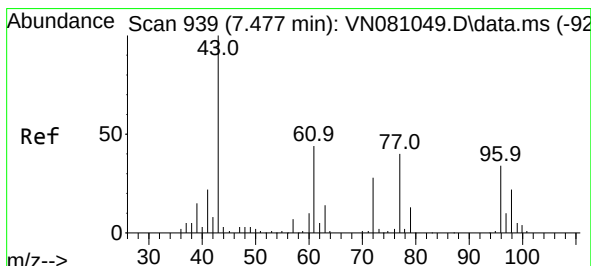
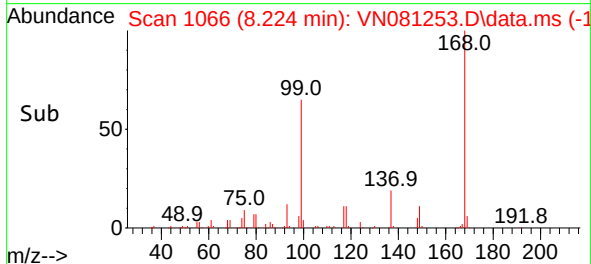
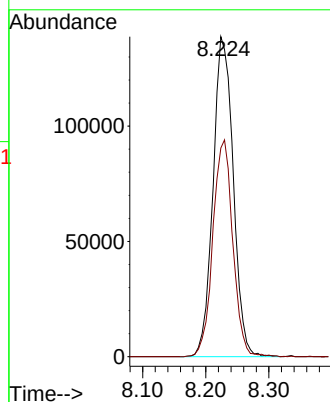
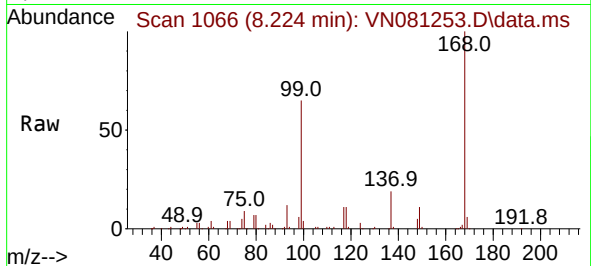




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

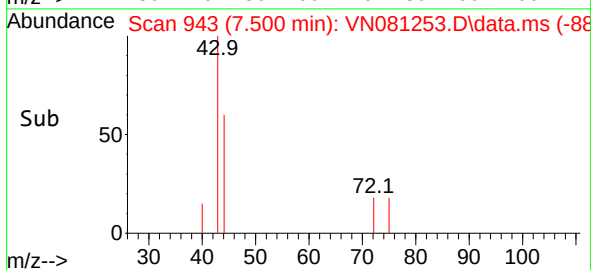
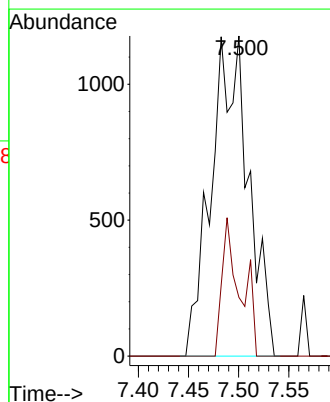
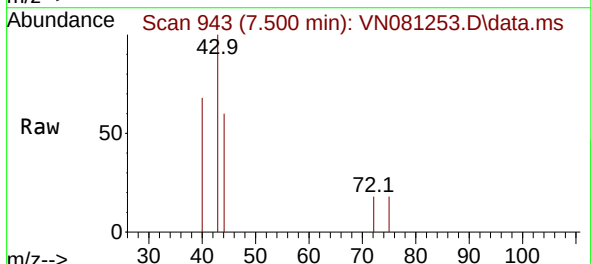
Instrument :
MSVOA_N
ClientSampleId :
1326

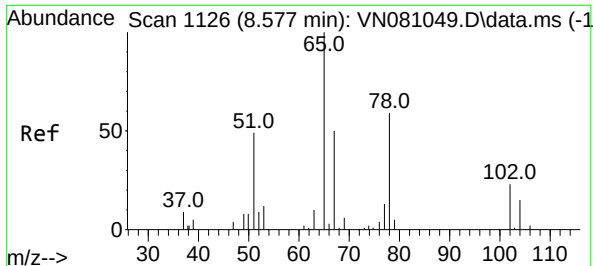
Tgt Ion:168 Resp: 308384
Ion Ratio Lower Upper
168 100
99 65.2 59.9 89.9



#25
2-Butanone
Concen: 1.264 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.023 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

Tgt Ion: 43 Resp: 3036
Ion Ratio Lower Upper
43 100
72 18.3 19.5 29.3#





#33

1,2-Dichloroethane-d4

Concen: 56.772 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081253.D

Acq: 28 Feb 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

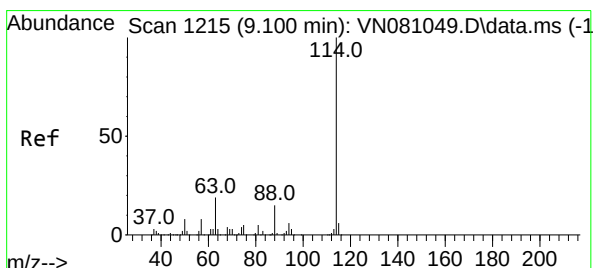
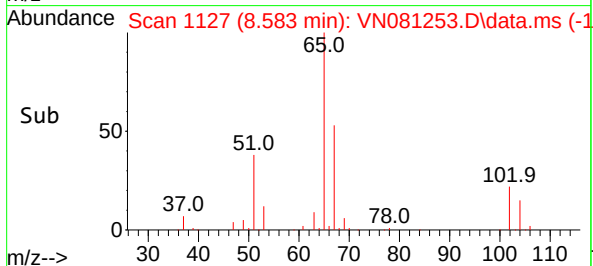
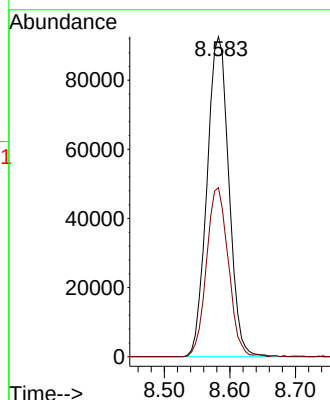
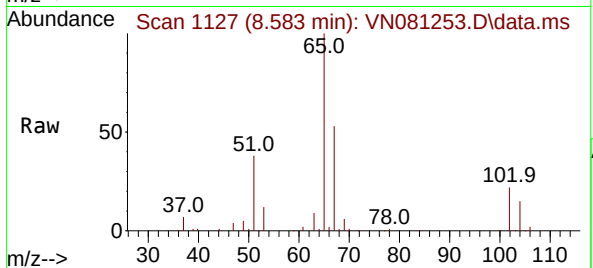
1326

Tgt Ion: 65 Resp: 214593

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081253.D

Acq: 28 Feb 2024 19:17

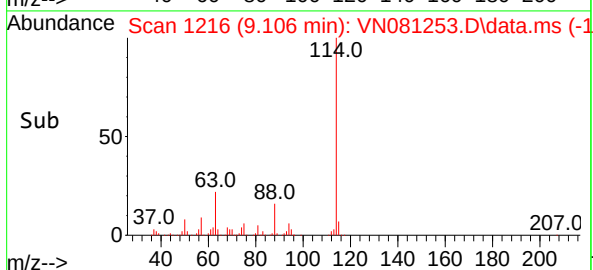
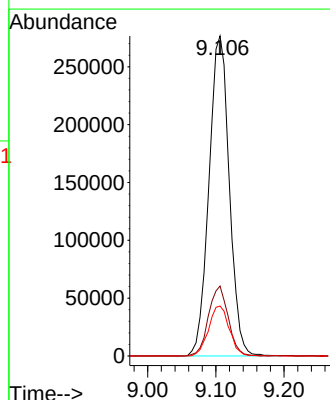
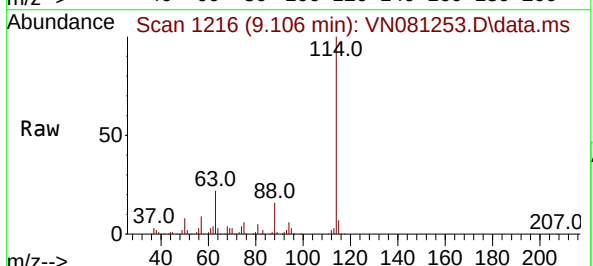
Tgt Ion: 114 Resp: 573576

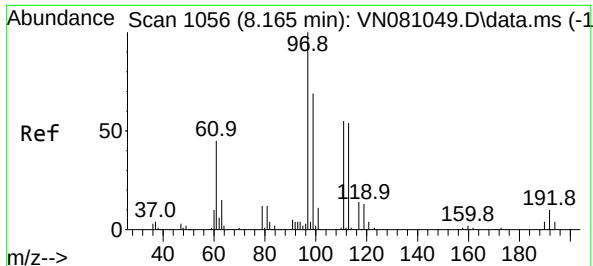
Ion Ratio Lower Upper

114 100

63 21.8 0.0 48.0

88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.528 ug/l

RT: 8.165 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN081253.D

Acq: 28 Feb 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

1326

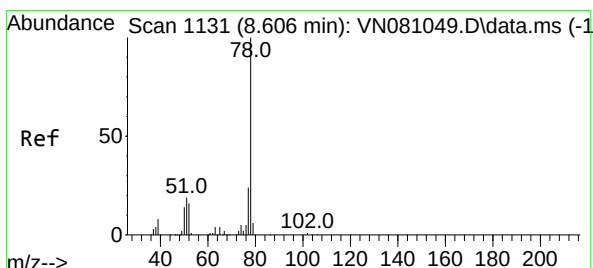
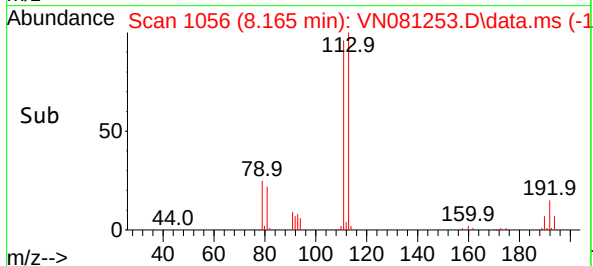
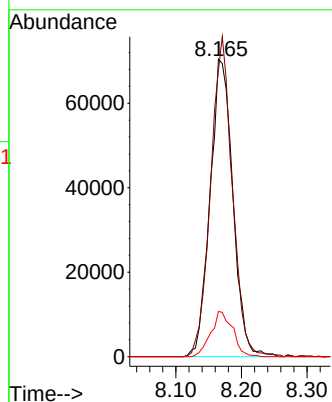
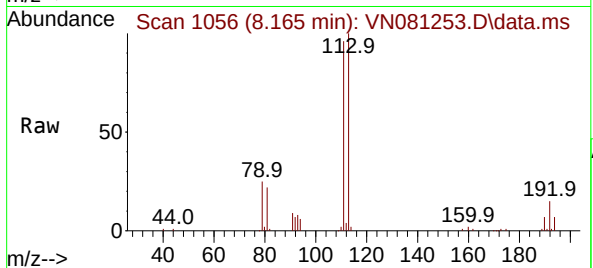
Tgt Ion:113 Resp: 170368

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 14.6 12.5 18.7



#40

Benzene

Concen: 0.480 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081253.D

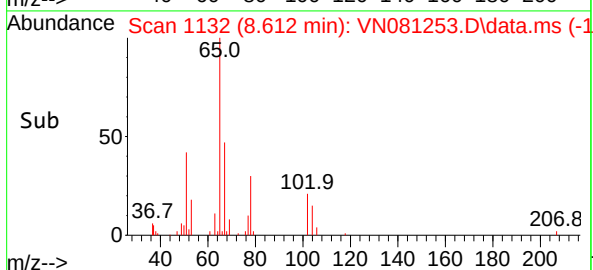
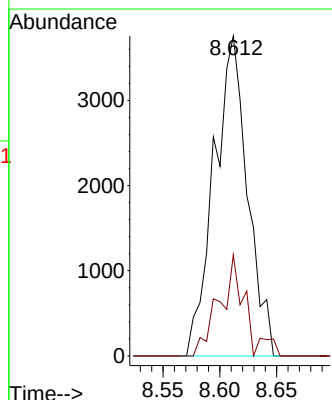
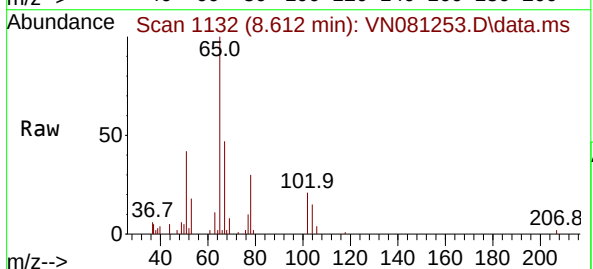
Acq: 28 Feb 2024 19:17

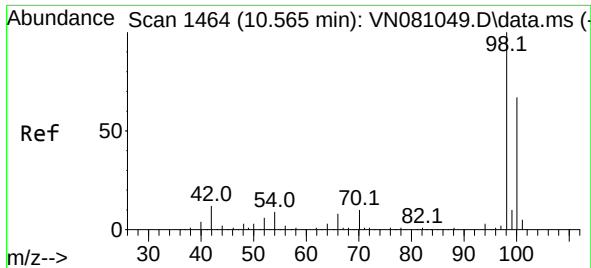
Tgt Ion: 78 Resp: 7713

Ion Ratio Lower Upper

78 100

77 31.6 20.4 30.6#

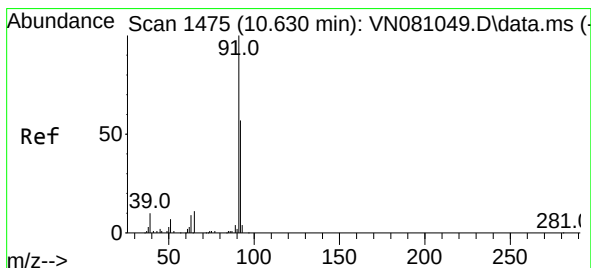
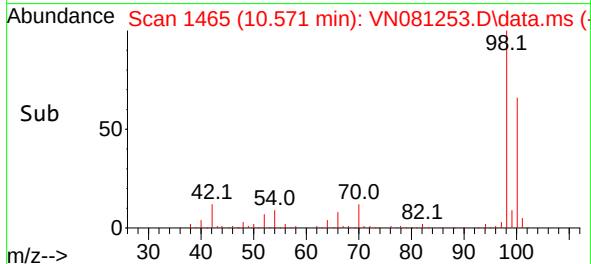
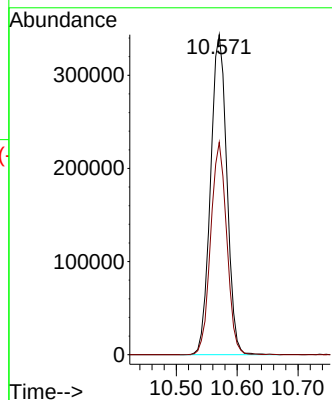
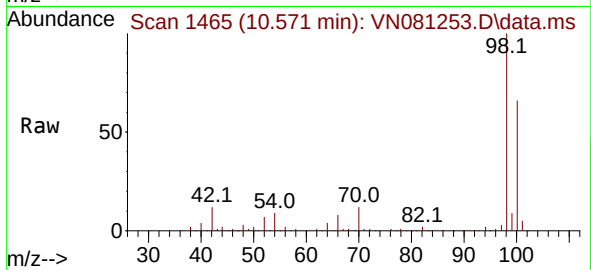




#50
Toluene-d8
Concen: 55.406 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

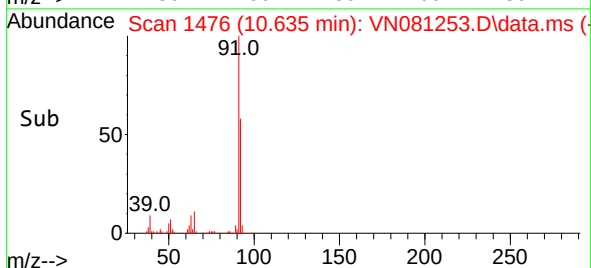
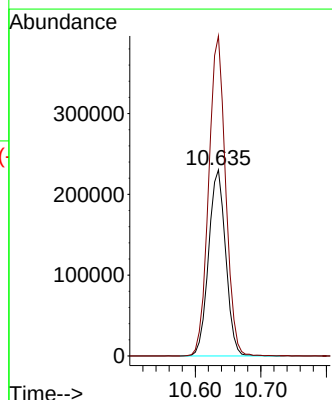
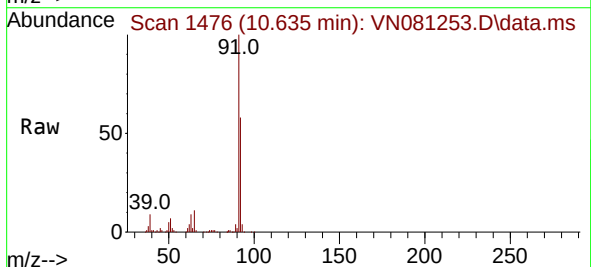
Instrument :
MSVOA_N
ClientSampleId :
1326

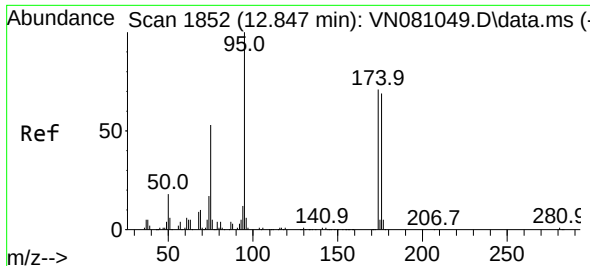
Tgt Ion: 98 Resp: 638255
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#52
Toluene
Concen: 40.903 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

Tgt Ion: 92 Resp: 416476
Ion Ratio Lower Upper
92 100
91 170.5 139.4 209.0

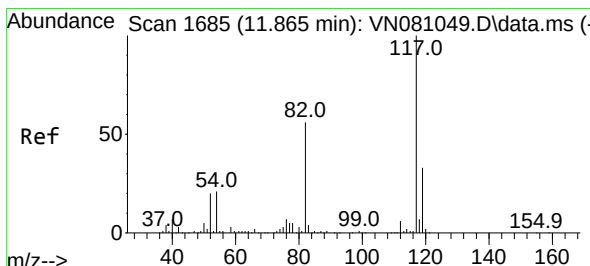
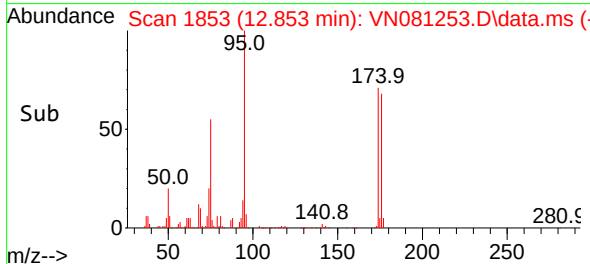
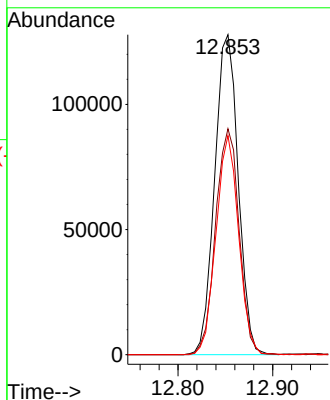
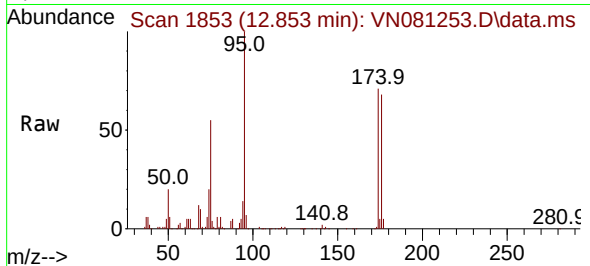




#62
4-Bromofluorobenzene
Concen: 50.999 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

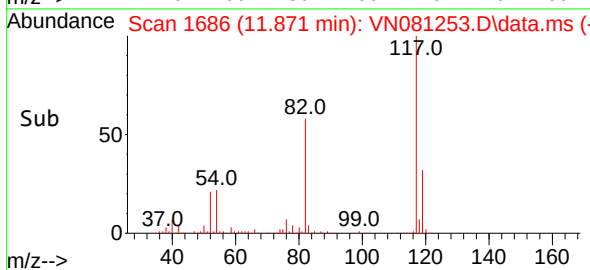
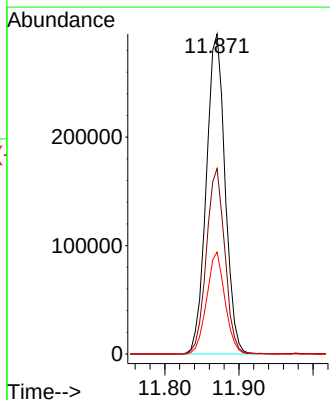
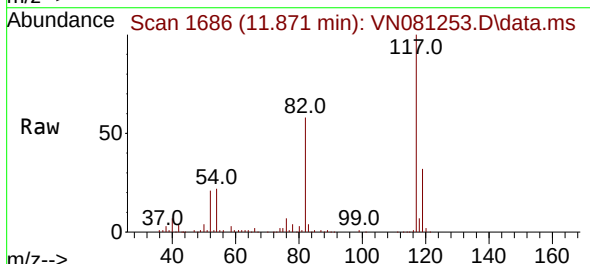
Instrument :
MSVOA_N
ClientSampleId :
1326

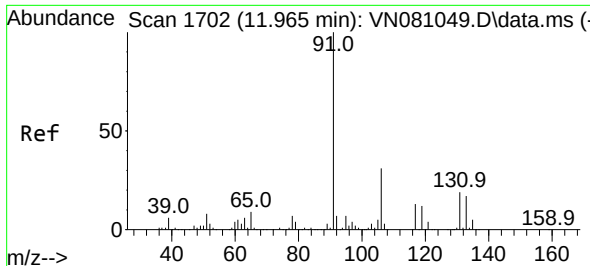
Tgt Ion: 95 Resp: 220751
Ion Ratio Lower Upper
95 100
174 70.6 0.0 120.4
176 65.9 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

Tgt Ion: 117 Resp: 518718
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 31.9 25.3 37.9

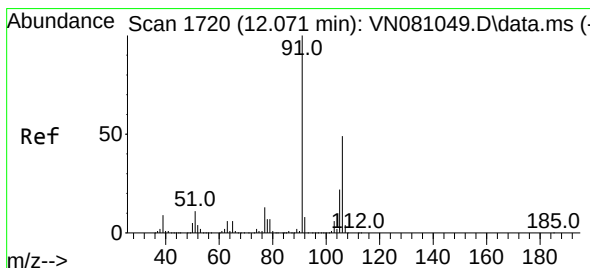
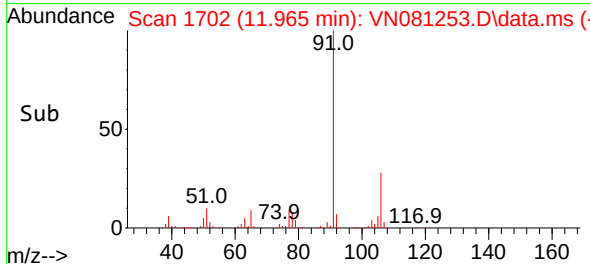
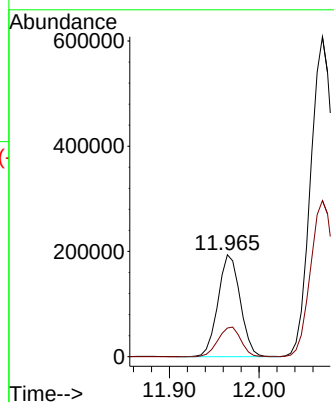
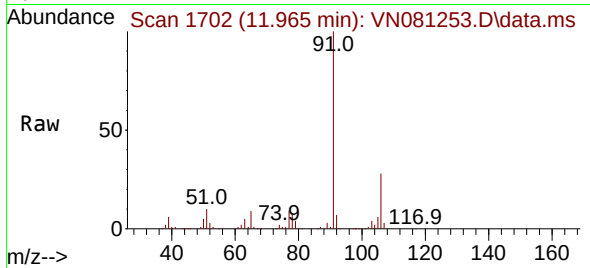




#67
Ethyl Benzene
Concen: 16.563 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

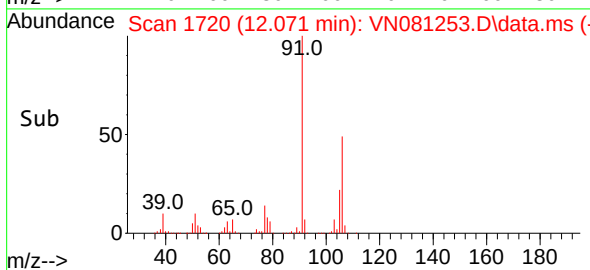
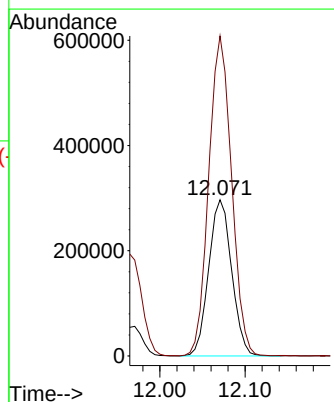
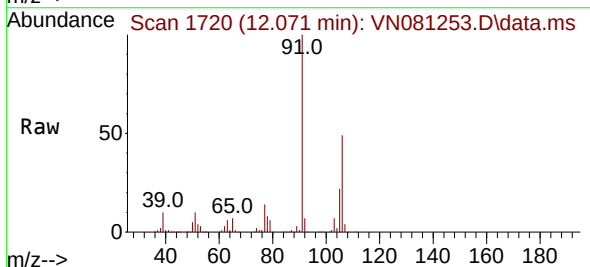
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MSVOA_N
ClientSampleId :
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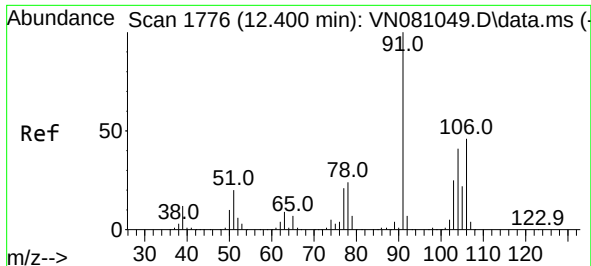
Tgt Ion: 91 Resp: 332738
Ion Ratio Lower Upper
91 100
106 28.1 23.8 35.6



#68
m/p-Xylenes
Concen: 72.189 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

Tgt Ion: 106 Resp: 555863
Ion Ratio Lower Upper
106 100
91 203.4 169.0 253.6

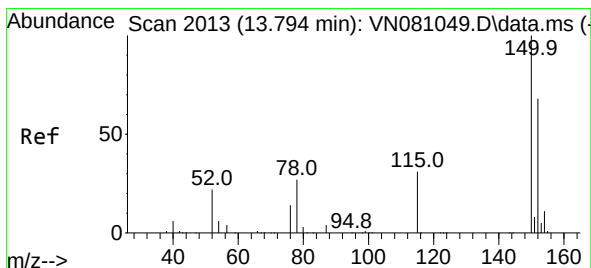
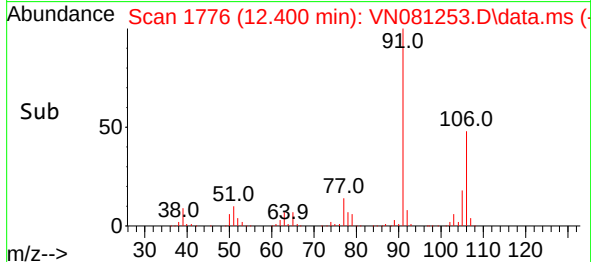
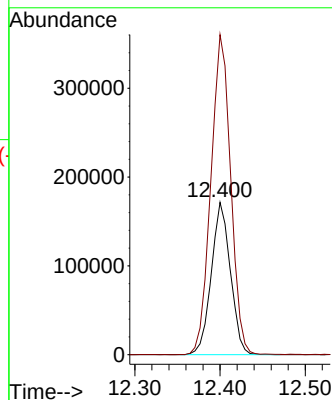
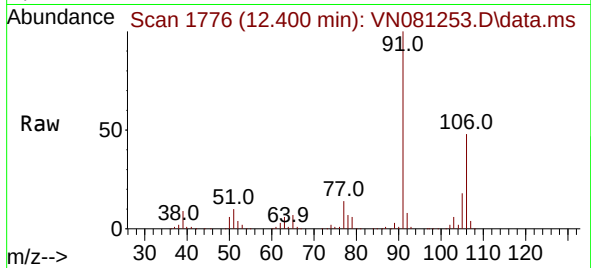




#69
o-Xylene
Concen: 35.049 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

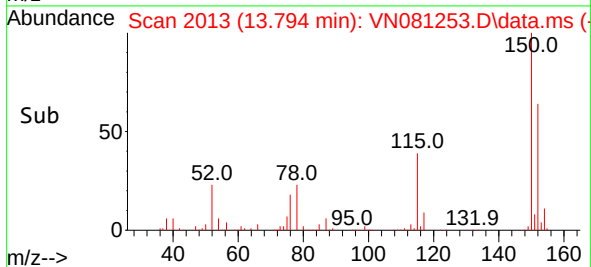
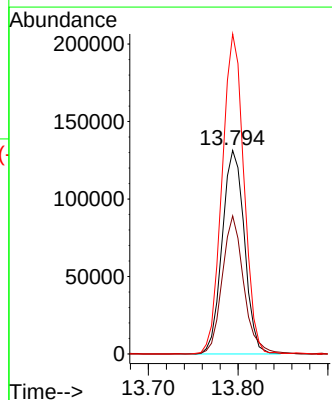
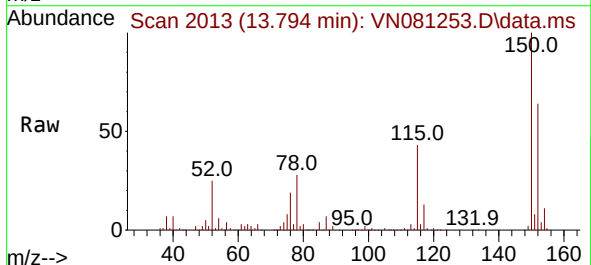
Instrument :
MSVOA_N
ClientSampleId :
1326

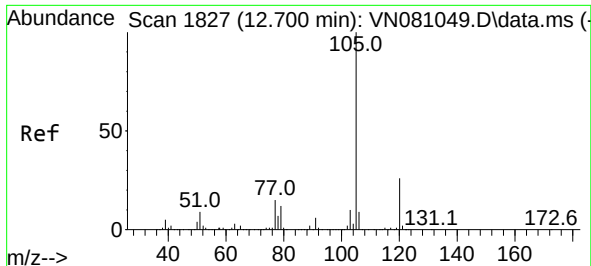
Tgt Ion:106 Resp: 267525
Ion Ratio Lower Upper
106 100
91 218.3 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

Tgt Ion:152 Resp: 225851
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 154.4 0.0 339.8

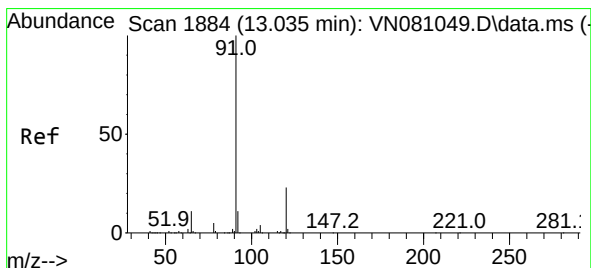
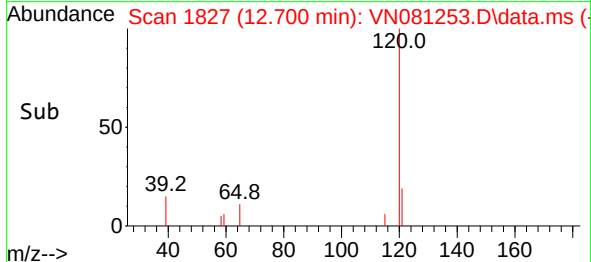
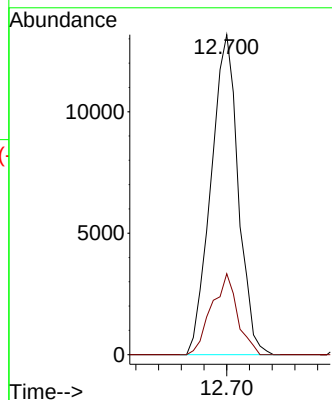
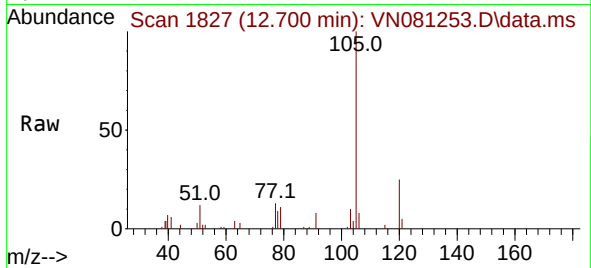




#73
Isopropylbenzene
Concen: 1.112 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

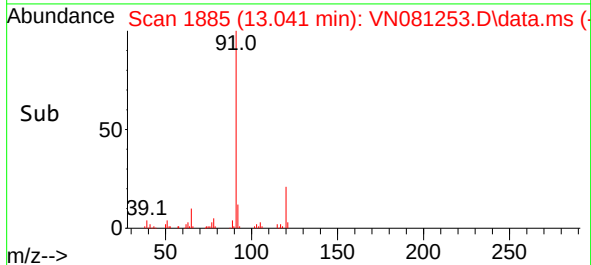
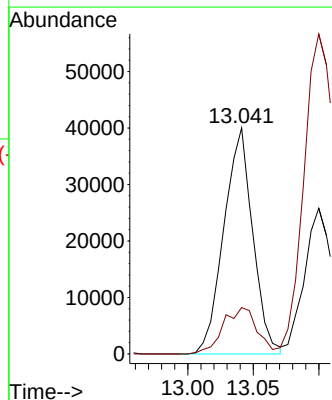
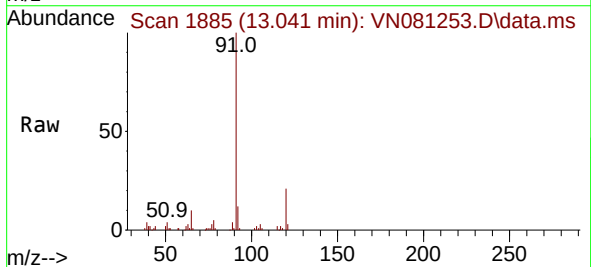
Instrument :
MSVOA_N
ClientSampleId :
1326

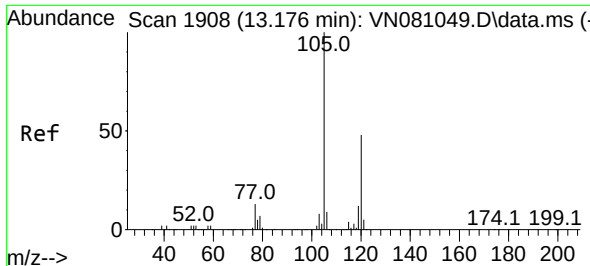
Tgt Ion:105 Resp: 21971
Ion Ratio Lower Upper
105 100
120 23.9 12.6 37.6



#78
n-propylbenzene
Concen: 2.697 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

Tgt Ion: 91 Resp: 61356
Ion Ratio Lower Upper
91 100
120 24.0 10.3 30.9

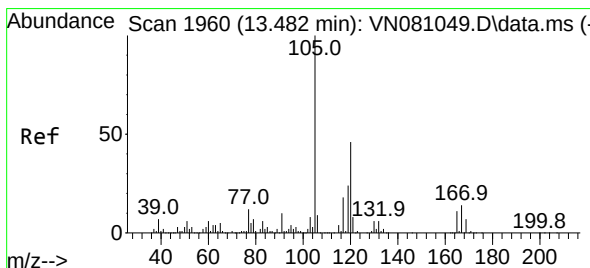
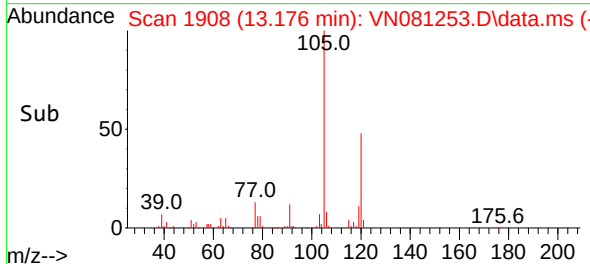
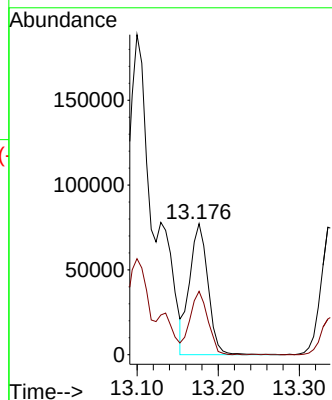
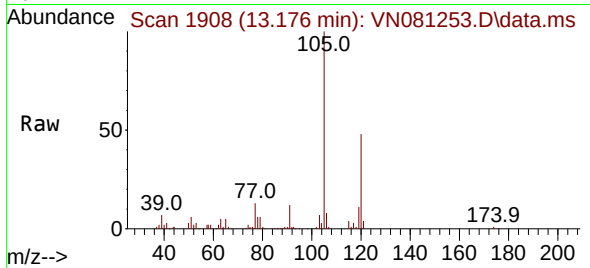




#80
1,3,5-Trimethylbenzene
Concen: 7.588 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

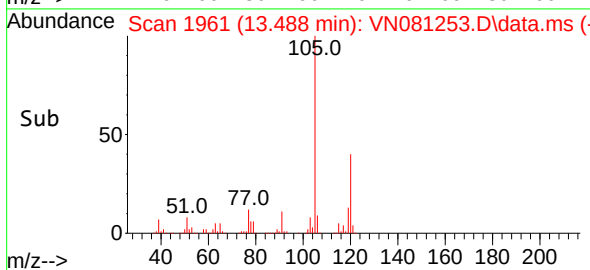
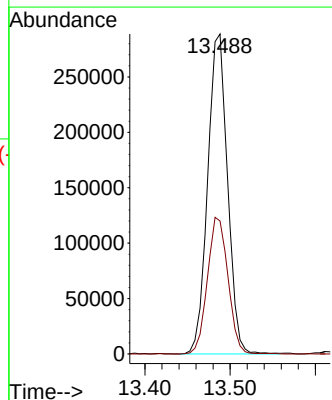
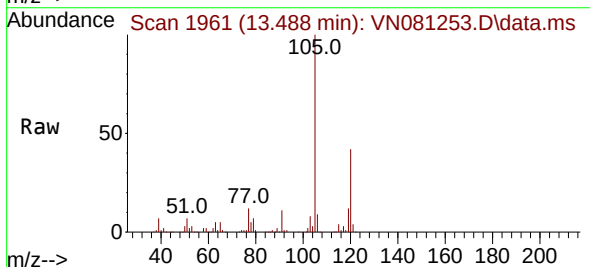
Instrument :
MSVOA_N
ClientSampleId :
1326

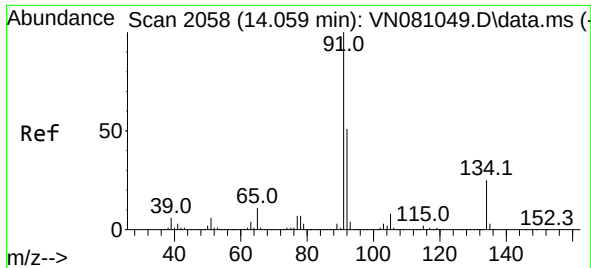
Tgt Ion:105 Resp: 121580
Ion Ratio Lower Upper
105 100
120 47.1 23.0 69.0



#84
1,2,4-Trimethylbenzene
Concen: 29.263 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

Tgt Ion:105 Resp: 467190
Ion Ratio Lower Upper
105 100
120 44.3 20.9 62.7

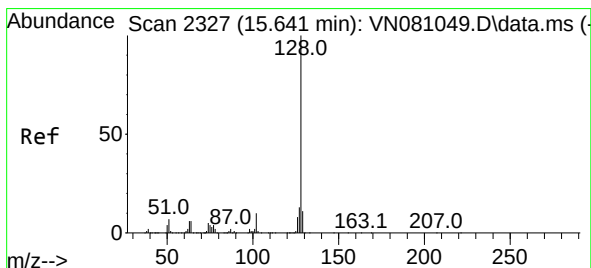
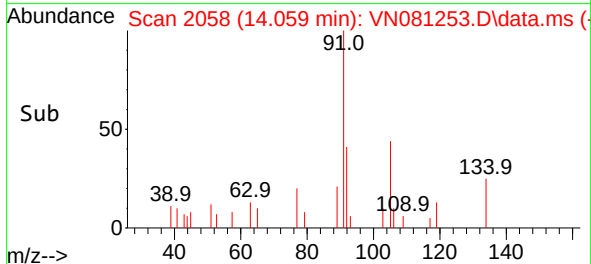
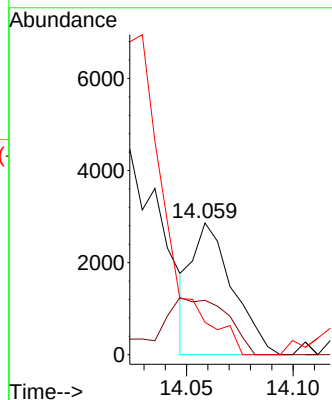
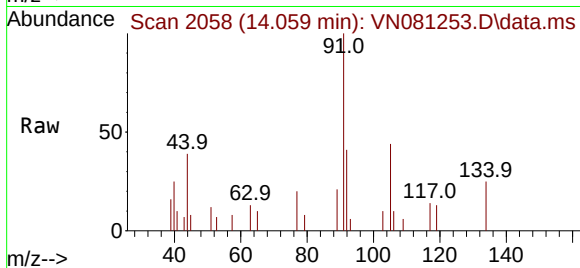




#89
n-Butylbenzene
Concen: 0.272 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

Instrument :
MSVOA_N
ClientSampleId :
1326

Tgt Ion: 91 Resp: 3797
Ion Ratio Lower Upper
91 100
92 62.1 26.7 80.1
134 0.0 10.8 32.4#



#95
Naphthalene
Concen: 6.196 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN081253.D
Acq: 28 Feb 2024 19:17

Tgt Ion:128 Resp: 101710
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.3 8.7 13.1

