

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082778.D
 Acq On : 01 Jul 2024 20:19
 Operator : JC\MD
 Sample : P3110-01DL 20X
 Misc : 1.50g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 163DL

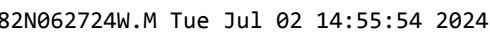
Quant Time: Jul 02 00:14:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

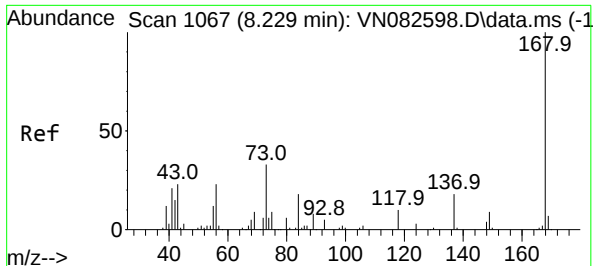
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	114763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	212949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	84449	47.716	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.440%
35) Dibromofluoromethane	8.165	113	70301	50.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.280%
50) Toluene-d8	10.565	98	270140	51.521	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.847	95	106602	59.202	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	118.400%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	6645	3.176	ug/l #	85
52) Toluene	10.630	92	194560	50.119	ug/l	98
67) Ethyl Benzene	11.965	91	143843	17.882	ug/l	100
68) m/p-Xylenes	12.071	106	212673	71.055	ug/l	97
69) o-Xylene	12.400	106	88766	30.774	ug/l	97
73) Isopropylbenzene	12.694	105	8786	1.184	ug/l	96
78) n-propylbenzene	13.035	91	20445	2.333	ug/l	84
80) 1,3,5-Trimethylbenzene	13.176	105	25064	4.112	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	114774	19.051	ug/l	97
89) n-Butylbenzene	14.059	91	6704	1.315	ug/l #	77
95) Naphthalene	15.641	128	47734	8.779	ug/l	96

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

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Response via : Initial Calibration

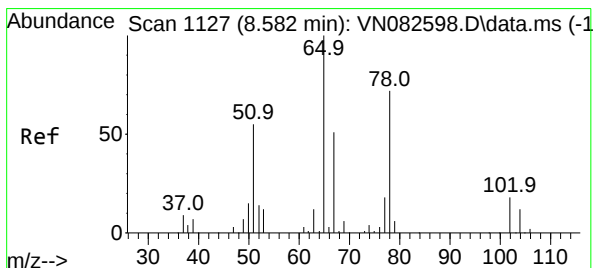
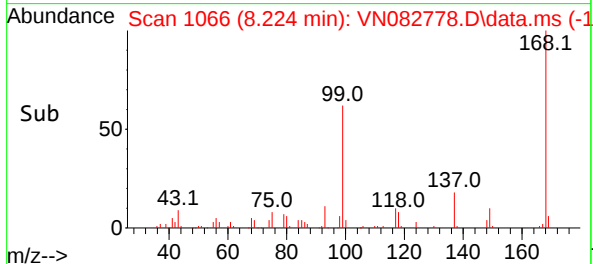
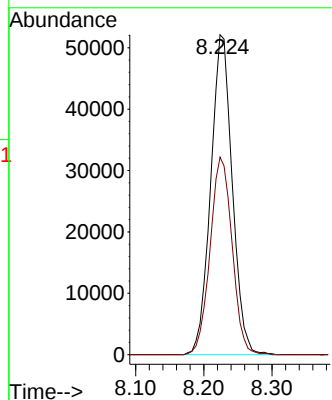
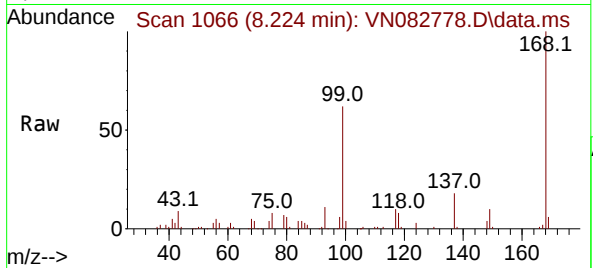




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

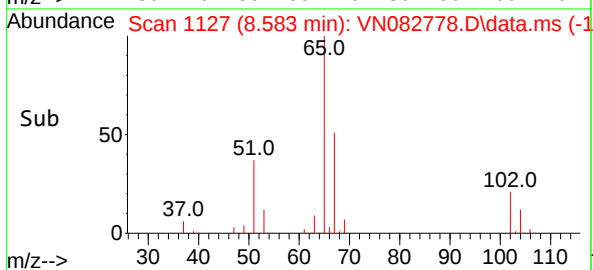
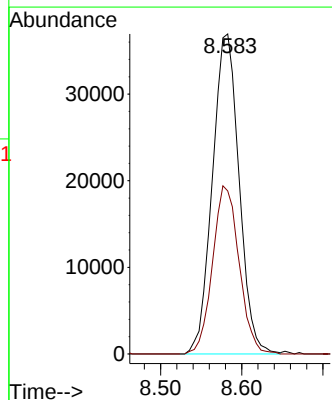
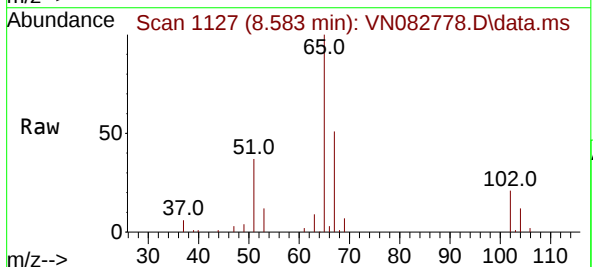
Instrument :
MSVOA_N
ClientSampleId :
163DL

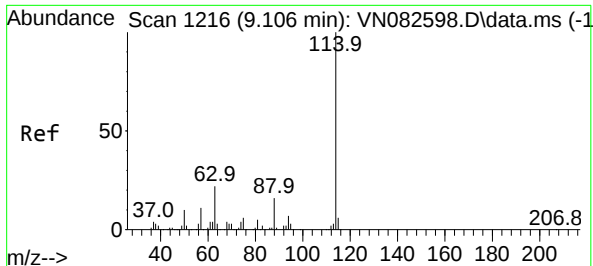
Tgt Ion:168 Resp: 114763
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 47.716 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

Tgt Ion: 65 Resp: 84449
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4

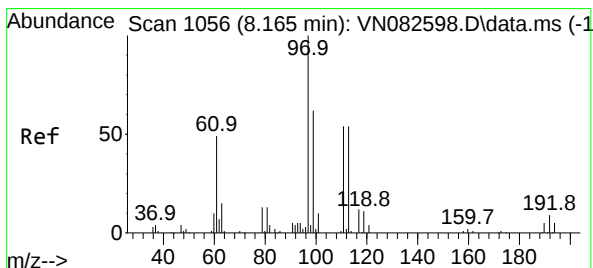
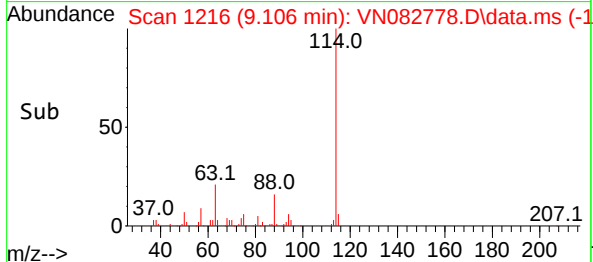
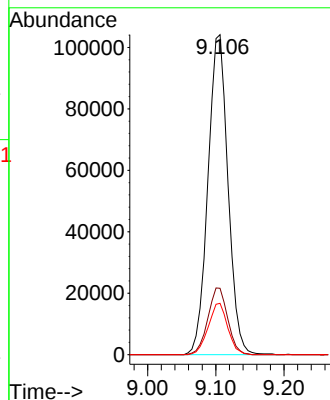
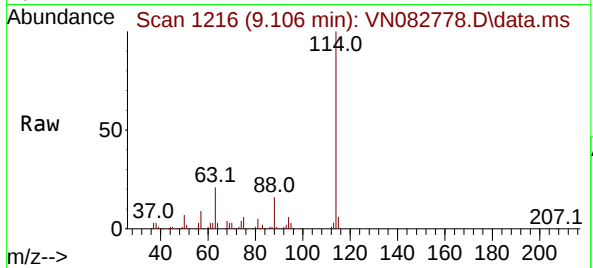




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

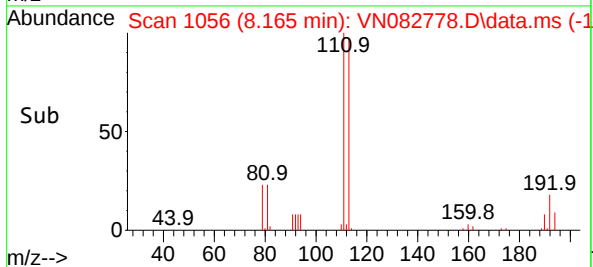
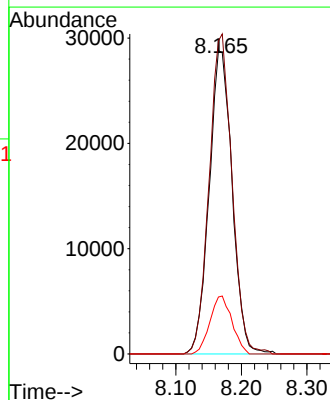
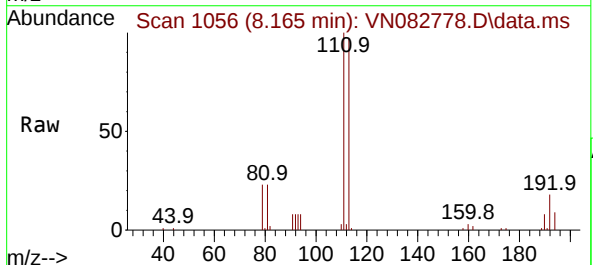
Instrument :
MSVOA_N
ClientSampleId :
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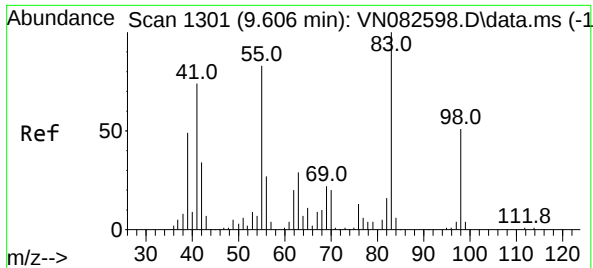
Tgt Ion:114 Resp: 212949
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.142 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

Tgt Ion:113 Resp: 70301
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 18.3 14.9 22.3

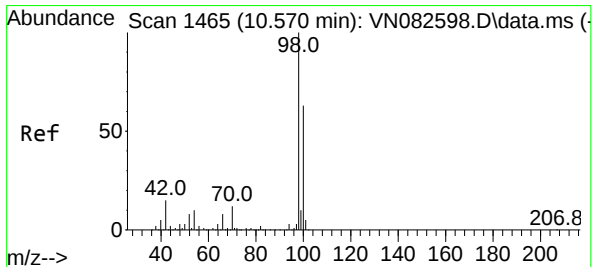
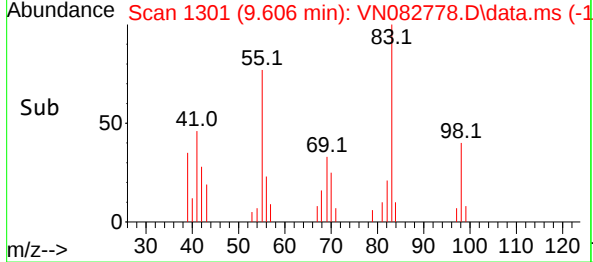
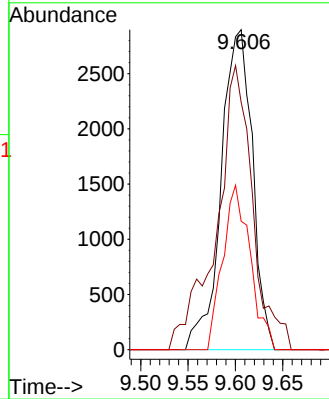
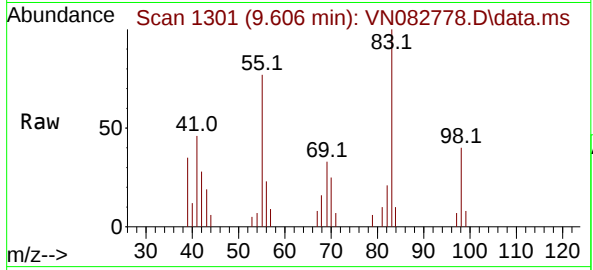




#39
Methylcyclohexane
Concen: 3.176 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

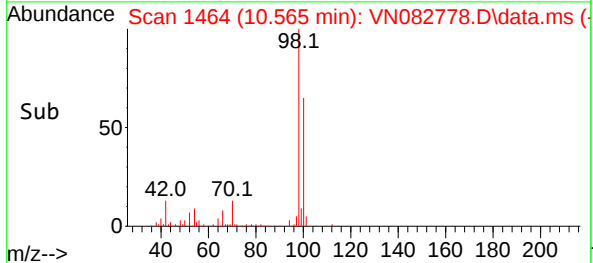
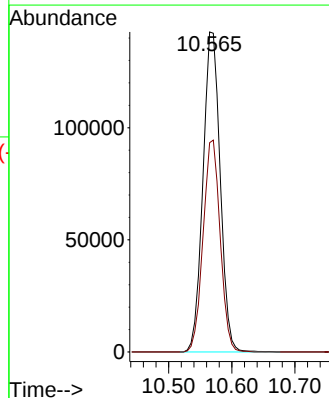
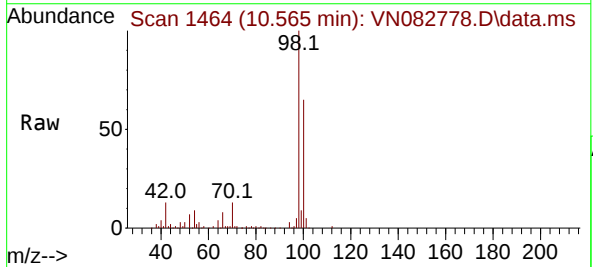
Instrument :
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ClientSampleId :
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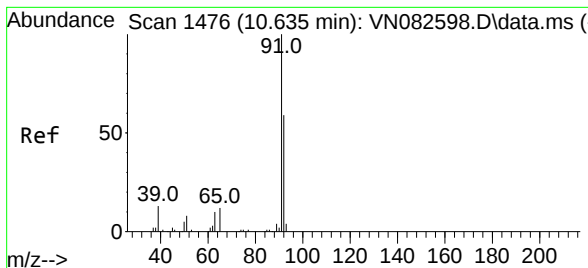
Tgt Ion: 83 Resp: 6645
Ion Ratio Lower Upper
83 100
55 69.4 66.4 99.6
98 40.2 40.7 61.1#



#50
Toluene-d8
Concen: 51.521 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

Tgt Ion: 98 Resp: 270140
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3





#52

Toluene

Concen: 50.119 ug/l

RT: 10.630 min Scan# 1476

Delta R.T. -0.005 min

Lab File: VN082778.D

Acq: 01 Jul 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

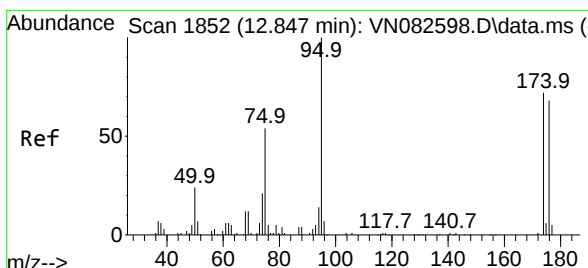
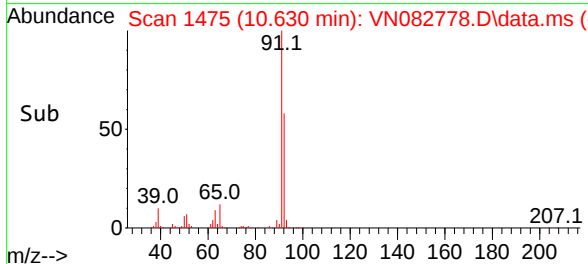
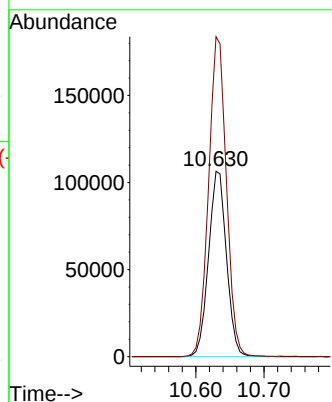
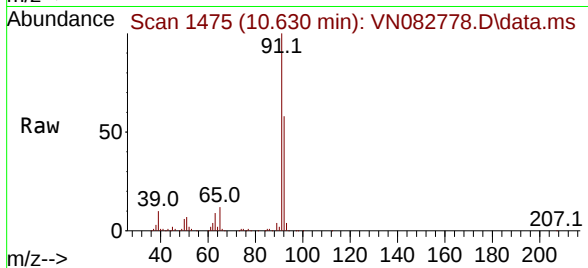
163DL

Tgt Ion: 92 Resp: 194560

Ion Ratio Lower Upper

92 100

91 171.8 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 59.202 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082778.D

Acq: 01 Jul 2024 20:19

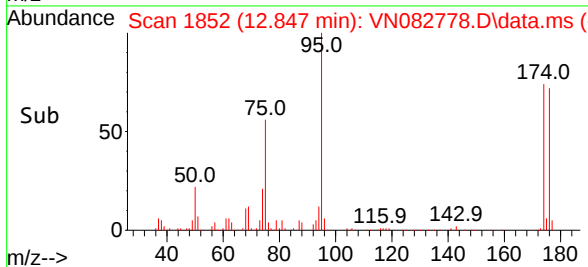
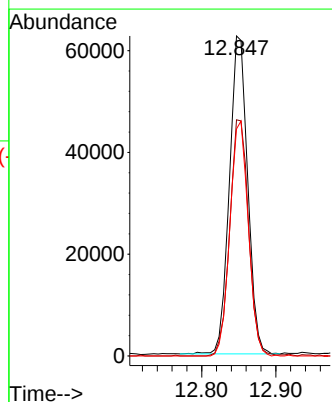
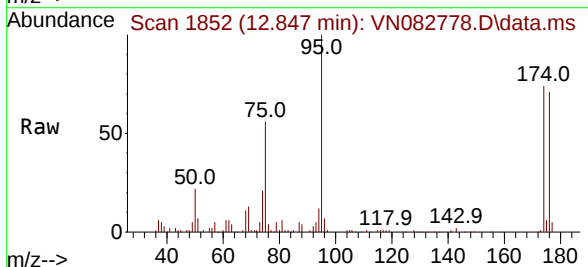
Tgt Ion: 95 Resp: 106602

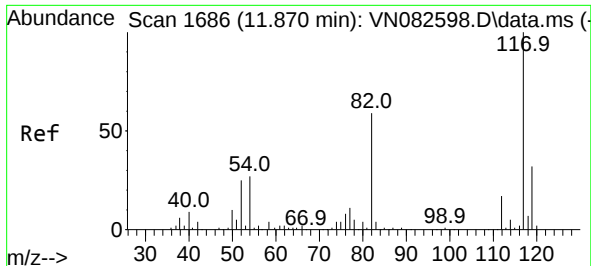
Ion Ratio Lower Upper

95 100

174 76.8 0.0 159.2

176 74.5 0.0 147.6

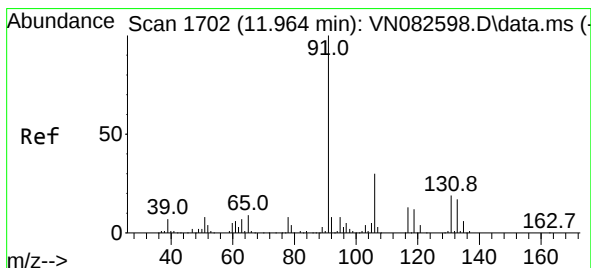
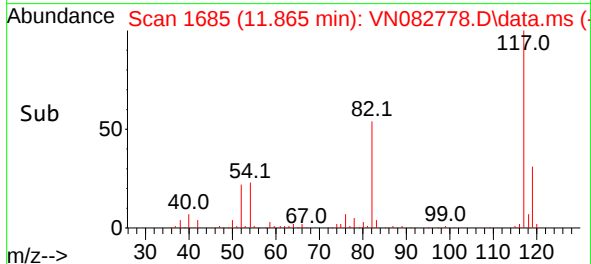
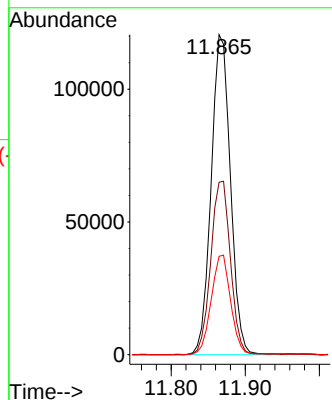
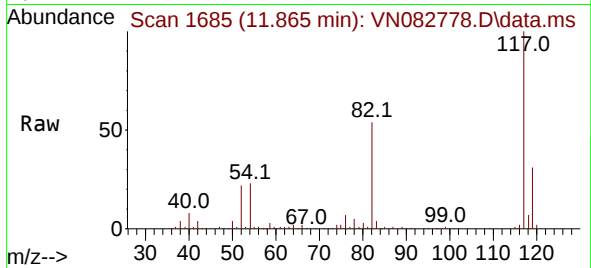




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.005 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

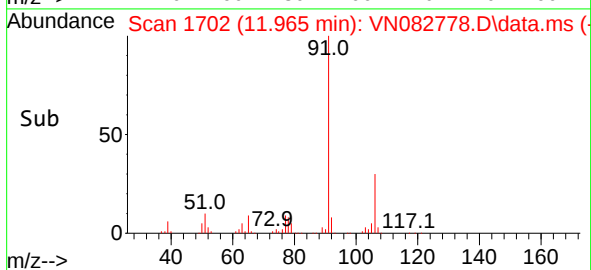
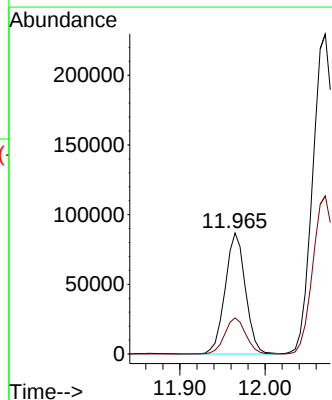
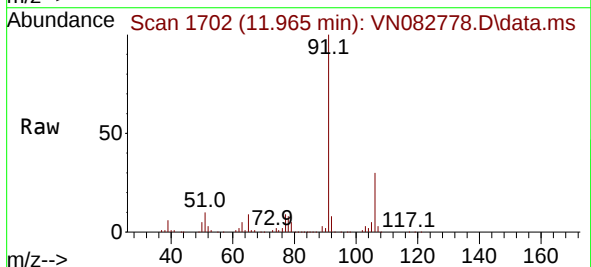
Instrument :
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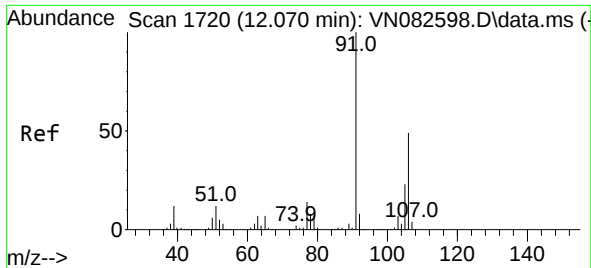
Tgt Ion:117 Resp: 217287
Ion Ratio Lower Upper
117 100
82 53.9 47.5 71.3
119 30.6 25.6 38.4



#67
Ethyl Benzene
Concen: 17.882 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

Tgt Ion: 91 Resp: 143843
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0

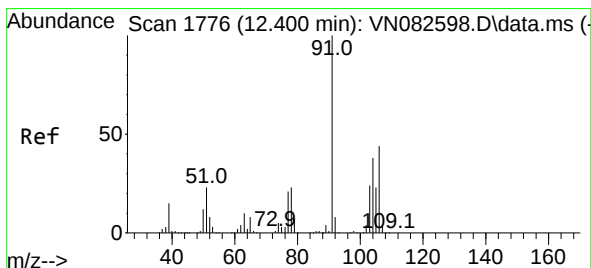
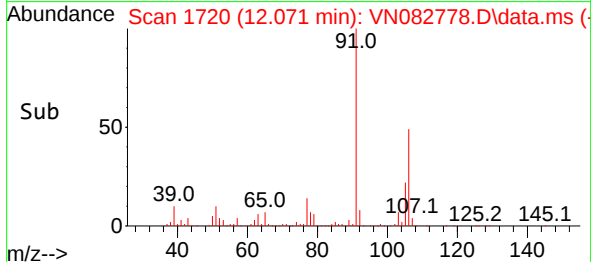
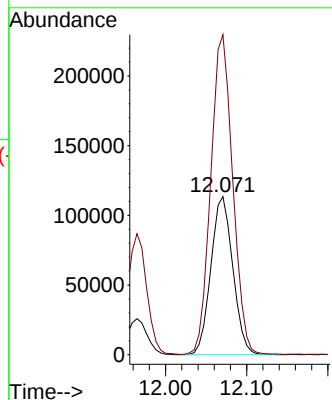
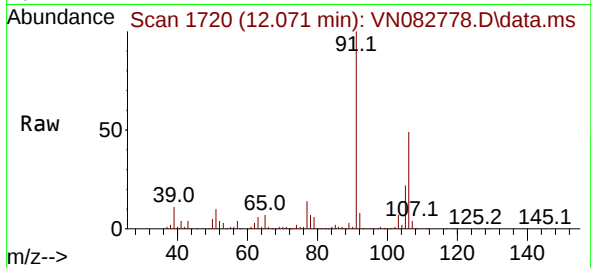




#68
m/p-Xylenes
Concen: 71.055 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

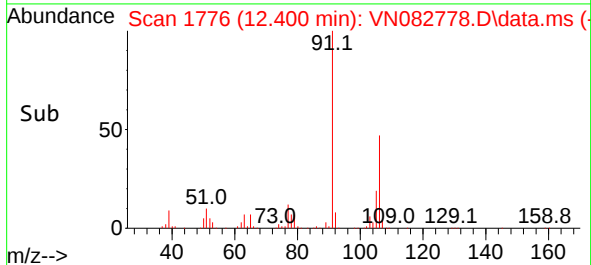
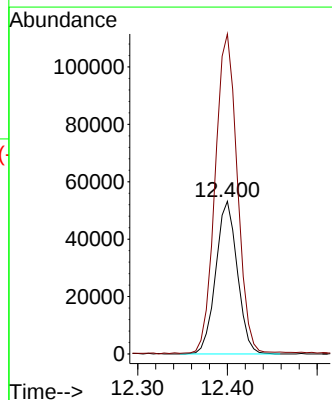
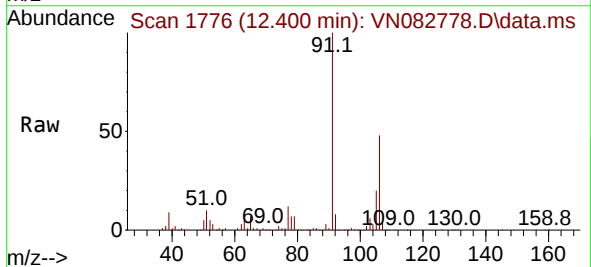
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ClientSampleId :
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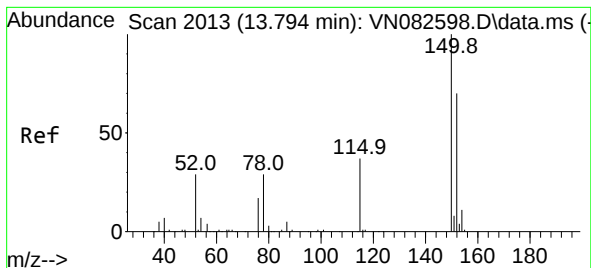
Tgt Ion:106 Resp: 212673
Ion Ratio Lower Upper
106 100
91 202.3 166.1 249.1



#69
o-Xylene
Concen: 30.774 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

Tgt Ion:106 Resp: 88766
Ion Ratio Lower Upper
106 100
91 216.9 111.3 333.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082778.D

Acq: 01 Jul 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

163DL

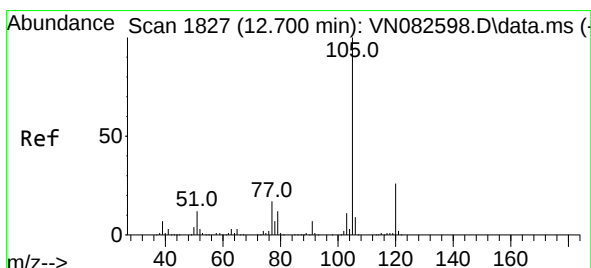
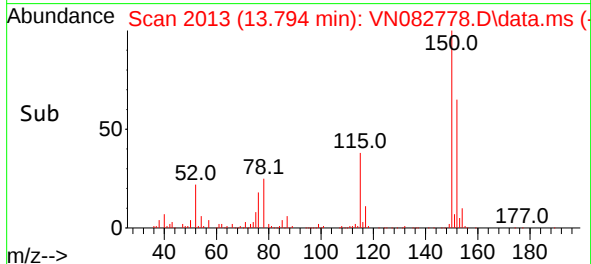
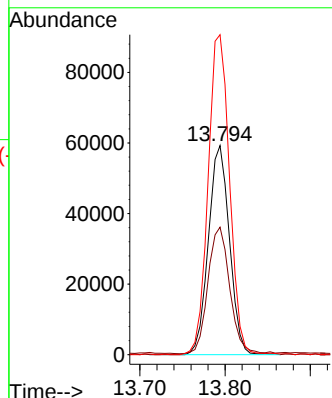
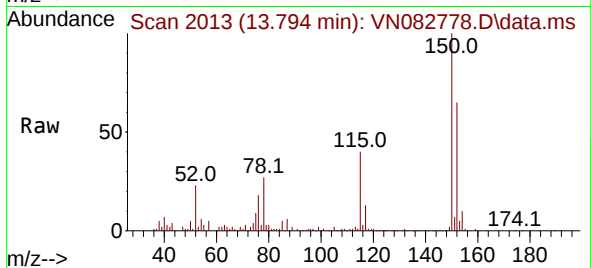
Tgt Ion:152 Resp: 101742

Ion Ratio Lower Upper

152 100

115 62.4 30.6 91.6

150 155.6 0.0 348.6



#73

Isopropylbenzene

Concen: 1.184 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN082778.D

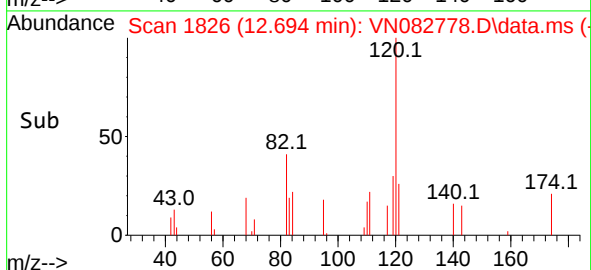
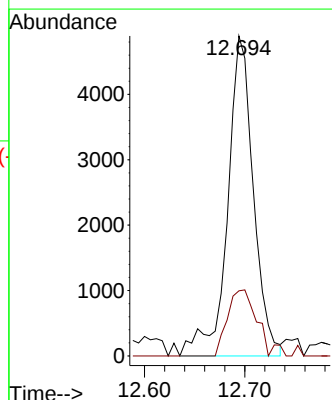
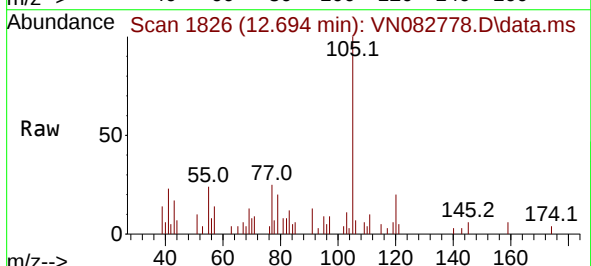
Acq: 01 Jul 2024 20:19

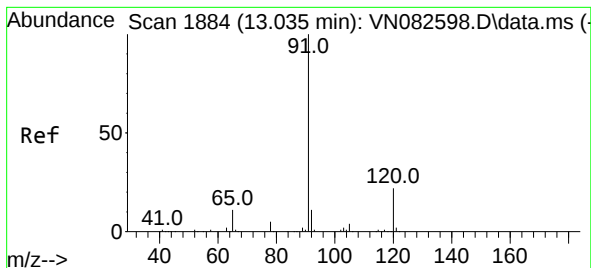
Tgt Ion:105 Resp: 8786

Ion Ratio Lower Upper

105 100

120 23.8 12.9 38.6





#78

n-propylbenzene

Concen: 2.333 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082778.D

Acq: 01 Jul 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

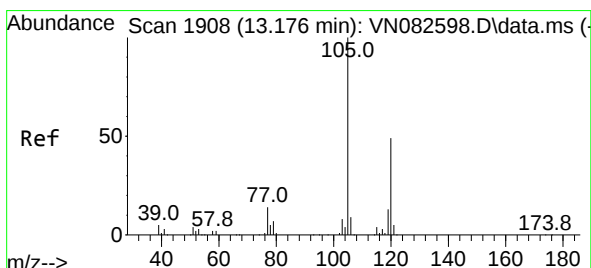
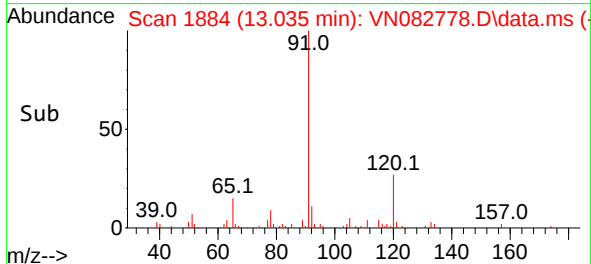
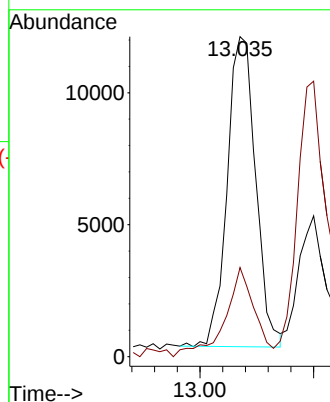
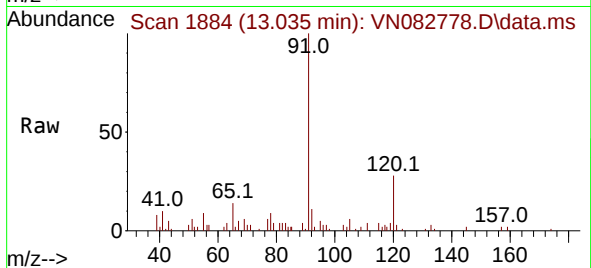
163DL

Tgt Ion: 91 Resp: 20445

Ion Ratio Lower Upper

91 100

120 29.7 10.9 32.9



#80

1,3,5-Trimethylbenzene

Concen: 4.112 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082778.D

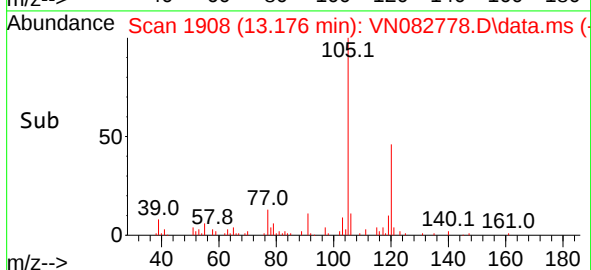
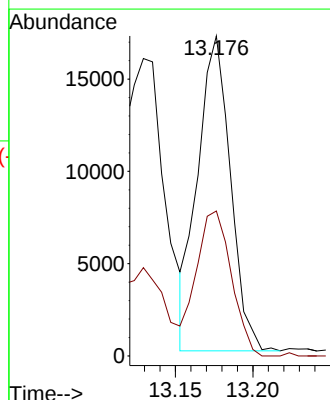
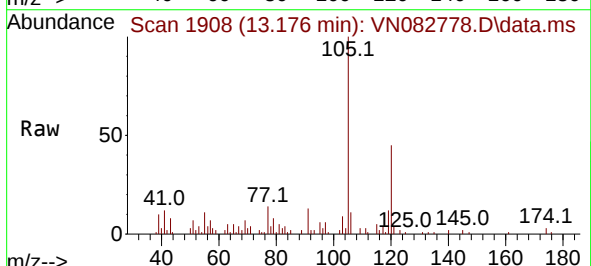
Acq: 01 Jul 2024 20:19

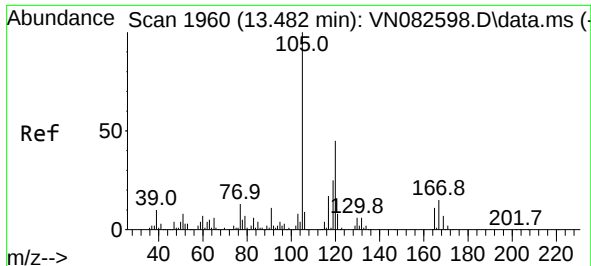
Tgt Ion: 105 Resp: 25064

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

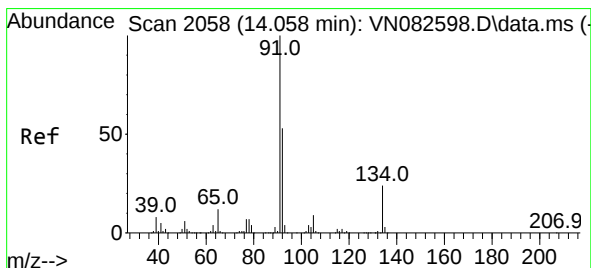
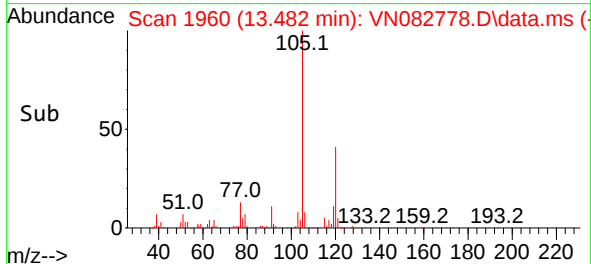
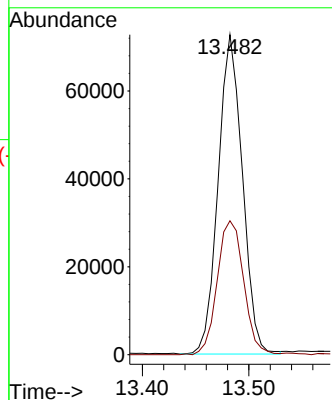
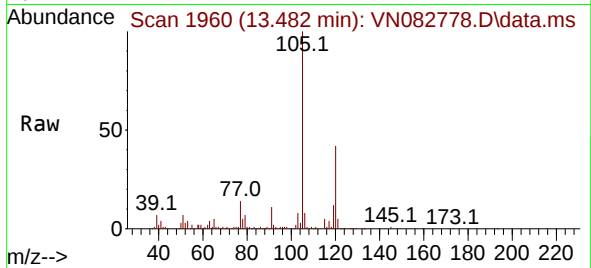




#84
1,2,4-Trimethylbenzene
Concen: 19.051 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

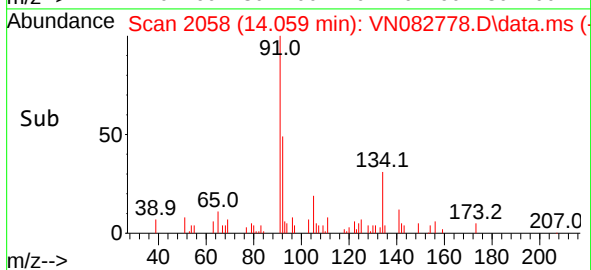
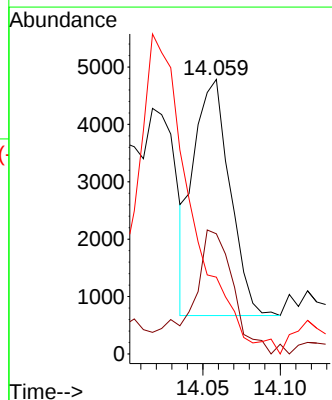
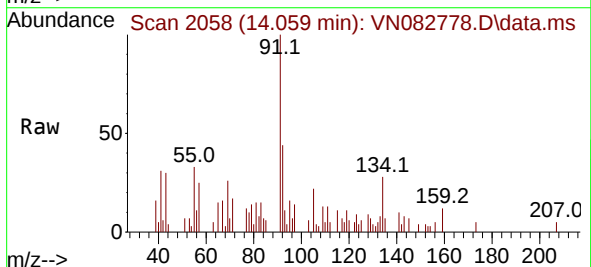
Instrument :
MSVOA_N
ClientSampleId :
163DL

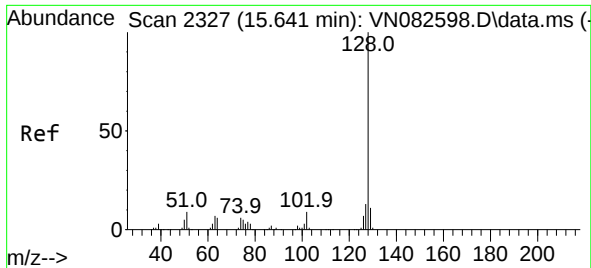
Tgt Ion:105 Resp: 114774
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.8



#89
n-Butylbenzene
Concen: 1.315 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

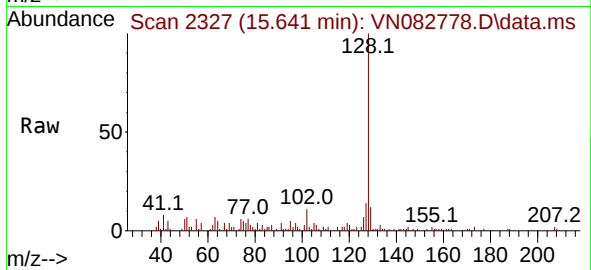
Tgt Ion: 91 Resp: 6704
Ion Ratio Lower Upper
91 100
92 59.7 26.1 78.3
134 0.0 12.1 36.3#





#95
Naphthalene
Concen: 8.779 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082778.D
Acq: 01 Jul 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :
163DL



Tgt Ion:	128	Resp:	47734
Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.6	16.0
129	11.8	8.6	12.8

