

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081360.D
 Acq On : 11 Mar 2024 13:52
 Operator : JC\MD
 Sample : P1724-02
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 10252

Quant Time: Mar 12 04:52:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

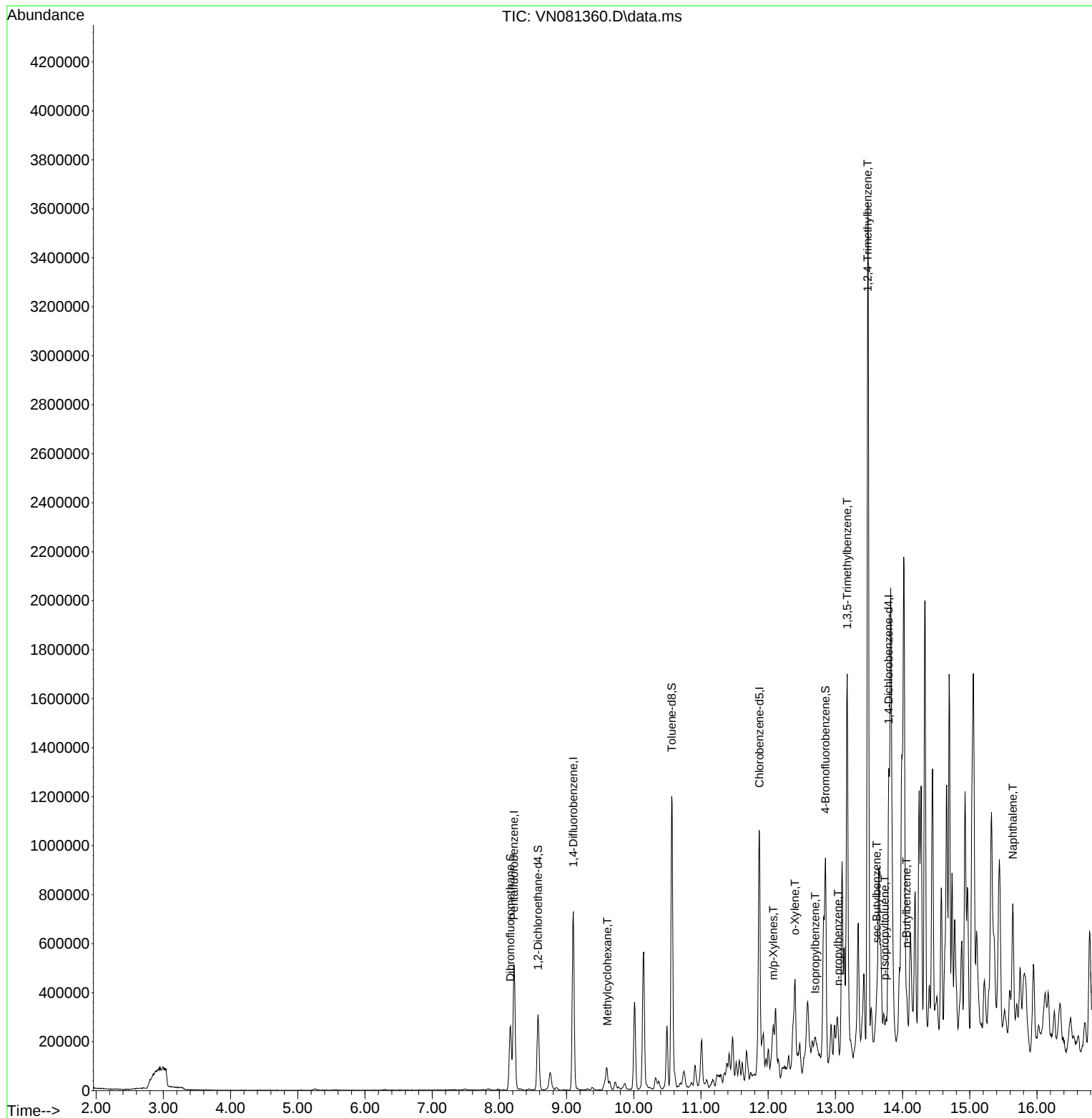
Internal Standards						
1) Pentafluorobenzene	8.218	168	347277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	615599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	515192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	247778	49.346	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.700%
35) Dibromofluoromethane	8.165	113	179209	47.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	10.565	98	742033	52.630	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.260%
62) 4-Bromofluorobenzene	12.853	95	290499	58.296	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	116.600%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.606	83	35943	5.133	ug/l	88
68) m/p-Xylenes	12.076	106	62658	8.514	ug/l	92
69) o-Xylene	12.400	106	84383	11.830	ug/l	99
73) Isopropylbenzene	12.700	105	24281	1.167	ug/l	96
78) n-propylbenzene	13.041	91	87562	3.557	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	736092	42.789	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	1963642	112.662	ug/l	96
85) sec-Butylbenzene	13.618	105	80160	3.757	ug/l #	59
86) p-Isopropyltoluene	13.735	119	32586	1.904	ug/l	95
89) n-Butylbenzene	14.059	91	53516	3.410	ug/l #	79
95) Naphthalene	15.641	128	456664	26.859	ug/l	98

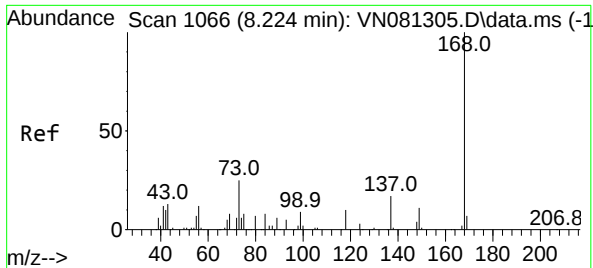
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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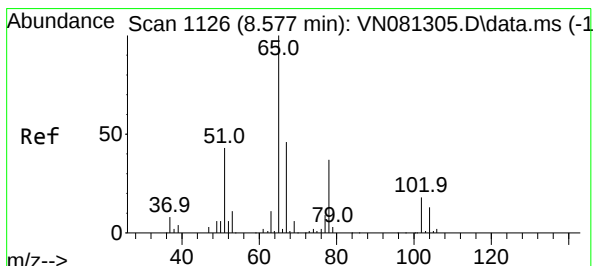
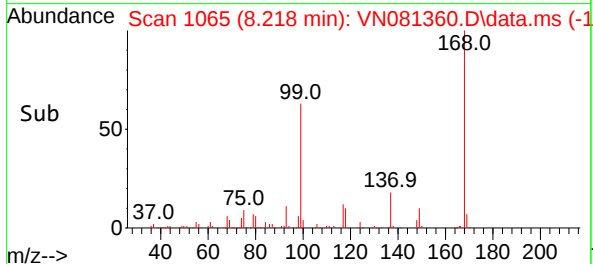
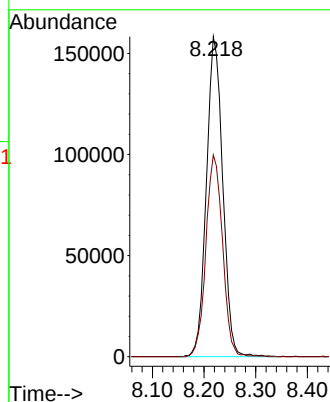
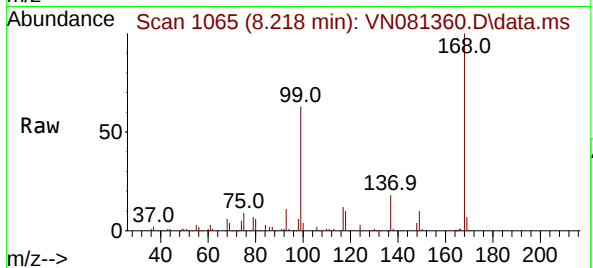




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

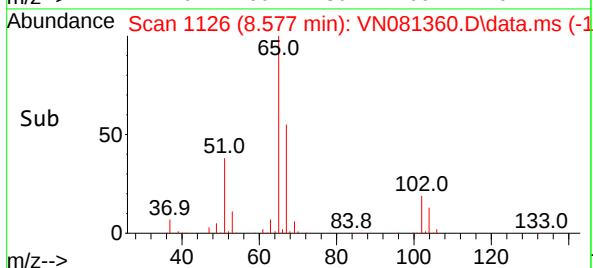
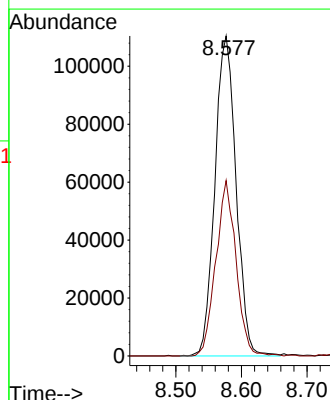
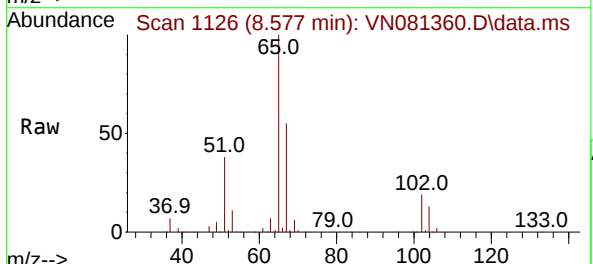
Instrument :
MSVOA_N
ClientSampleId :
10252

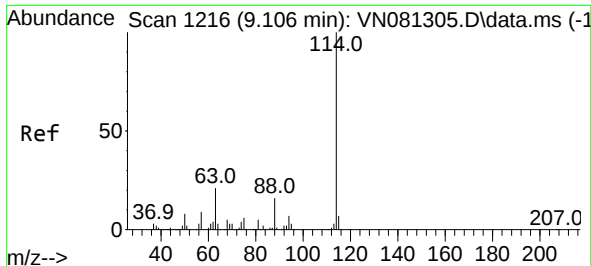
Tgt Ion:168 Resp: 347277
Ion Ratio Lower Upper
168 100
99 63.1 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.346 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

Tgt Ion: 65 Resp: 247778
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081360.D

Acq: 11 Mar 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

10252

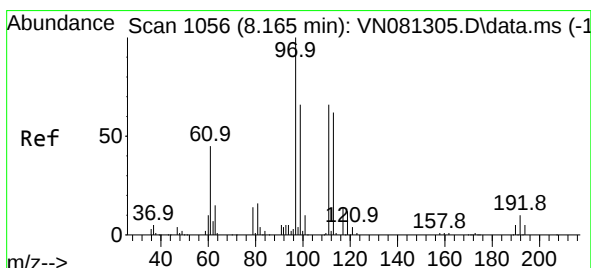
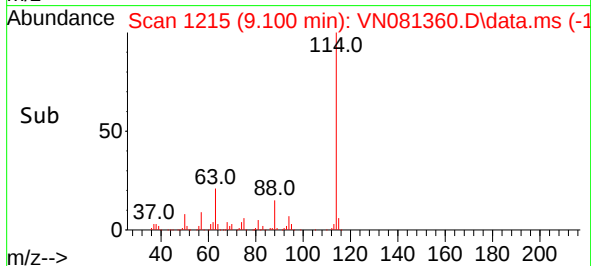
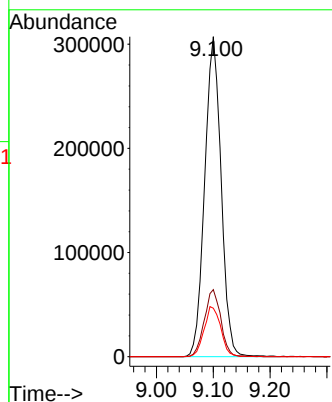
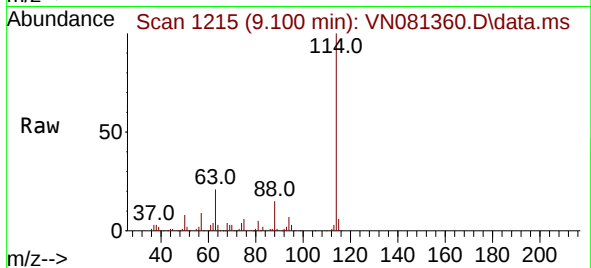
Tgt Ion:114 Resp: 615599

Ion Ratio Lower Upper

114 100

63 21.0 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.516 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081360.D

Acq: 11 Mar 2024 13:52

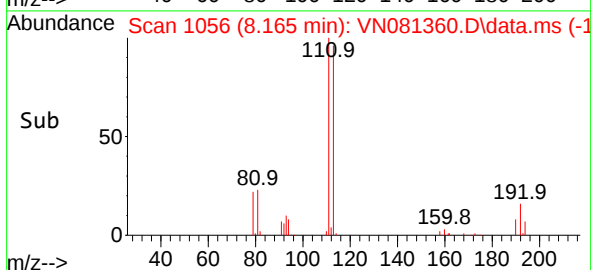
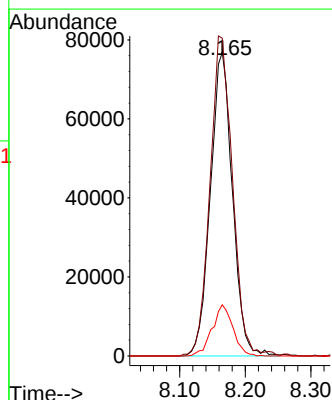
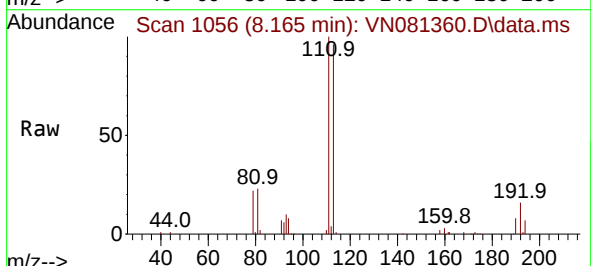
Tgt Ion:113 Resp: 179209

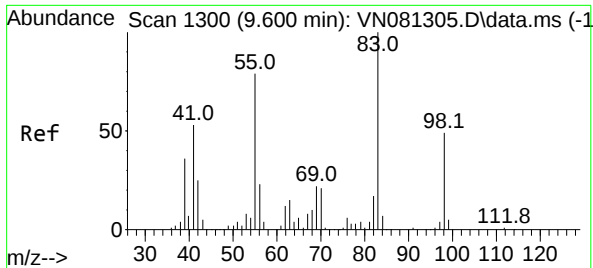
Ion Ratio Lower Upper

113 100

111 107.5 82.2 123.4

192 15.9 12.5 18.7

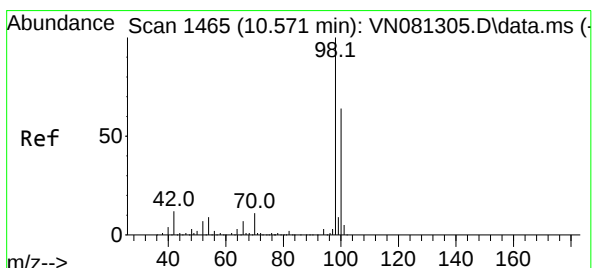
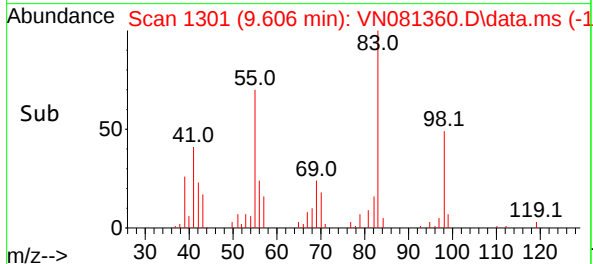
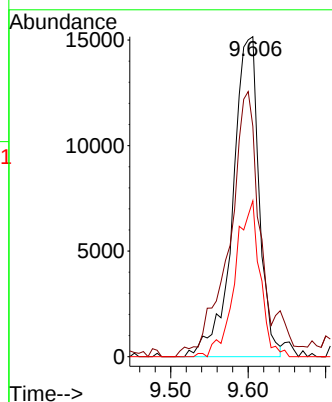
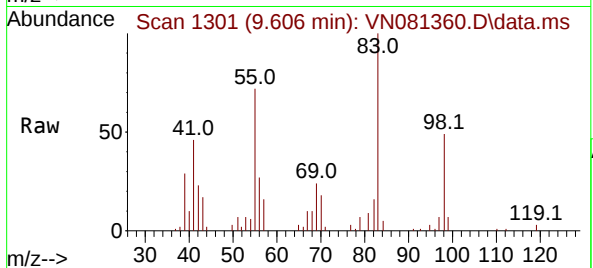




#39
Methylcyclohexane
Concen: 5.133 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

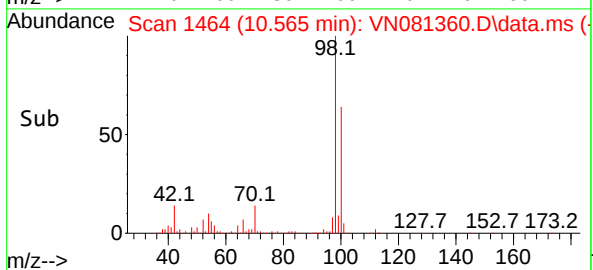
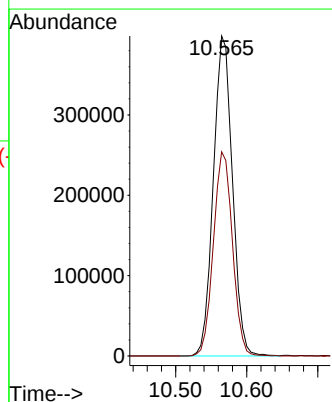
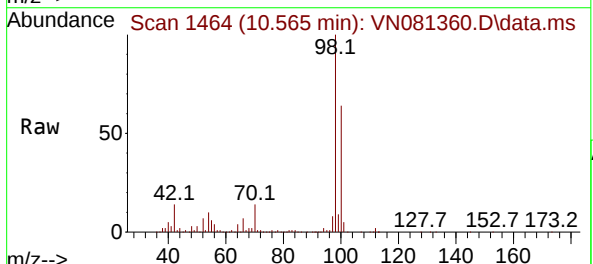
Instrument :
MSVOA_N
ClientSampleId :
10252

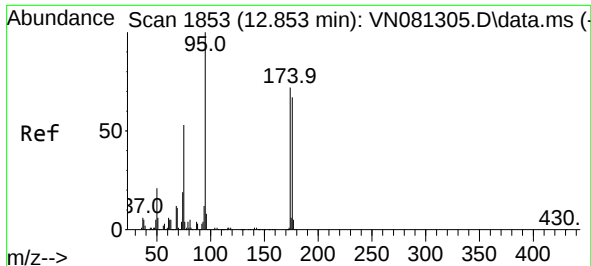
Tgt Ion: 83	Resp: 35943
Ion Ratio	Lower Upper
83 100	
55 70.3	65.7 98.5
98 48.7	33.8 50.6



#50
Toluene-d8
Concen: 52.630 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

Tgt Ion: 98	Resp: 742033
Ion Ratio	Lower Upper
98 100	
100 63.6	51.4 77.0

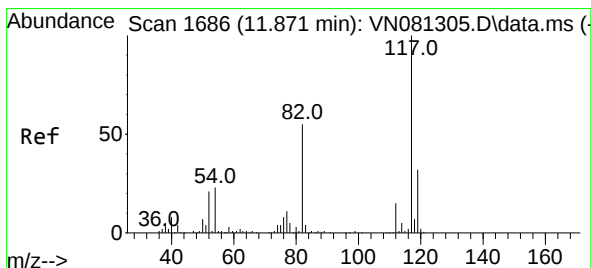
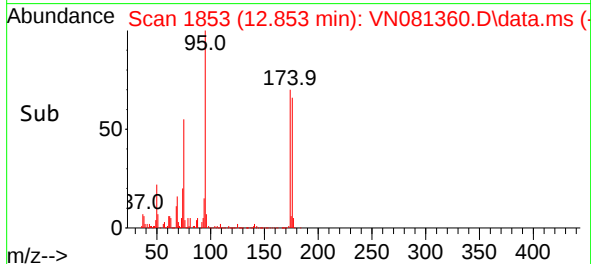
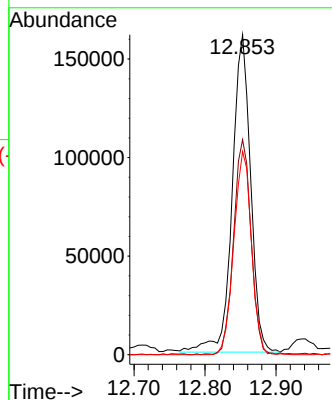
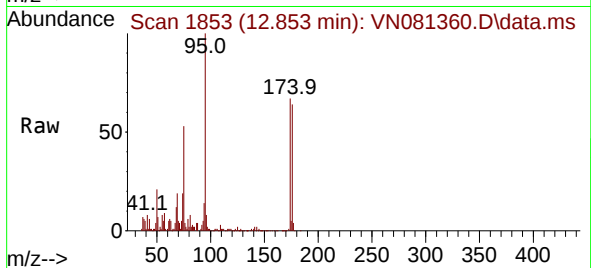




#62
4-Bromofluorobenzene
Concen: 58.296 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

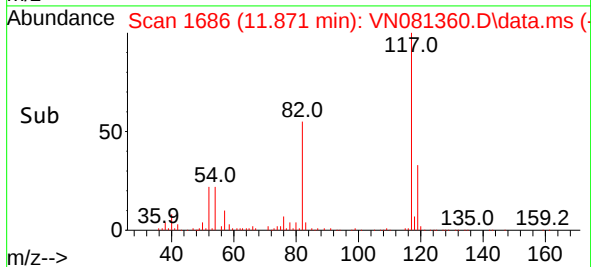
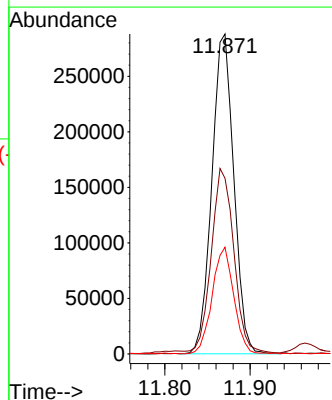
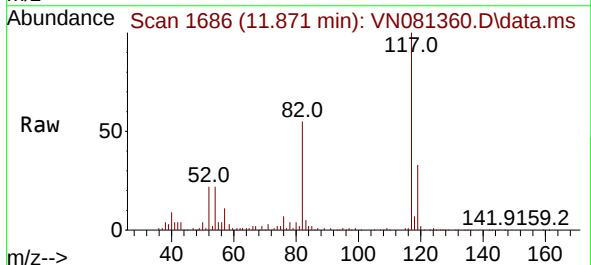
Instrument :
MSVOA_N
ClientSampleId :
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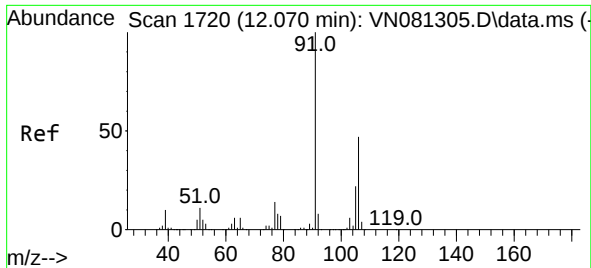
Tgt Ion: 95 Resp: 290499
Ion Ratio Lower Upper
95 100
174 64.2 0.0 120.4
176 61.2 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

Tgt Ion: 117 Resp: 515192
Ion Ratio Lower Upper
117 100
82 54.6 52.7 79.1
119 33.3 25.3 37.9

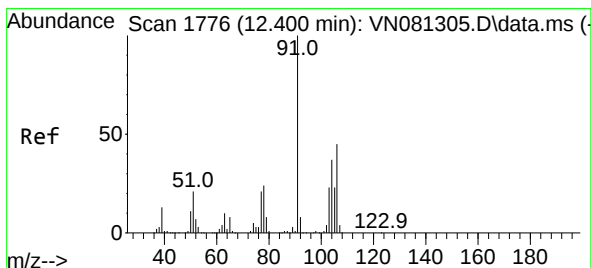
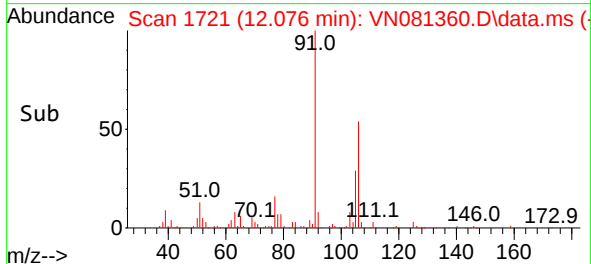
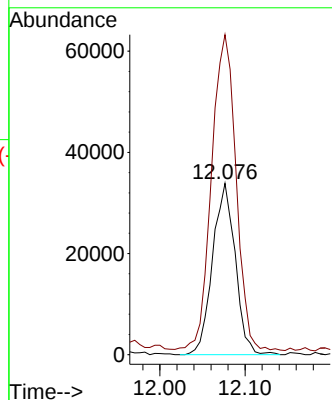
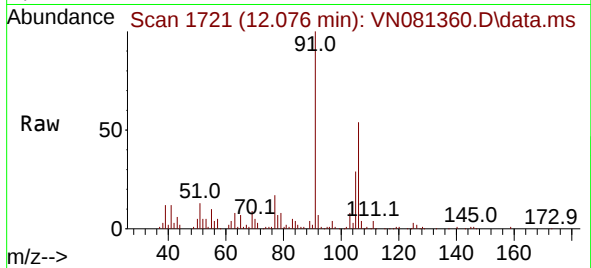




#68
m/p-Xylenes
Concen: 8.514 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

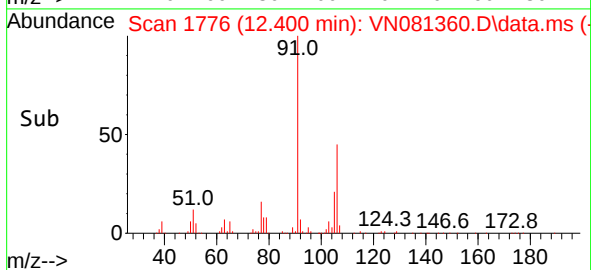
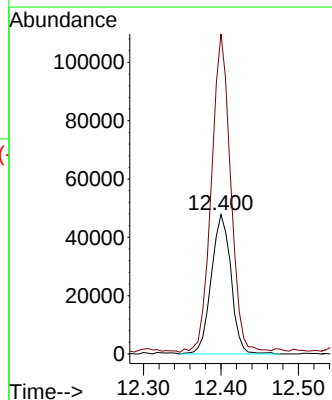
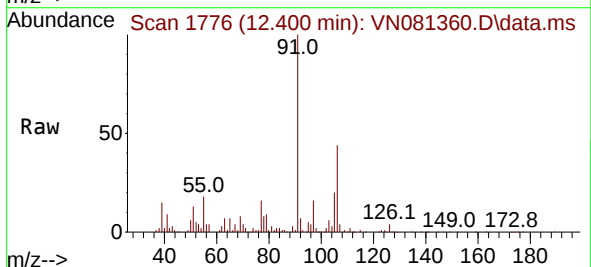
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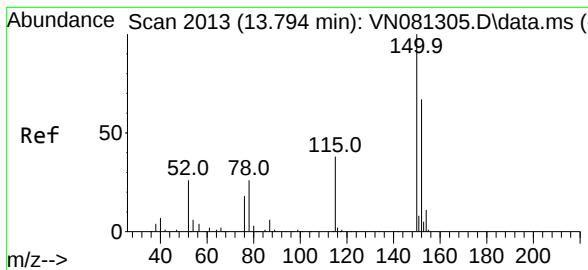
Tgt Ion:106 Resp: 62658
Ion Ratio Lower Upper
106 100
91 198.8 169.0 253.6



#69
o-Xylene
Concen: 11.830 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

Tgt Ion:106 Resp: 84383
Ion Ratio Lower Upper
106 100
91 222.9 112.1 336.3

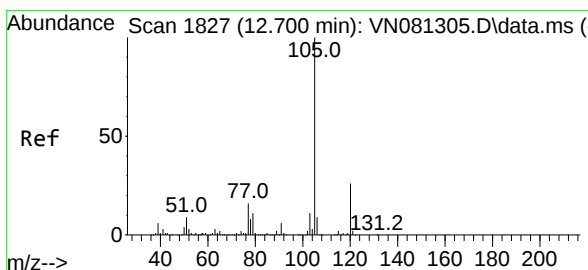
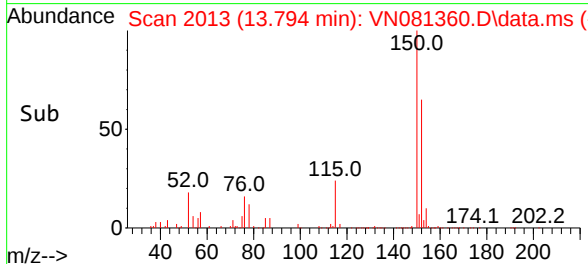
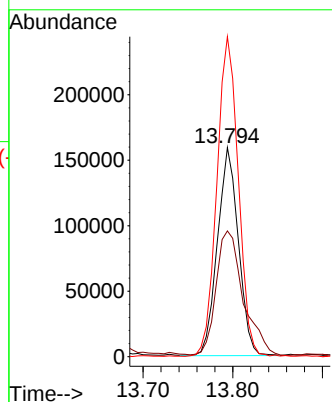
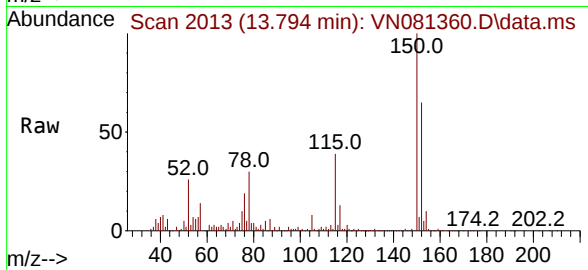




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081360.D
 Acq: 11 Mar 2024 13:52

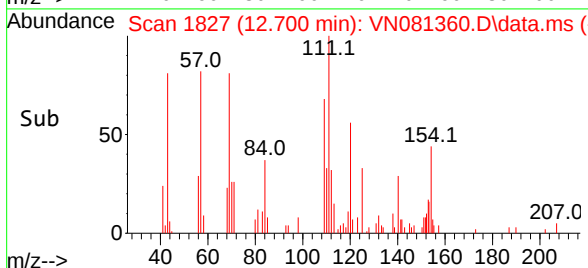
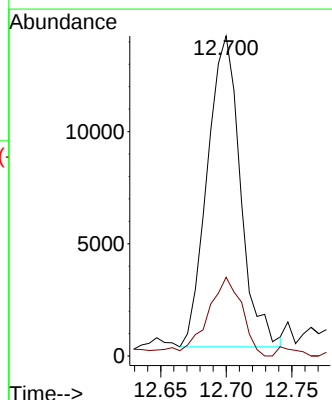
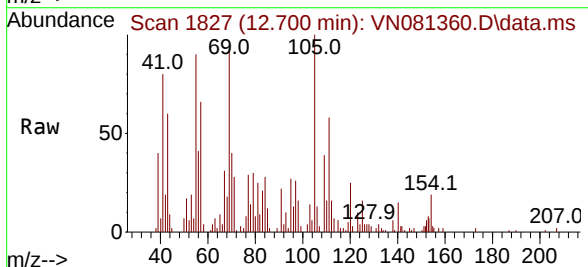
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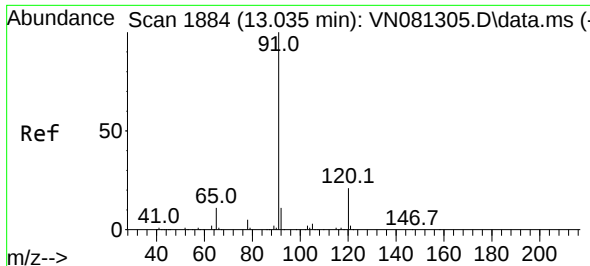
Tgt Ion:152 Resp: 257722
 Ion Ratio Lower Upper
 152 100
 115 77.5 32.3 96.8
 150 157.3 0.0 339.8



#73
 Isopropylbenzene
 Concen: 1.167 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: VN081360.D
 Acq: 11 Mar 2024 13:52

Tgt Ion:105 Resp: 24281
 Ion Ratio Lower Upper
 105 100
 120 27.1 12.6 37.6

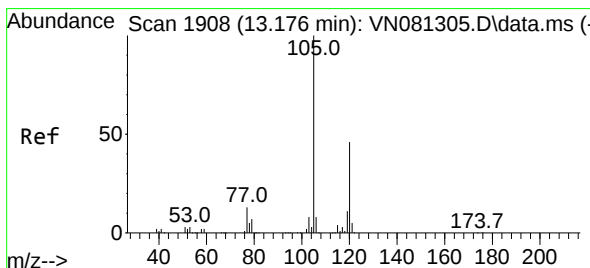
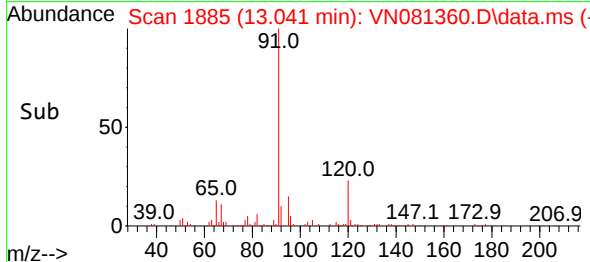
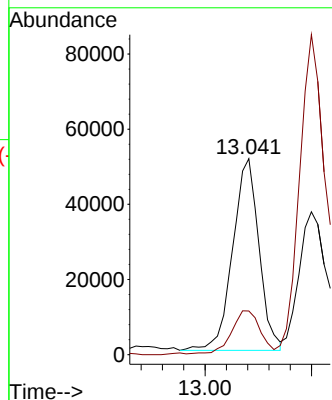
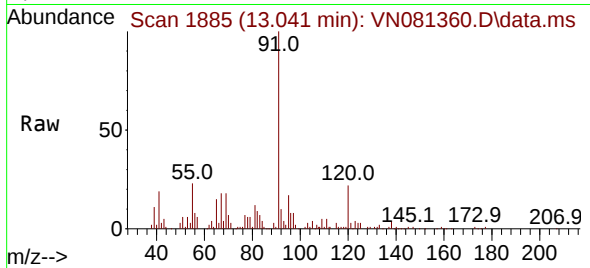




#78
n-propylbenzene
Concen: 3.557 ug/l
RT: 13.041 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

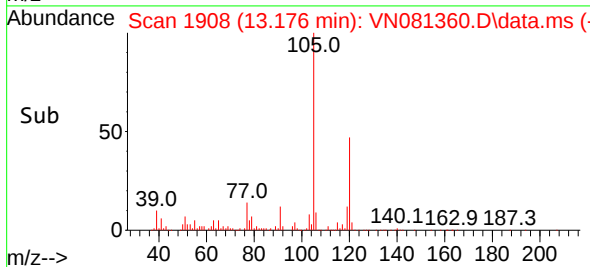
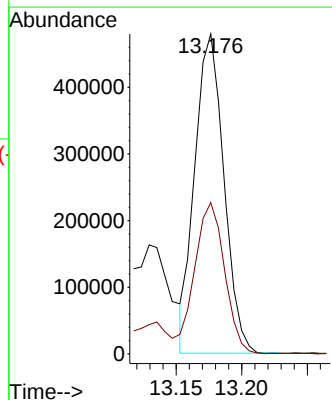
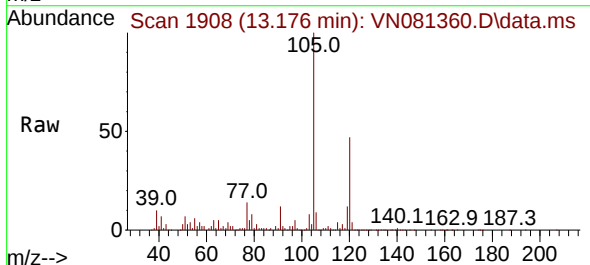
Instrument :
MSVOA_N
ClientSampleId :
10252

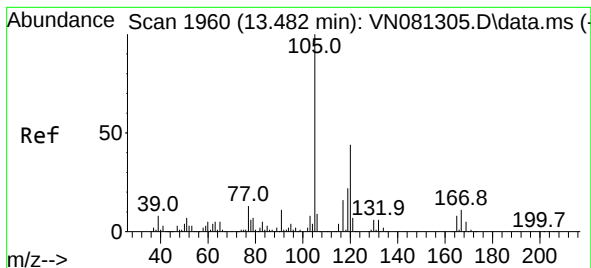
Tgt Ion: 91 Resp: 87562
Ion Ratio Lower Upper
91 100
120 24.2 10.3 30.9



#80
1,3,5-Trimethylbenzene
Concen: 42.789 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

Tgt Ion: 105 Resp: 736092
Ion Ratio Lower Upper
105 100
120 49.0 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 112.662 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081360.D

Acq: 11 Mar 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

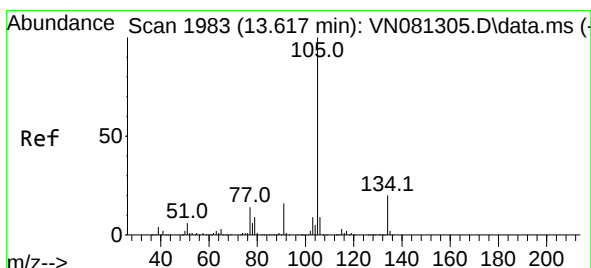
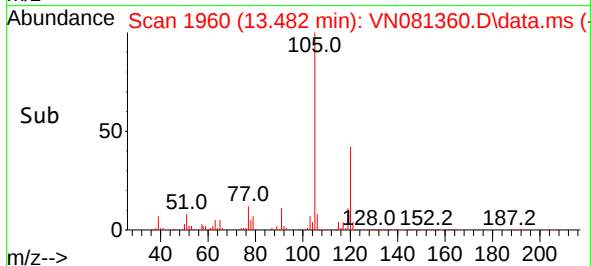
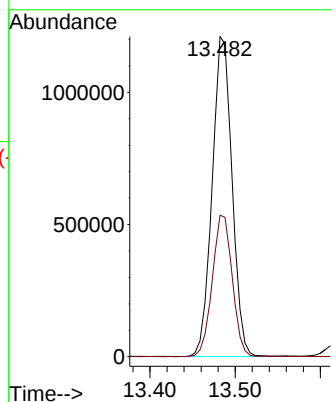
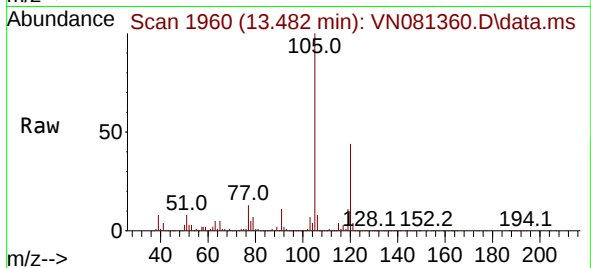
10252

Tgt Ion:105 Resp: 1963642

Ion Ratio Lower Upper

105 100

120 44.4 20.9 62.7



#85

sec-Butylbenzene

Concen: 3.757 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081360.D

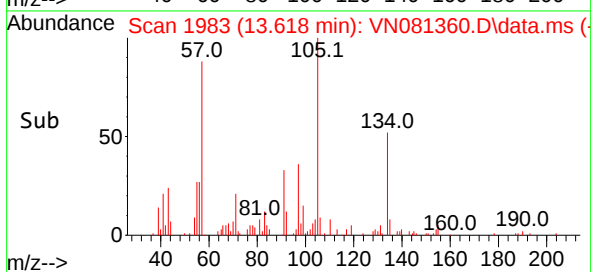
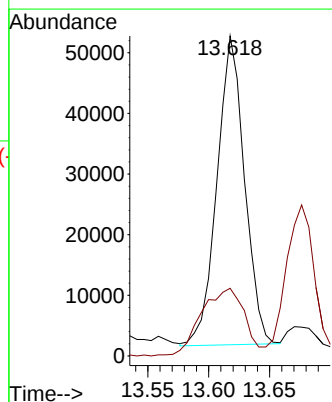
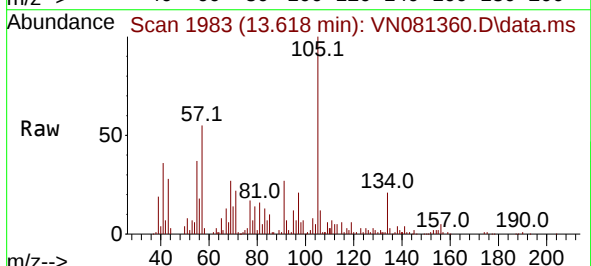
Acq: 11 Mar 2024 13:52

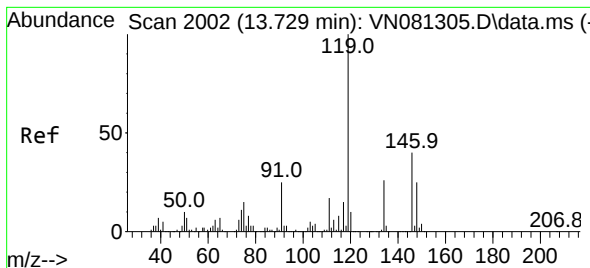
Tgt Ion:105 Resp: 80160

Ion Ratio Lower Upper

105 100

134 34.9 8.6 25.8#





#86

p-Isopropyltoluene

Concen: 1.904 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN081360.D

Acq: 11 Mar 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

10252

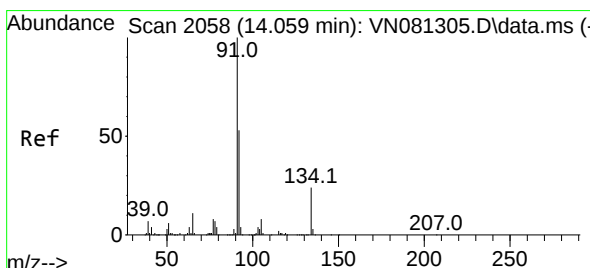
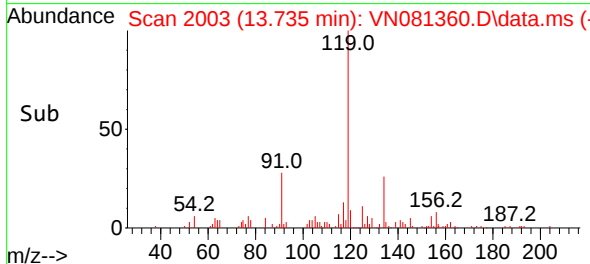
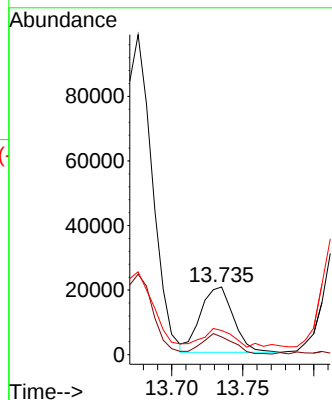
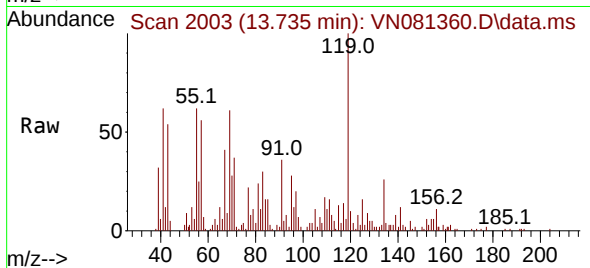
Tgt Ion:119 Resp: 32586

Ion Ratio Lower Upper

119 100

134 29.3 12.4 37.2

91 27.1 13.5 40.4



#89

n-Butylbenzene

Concen: 3.410 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081360.D

Acq: 11 Mar 2024 13:52

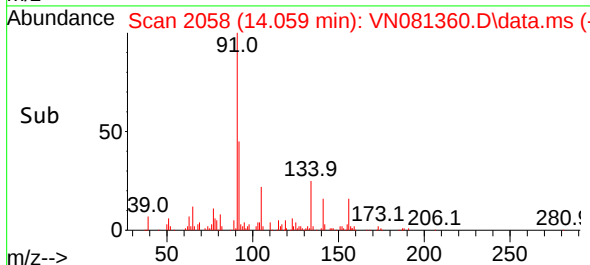
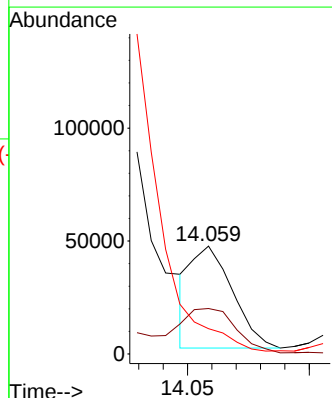
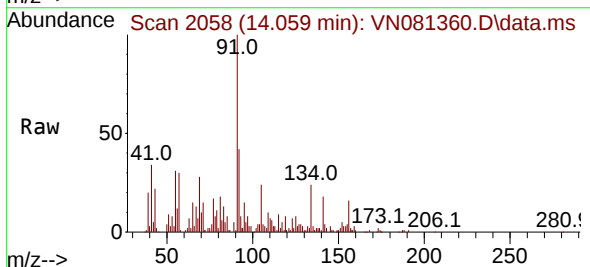
Tgt Ion: 91 Resp: 53516

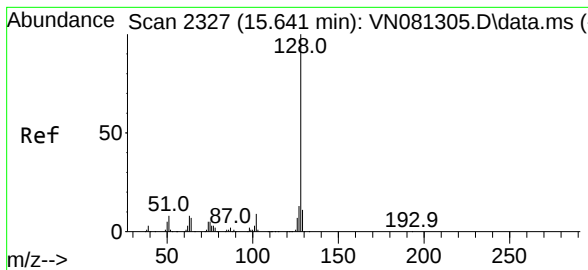
Ion Ratio Lower Upper

91 100

92 61.3 26.7 80.1

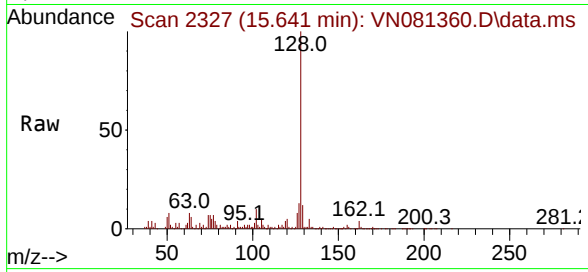
134 0.0 10.8 32.4#





#95
Naphthalene
Concen: 26.859 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081360.D
Acq: 11 Mar 2024 13:52

Instrument :
MSVOA_N
ClientSampleId :
10252



Tgt Ion:128 Resp: 456664

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.0	15.0
129	11.3	8.7	13.1

