

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081363.D
 Acq On : 11 Mar 2024 15:04
 Operator : JC\MD
 Sample : P1724-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 380

Quant Time: Mar 12 04:54:37 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)

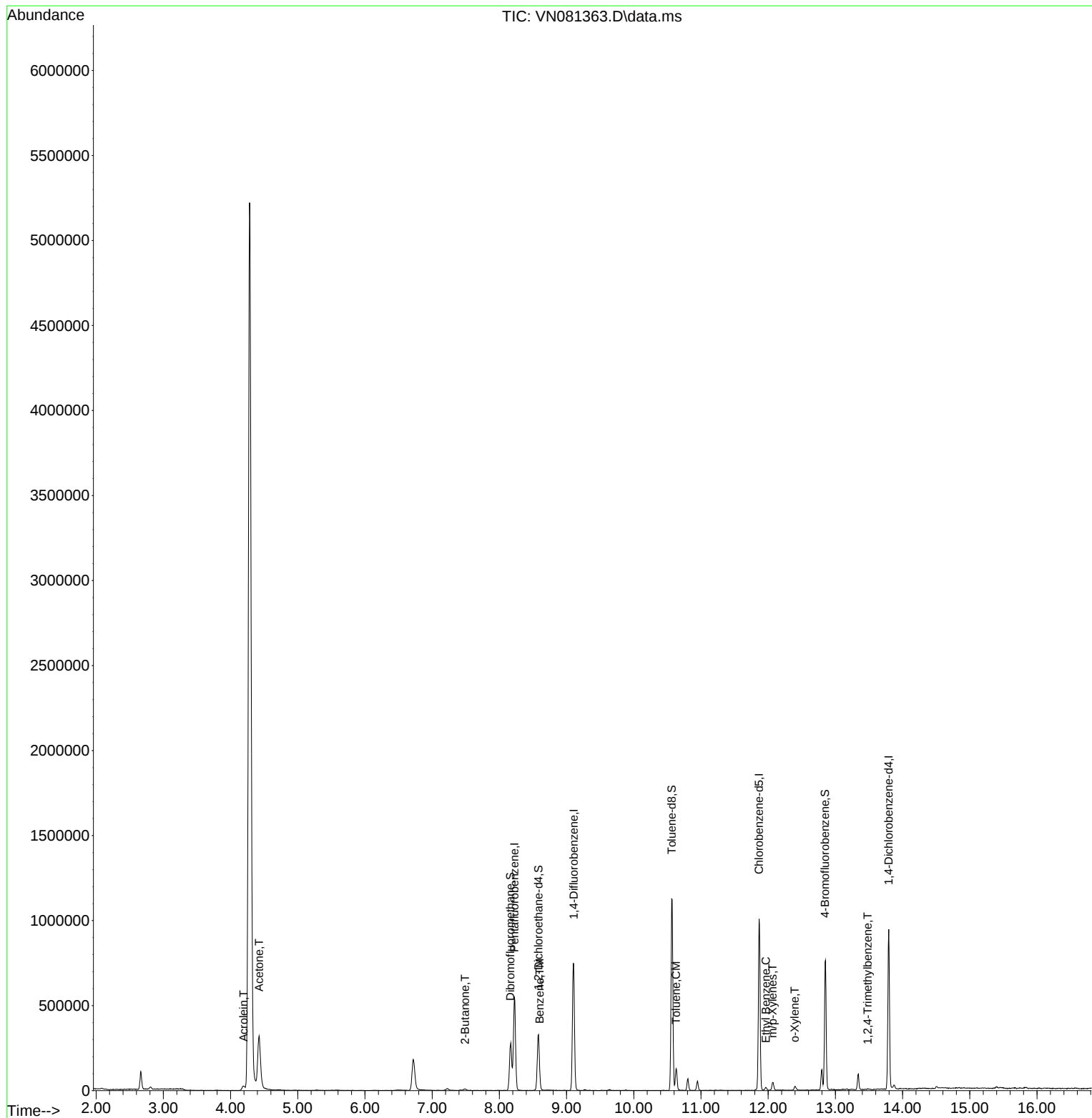
Internal Standards						
1) Pentafluorobenzene	8.224	168	378157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	663840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	570846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	263266	48.149	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.300%		
35) Dibromofluoromethane	8.165	113	200339	49.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.520%		
50) Toluene-d8	10.565	98	780407	51.329	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.847	95	263121	48.965	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	97.940%		
Target Compounds						
					Qvalue	
13) Acrolein	4.195	56	37474	33.101	ug/l	96
16) Acetone	4.424	43	555578	286.788	ug/l	91
25) 2-Butanone	7.488	43	14262	4.396	ug/l	99
40) Benzene	8.600	78	5001	0.255	ug/l	94
52) Toluene	10.629	92	54065	4.570	ug/l	98
67) Ethyl Benzene	11.965	91	11112	0.513	ug/l #	89
68) m/p-Xylenes	12.065	106	14559	1.785	ug/l	97
69) o-Xylene	12.394	106	5460	0.691	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	3615	0.229	ug/l	94

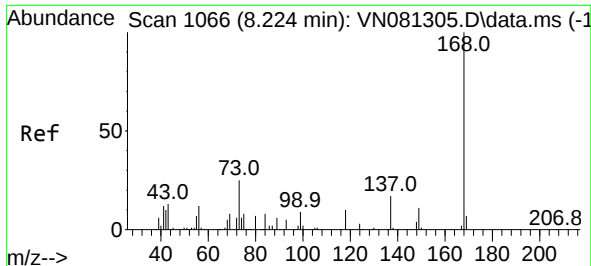
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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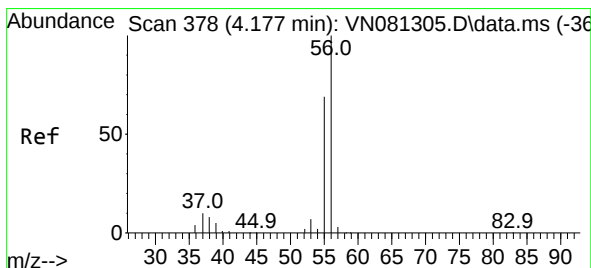
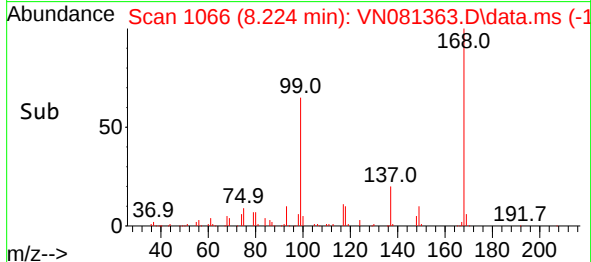
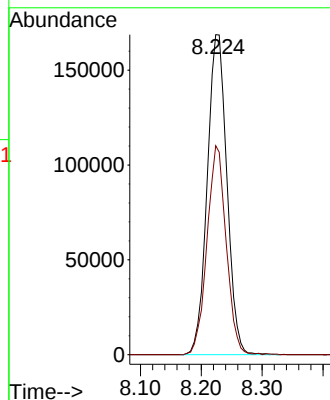
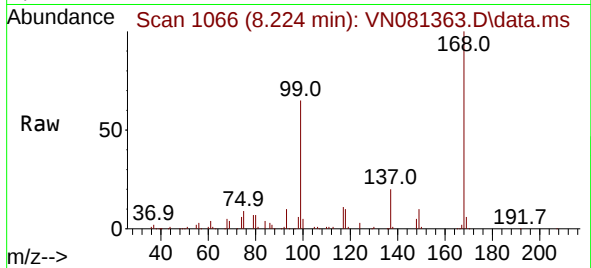




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

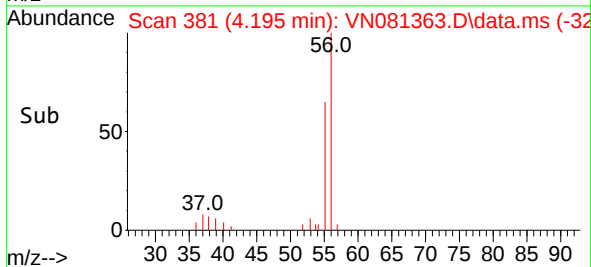
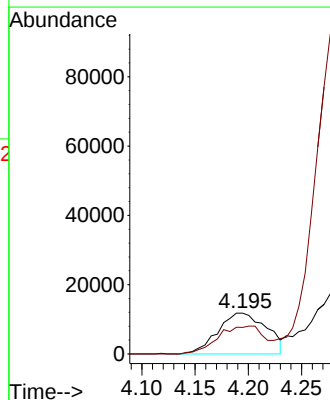
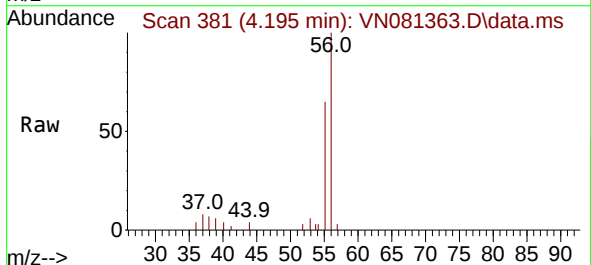
Instrument :
MSVOA_N
ClientSampleId :
380

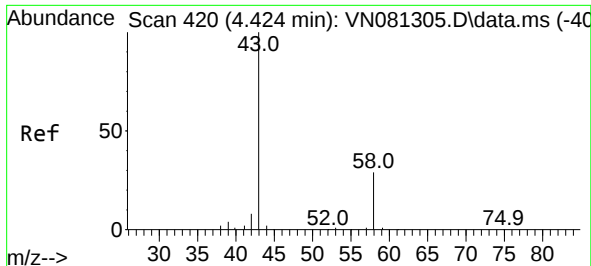
Tgt Ion:168 Resp: 378157
Ion Ratio Lower Upper
168 100
99 65.3 59.9 89.9



#13
Acrolein
Concen: 33.101 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

Tgt Ion: 56 Resp: 37474
Ion Ratio Lower Upper
56 100
55 66.0 55.3 82.9

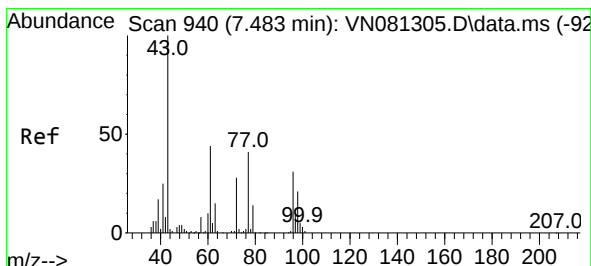
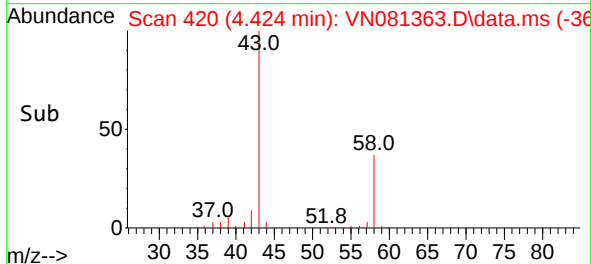
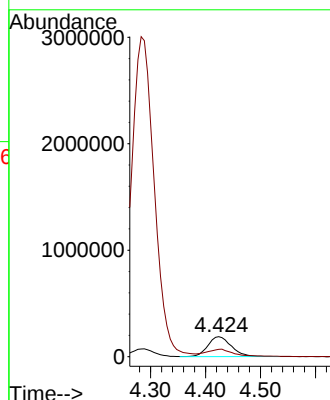
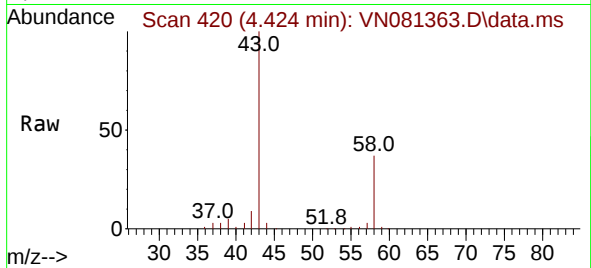




#16
Acetone
Concen: 286.788 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

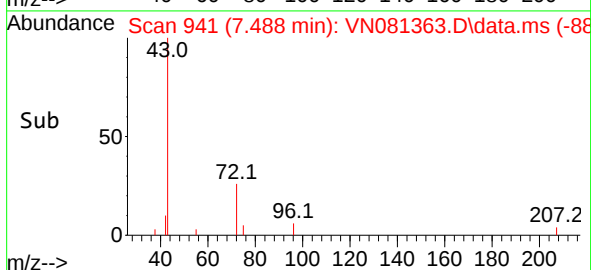
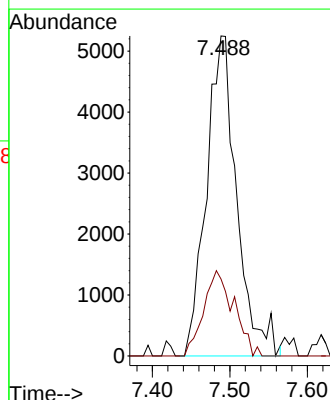
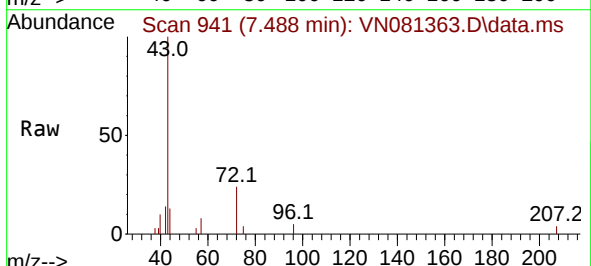
Instrument :
MSVOA_N
ClientSampleId :
380

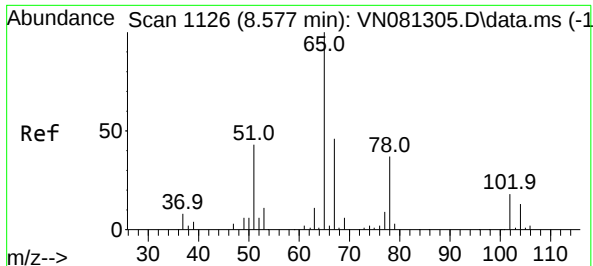
Tgt Ion: 43 Resp: 555578
Ion Ratio Lower Upper
43 100
58 35.9 24.8 37.2



#25
2-Butanone
Concen: 4.396 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

Tgt Ion: 43 Resp: 14262
Ion Ratio Lower Upper
43 100
72 24.0 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 48.149 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081363.D

Acq: 11 Mar 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

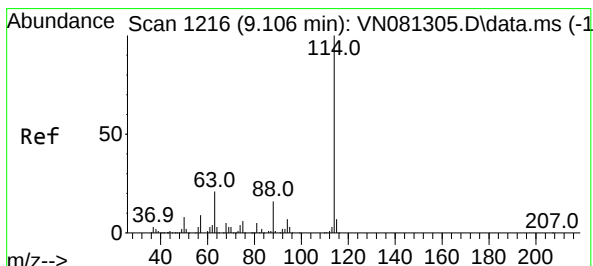
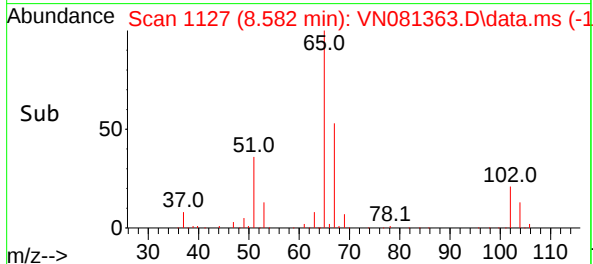
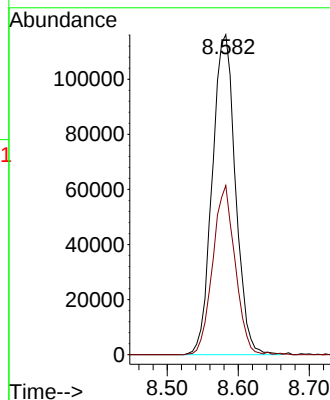
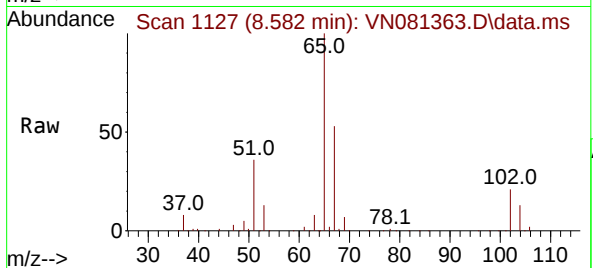
380

Tgt Ion: 65 Resp: 263266

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081363.D

Acq: 11 Mar 2024 15:04

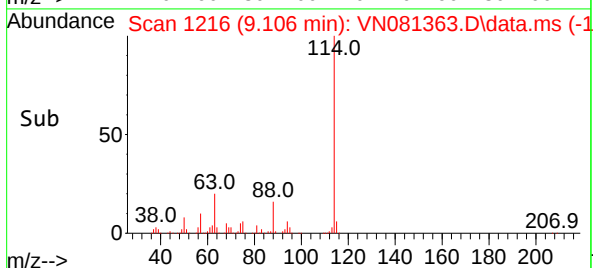
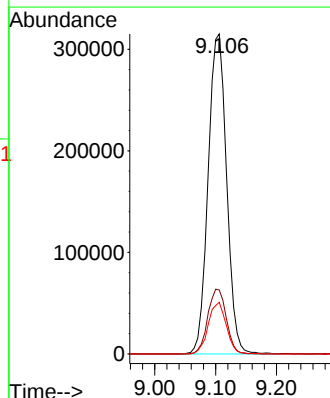
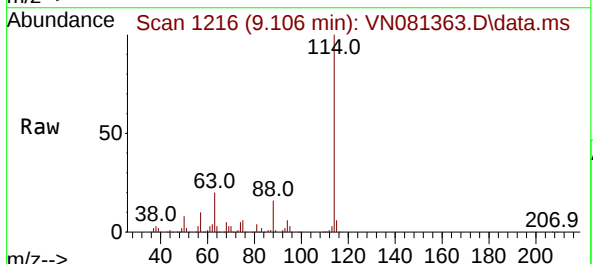
Tgt Ion: 114 Resp: 663840

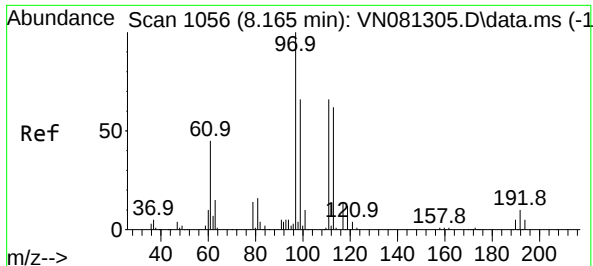
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 16.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.258 ug/l

RT: 8.165 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081363.D

Acq: 11 Mar 2024 15:04

Instrument :

MSVOA_N

ClientSampleId :

380

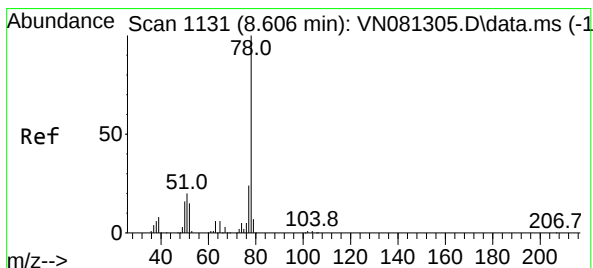
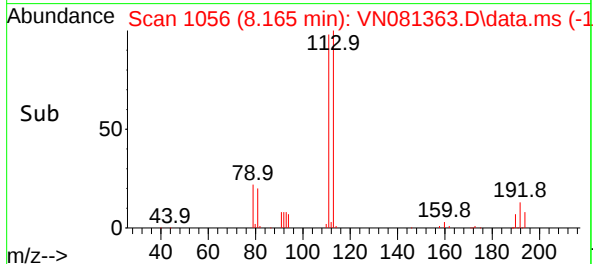
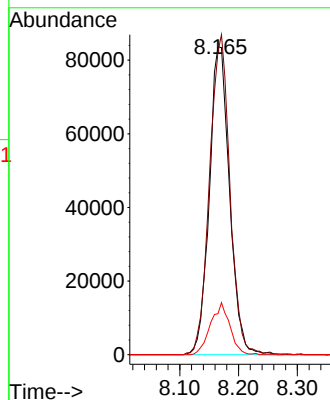
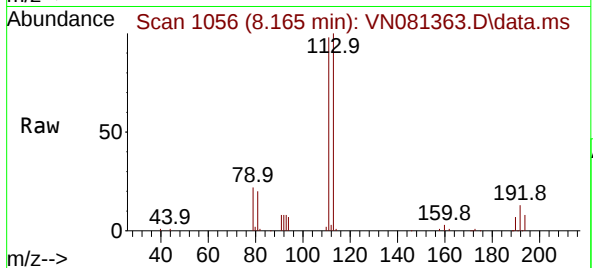
Tgt Ion:113 Resp: 200339

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 16.1 12.5 18.7



#40

Benzene

Concen: 0.255 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN081363.D

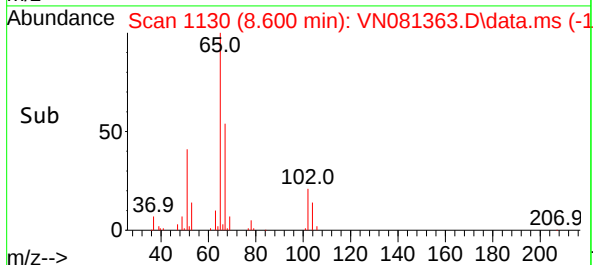
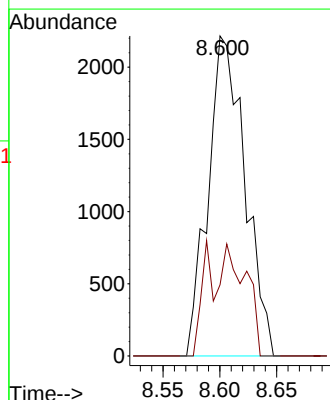
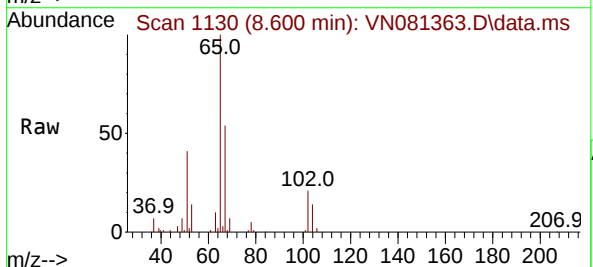
Acq: 11 Mar 2024 15:04

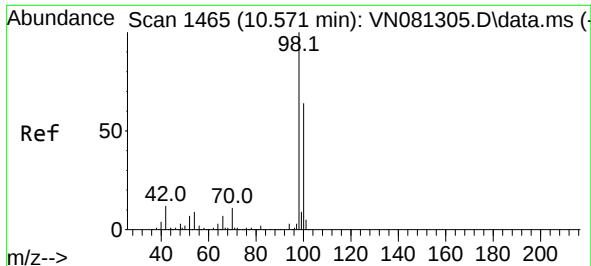
Tgt Ion: 78 Resp: 5001

Ion Ratio Lower Upper

78 100

77 22.2 20.4 30.6

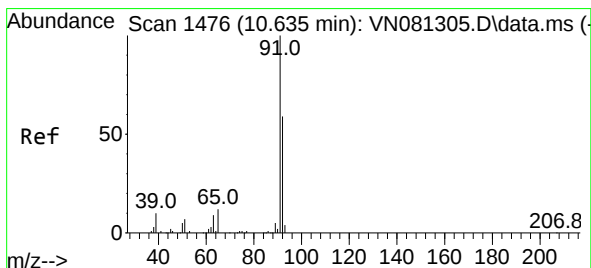
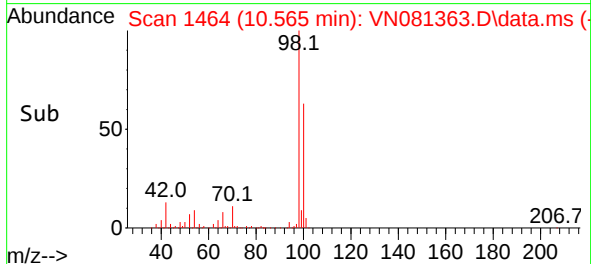
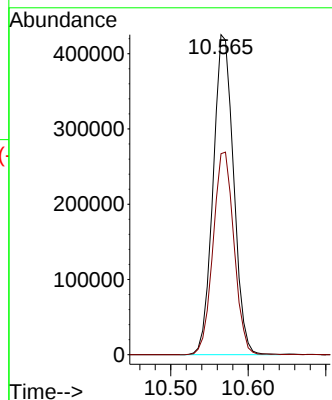
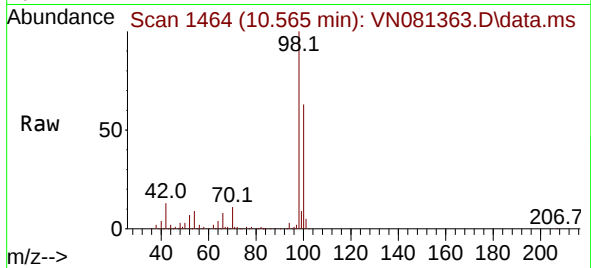




#50
Toluene-d8
Concen: 51.329 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

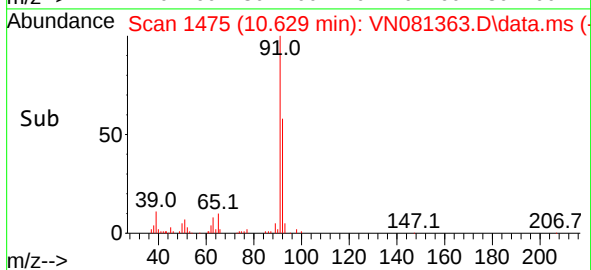
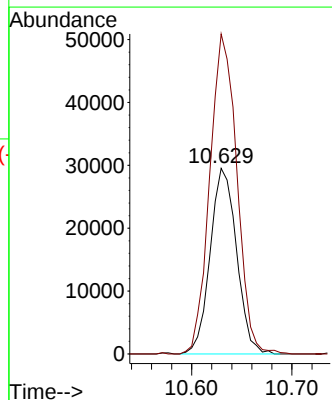
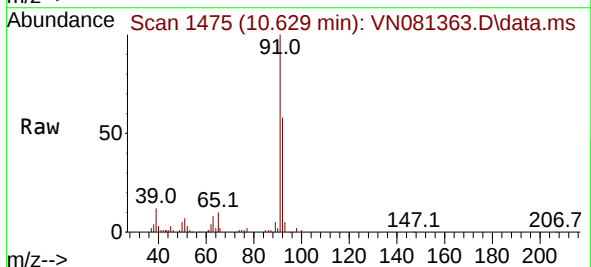
Instrument :
MSVOA_N
ClientSampleId :
380

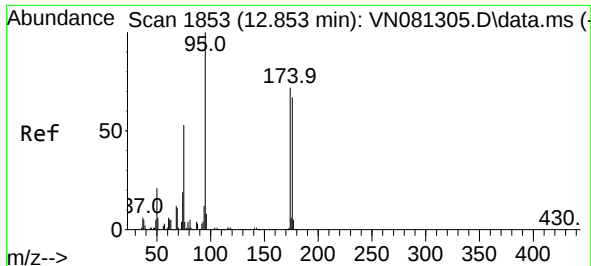
Tgt Ion: 98 Resp: 780407
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#52
Toluene
Concen: 4.570 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

Tgt Ion: 92 Resp: 54065
Ion Ratio Lower Upper
92 100
91 176.8 139.4 209.0

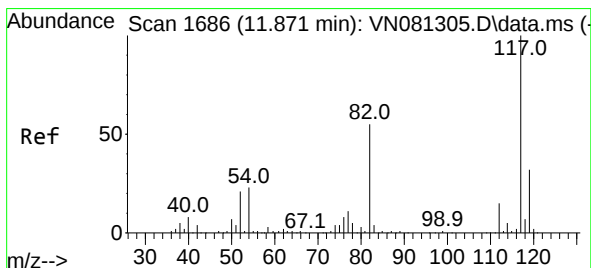
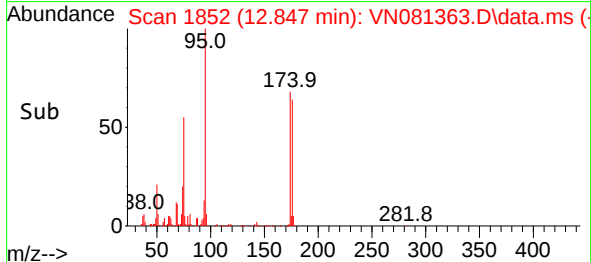
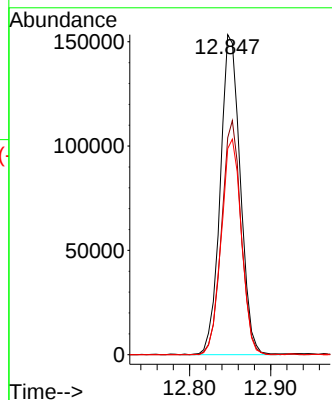
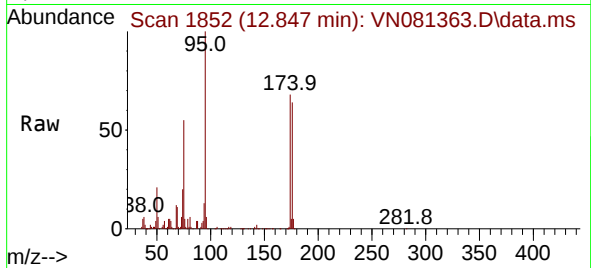




#62
4-Bromofluorobenzene
Concen: 48.965 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

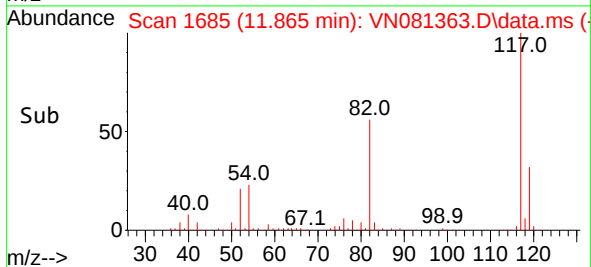
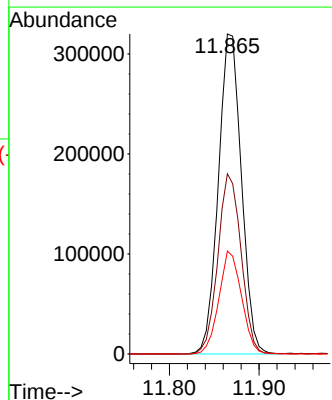
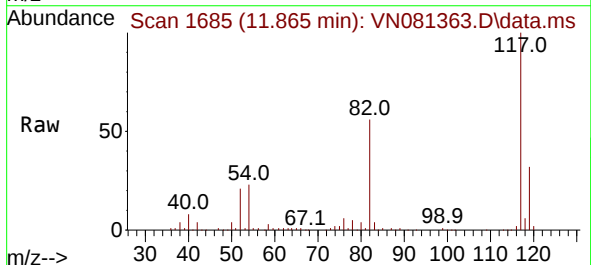
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MSVOA_N
ClientSampleId :
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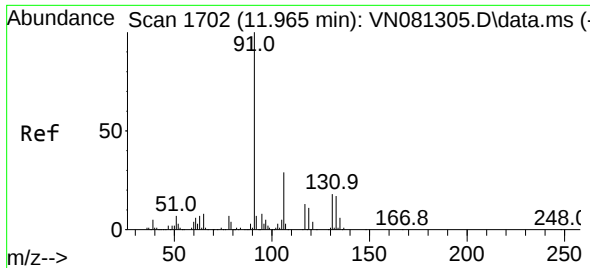
Tgt Ion: 95 Resp: 263121
Ion Ratio Lower Upper
95 100
174 71.1 0.0 120.4
176 68.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

Tgt Ion: 117 Resp: 570846
Ion Ratio Lower Upper
117 100
82 56.3 52.7 79.1
119 32.1 25.3 37.9

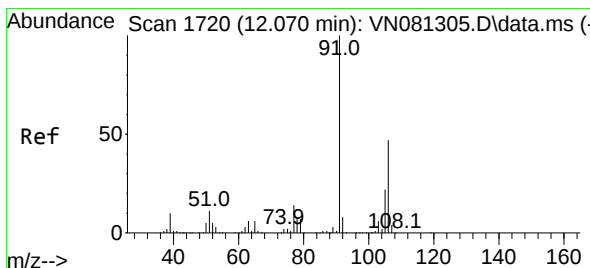
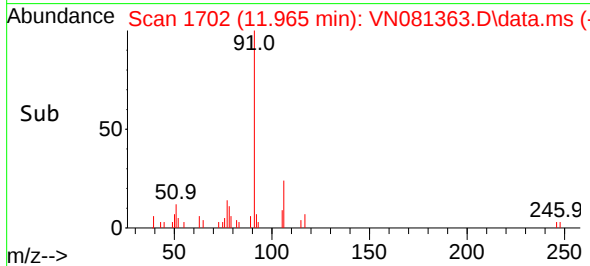
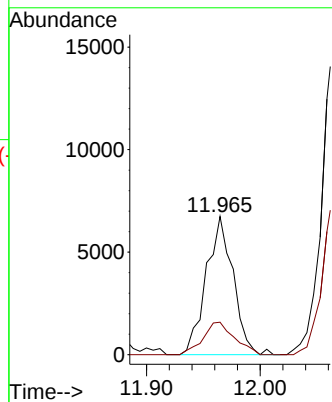
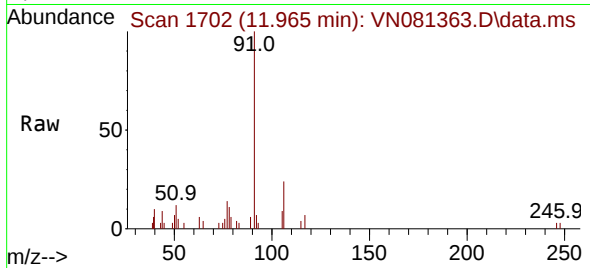




#67
Ethyl Benzene
Concen: 0.513 ug/l
RT: 11.965 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

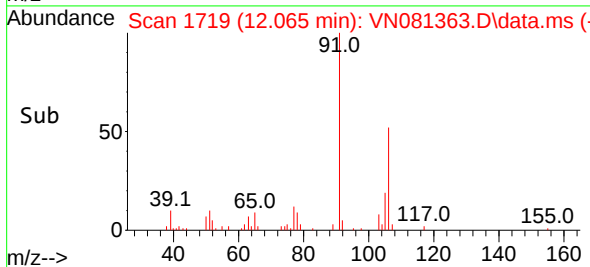
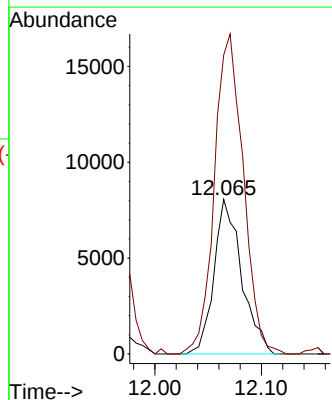
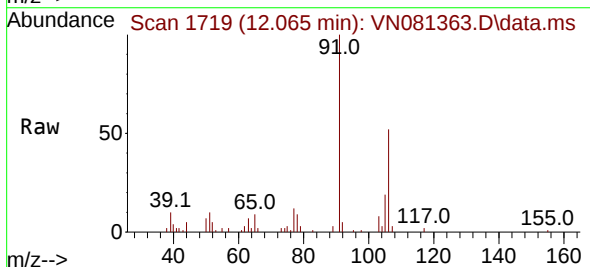
Instrument :
MSVOA_N
ClientSampleId :
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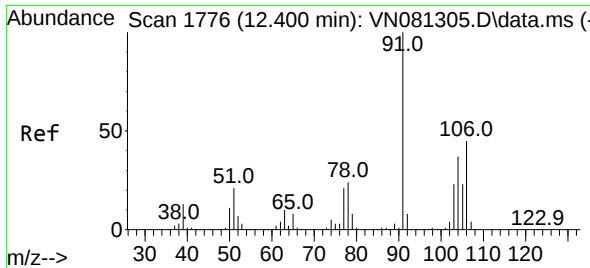
Tgt Ion: 91 Resp: 11112
Ion Ratio Lower Upper
91 100
106 23.5 23.8 35.6#



#68
m/p-Xylenes
Concen: 1.785 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

Tgt Ion:106 Resp: 14559
Ion Ratio Lower Upper
106 100
91 216.1 169.0 253.6

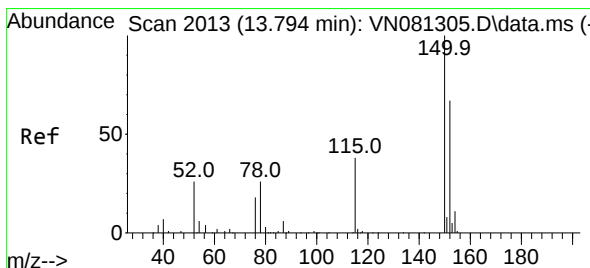
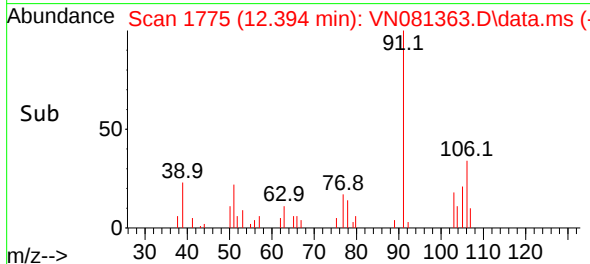
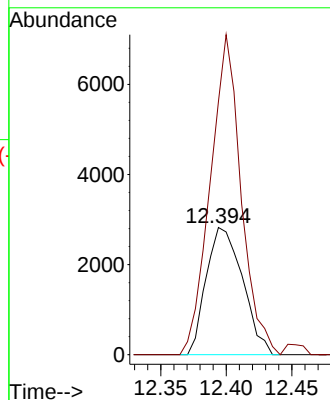
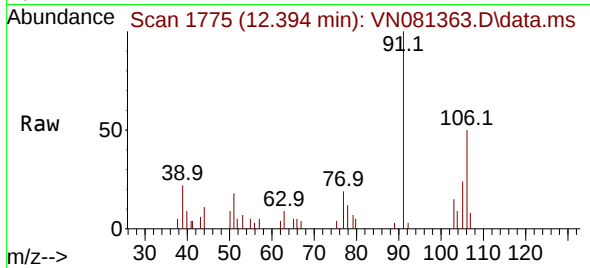




#69
o-Xylene
Concen: 0.691 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

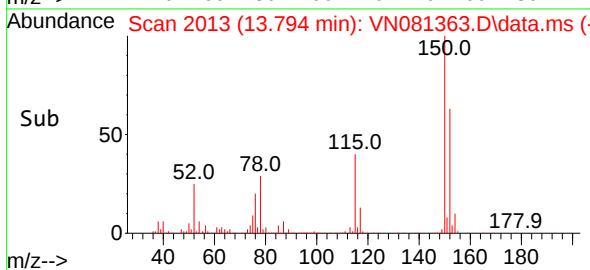
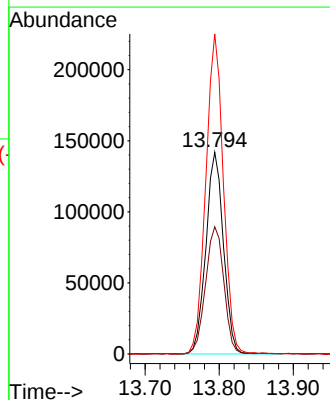
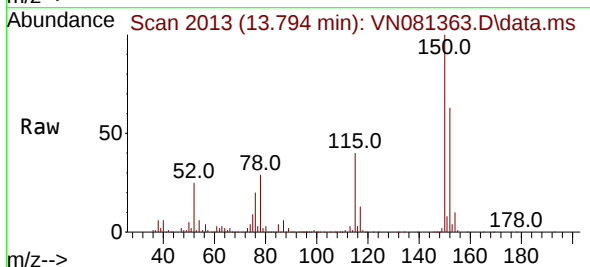
Instrument :
MSVOA_N
ClientSampleId :
380

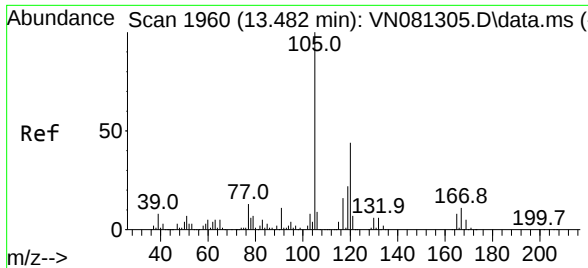
Tgt Ion:106 Resp: 5460
Ion Ratio Lower Upper
106 100
91 212.7 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

Tgt Ion:152 Resp: 233615
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 158.4 0.0 339.8





#84
1,2,4-Trimethylbenzene
Concen: 0.229 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081363.D
Acq: 11 Mar 2024 15:04

Instrument :
MSVOA_N
ClientSampleId :
380

Tgt Ion:	105	Resp:	3615
Ion	Ratio	Lower	Upper
105	100		
120	38.0	20.9	62.7

