

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081495.D
 Acq On : 20 Mar 2024 15:47
 Operator : JC\MD
 Sample : P1800-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1394

Quant Time: Mar 21 01:20:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

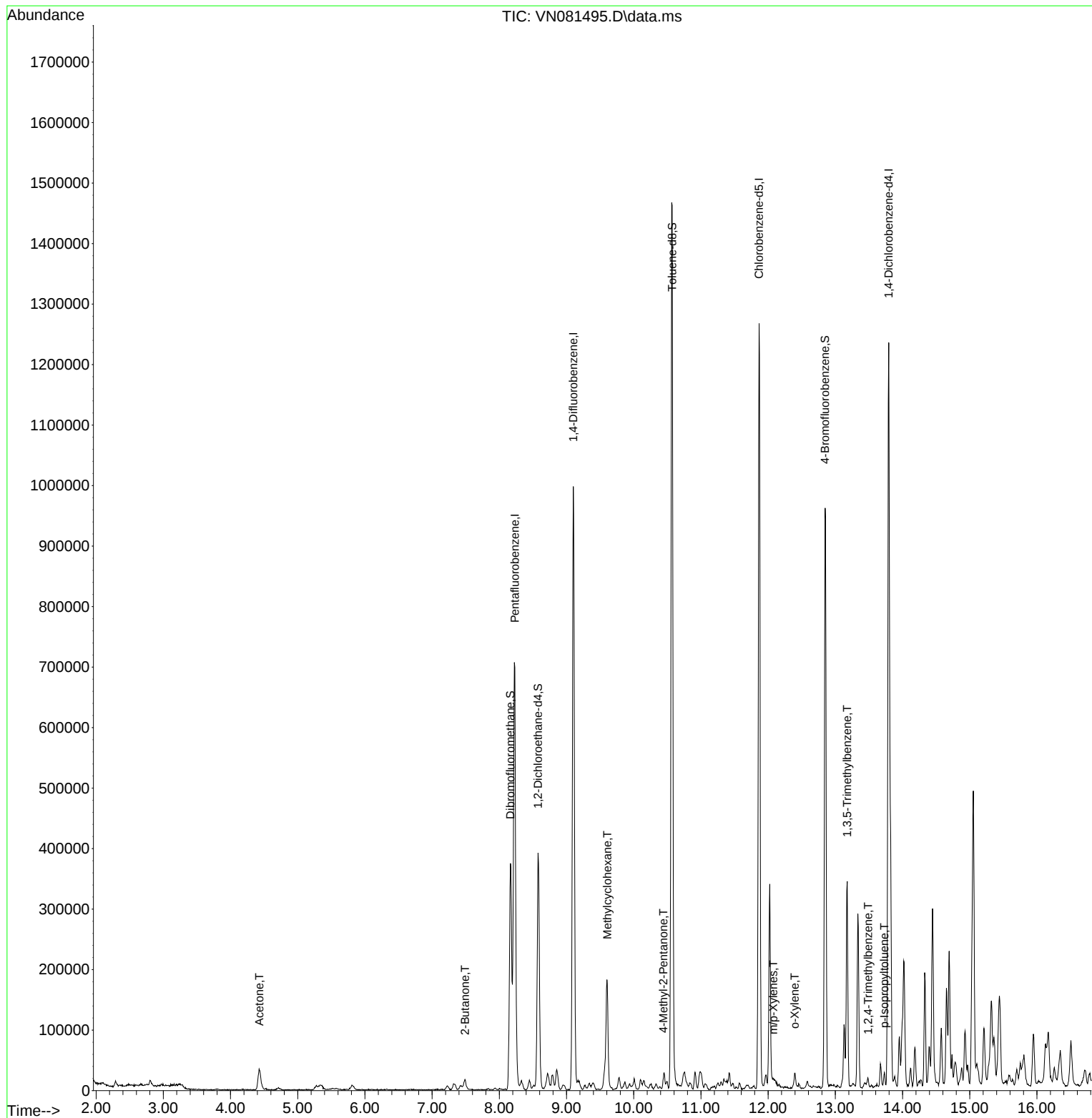
Internal Standards						
1) Pentafluorobenzene	8.230	168	515585	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	873821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	752013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	332739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	317328	48.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.520%
35) Dibromofluoromethane	8.165	113	269061	48.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	10.571	98	1034979	51.918	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.847	95	329482	46.906	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.820%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	62986	29.642	ug/l	99
25) 2-Butanone	7.489	43	25660	7.040	ug/l	# 80
39) Methylcyclohexane	9.606	83	80673	7.784	ug/l	# 82
51) 4-Methyl-2-Pentanone	10.441	43	8887	1.106	ug/l	97
68) m/p-Xylenes	12.076	106	3509	0.303	ug/l	99
69) o-Xylene	12.394	106	6385	0.562	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	188115	8.030	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	8991	0.382	ug/l	90
86) p-Isopropyltoluene	13.729	119	11669	0.494	ug/l	90

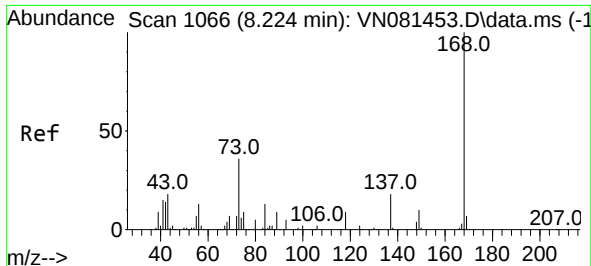
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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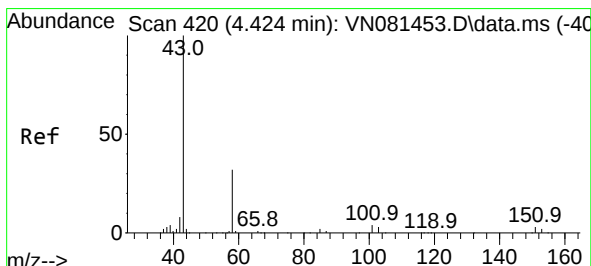
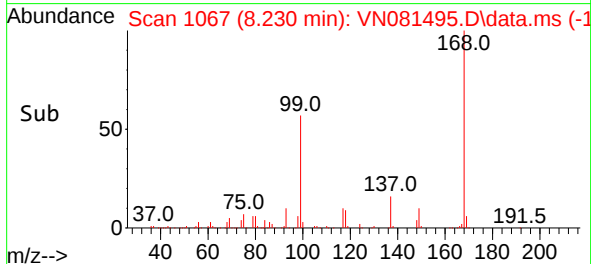
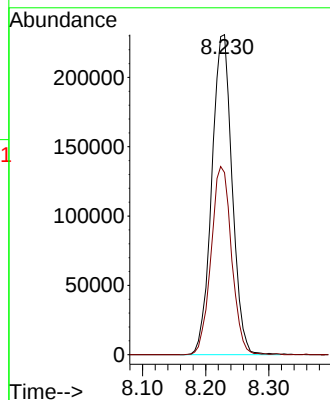
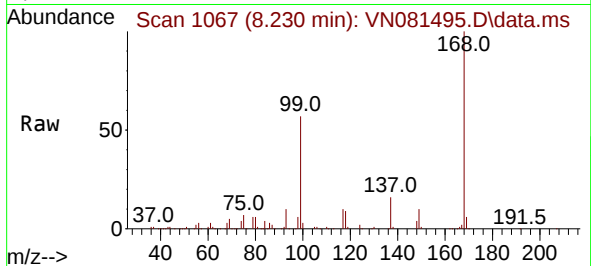




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

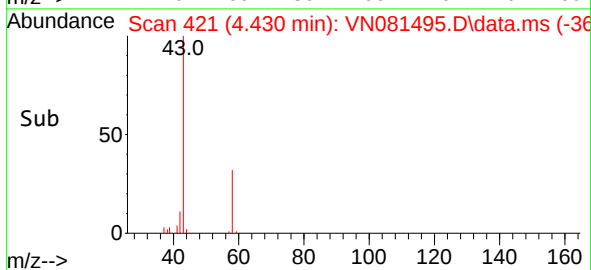
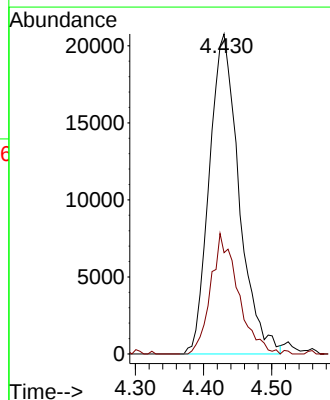
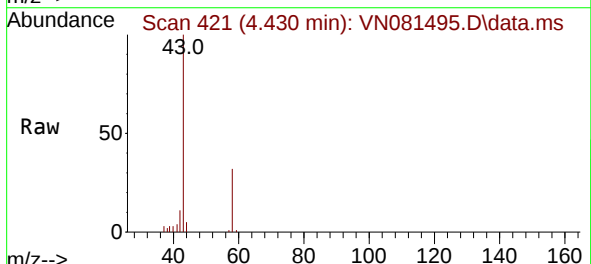
Instrument :
MSVOA_N
ClientSampleId :
1394

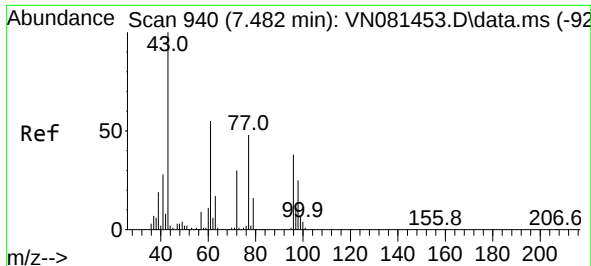
Tgt Ion:168 Resp: 515585
Ion Ratio Lower Upper
168 100
99 56.9 59.9 89.9#



#16
Acetone
Concen: 29.642 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

Tgt Ion: 43 Resp: 62986
Ion Ratio Lower Upper
43 100
58 31.6 24.8 37.2

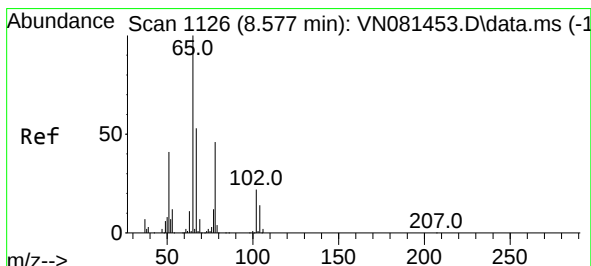
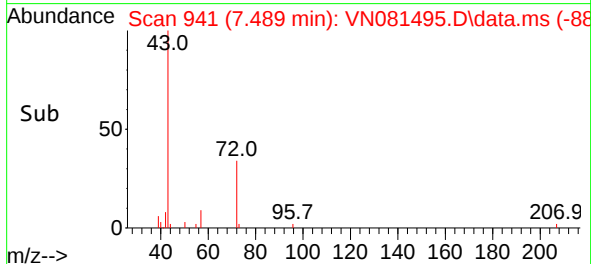
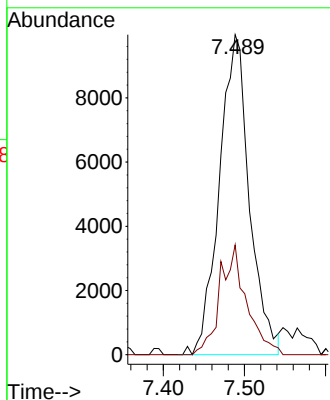
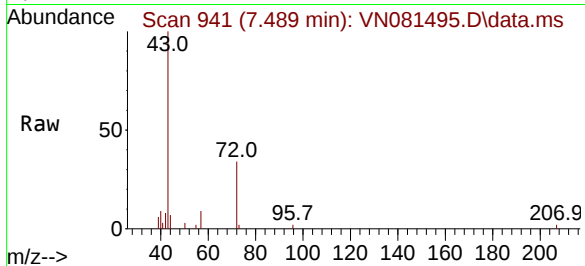




#25
2-Butanone
Concen: 7.040 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

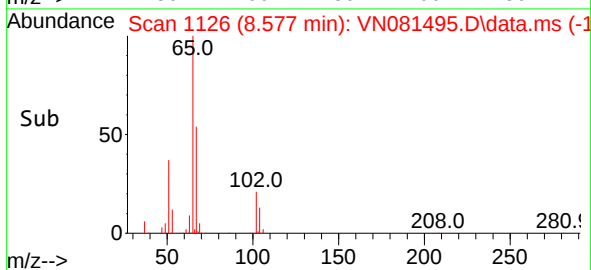
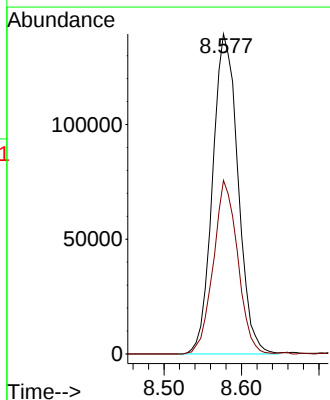
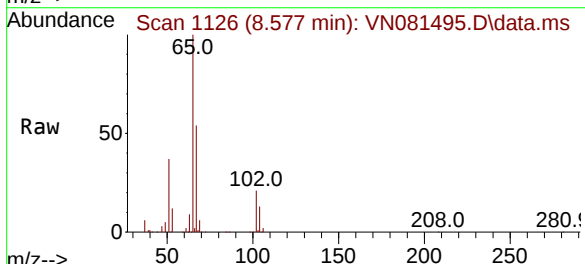
Instrument :
MSVOA_N
ClientSampleId :
1394

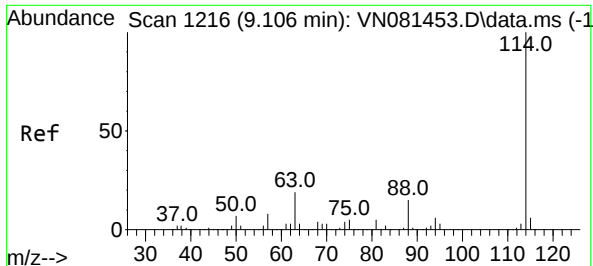
Tgt Ion: 43 Resp: 25660
Ion Ratio Lower Upper
43 100
72 34.3 19.5 29.3#



#33
1,2-Dichloroethane-d4
Concen: 48.262 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

Tgt Ion: 65 Resp: 317328
Ion Ratio Lower Upper
65 100
67 52.1 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: VN081495.D

Acq: 20 Mar 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

1394

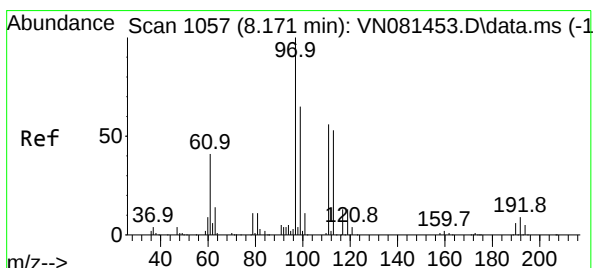
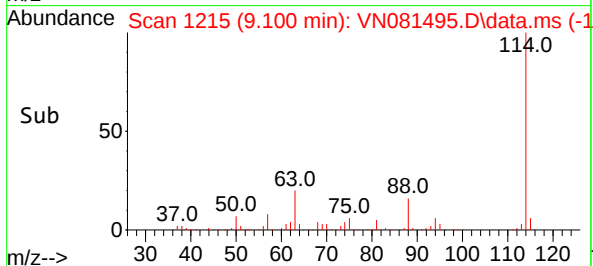
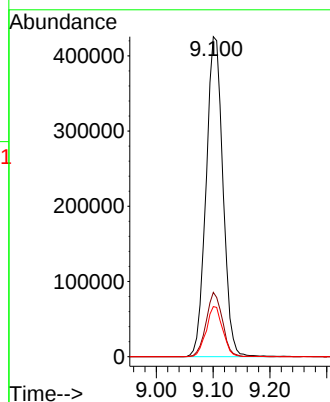
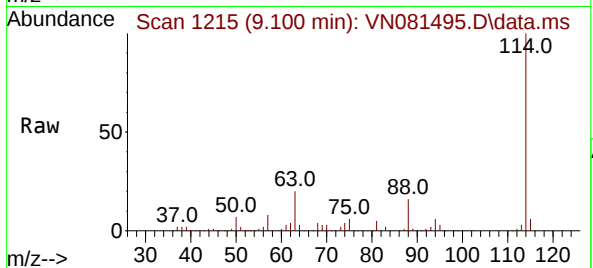
Tgt Ion:114 Resp: 873821

Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

88 15.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.790 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081495.D

Acq: 20 Mar 2024 15:47

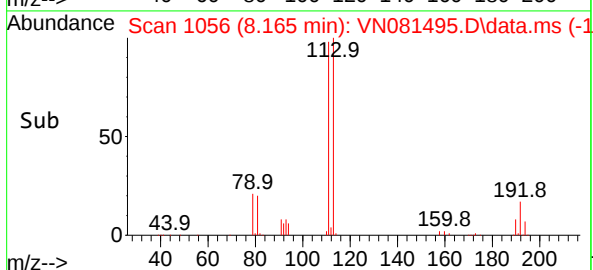
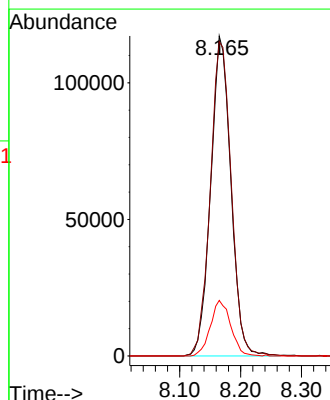
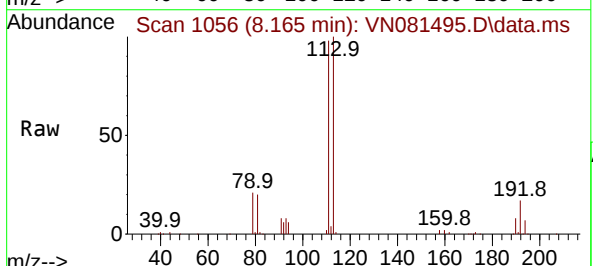
Tgt Ion:113 Resp: 269061

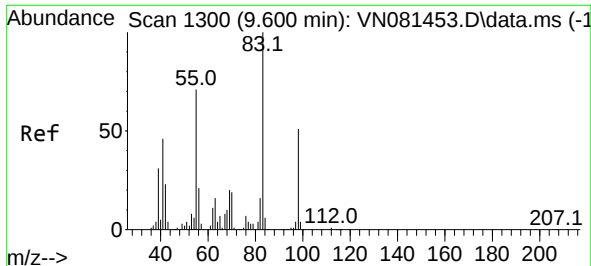
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 17.5 12.5 18.7





#39

Methylcyclohexane

Concen: 7.784 ug/l

RT: 9.606 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081495.D

Acq: 20 Mar 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

1394

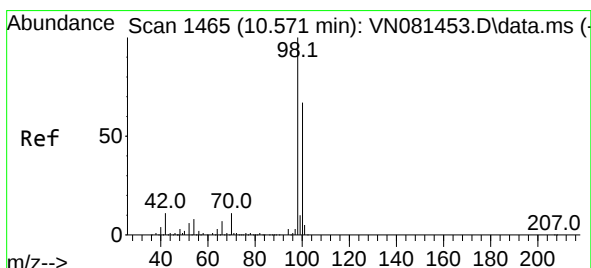
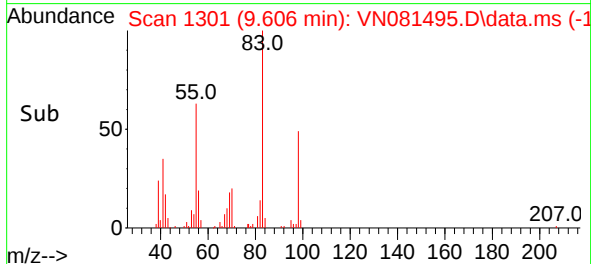
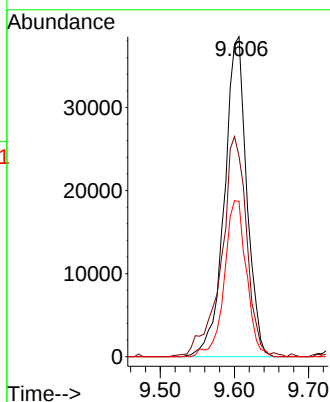
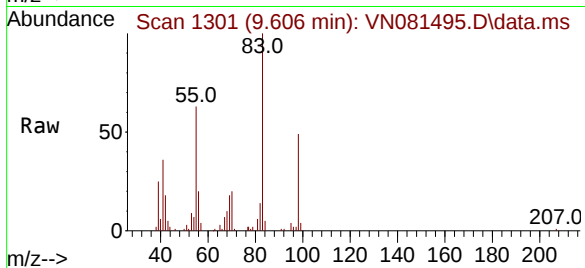
Tgt Ion: 83 Resp: 80673

Ion Ratio Lower Upper

83 100

55 62.1 65.7 98.5#

98 48.5 33.8 50.6



#50

Toluene-d8

Concen: 51.918 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081495.D

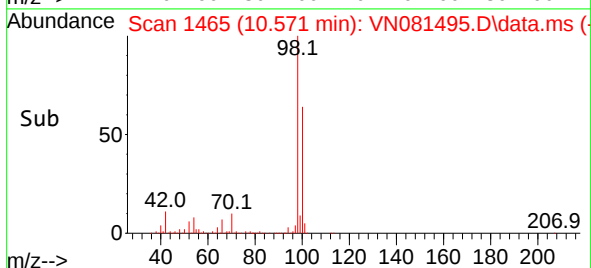
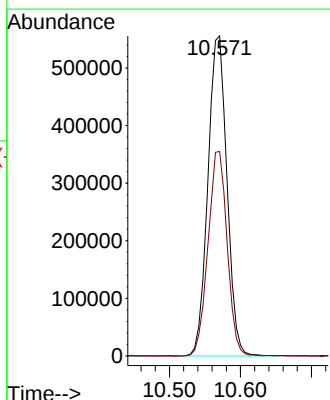
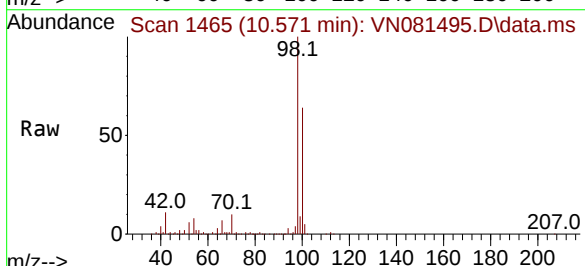
Acq: 20 Mar 2024 15:47

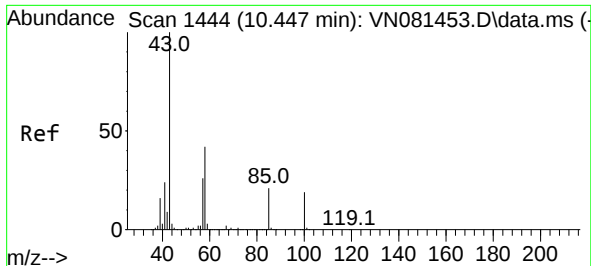
Tgt Ion: 98 Resp: 1034979

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0

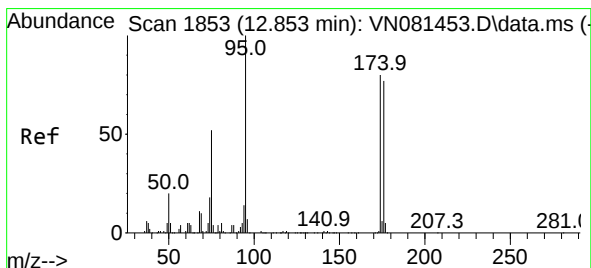
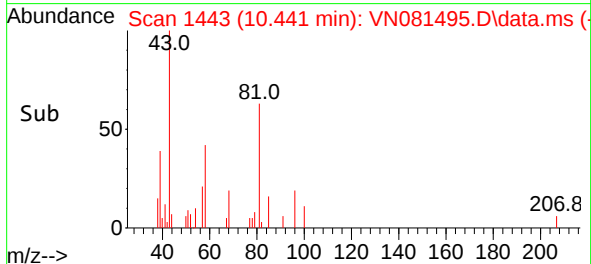
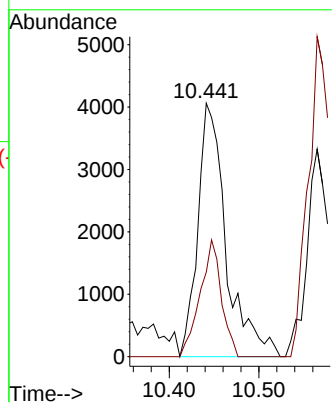
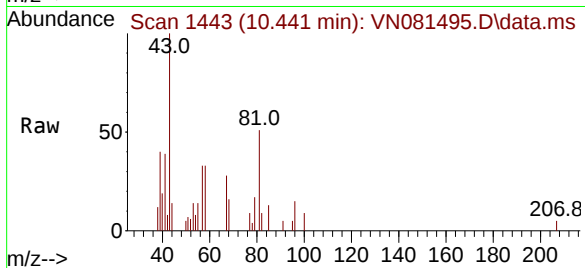




#51
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

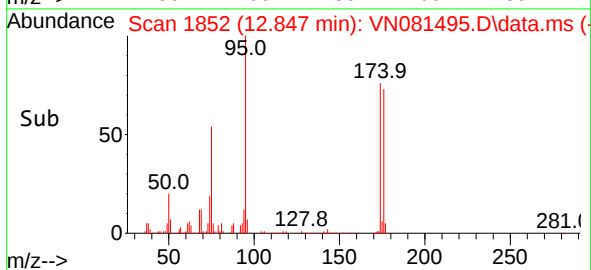
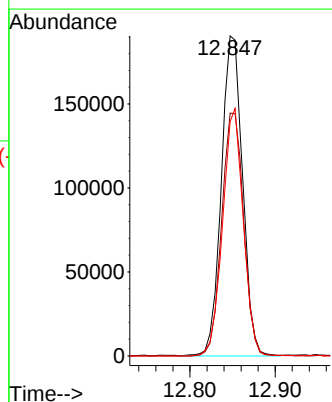
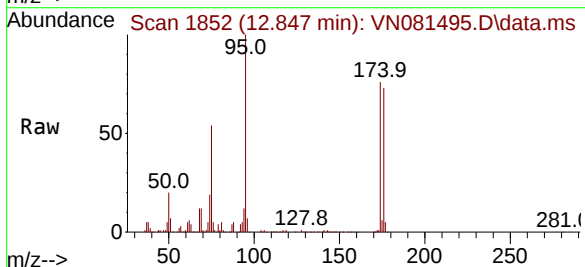
Instrument :
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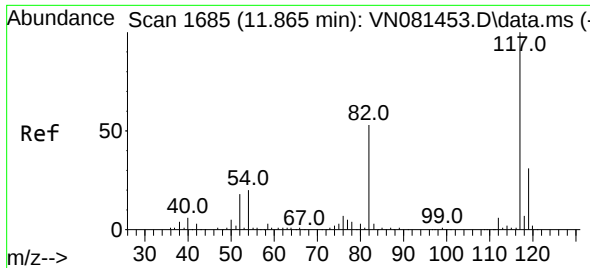
Tgt Ion: 43 Resp: 8887
Ion Ratio Lower Upper
43 100
58 34.7 29.4 44.0



#62
4-Bromofluorobenzene
Concen: 46.906 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

Tgt Ion: 95 Resp: 329482
Ion Ratio Lower Upper
95 100
174 78.5 0.0 120.4
176 75.3 0.0 121.0

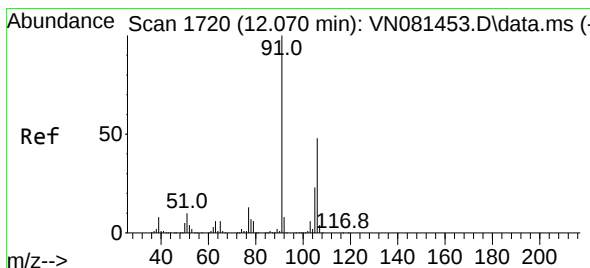
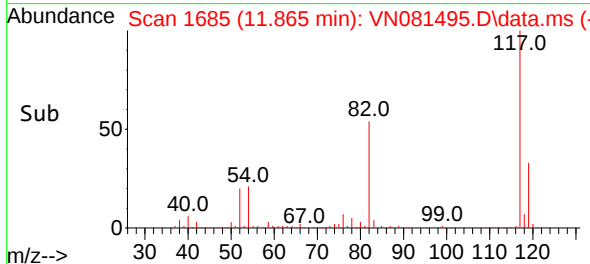
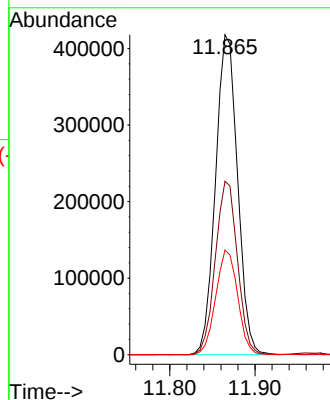
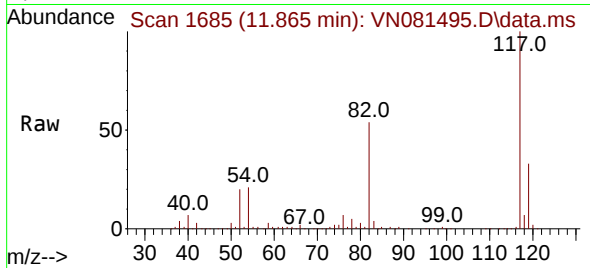




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

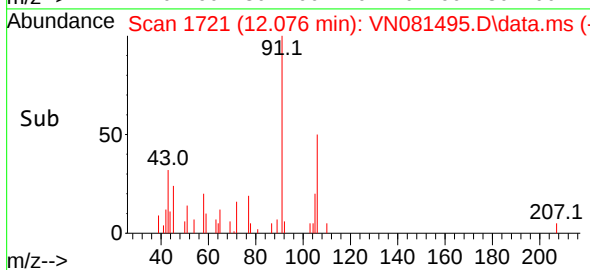
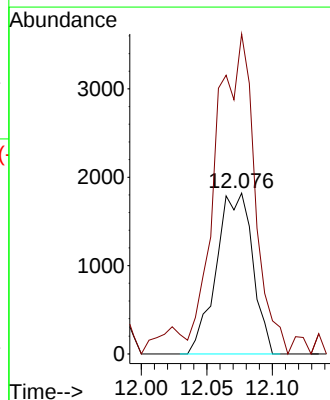
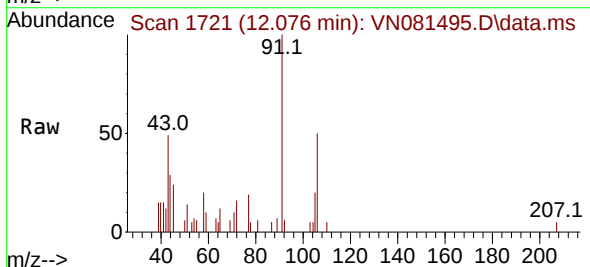
Instrument :
MSVOA_N
ClientSampleId :
1394

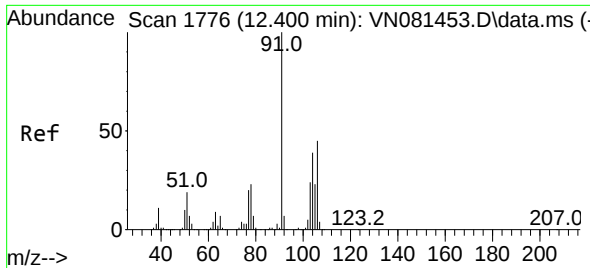
Tgt Ion:117 Resp: 752013
Ion Ratio Lower Upper
117 100
82 54.2 52.7 79.1
119 32.7 25.3 37.9



#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

Tgt Ion:106 Resp: 3509
Ion Ratio Lower Upper
106 100
91 212.6 169.0 253.6

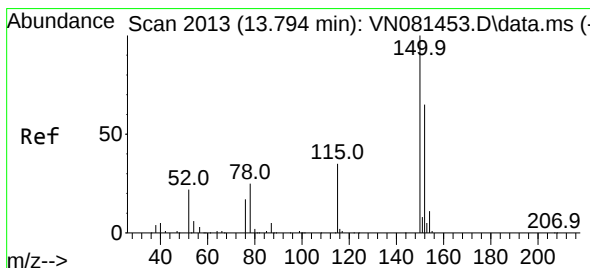
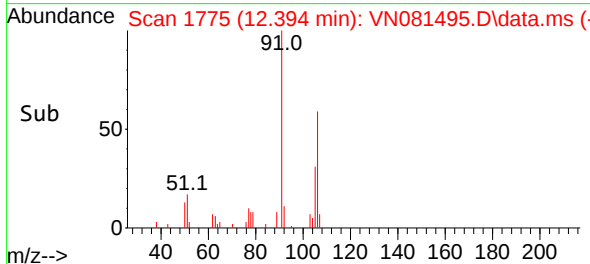
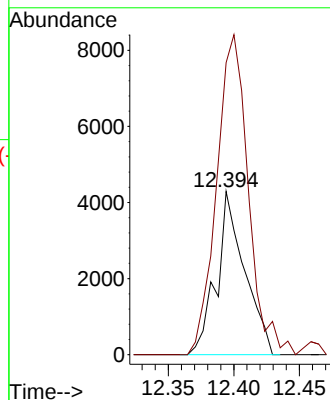
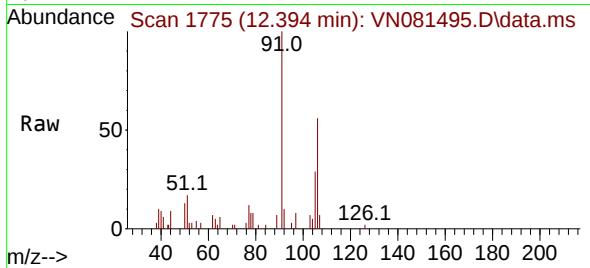




#69
o-Xylene
Concen: 0.562 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

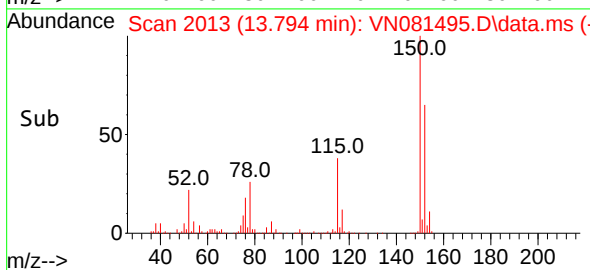
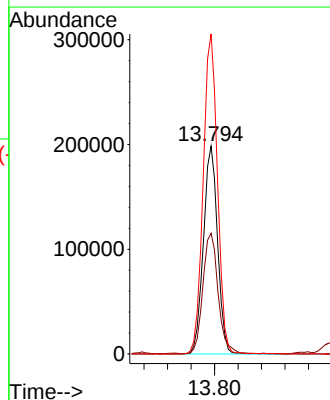
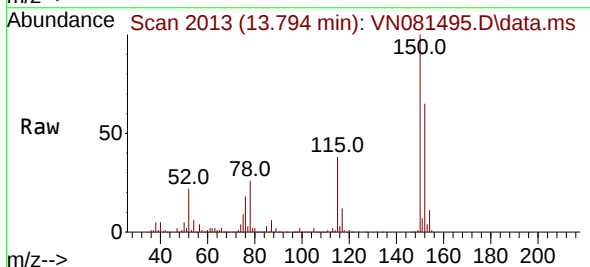
Instrument :
MSVOA_N
ClientSampleId :
1394

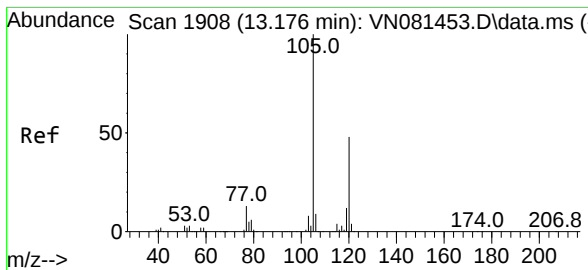
Tgt Ion:106 Resp: 6385
Ion Ratio Lower Upper
106 100
91 221.6 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081495.D
Acq: 20 Mar 2024 15:47

Tgt Ion:152 Resp: 332739
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 155.3 0.0 339.8

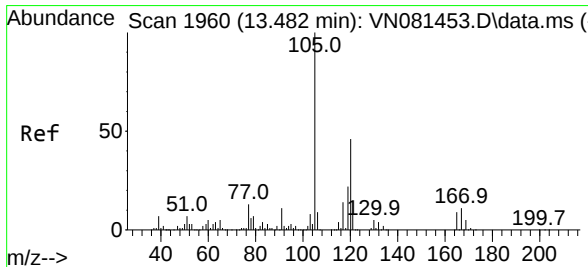
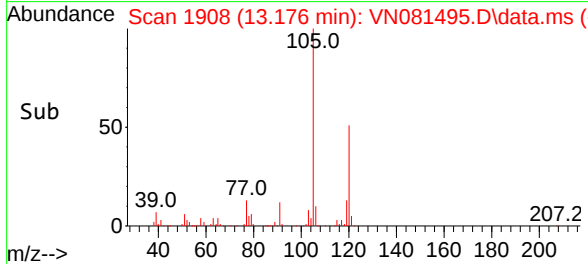
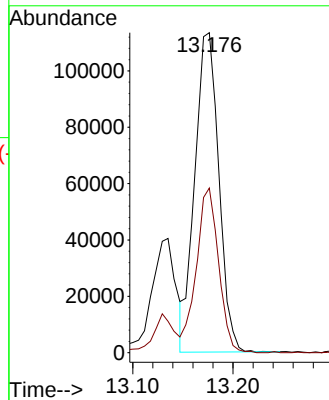
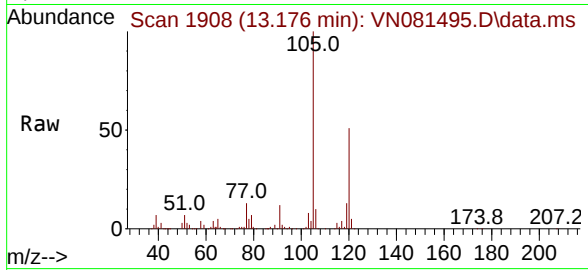




#80
 1,3,5-Trimethylbenzene
 Concen: 8.030 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN081495.D
 Acq: 20 Mar 2024 15:47

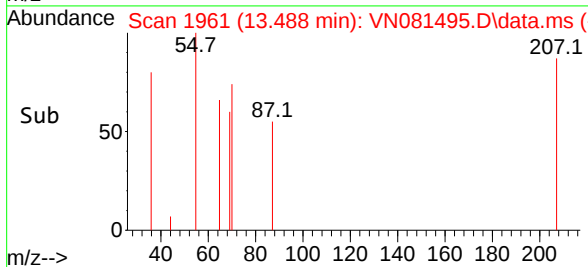
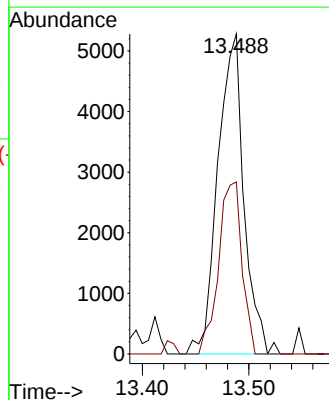
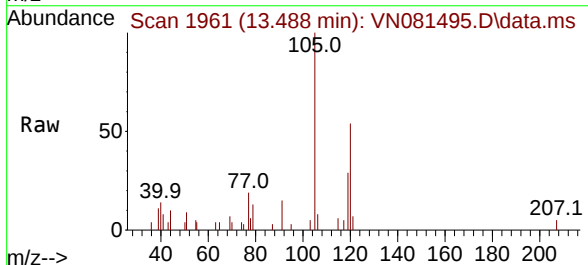
Instrument :
 MSVOA_N
 ClientSampleId :
 1394

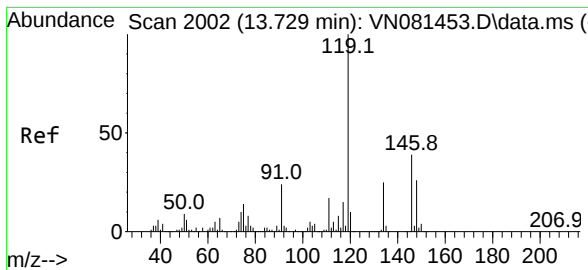
Tgt Ion:105 Resp: 188115
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.0 69.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.382 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN081495.D
 Acq: 20 Mar 2024 15:47

Tgt Ion:105 Resp: 8991
 Ion Ratio Lower Upper
 105 100
 120 48.1 20.9 62.7





#86
 p-Isopropyltoluene
 Concen: 0.494 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081495.D
 Acq: 20 Mar 2024 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 1394

Tgt Ion:	119	Resp:	11669
Ion	Ratio	Lower	Upper
119	100		
134	29.4	12.4	37.2
91	21.4	13.5	40.4

