

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074554.D
 Acq On : 17 Sep 2022 14:27
 Operator : JC\MD
 Sample : N4648-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N48854-1040

Quant Time: Sep 19 02:55:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

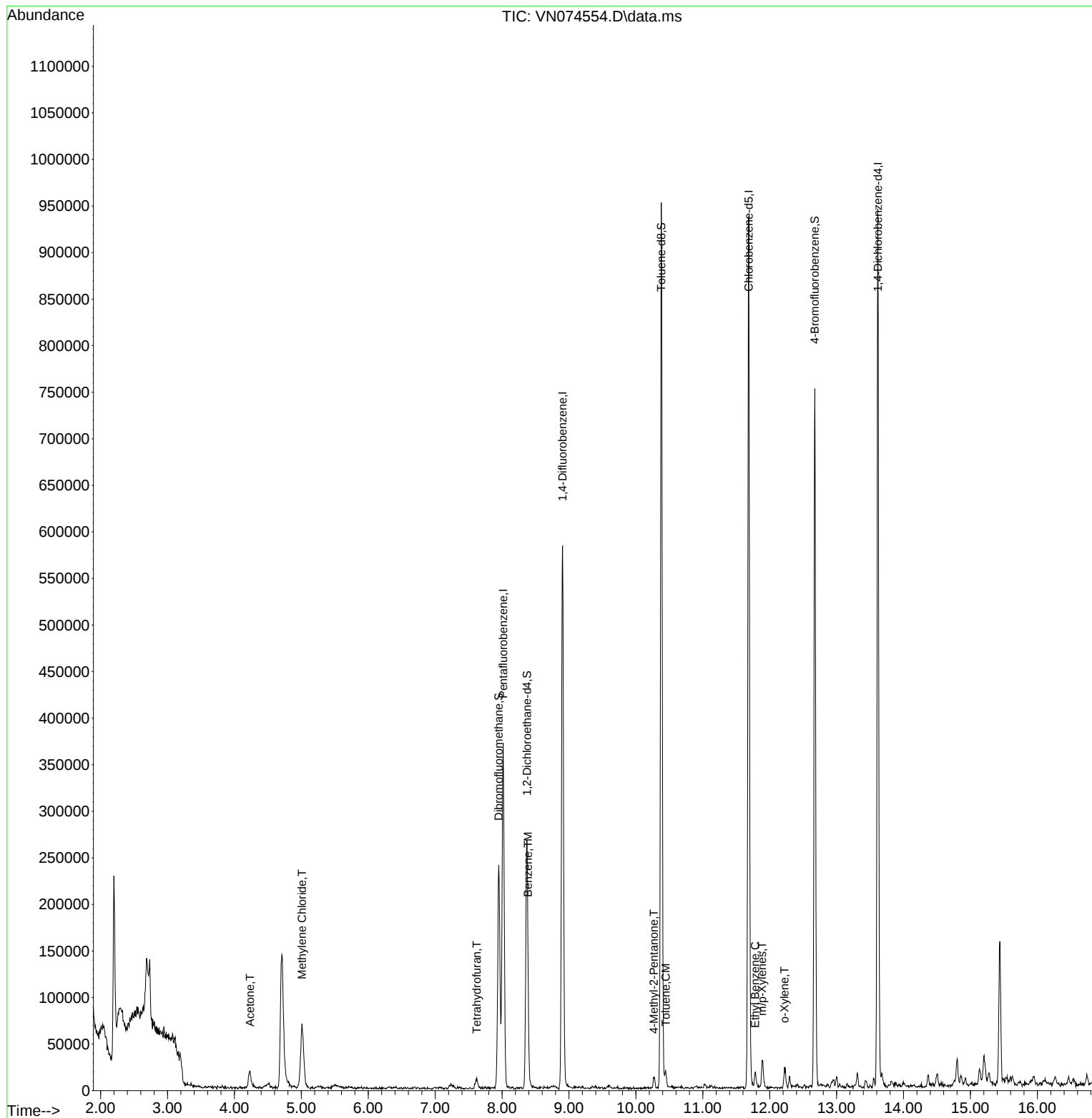
Internal Standards						
1) Pentafluorobenzene	8.016	168	259098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	484912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	479022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	213362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	203779	46.353	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.700%		
35) Dibromofluoromethane	7.951	113	163135	50.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.280%		
50) Toluene-d8	10.380	98	616306	49.473	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.940%		
62) 4-Bromofluorobenzene	12.674	95	226295	53.038	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.080%		
Target Compounds					Qvalue	
16) Acetone	4.234	43	29421	10.458	ug/l	98
20) Methylene Chloride	5.010	84	44587	10.406	ug/l #	69
29) Tetrahydrofuran	7.622	42	9445	3.076	ug/l #	71
40) Benzene	8.386	78	6666	0.378	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	10073	1.118	ug/l #	82
52) Toluene	10.445	92	6135	0.593	ug/l	94
67) Ethyl Benzene	11.780	91	11073	0.502	ug/l #	84
68) m/p-Xylenes	11.886	106	8777	1.075	ug/l	89
69) o-Xylene	12.221	106	4134	0.497	ug/l	81

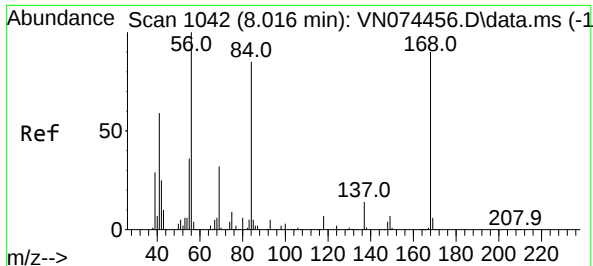
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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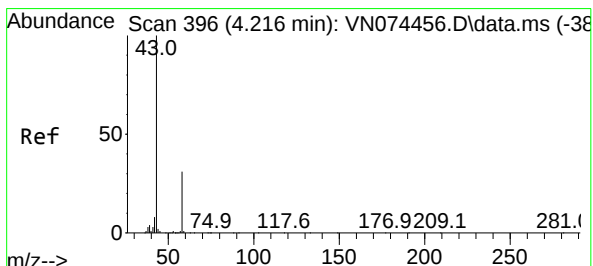
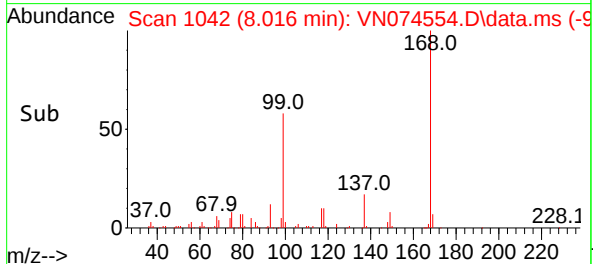
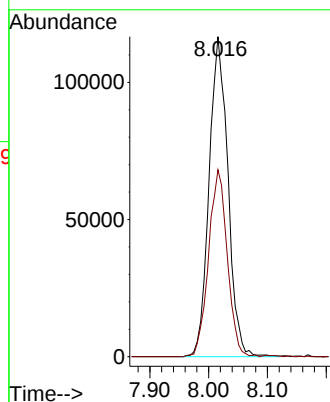
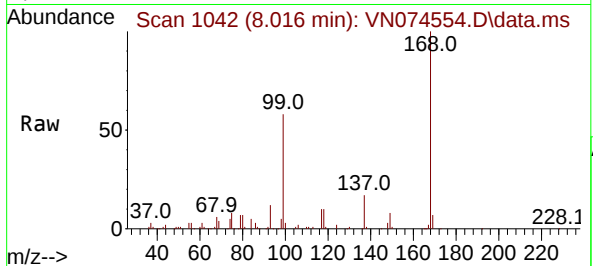




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

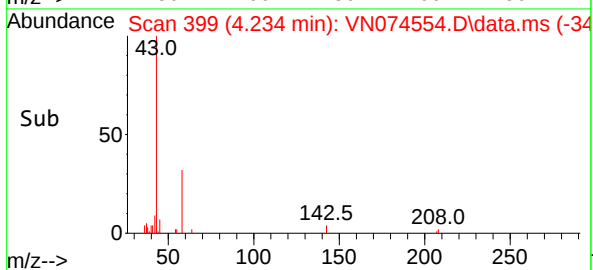
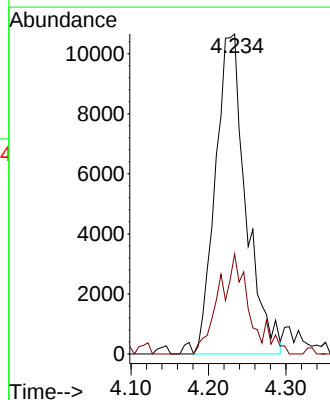
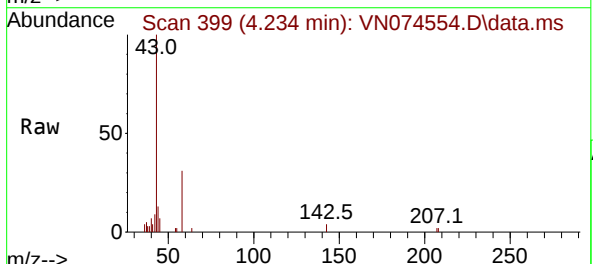
Instrument :
MSVOA_N
ClientSampleId :
N48854-1040

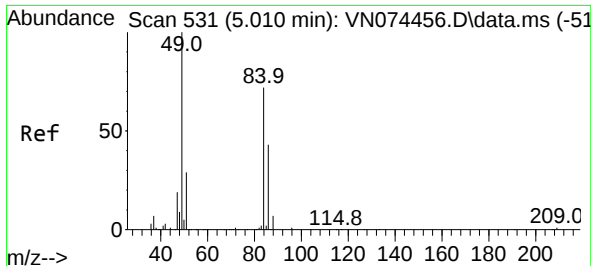
Tgt Ion:168 Resp: 259098
Ion Ratio Lower Upper
168 100
99 58.4 42.3 63.5



#16
Acetone
Concen: 10.458 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.018 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

Tgt Ion: 43 Resp: 29421
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0

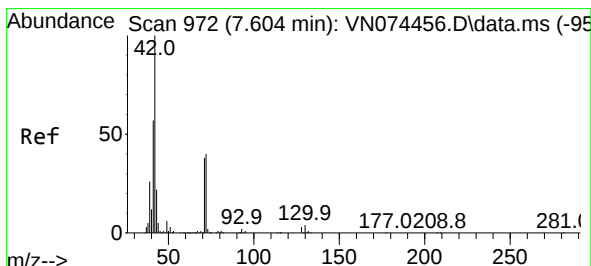
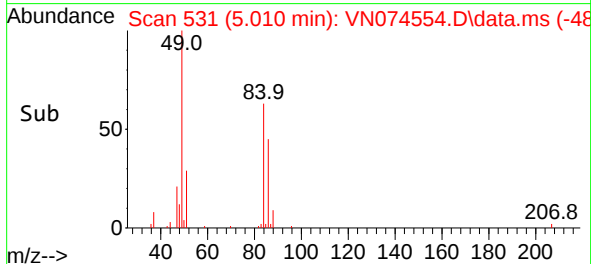
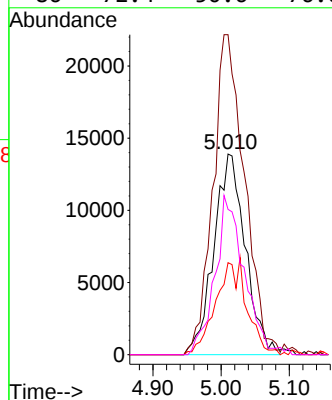
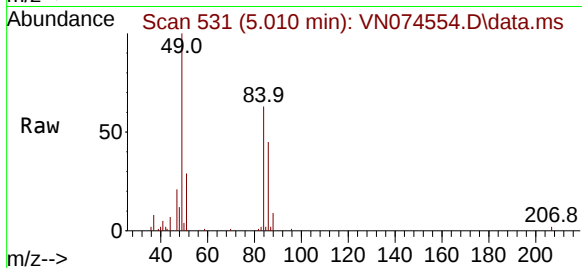




#20
Methylene Chloride
Concen: 10.406 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

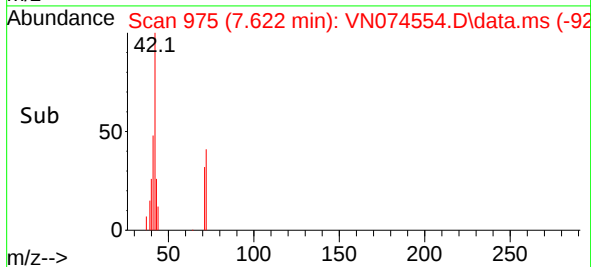
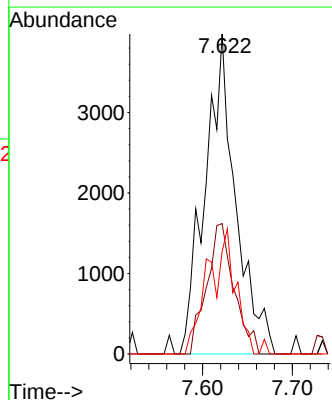
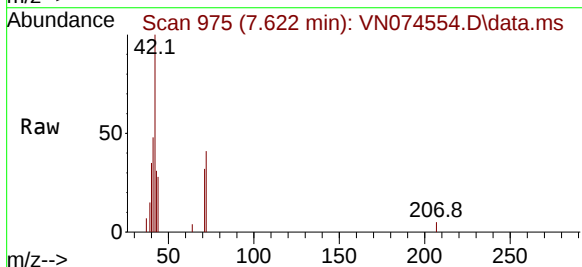
Instrument :
MSVOA_N
ClientSampleId :
N48854-1040

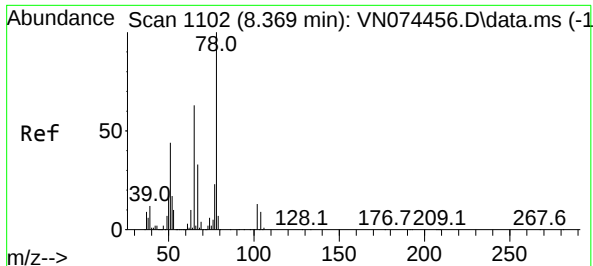
Tgt Ion:	84	Resp:	44587
Ion	Ratio	Lower	Upper
84	100		
49	159.4	88.3	132.5#
51	45.8	28.2	42.2#
86	72.4	50.6	76.0



#29
Tetrahydrofuran
Concen: 3.076 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.018 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

Tgt Ion:	42	Resp:	9445
Ion	Ratio	Lower	Upper
42	100		
72	36.4	39.7	59.5#
71	19.1	36.6	55.0#





#33

1,2-Dichloroethane-d4

Concen: 46.353 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

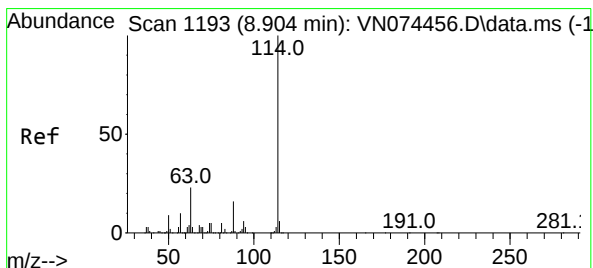
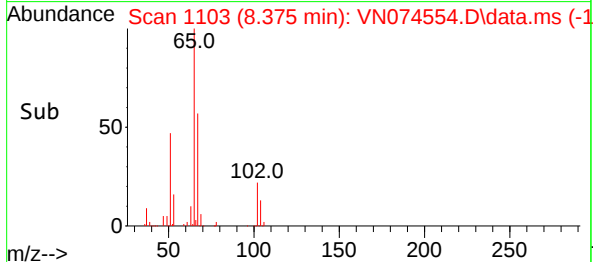
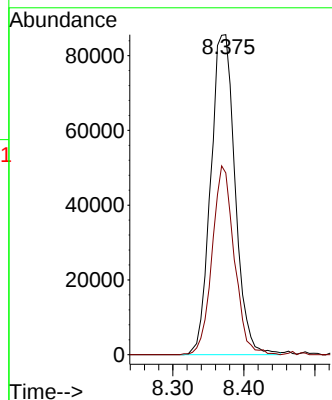
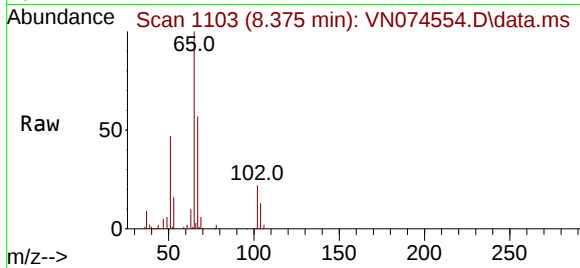
N48854-1040

Tgt Ion: 65 Resp: 203779

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

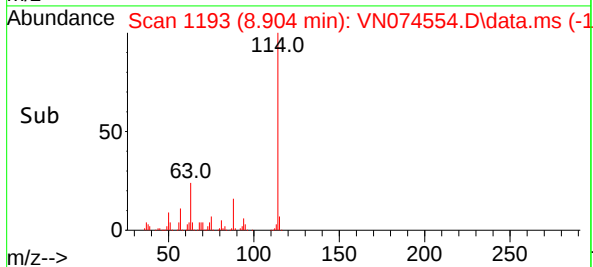
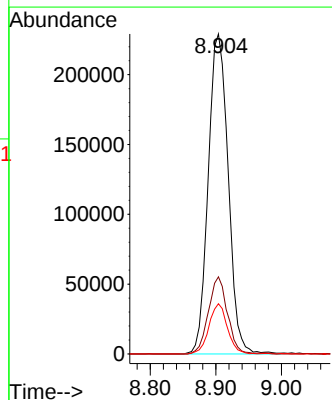
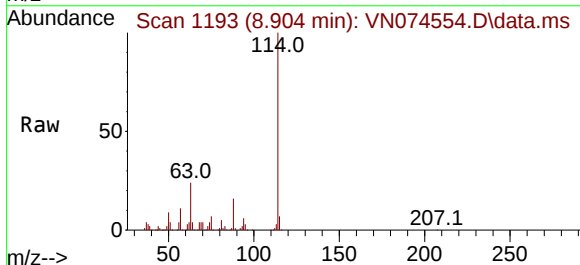
Tgt Ion: 114 Resp: 484912

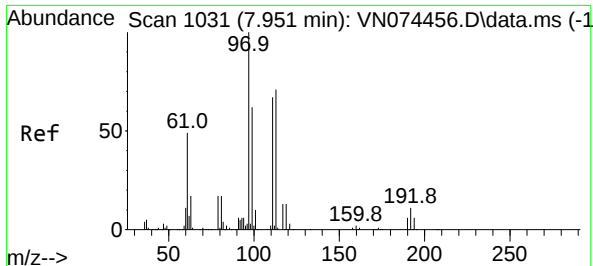
Ion Ratio Lower Upper

114 100

63 24.1 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.644 ug/l

RT: 7.951 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074554.D

Acq: 17 Sep 2022 14:27

Instrument :

MSVOA_N

ClientSampleId :

N48854-1040

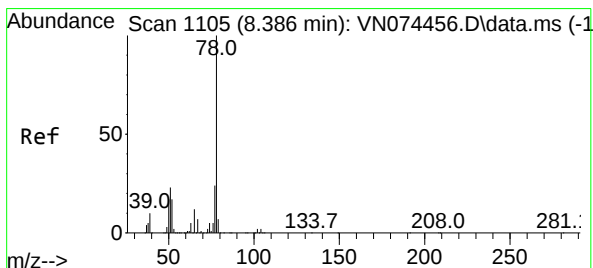
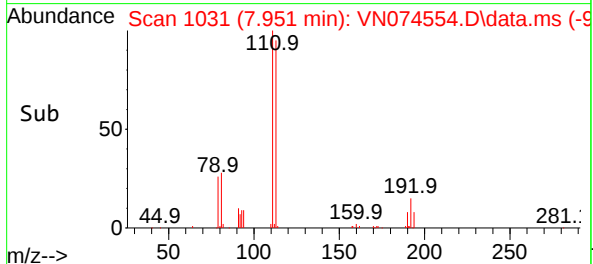
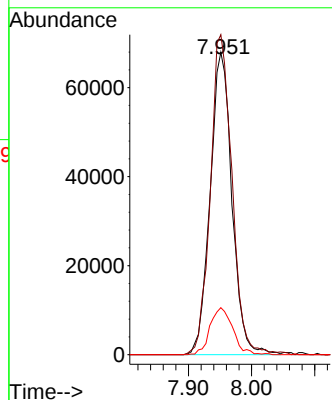
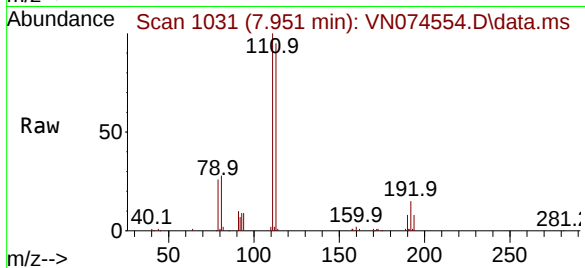
Tgt Ion:113 Resp: 163135

Ion Ratio Lower Upper

113 100

111 105.1 81.4 122.0

192 16.3 17.0 25.6#



#40

Benzene

Concen: 0.378 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074554.D

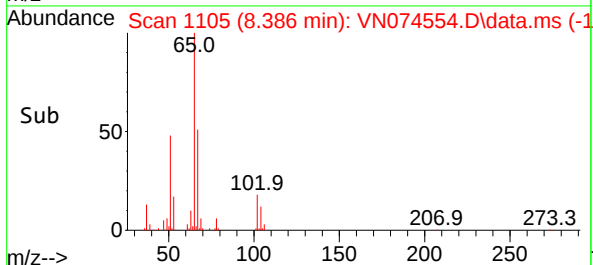
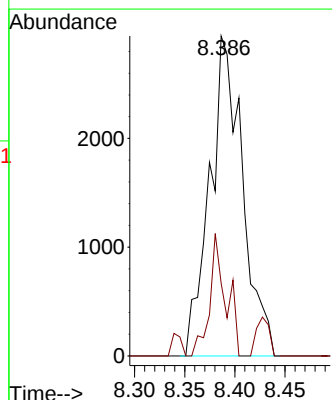
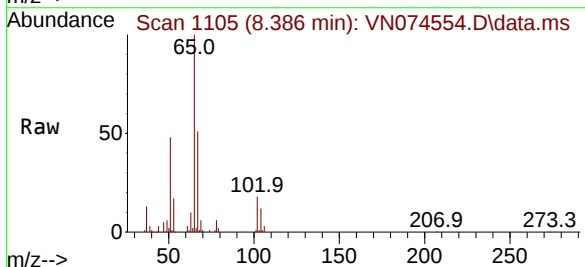
Acq: 17 Sep 2022 14:27

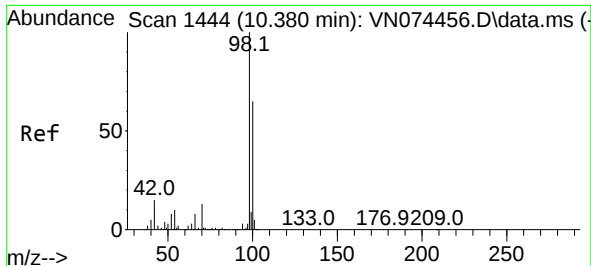
Tgt Ion: 78 Resp: 6666

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0

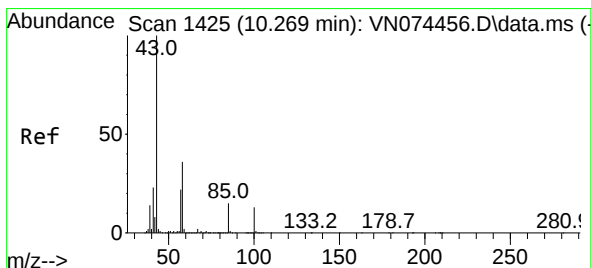
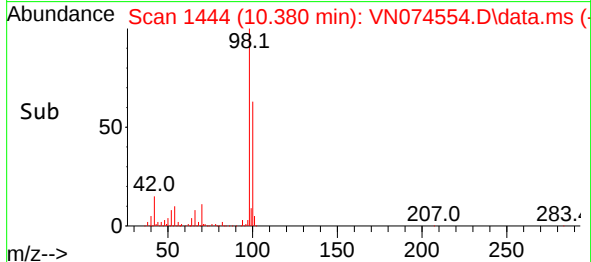
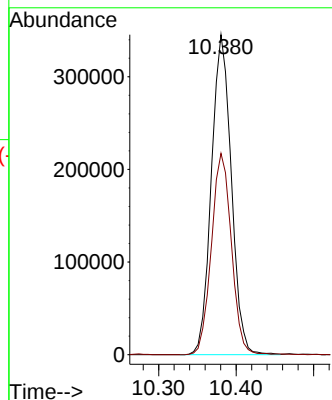
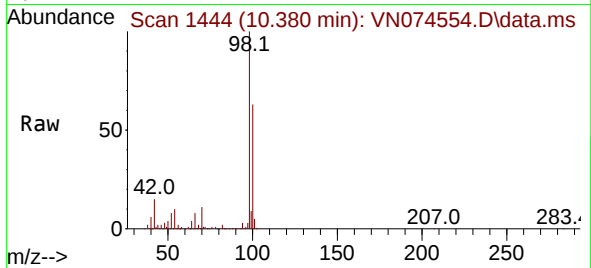




#50
Toluene-d8
Concen: 49.473 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

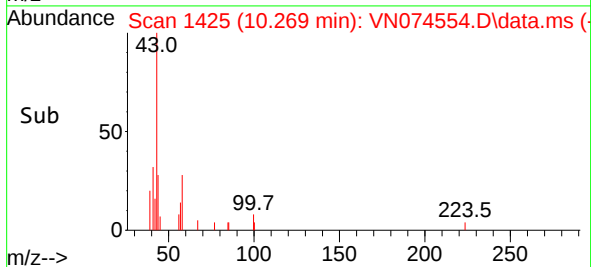
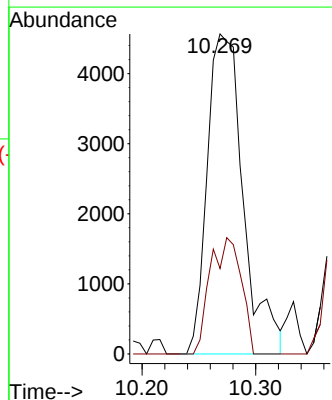
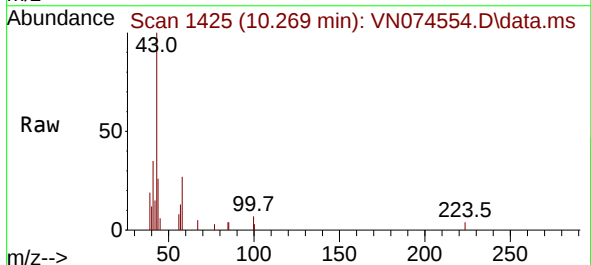
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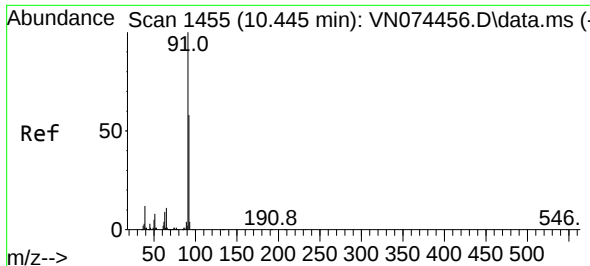
Tgt Ion: 98 Resp: 616306
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.118 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

Tgt Ion: 43 Resp: 10073
Ion Ratio Lower Upper
43 100
58 31.3 34.1 51.1#

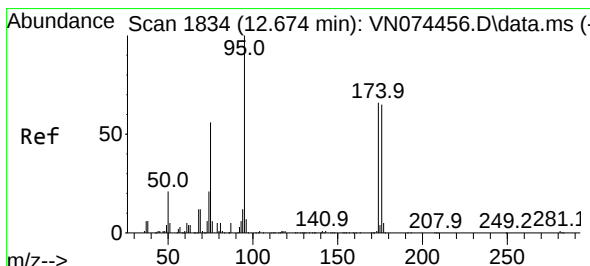
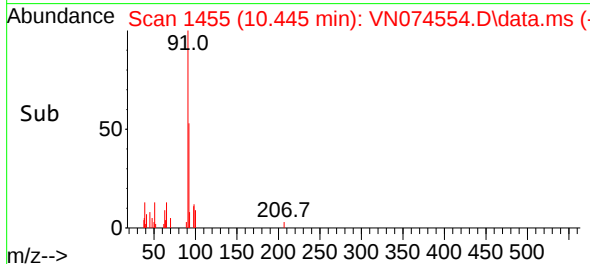
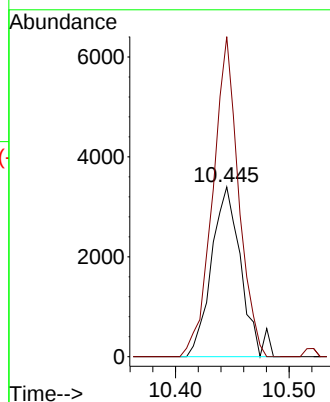
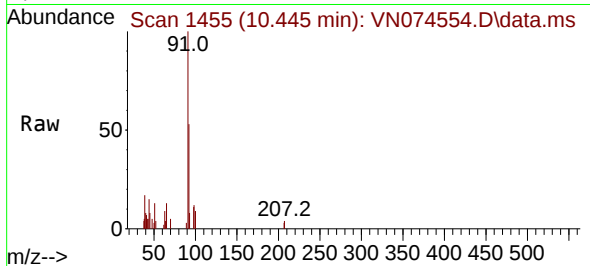




#52
Toluene
Concen: 0.593 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

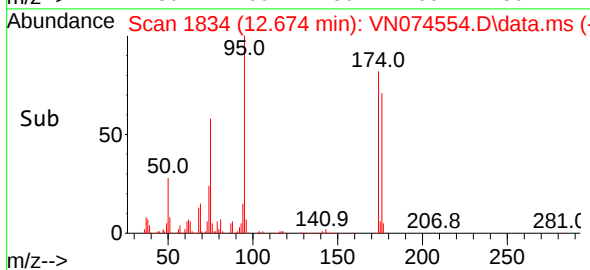
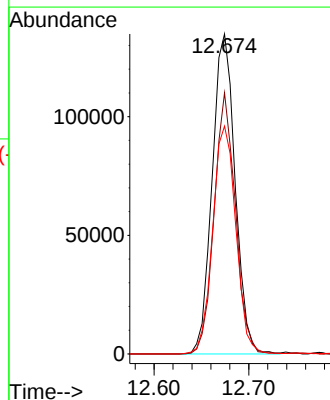
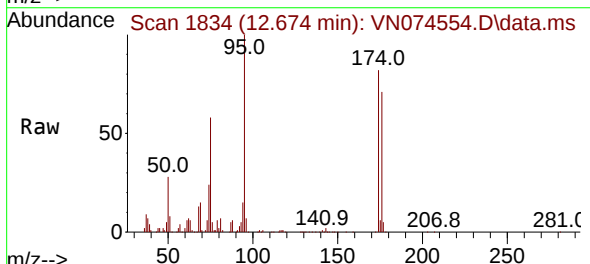
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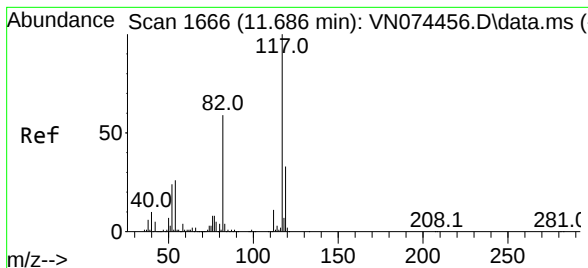
Tgt Ion: 92 Resp: 6135
Ion Ratio Lower Upper
92 100
91 165.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 53.038 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

Tgt Ion: 95 Resp: 226295
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 72.1 0.0 163.4

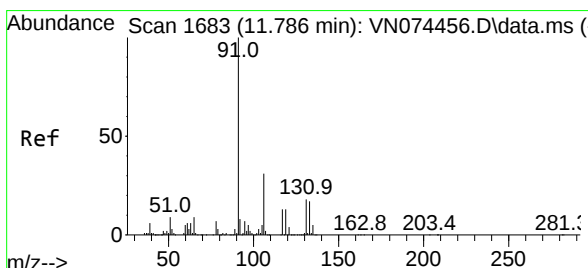
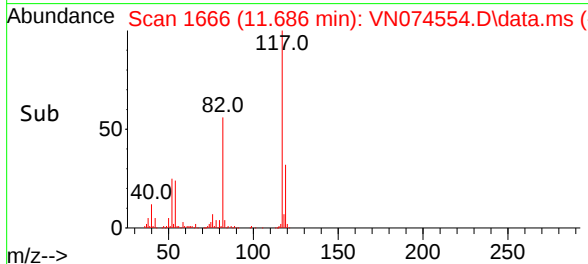
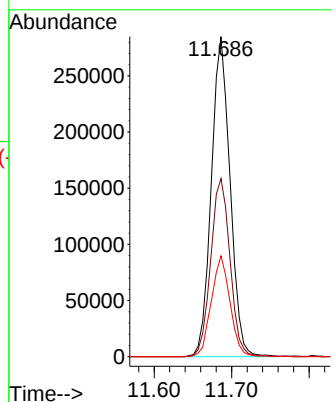
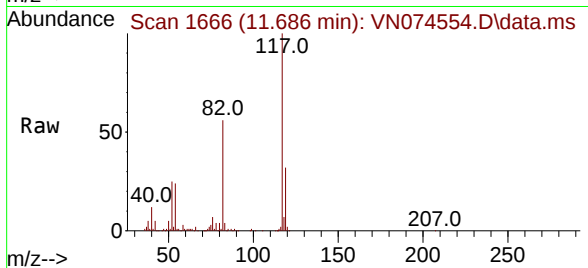




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

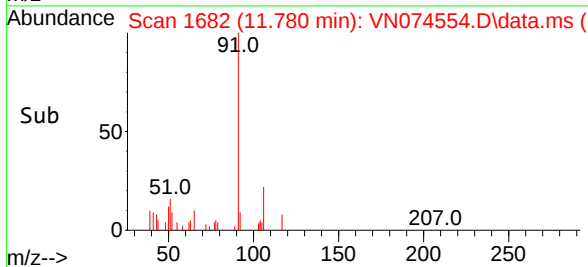
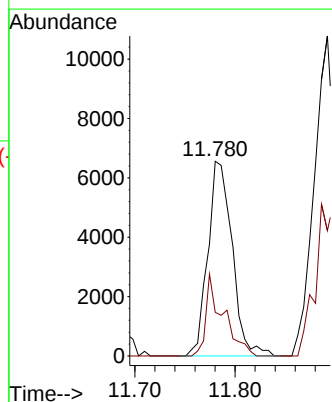
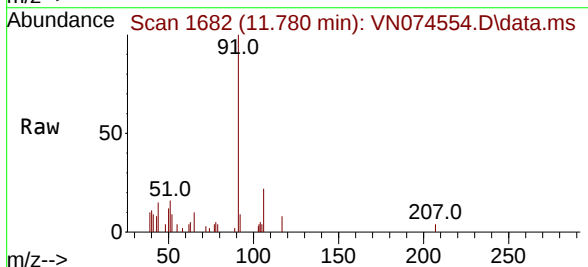
Instrument :
MSVOA_N
ClientSampleId :
N48854-1040

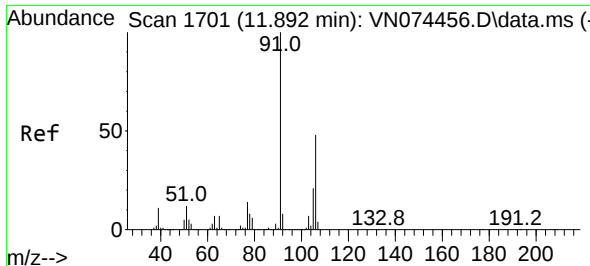
Tgt Ion:117 Resp: 479022
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 31.5 25.4 38.0



#67
Ethyl Benzene
Concen: 0.502 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

Tgt Ion: 91 Resp: 11073
Ion Ratio Lower Upper
91 100
106 22.4 24.9 37.3#

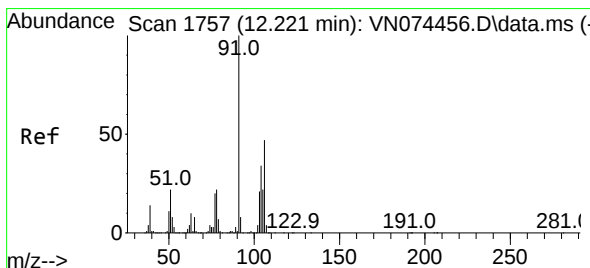
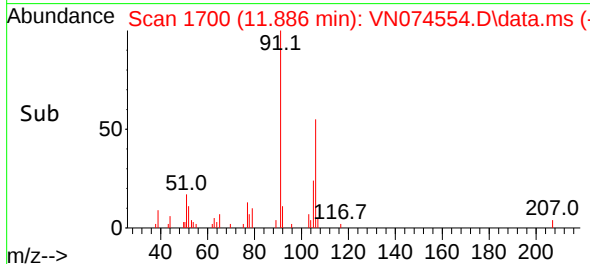
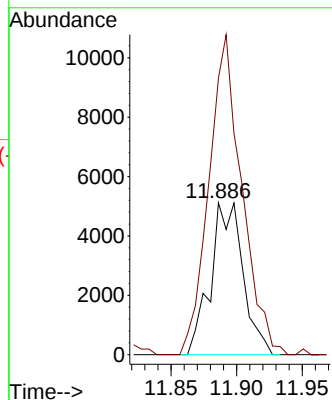
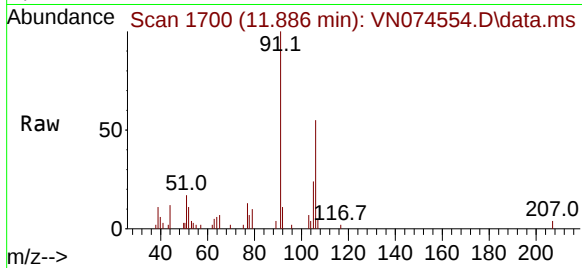




#68
m/p-Xylenes
Concen: 1.075 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

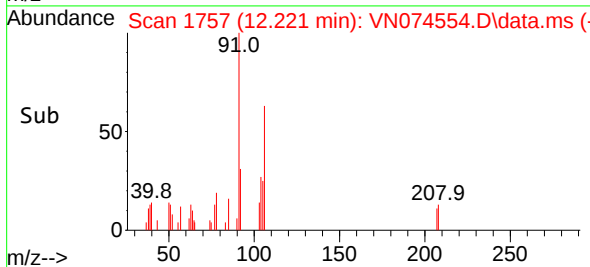
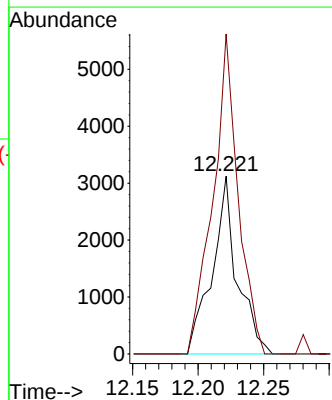
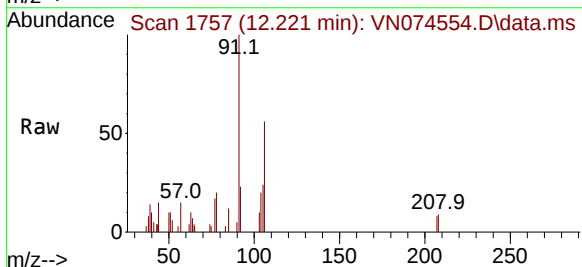
Instrument :
MSVOA_N
ClientSampleId :
N48854-1040

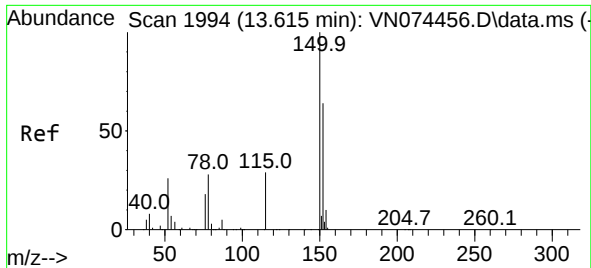
Tgt Ion:106 Resp: 8777
Ion Ratio Lower Upper
106 100
91 214.8 158.9 238.3



#69
o-Xylene
Concen: 0.497 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074554.D
Acq: 17 Sep 2022 14:27

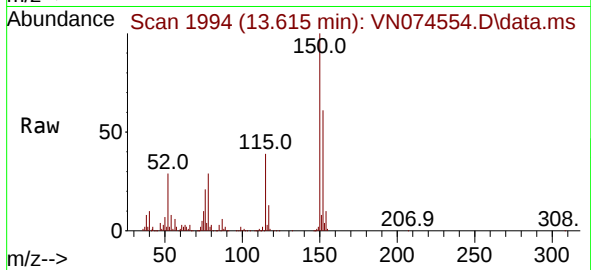
Tgt Ion:106 Resp: 4134
Ion Ratio Lower Upper
106 100
91 182.0 106.0 318.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074554.D
 Acq: 17 Sep 2022 14:27

Instrument :
 MSVOA_N
 ClientSampleId :
 N48854-1040



Tgt Ion:152 Resp: 213362

Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.9	86.7
150	161.1	0.0	356.2

