

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074439.D
 Acq On : 13 Sep 2022 17:41
 Operator : JC\MD
 Sample : N4492-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122

Quant Time: Sep 14 08:03:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

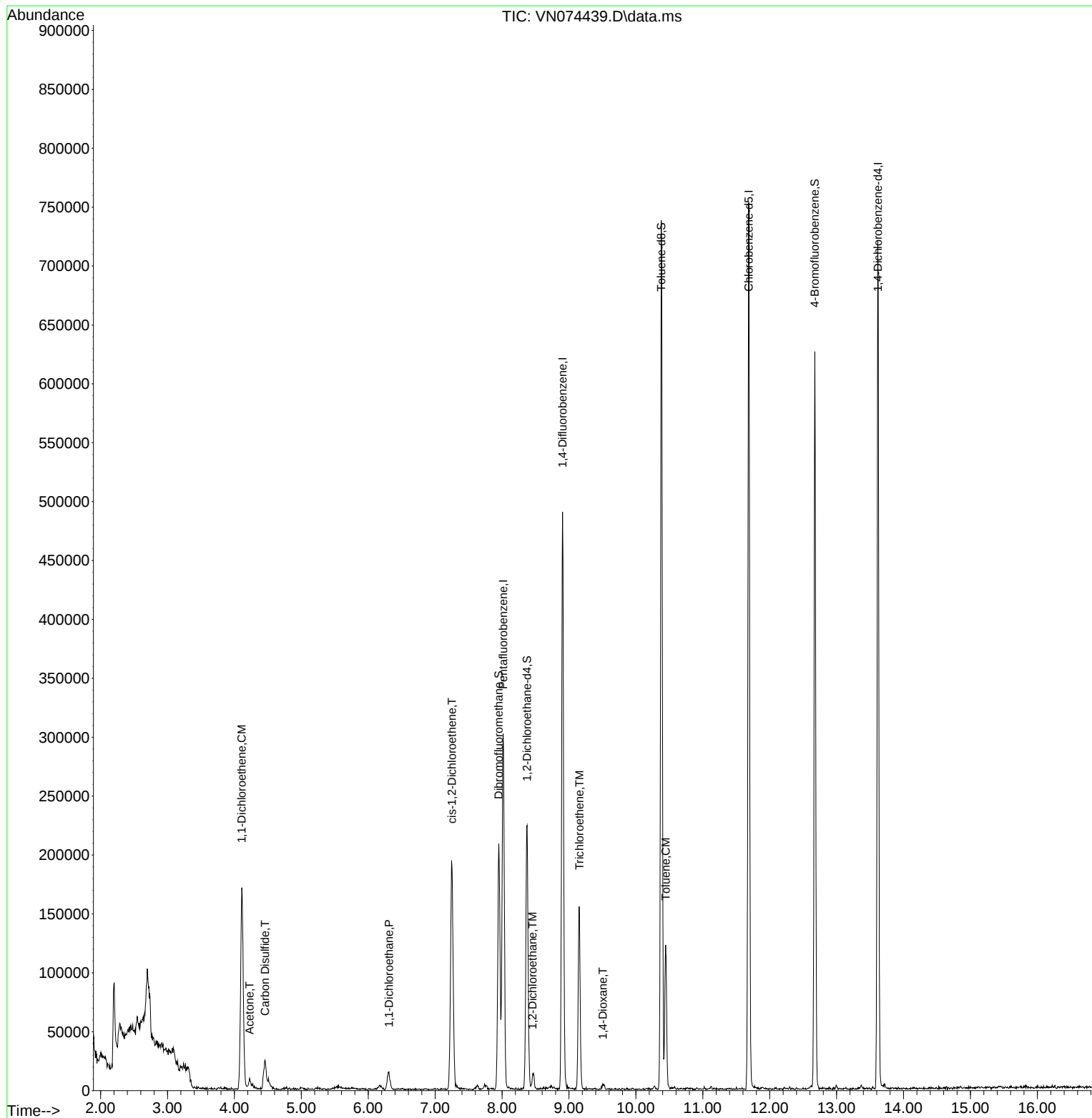
Internal Standards						
1) Pentafluorobenzene	8.016	168	201378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	389220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	367264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	165275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	178743	51.302	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.600%		
35) Dibromofluoromethane	7.951	113	134447	51.167	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.340%		
50) Toluene-d8	10.380	98	468814	45.790	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 91.580%		
62) 4-Bromofluorobenzene	12.674	95	175562	47.230	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.460%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.110	96	86755	34.559	ug/l	90
16) Acetone	4.228	43	11700	6.220	ug/l #	88
17) Carbon Disulfide	4.457	76	46271	6.782	ug/l #	95
24) 1,1-Dichloroethane	6.310	63	18953	3.327	ug/l #	94
27) cis-1,2-Dichloroethene	7.251	96	103601	29.894	ug/l	91
42) 1,2-Dichloroethane	8.457	62	9990	1.972	ug/l	99
44) Trichloroethene	9.157	130	47336	15.931	ug/l	98
49) 1,4-Dioxane	9.504	88	3506	36.760	ug/l #	86
52) Toluene	10.445	92	48910	5.967	ug/l	99

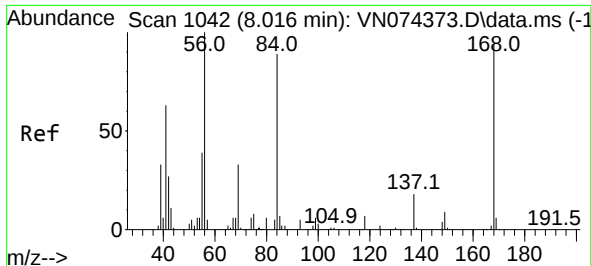
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 10 06:10:29 2022
Response via : Initial Calibration

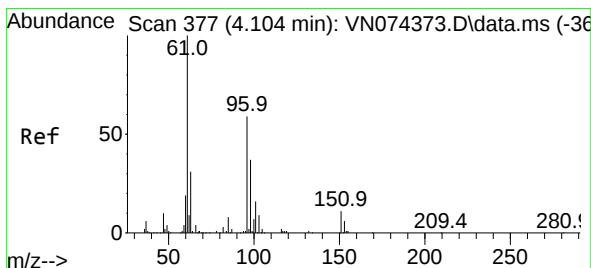
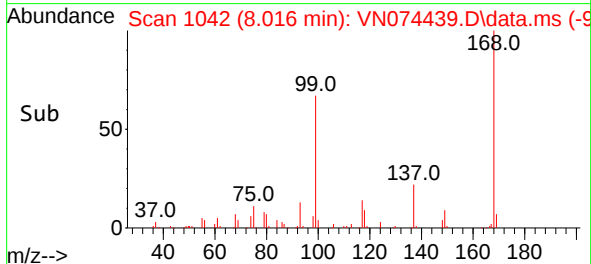
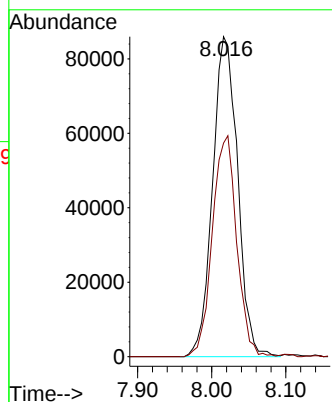
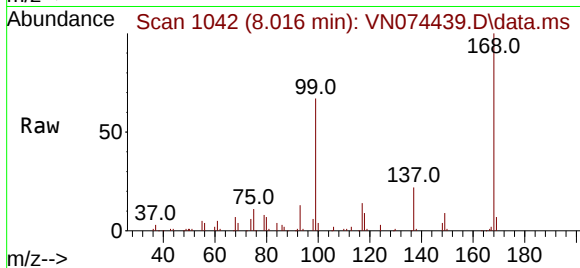




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

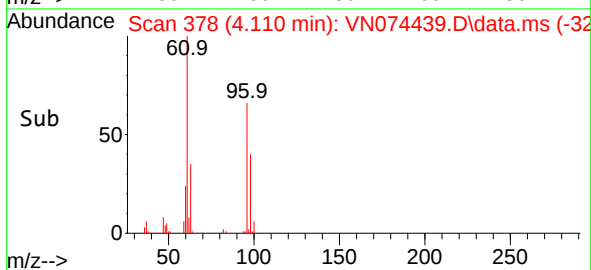
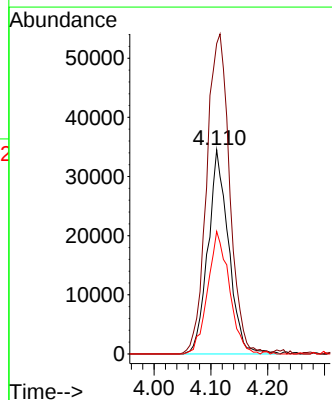
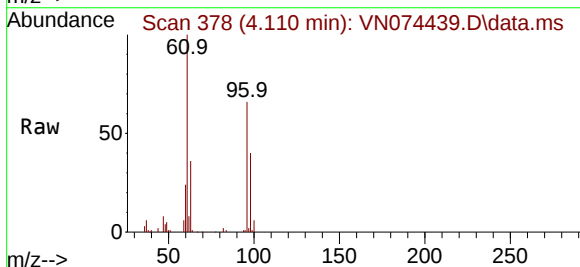
Instrument :
MSVOA_N
ClientSampleId :
BR-03D-479.5-499.5-090122

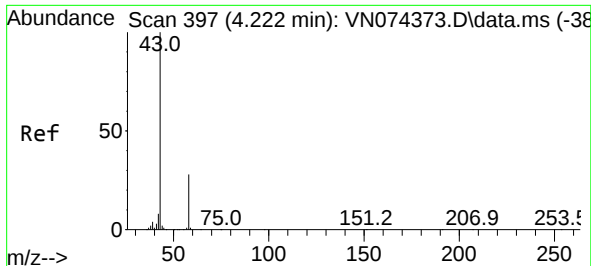
Tgt Ion:168 Resp: 201378
Ion Ratio Lower Upper
168 100
99 66.7 52.8 79.2



#12
1,1-Dichloroethene
Concen: 34.559 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

Tgt Ion: 96 Resp: 86755
Ion Ratio Lower Upper
96 100
61 152.0 134.7 202.1
98 60.1 50.2 75.4

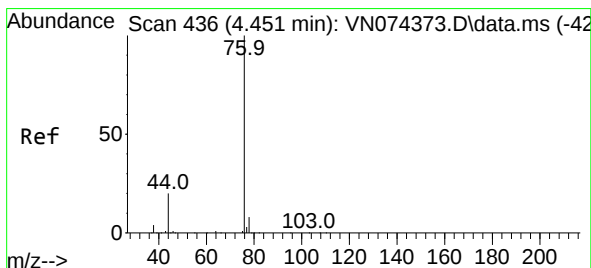
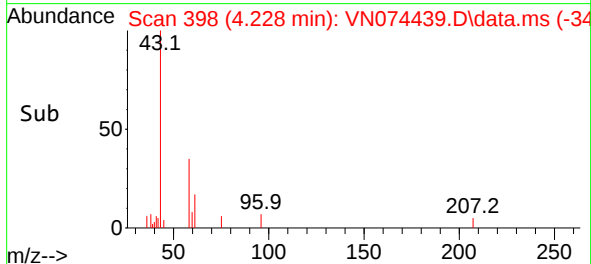
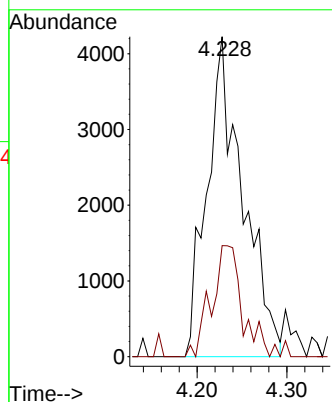
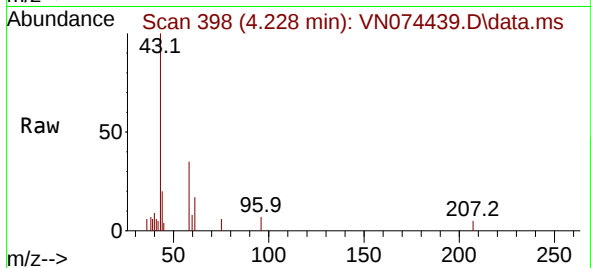




#16
Acetone
Concen: 6.220 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

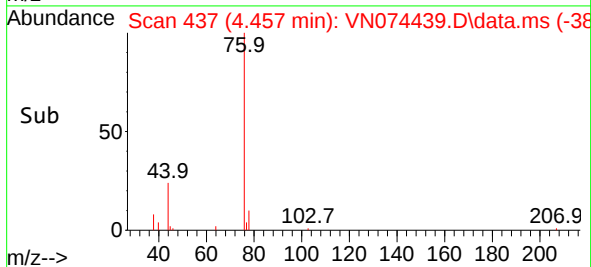
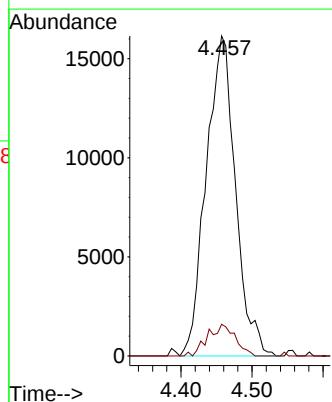
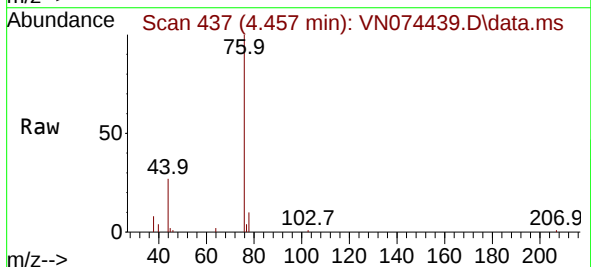
Instrument :
MSVOA_N
ClientSampleId :
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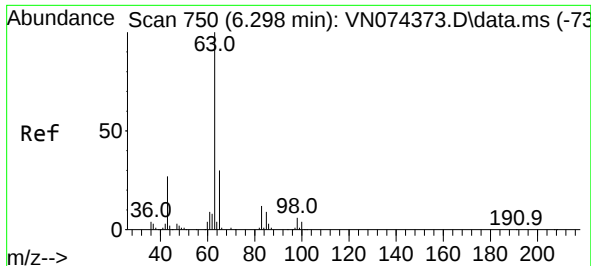
Tgt Ion: 43 Resp: 11700
Ion Ratio Lower Upper
43 100
58 34.7 22.7 34.1#



#17
Carbon Disulfide
Concen: 6.782 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.006 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

Tgt Ion: 76 Resp: 46271
Ion Ratio Lower Upper
76 100
78 9.9 6.5 9.7#

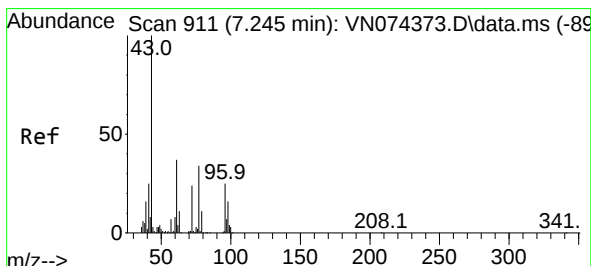
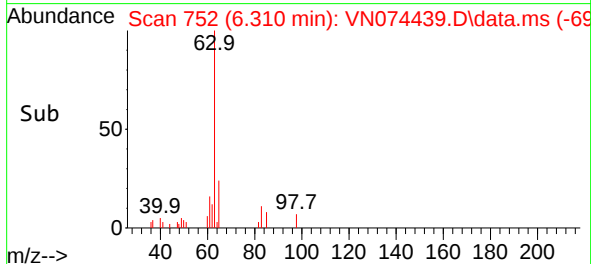
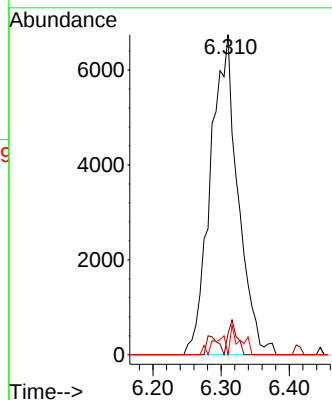
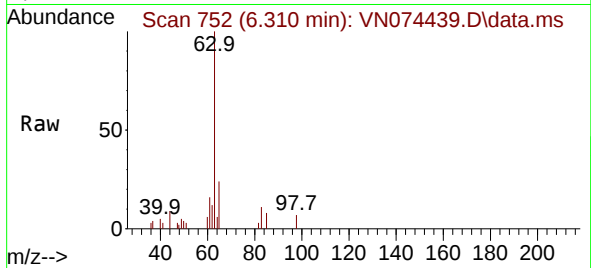




#24
 1,1-Dichloroethane
 Concen: 3.327 ug/l
 RT: 6.310 min Scan# 71
 Delta R.T. 0.012 min
 Lab File: VN074439.D
 Acq: 13 Sep 2022 17:41

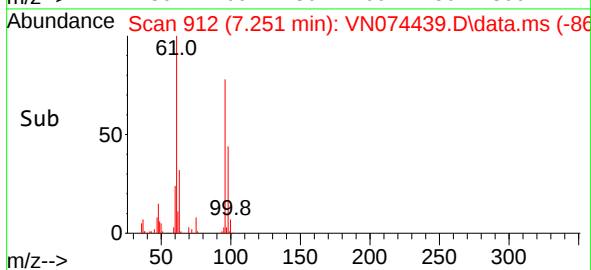
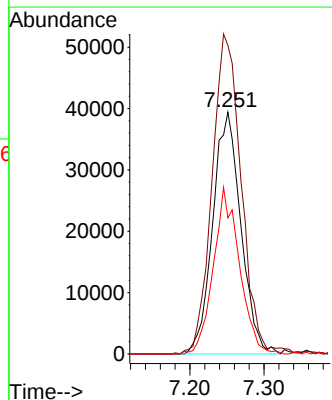
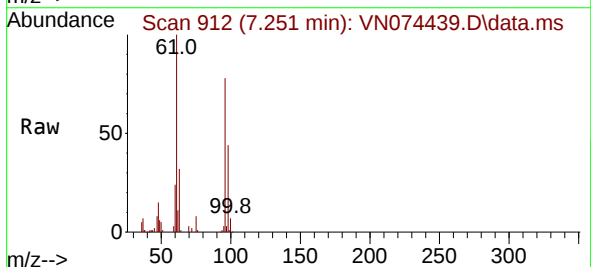
Instrument :
 MSVOA_N
 ClientSampleId :
 BR-03D-479.5-499.5-090122

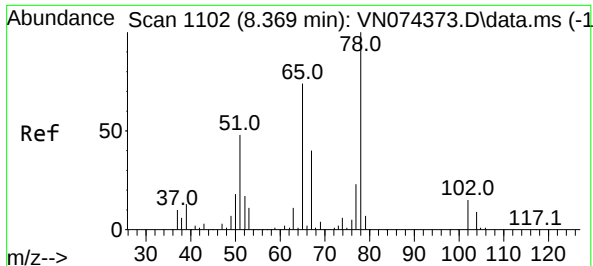
Tgt Ion: 63 Resp: 18953
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.6
 100 0.0 2.0 5.8#



#27
 cis-1,2-Dichloroethene
 Concen: 29.894 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.006 min
 Lab File: VN074439.D
 Acq: 13 Sep 2022 17:41

Tgt Ion: 96 Resp: 103601
 Ion Ratio Lower Upper
 96 100
 61 137.6 0.0 306.2
 98 63.9 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 51.302 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074439.D

Acq: 13 Sep 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

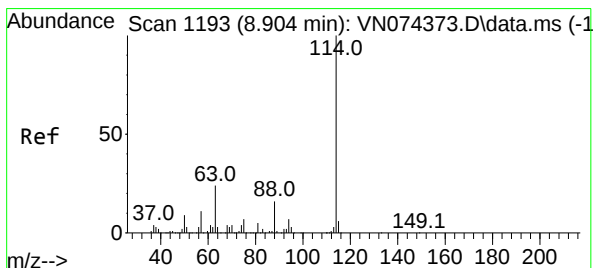
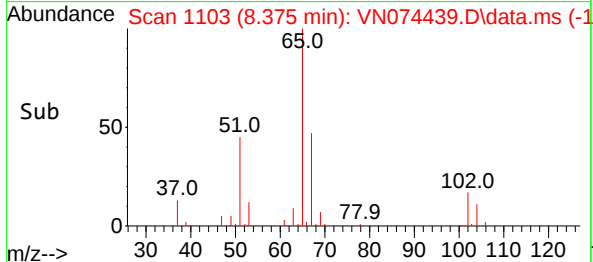
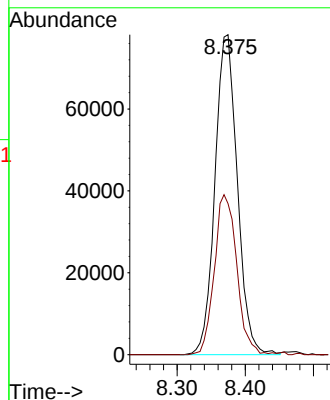
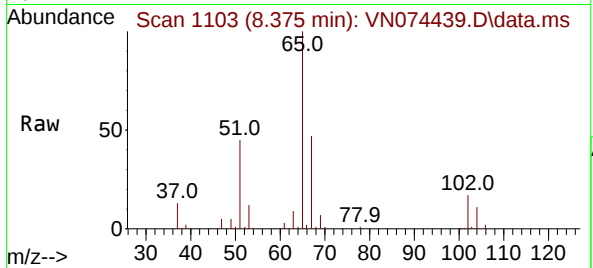
BR-03D-479.5-499.5-090122

Tgt Ion: 65 Resp: 178743

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074439.D

Acq: 13 Sep 2022 17:41

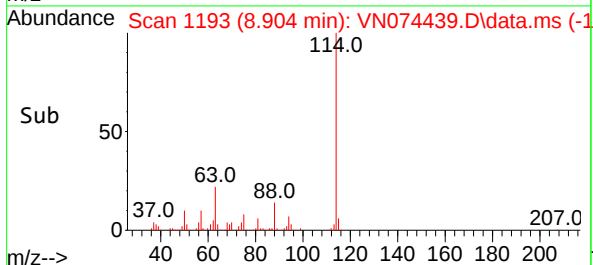
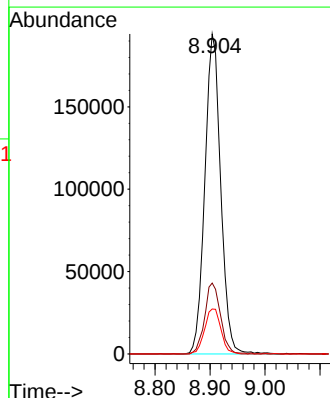
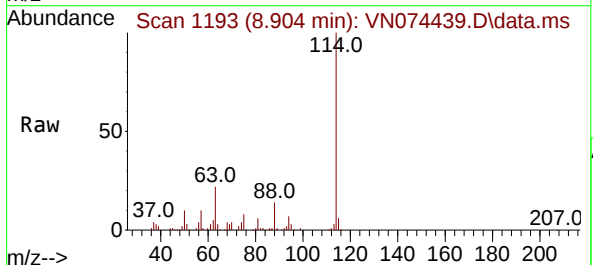
Tgt Ion: 114 Resp: 389220

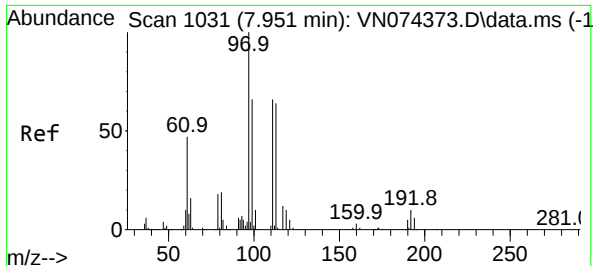
Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.6

88 14.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.167 ug/l

RT: 7.951 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN074439.D

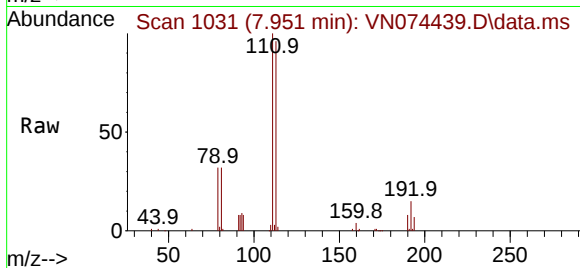
Acq: 13 Sep 2022 17:41

Instrument :

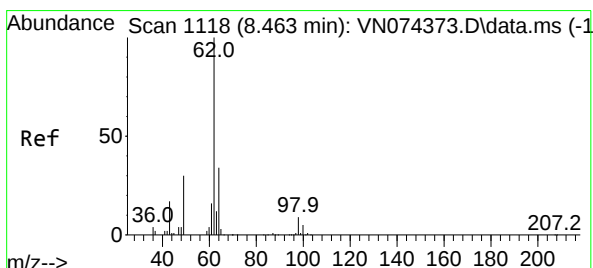
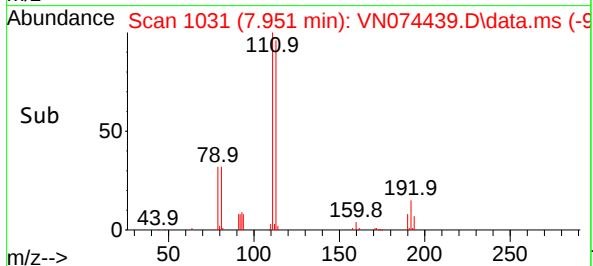
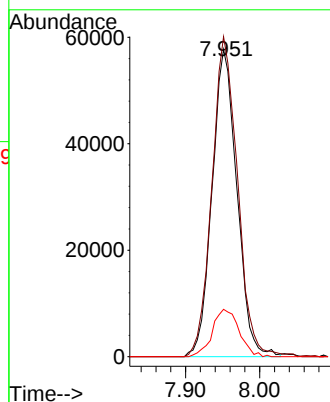
MSVOA_N

ClientSampleId :

BR-03D-479.5-499.5-090122



Tgt Ion:	113	Resp:	134447
Ion	Ratio	Lower	Upper
113	100		
111	107.1	83.0	124.4
192	16.6	13.7	20.5



#42

1,2-Dichloroethane

Concen: 1.972 ug/l

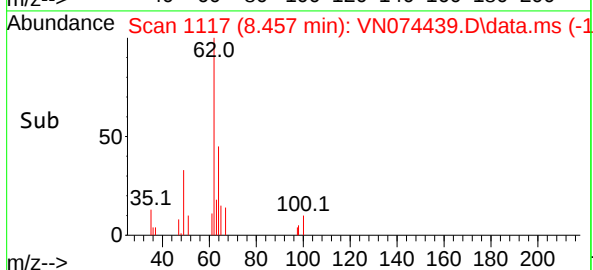
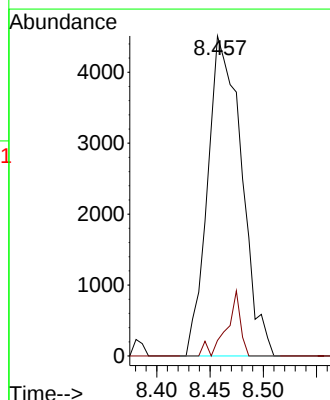
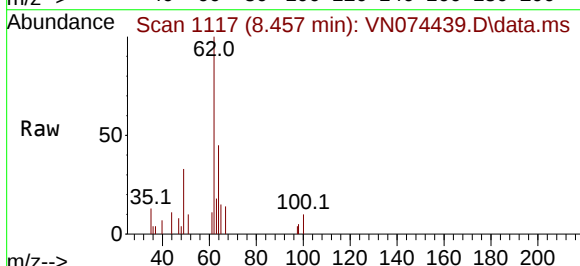
RT: 8.457 min Scan# 1117

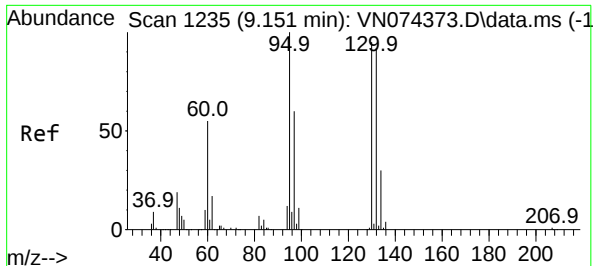
Delta R.T. -0.006 min

Lab File: VN074439.D

Acq: 13 Sep 2022 17:41

Tgt Ion:	62	Resp:	9990
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6

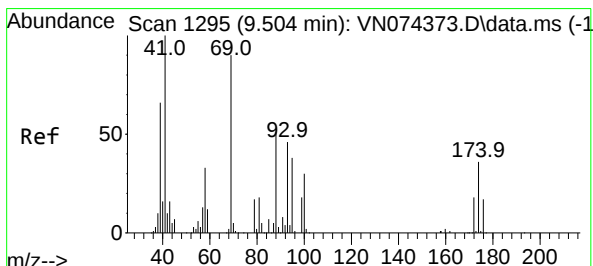
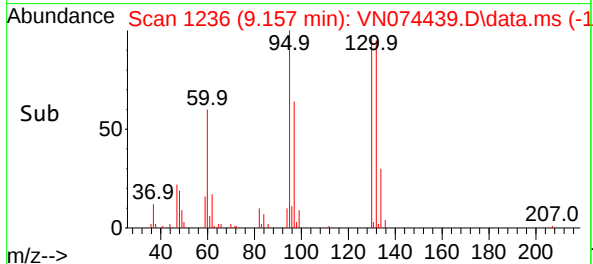
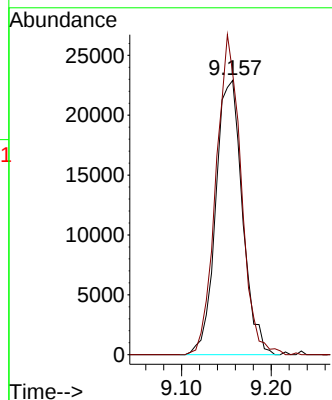
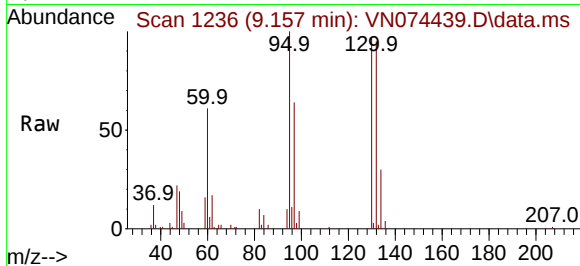




#44
Trichloroethene
Concen: 15.931 ug/l
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

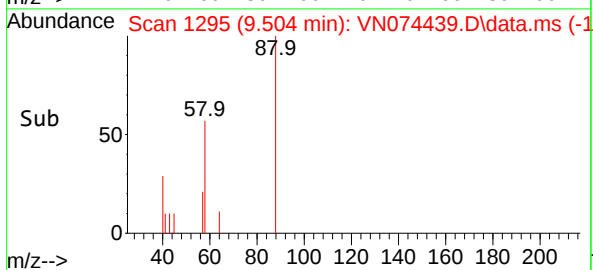
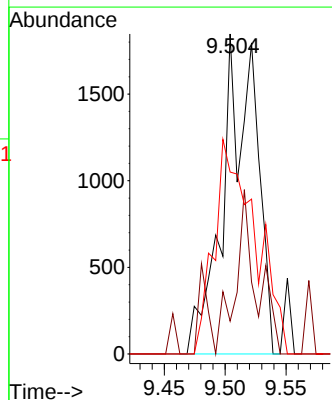
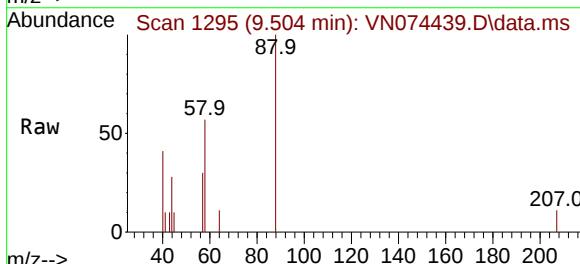
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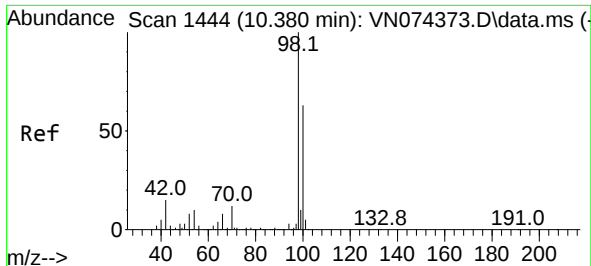
Tgt Ion:130 Resp: 47336
Ion Ratio Lower Upper
130 100
95 102.6 0.0 210.0



#49
1,4-Dioxane
Concen: 36.760 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

Tgt Ion: 88 Resp: 3506
Ion Ratio Lower Upper
88 100
43 32.7 26.9 40.3
58 82.3 52.7 79.1#

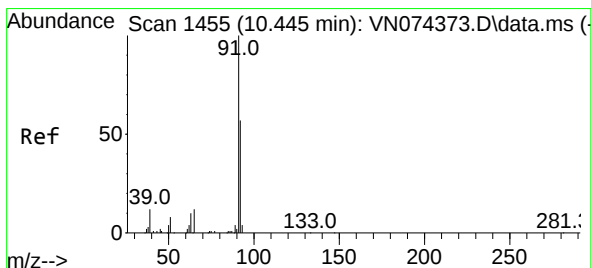
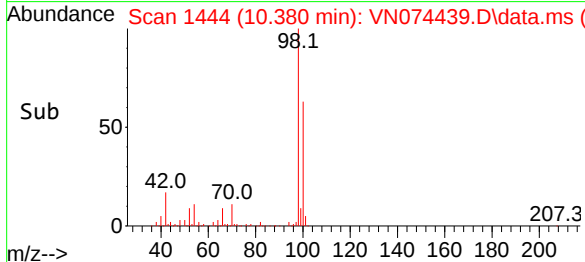
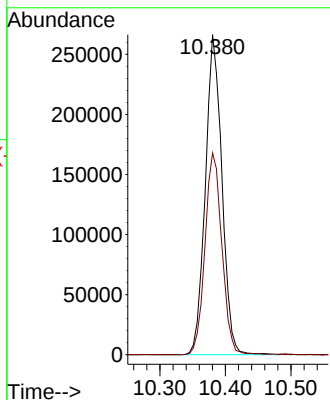
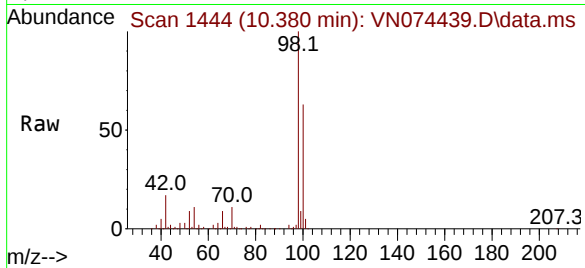




#50
Toluene-d8
Concen: 45.790 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

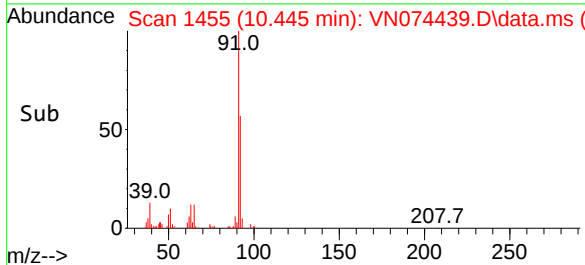
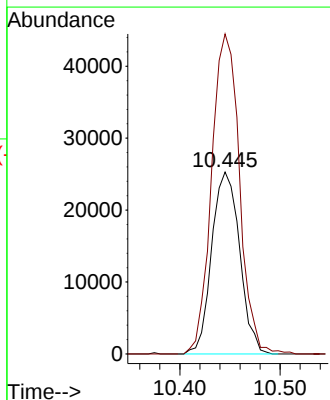
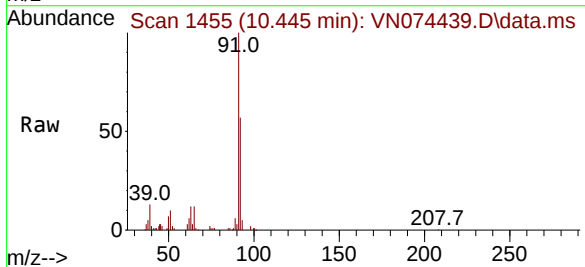
Instrument :
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BR-03D-479.5-499.5-090122

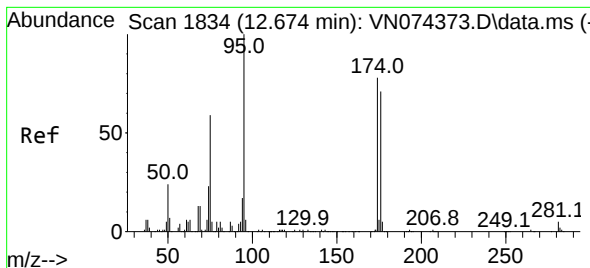
Tgt Ion: 98 Resp: 468814
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0



#52
Toluene
Concen: 5.967 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

Tgt Ion: 92 Resp: 48910
Ion Ratio Lower Upper
92 100
91 175.9 139.8 209.6

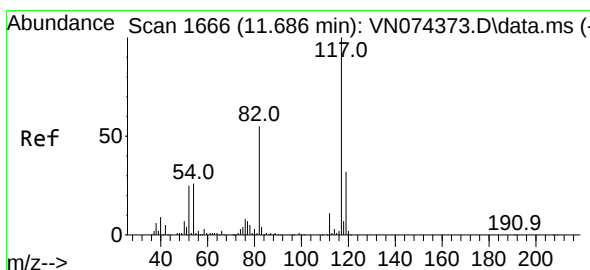
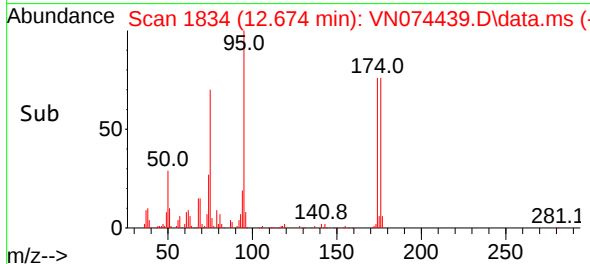
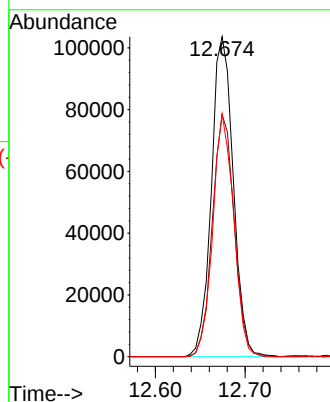
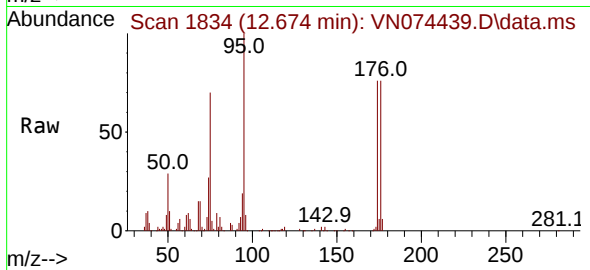




#62
4-Bromofluorobenzene
Concen: 47.230 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

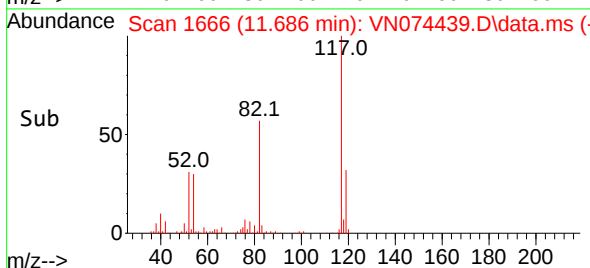
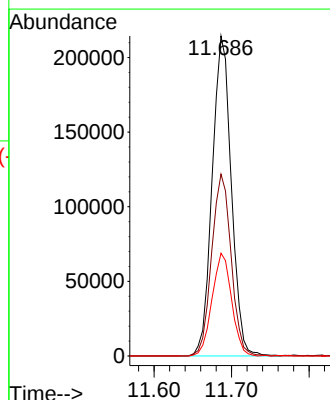
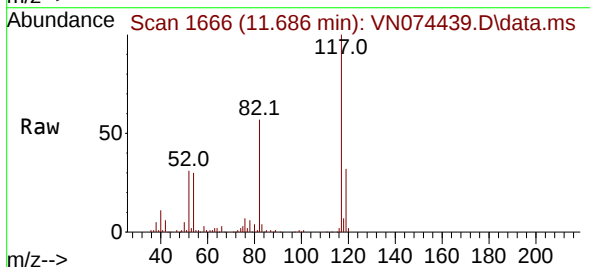
Instrument :
MSVOA_N
ClientSampleId :
BR-03D-479.5-499.5-090122

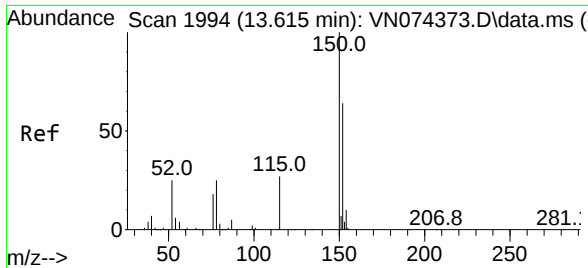
Tgt Ion: 95 Resp: 175562
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.6
176 72.7 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074439.D
Acq: 13 Sep 2022 17:41

Tgt Ion: 117 Resp: 367264
Ion Ratio Lower Upper
117 100
82 56.8 44.3 66.5
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074439.D
 Acq: 13 Sep 2022 17:41

Instrument : MSVOA_N
 ClientSampleId : BR-03D-479.5-499.5-090122

Tgt Ion:152	Resp:	165275
Ion	Ratio	Lower Upper
152	100	
115	60.8	32.0 96.0
150	154.6	0.0 359.6

