

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073379.D
 Acq On : 07 Jul 2022 18:24
 Operator : JC\MD
 Sample : N3586-04DL 100X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31457DL

Quant Time: Jul 08 03:03:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

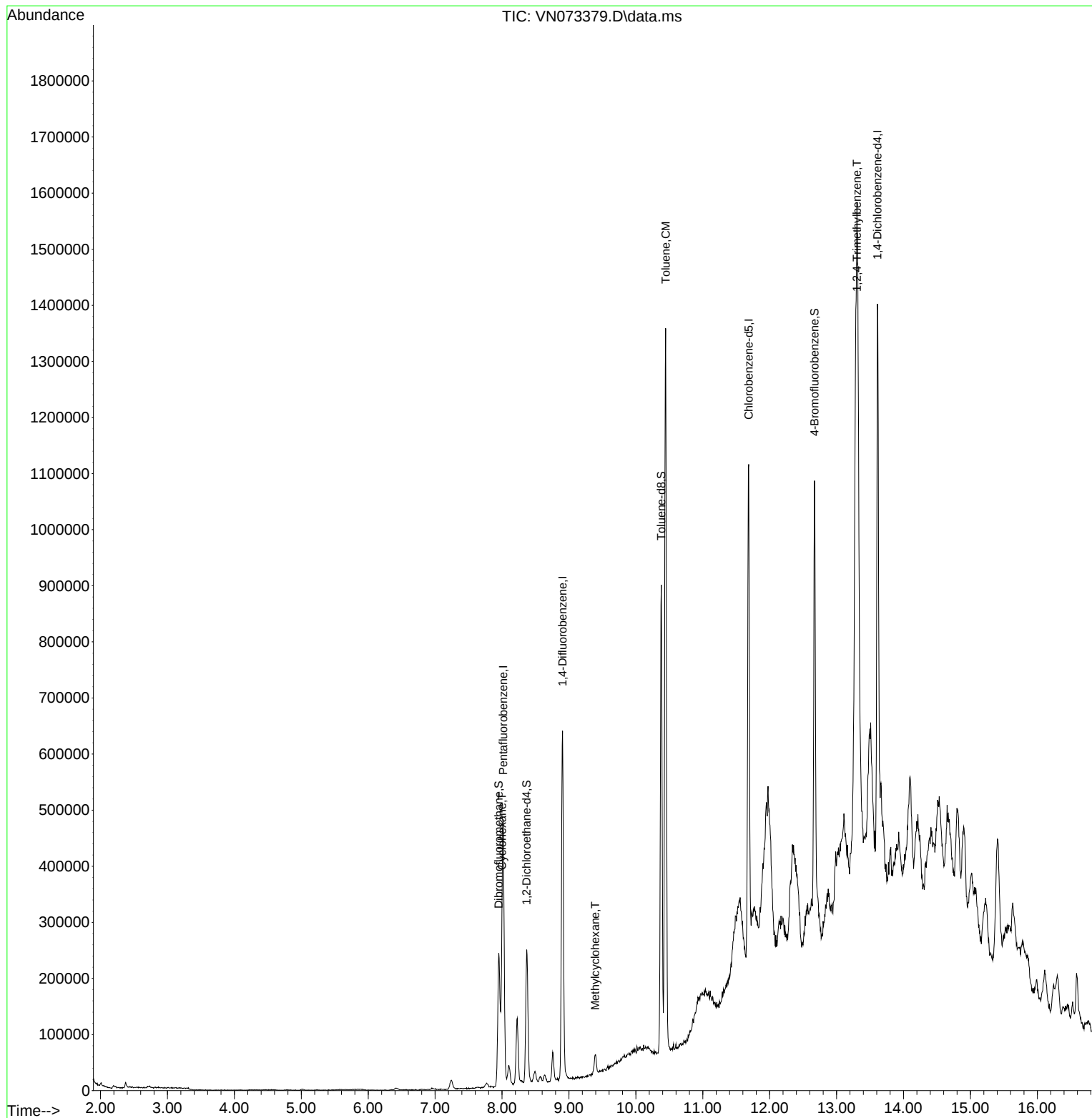
Internal Standards						
1) Pentafluorobenzene	8.016	168	331741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	552867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	501259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	257732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	203275	42.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.900%
35) Dibromofluoromethane	7.951	113	172717	46.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	10.381	98	586289	44.878	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.760%
62) 4-Bromofluorobenzene	12.669	95	264207	52.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.260%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.998	56	24619	3.139	ug/l #	56
39) Methylcyclohexane	9.392	83	17797	2.526	ug/l	93
52) Toluene	10.445	92	565517	52.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	64679	3.571	ug/l #	51

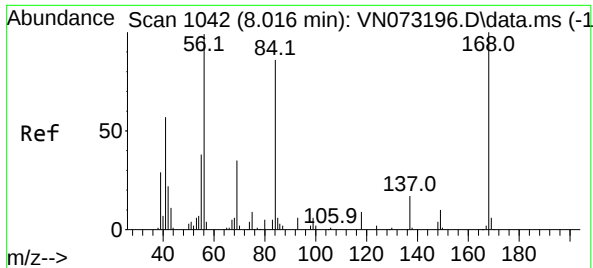
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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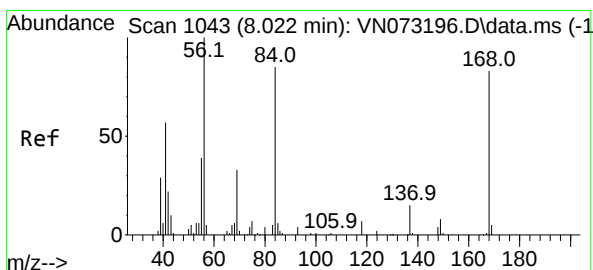
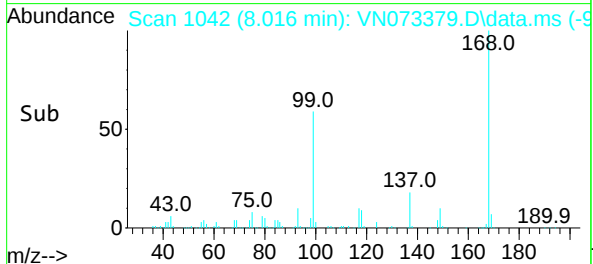
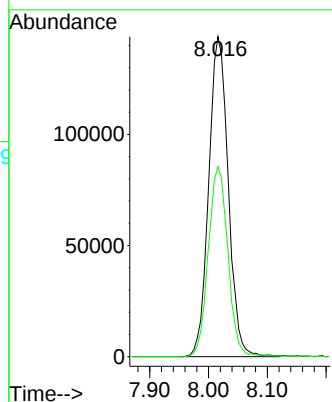
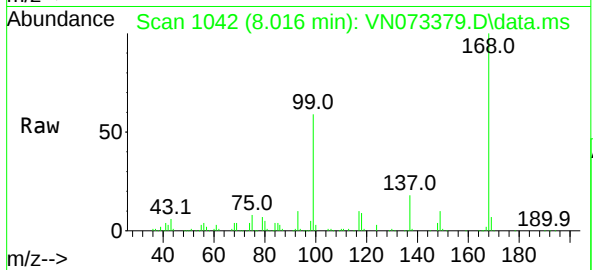




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VN073379.D
Acq: 07 Jul 2022 18:24

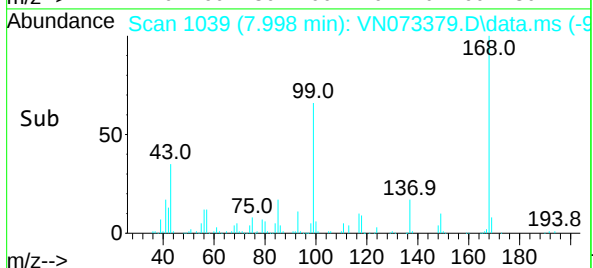
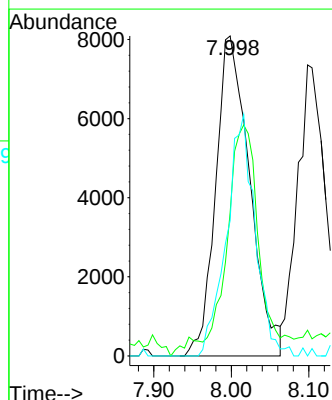
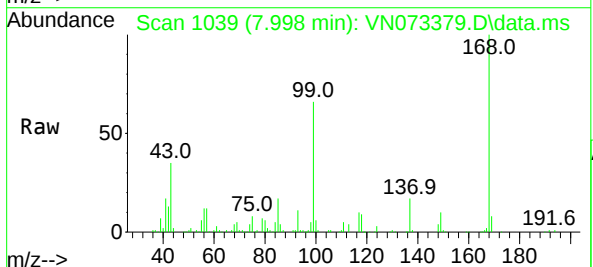
Instrument :
MSVOA_N
ClientSampleId :
31457DL

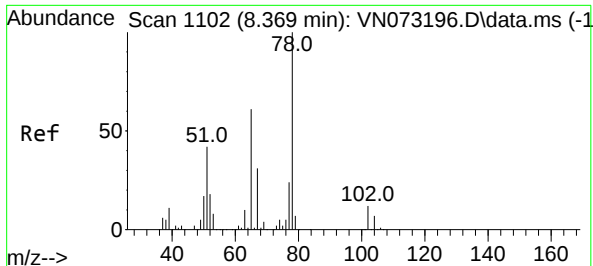
Tgt Ion:168 Resp: 331741
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#31
Cyclohexane
Concen: 3.139 ug/l
RT: 7.998 min Scan# 1039
Delta R.T. -0.024 min
Lab File: VN073379.D
Acq: 07 Jul 2022 18:24

Tgt Ion: 56 Resp: 24619
Ion Ratio Lower Upper
56 100
69 41.6 27.8 41.8
84 42.3 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.446 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073379.D

Acq: 07 Jul 2022 18:24

Instrument :

MSVOA_N

ClientSampleId :

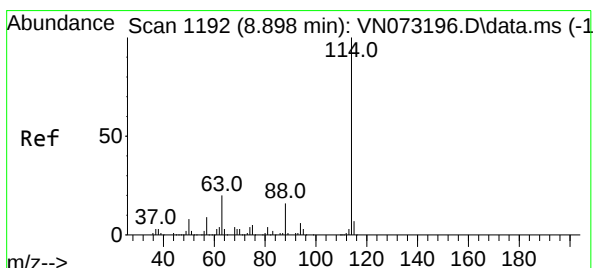
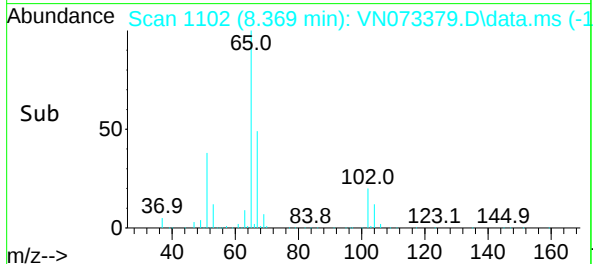
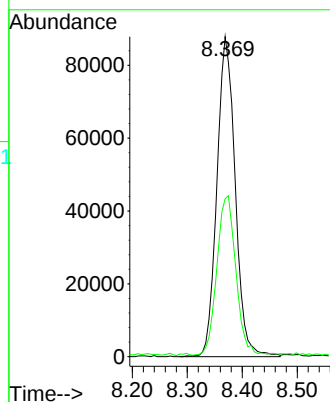
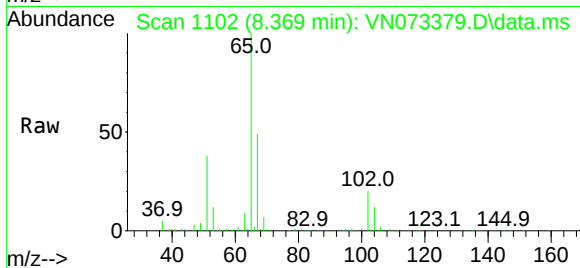
31457DL

Tgt Ion: 65 Resp: 203275

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073379.D

Acq: 07 Jul 2022 18:24

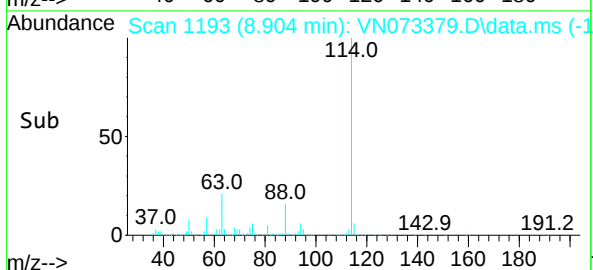
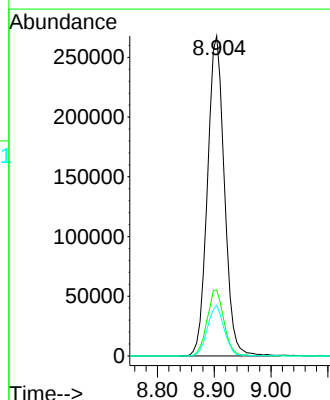
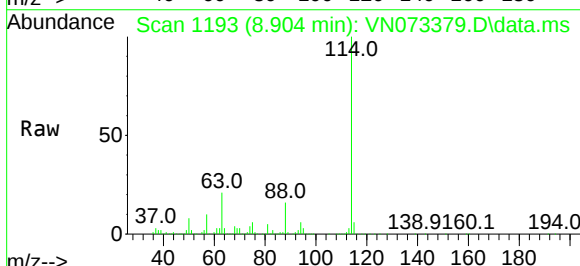
Tgt Ion: 114 Resp: 552867

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

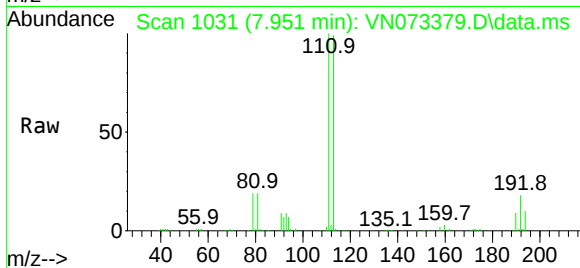
88 15.8 0.0 32.6



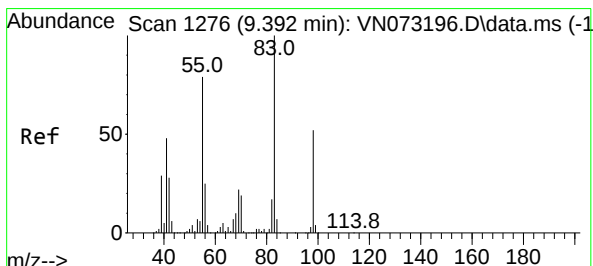
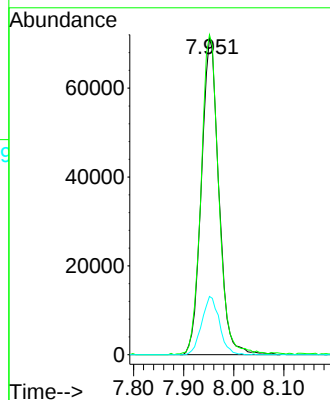
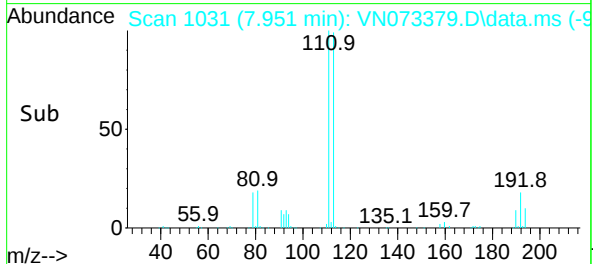


#35
Dibromofluoromethane
Concen: 46.956 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073379.D
Acq: 07 Jul 2022 18:24

Instrument :
MSVOA_N
ClientSampleId :
31457DL

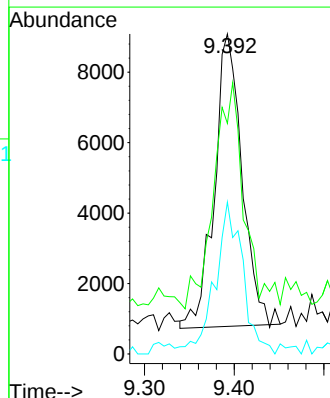
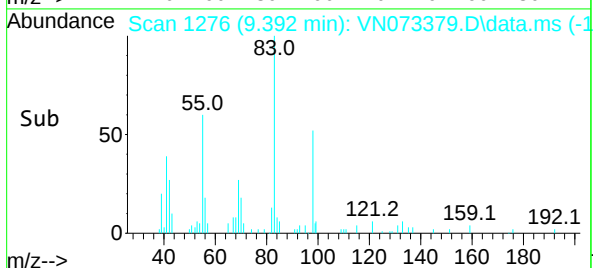
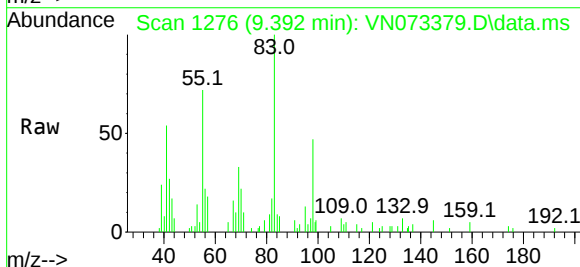


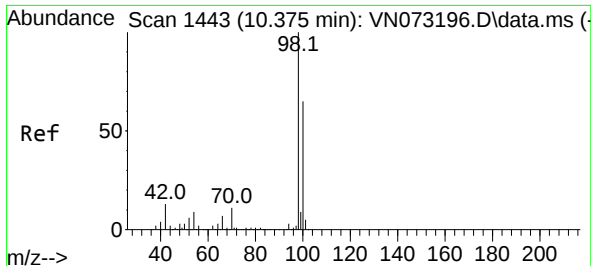
Tgt Ion:113 Resp: 172717
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.5 17.0 25.6



#39
Methylcyclohexane
Concen: 2.526 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073379.D
Acq: 07 Jul 2022 18:24

Tgt Ion: 83 Resp: 17797
Ion Ratio Lower Upper
83 100
55 62.4 57.8 86.8
98 49.8 39.4 59.2

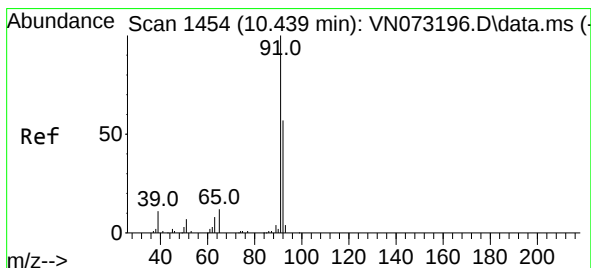
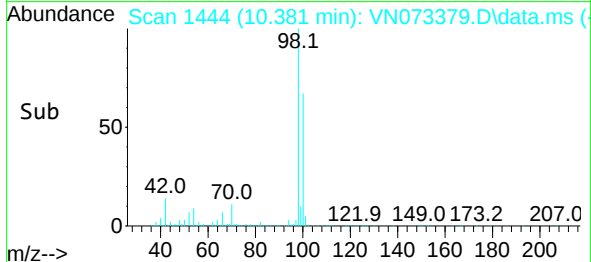
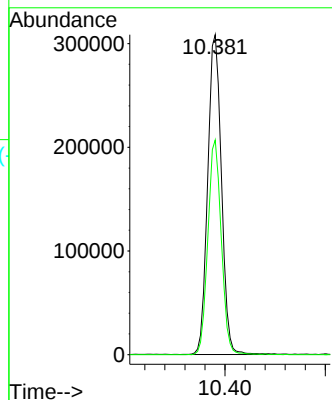
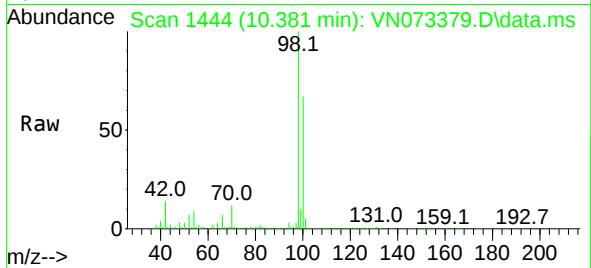




#50
Toluene-d8
Concen: 44.878 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073379.D
Acq: 07 Jul 2022 18:24

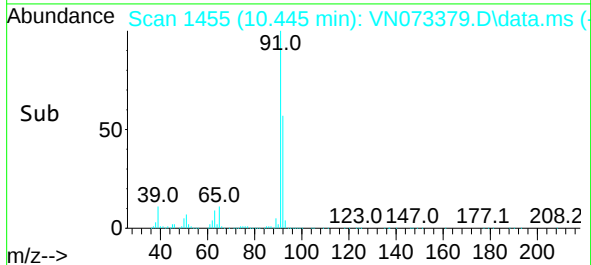
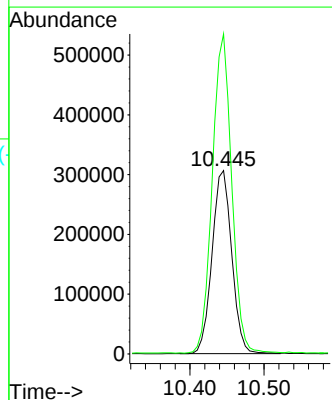
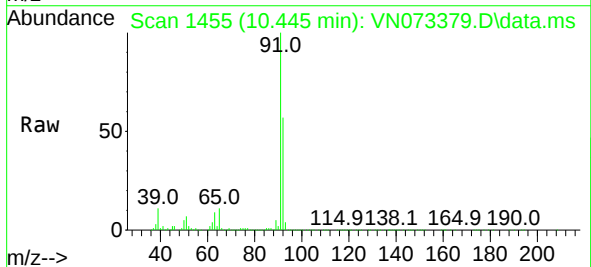
Instrument :
MSVOA_N
ClientSampleId :
31457DL

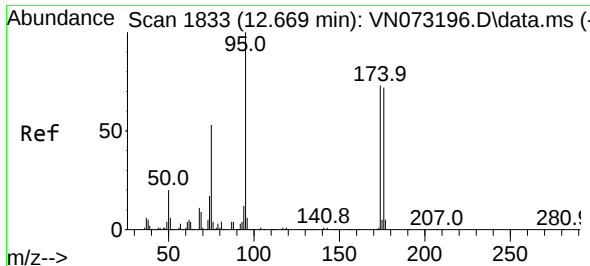
Tgt Ion: 98 Resp: 586289
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#52
Toluene
Concen: 52.389 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073379.D
Acq: 07 Jul 2022 18:24

Tgt Ion: 92 Resp: 565517
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8

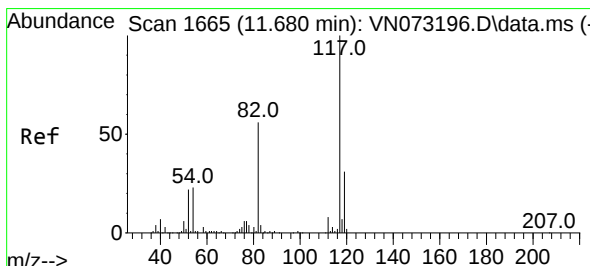
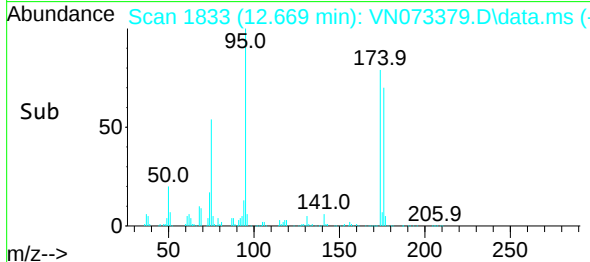
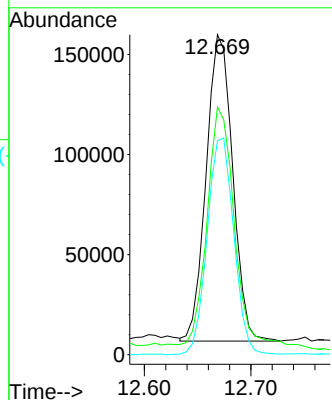
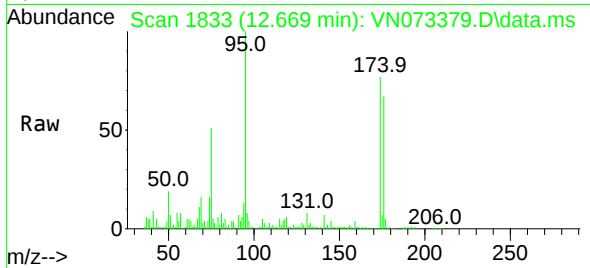




#62
4-Bromofluorobenzene
Concen: 52.626 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073379.D
Acq: 07 Jul 2022 18:24

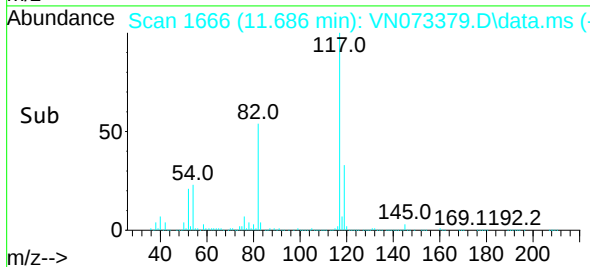
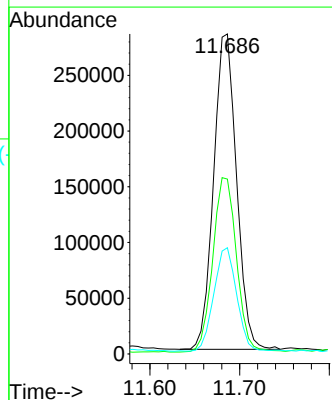
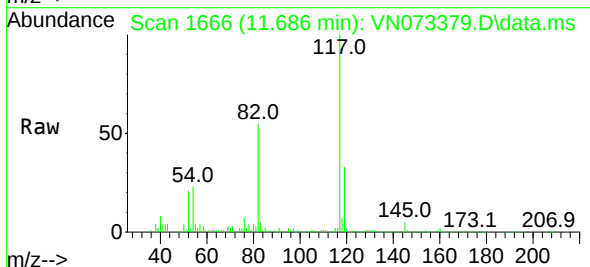
Instrument :
MSVOA_N
ClientSampleId :
31457DL

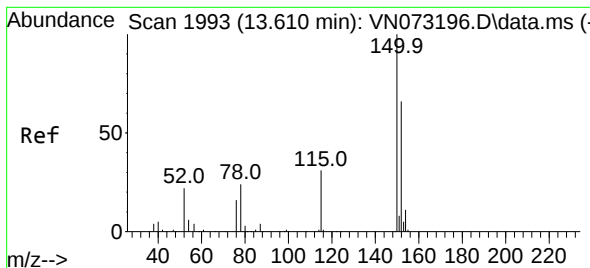
Tgt Ion: 95 Resp: 264207
Ion Ratio Lower Upper
95 100
174 87.6 0.0 167.6
176 71.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073379.D
Acq: 07 Jul 2022 18:24

Tgt Ion: 117 Resp: 501259
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.7 25.4 38.0

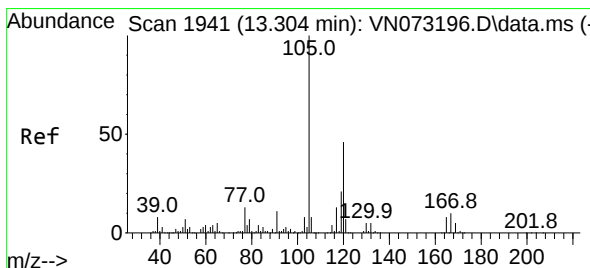
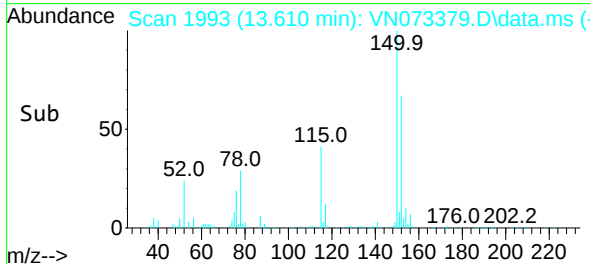
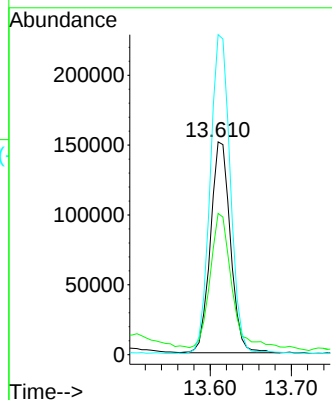
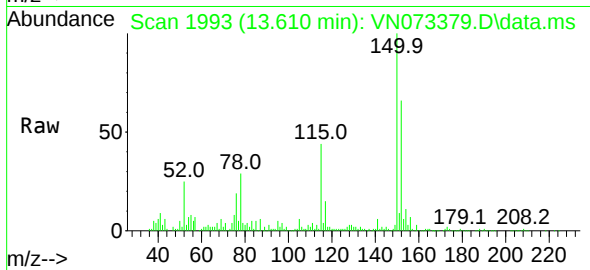




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073379.D
 Acq: 07 Jul 2022 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 31457DL

Tgt Ion:152 Resp: 257732
 Ion Ratio Lower Upper
 152 100
 115 73.9 28.9 86.7
 150 153.3 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.571 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VN073379.D
 Acq: 07 Jul 2022 18:24

Tgt Ion:105 Resp: 64679
 Ion Ratio Lower Upper
 105 100
 120 13.8 23.3 69.8#

