

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073389.D
 Acq On : 08 Jul 2022 13:39
 Operator : JC\MD
 Sample : N3586-01DL 5X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31267DL

Quant Time: Jul 08 13:58:19 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)

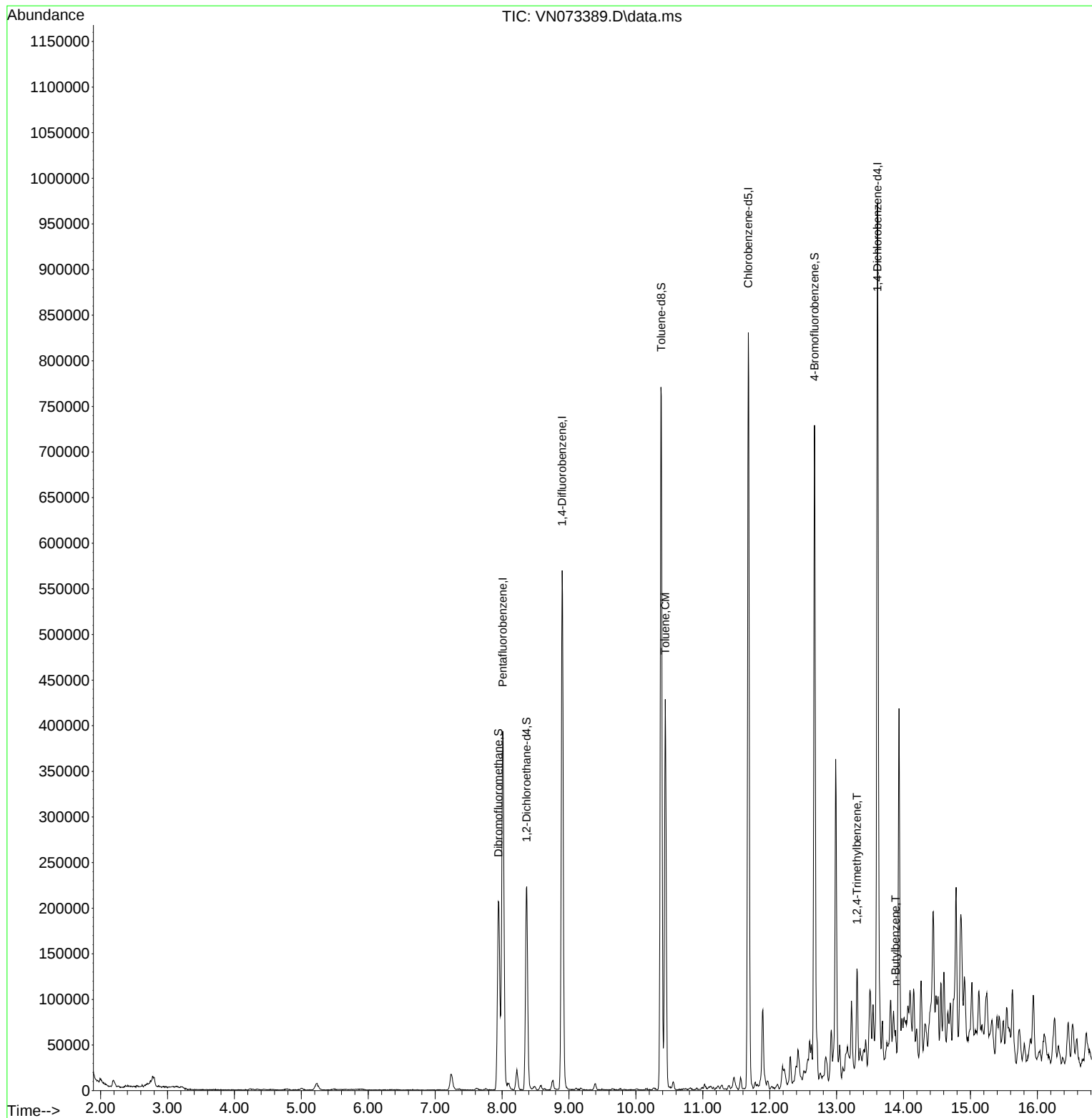
Internal Standards						
1) Pentafluorobenzene	8.010	168	299755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	496353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	469331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	237166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184848	42.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.440%
35) Dibromofluoromethane	7.945	113	154984	46.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	10.380	98	527734	44.995	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.000%
62) 4-Bromofluorobenzene	12.669	95	247101	54.823	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.640%
Target Compounds						
					Qvalue	
52) Toluene	10.439	92	172103	17.759	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	61477	3.689	ug/l	96
89) n-Butylbenzene	13.880	91	15442	1.142	ug/l #	81

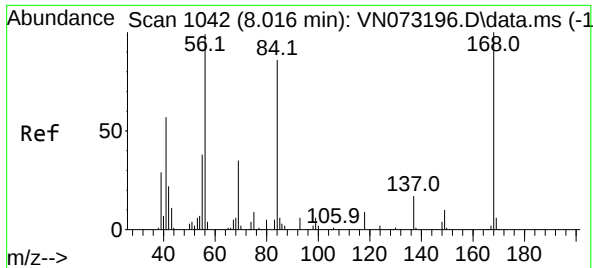
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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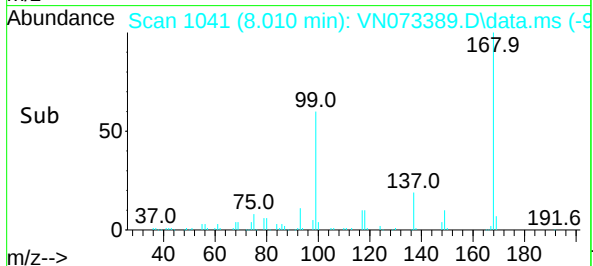
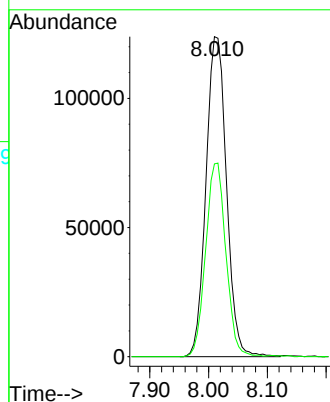
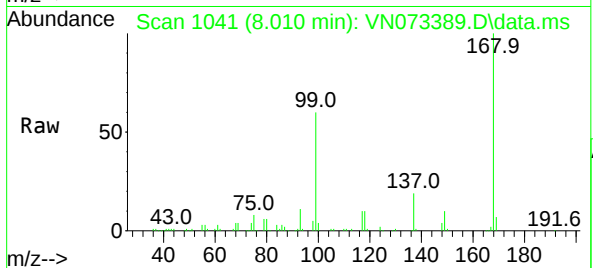




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073389.D
Acq: 08 Jul 2022 13:39

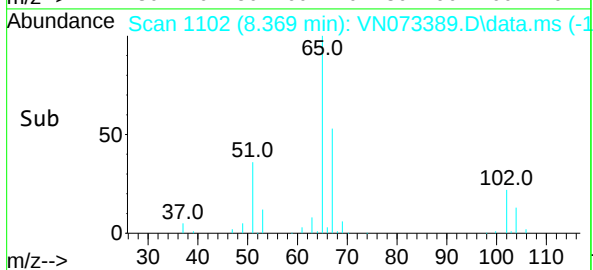
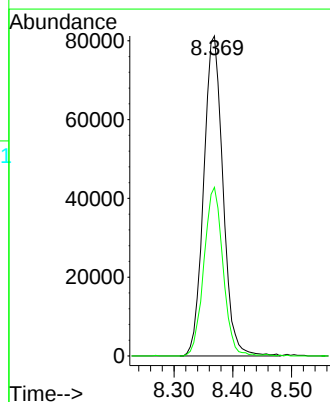
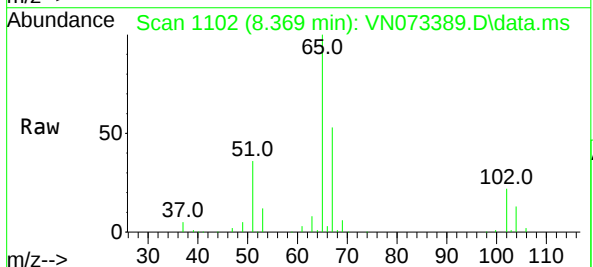
Instrument :
MSVOA_N
ClientSampleId :
31267DL

Tgt Ion:168 Resp: 299755
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.717 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073389.D
Acq: 08 Jul 2022 13:39

Tgt Ion: 65 Resp: 184848
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

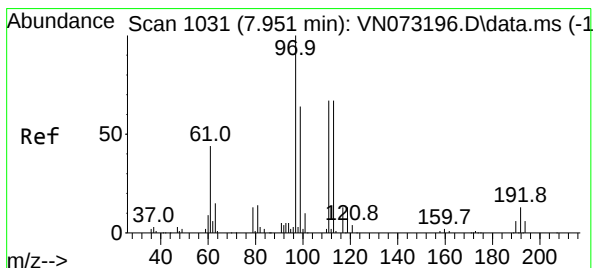
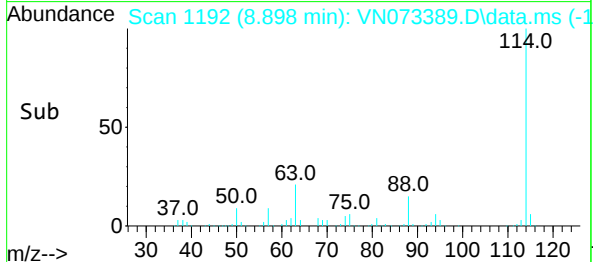
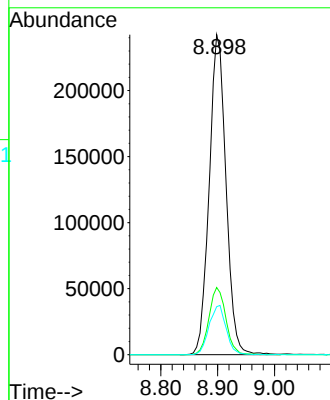
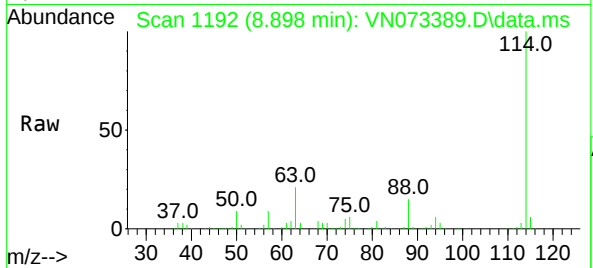




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073389.D
Acq: 08 Jul 2022 13:39

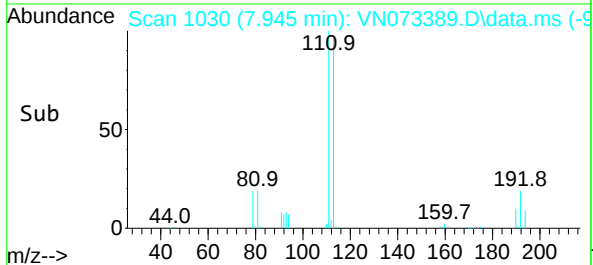
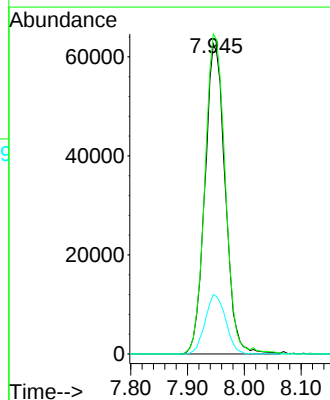
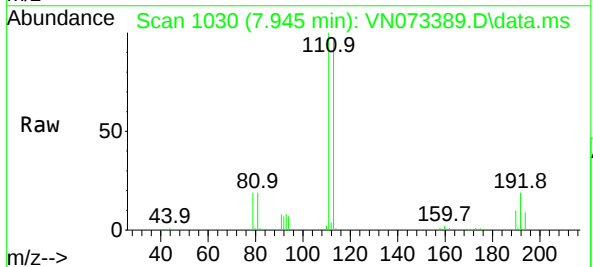
Instrument :
MSVOA_N
ClientSampleId :
31267DL

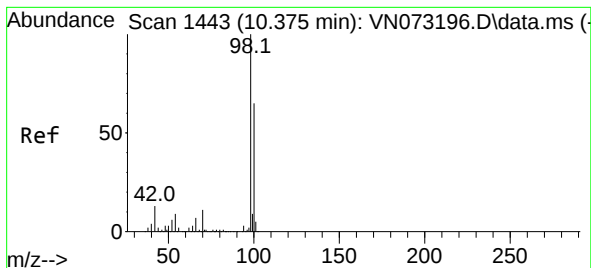
Tgt Ion:114 Resp: 496353
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 15.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.932 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073389.D
Acq: 08 Jul 2022 13:39

Tgt Ion:113 Resp: 154984
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 19.4 17.0 25.6

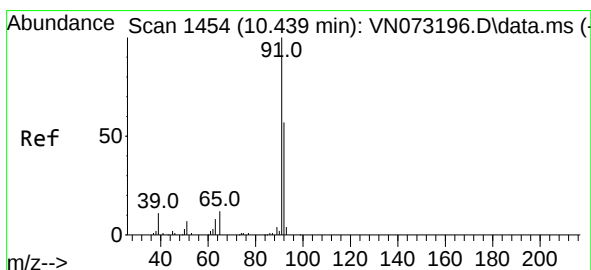
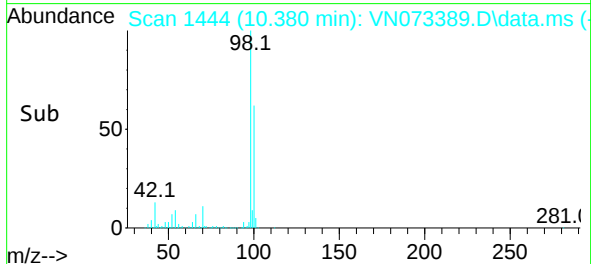
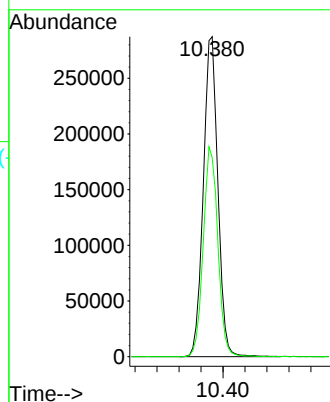
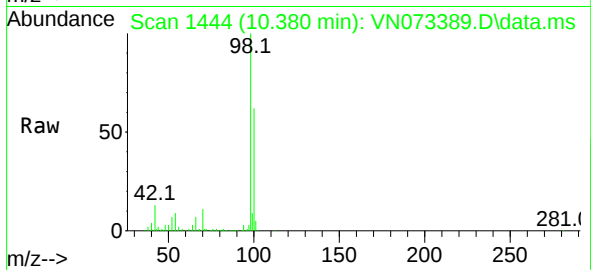




#50
Toluene-d8
Concen: 44.995 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073389.D
Acq: 08 Jul 2022 13:39

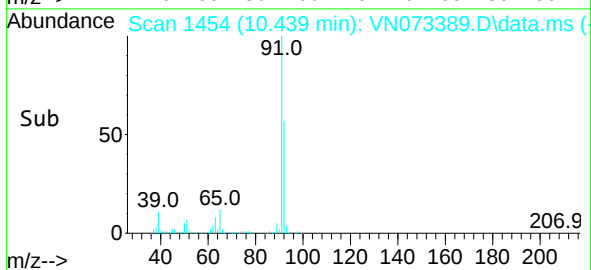
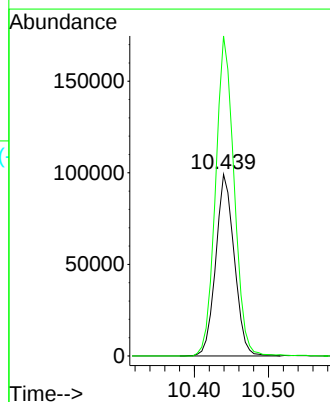
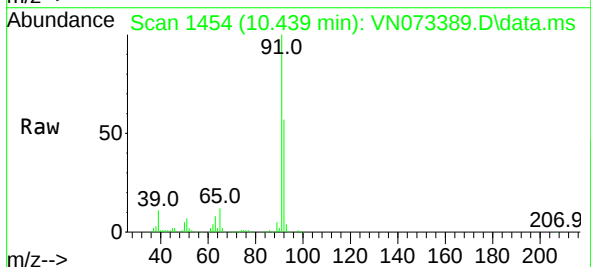
Instrument :
MSVOA_N
ClientSampleId :
31267DL

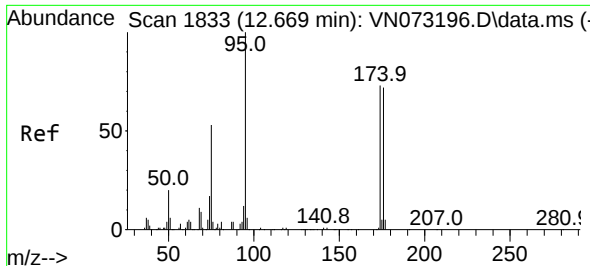
Tgt Ion: 98 Resp: 527734
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#52
Toluene
Concen: 17.759 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073389.D
Acq: 08 Jul 2022 13:39

Tgt Ion: 92 Resp: 172103
Ion Ratio Lower Upper
92 100
91 176.6 138.6 207.8

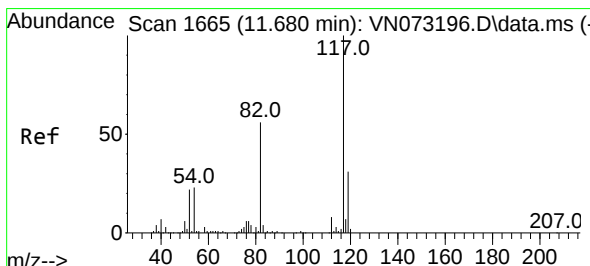
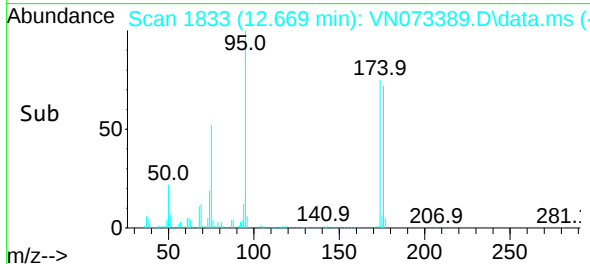
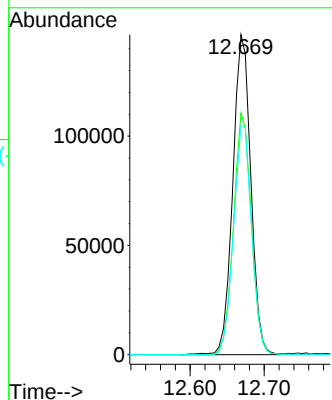
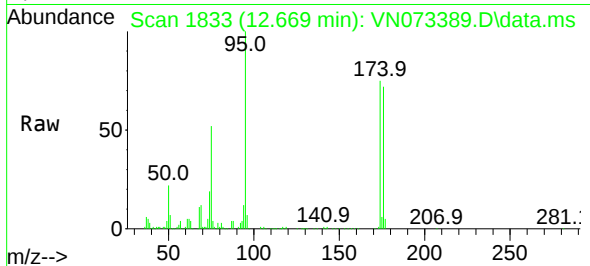




#62
4-Bromofluorobenzene
Concen: 54.823 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073389.D
Acq: 08 Jul 2022 13:39

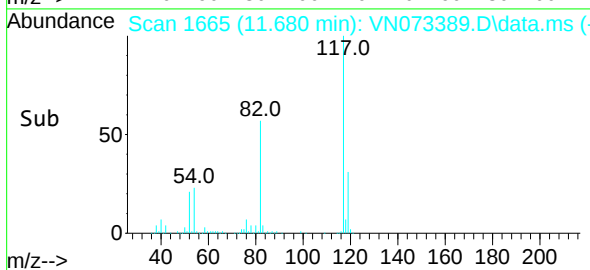
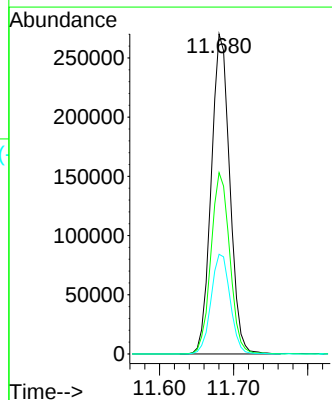
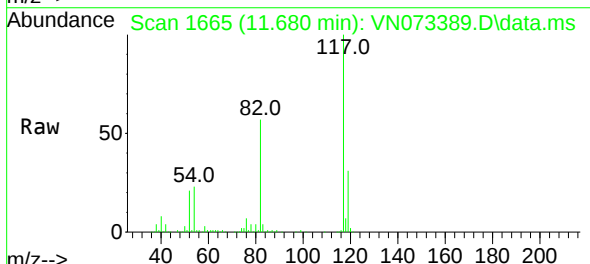
Instrument :
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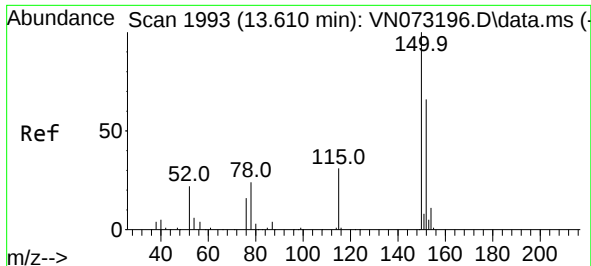
Tgt Ion: 95 Resp: 247101
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 72.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073389.D
Acq: 08 Jul 2022 13:39

Tgt Ion: 117 Resp: 469331
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 31.2 25.4 38.0

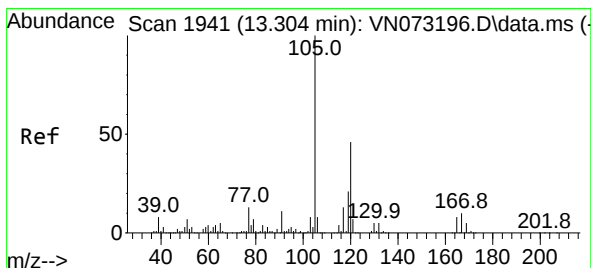
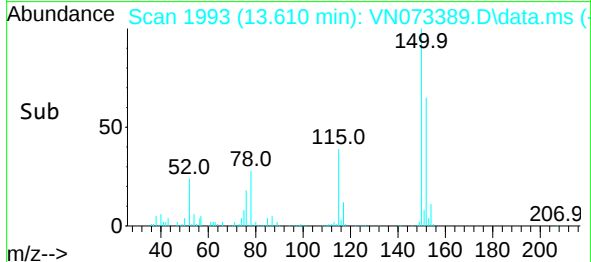
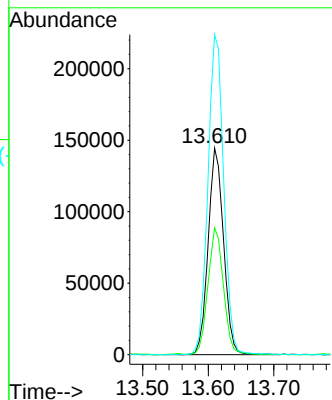
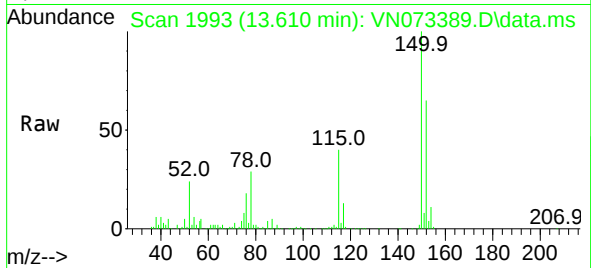




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073389.D
 Acq: 08 Jul 2022 13:39

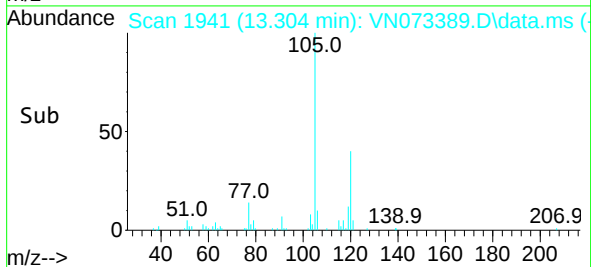
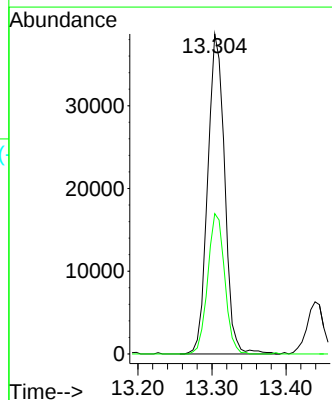
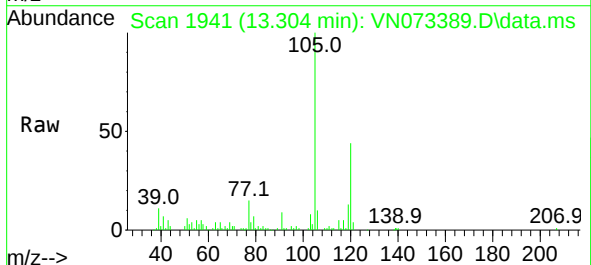
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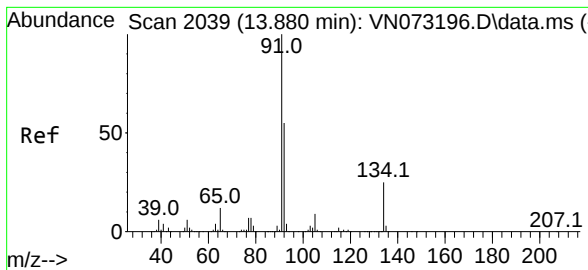
Tgt Ion:152 Resp: 237166
 Ion Ratio Lower Upper
 152 100
 115 61.5 28.9 86.7
 150 158.2 0.0 356.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.689 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: VN073389.D
 Acq: 08 Jul 2022 13:39

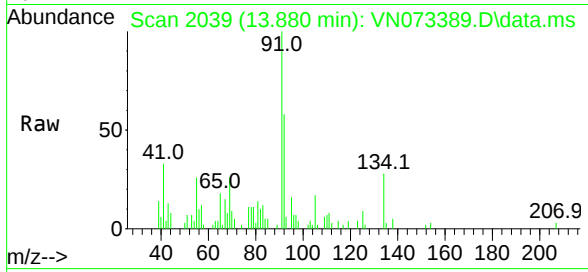
Tgt Ion:105 Resp: 61477
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.3 69.8





#89
 n-Butylbenzene
 Concen: 1.142 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: VN073389.D
 Acq: 08 Jul 2022 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 31267DL



Tgt Ion:	91	Resp:	15442
Ion	Ratio	Lower	Upper
91	100		
92	55.7	26.9	80.7
134	0.0	13.6	40.8

