

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075325.D
 Acq On : 18 Nov 2022 20:16
 Operator : JC\MD
 Sample : N5669-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40599

Quant Time: Nov 19 05:13:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

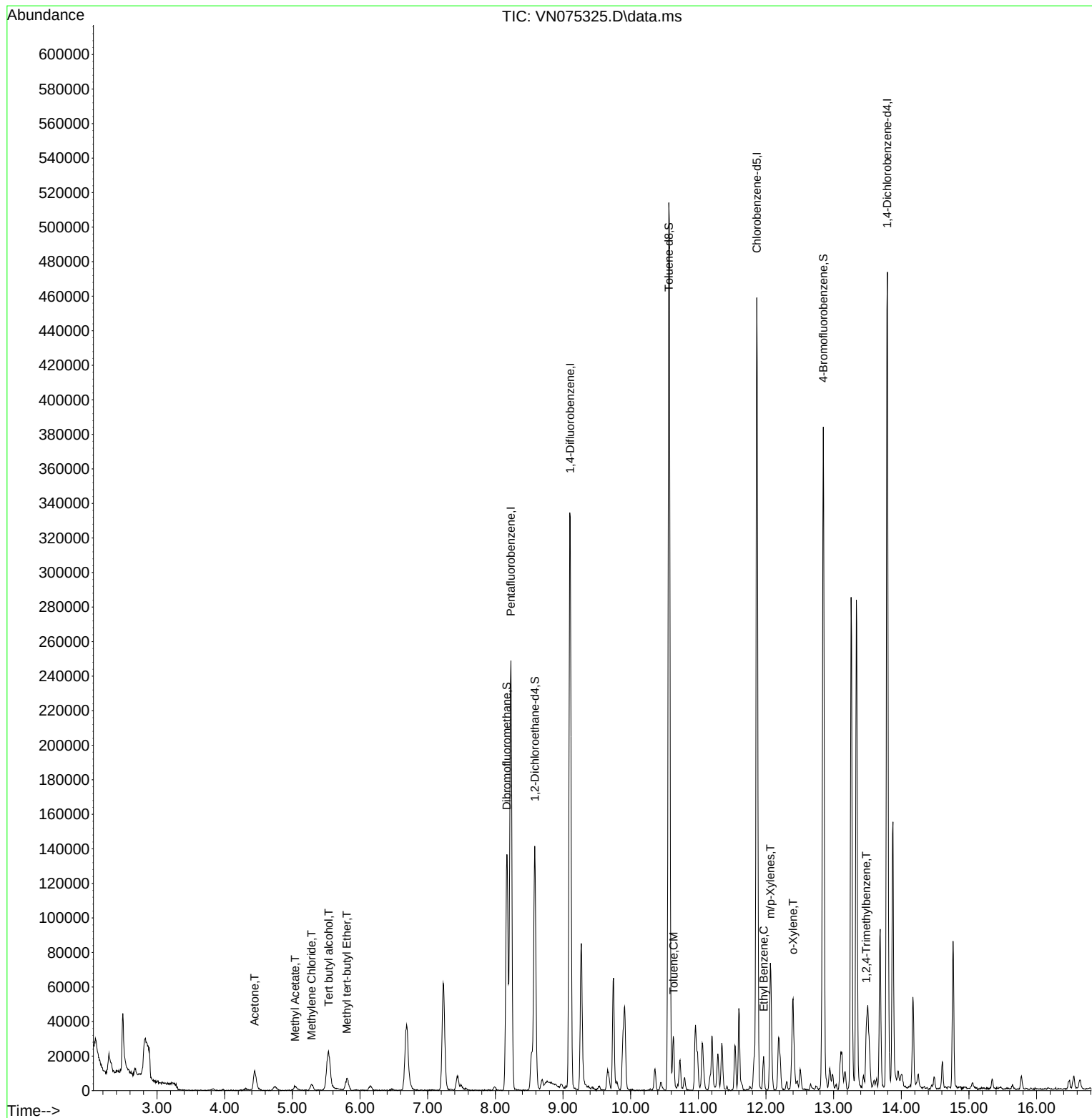
Internal Standards						
1) Pentafluorobenzene	8.230	168	193522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	322099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	110879	42.523	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.040%
35) Dibromofluoromethane	8.171	113	99747	52.752	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.500%
50) Toluene-d8	10.565	98	366132	49.908	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.847	95	123527	47.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	43436	71.432	ug/l	96
16) Acetone	4.442	43	21561	19.529	ug/l	91
18) Methyl Acetate	5.042	43	5122	1.420	ug/l #	84
19) Methyl tert-butyl Ether	5.806	73	12051	1.581	ug/l	94
20) Methylene Chloride	5.283	84	2889	1.174	ug/l #	81
52) Toluene	10.635	92	13709	2.288	ug/l	98
67) Ethyl Benzene	11.965	91	13321	1.220	ug/l	95
68) m/p-Xylenes	12.065	106	25102	5.728	ug/l	97
69) o-Xylene	12.400	106	14389	3.320	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	19252	2.091	ug/l	98

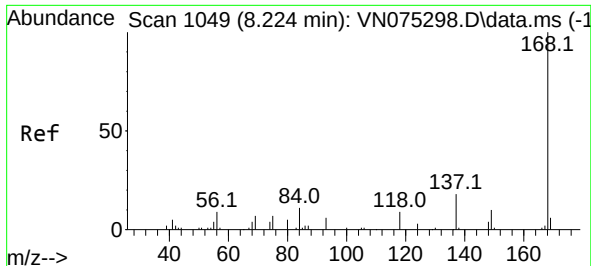
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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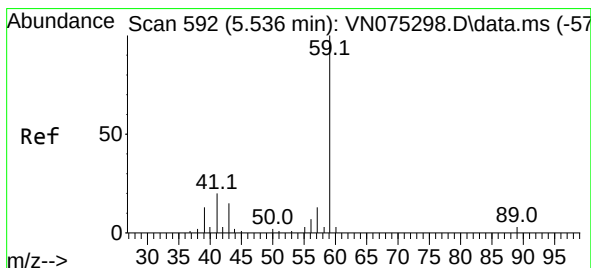
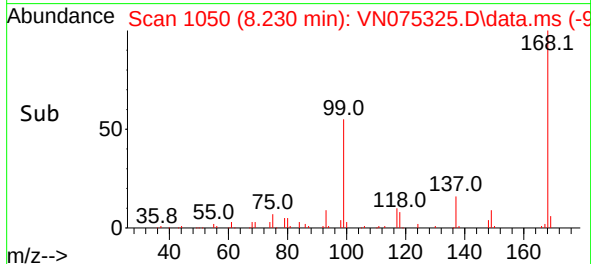
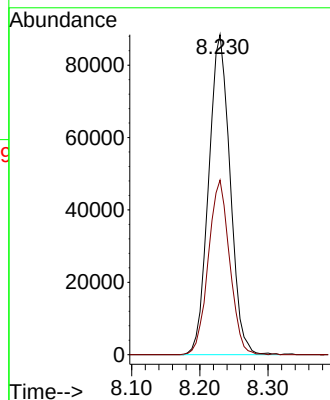
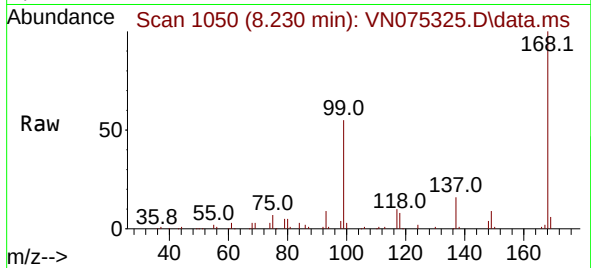




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

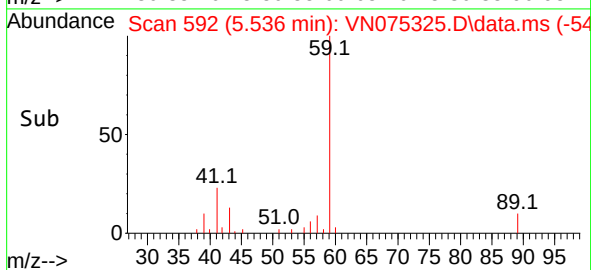
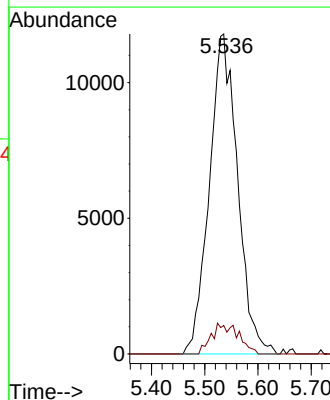
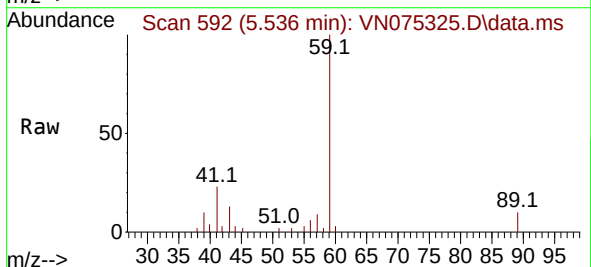
Instrument :
MSVOA_N
ClientSampleId :
40599

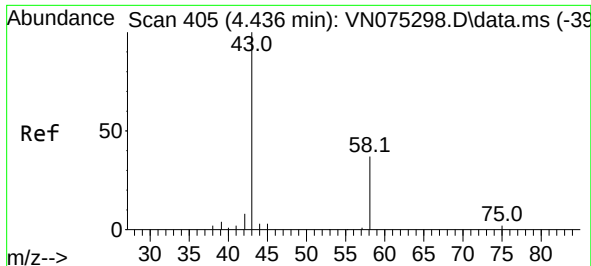
Tgt Ion:168 Resp: 193522
Ion Ratio Lower Upper
168 100
99 54.5 51.6 77.4



#11
Tert butyl alcohol
Concen: 71.432 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

Tgt Ion: 59 Resp: 43436
Ion Ratio Lower Upper
59 100
57 9.1 8.5 12.7

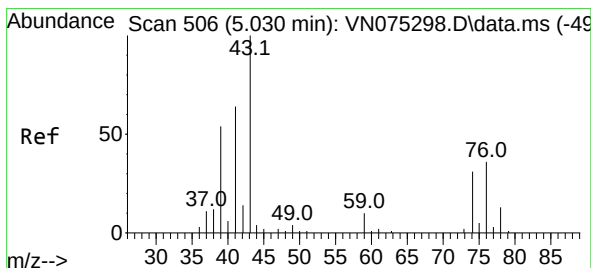
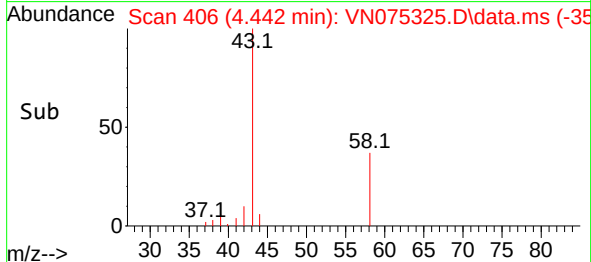
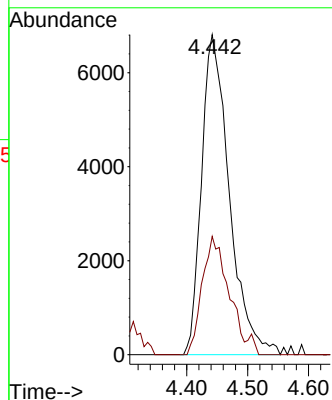
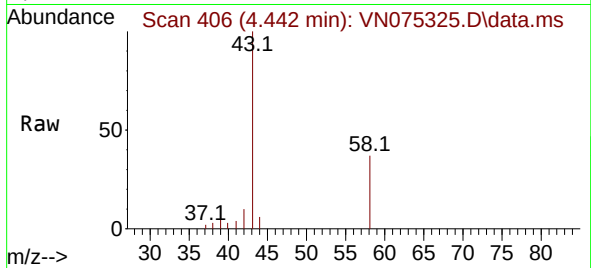




#16
Acetone
Concen: 19.529 ug/l
RT: 4.442 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

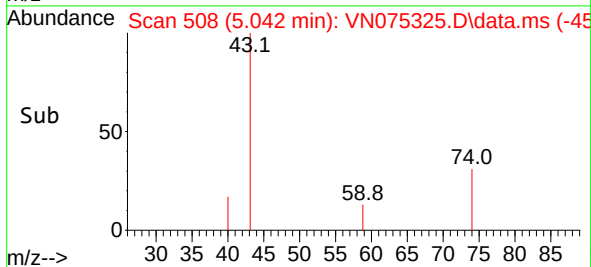
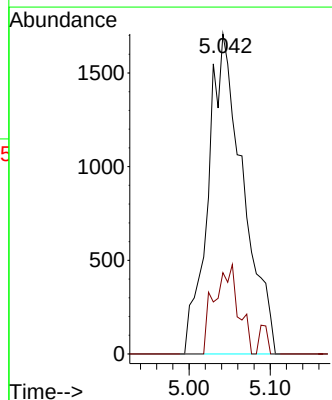
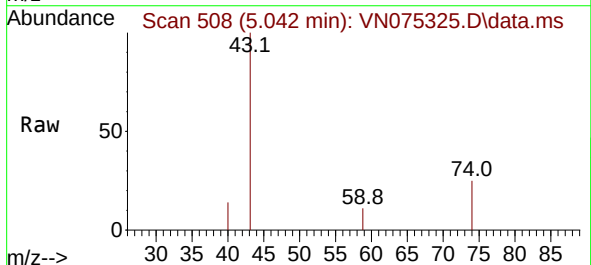
Instrument :
MSVOA_N
ClientSampleId :
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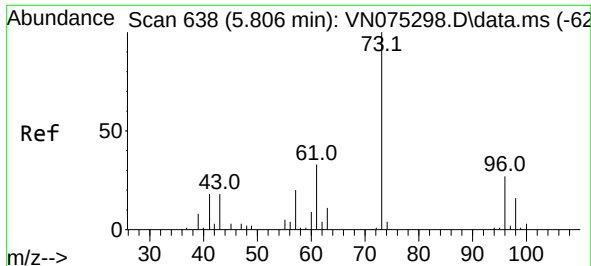
Tgt Ion: 43 Resp: 21561
Ion Ratio Lower Upper
43 100
58 37.0 25.5 38.3



#18
Methyl Acetate
Concen: 1.420 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

Tgt Ion: 43 Resp: 5122
Ion Ratio Lower Upper
43 100
74 19.2 22.0 33.0#

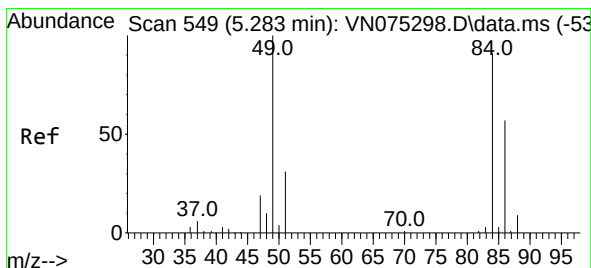
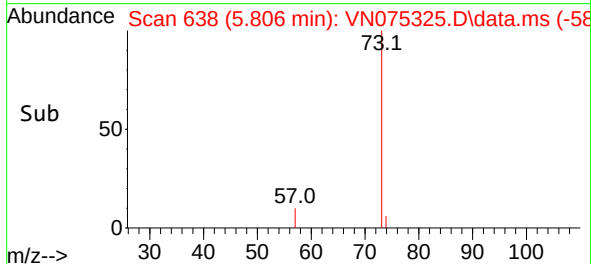
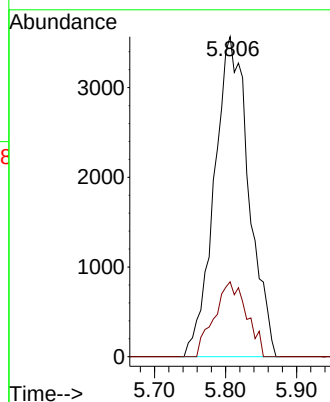
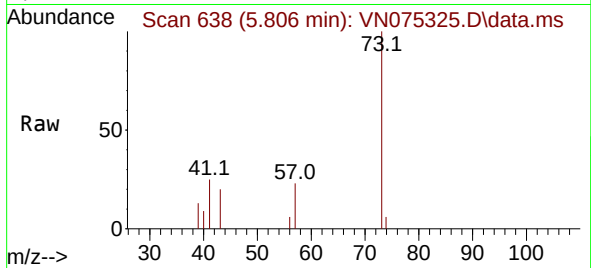




#19
Methyl tert-butyl Ether
Concen: 1.581 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

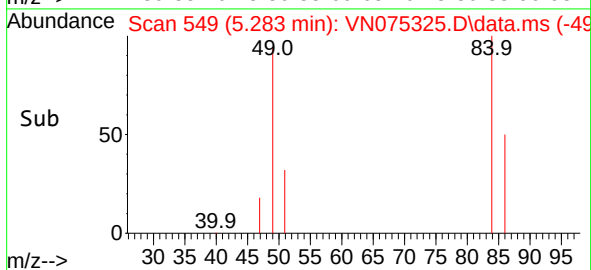
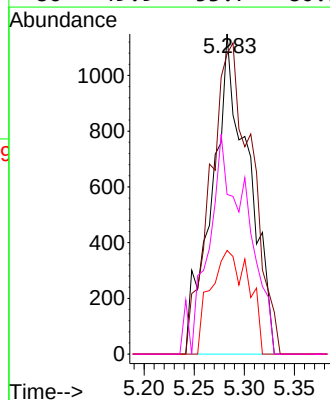
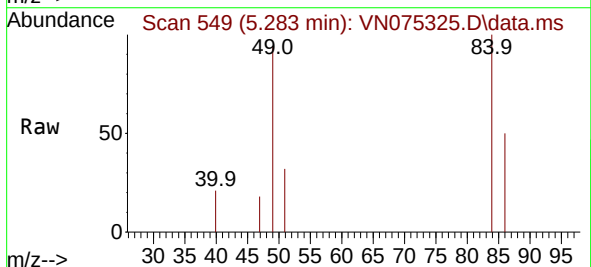
Instrument :
MSVOA_N
ClientSampleId :
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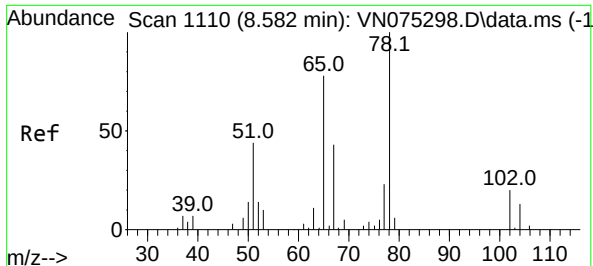
Tgt Ion: 73 Resp: 12051
Ion Ratio Lower Upper
73 100
57 23.4 16.3 24.5



#20
Methylene Chloride
Concen: 1.174 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

Tgt Ion: 84 Resp: 2889
Ion Ratio Lower Upper
84 100
49 93.7 94.9 142.3#
51 32.4 26.8 40.2
86 49.9 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 42.523 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.005 min

Lab File: VN075325.D

Acq: 18 Nov 2022 20:16

Instrument :

MSVOA_N

ClientSampleId :

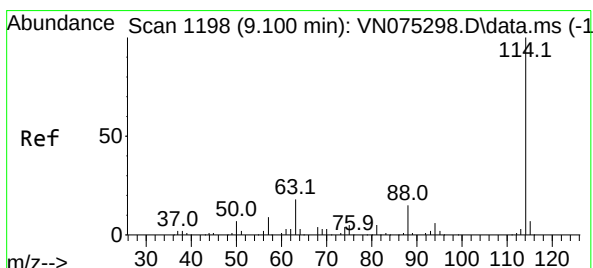
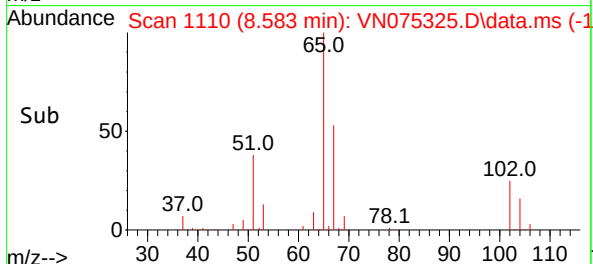
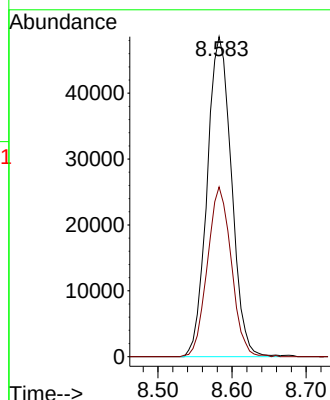
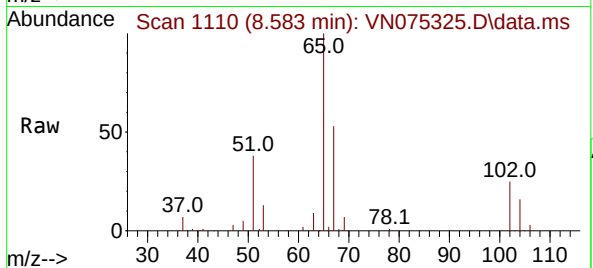
40599

Tgt Ion: 65 Resp: 110879

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075325.D

Acq: 18 Nov 2022 20:16

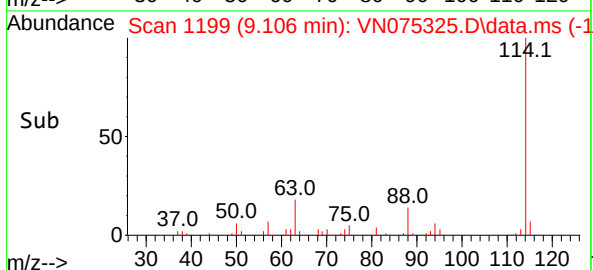
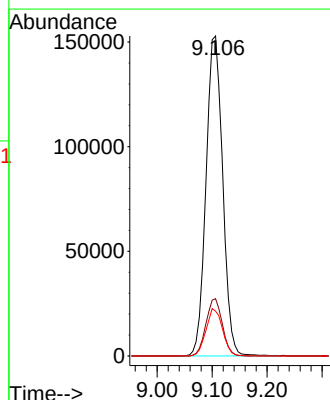
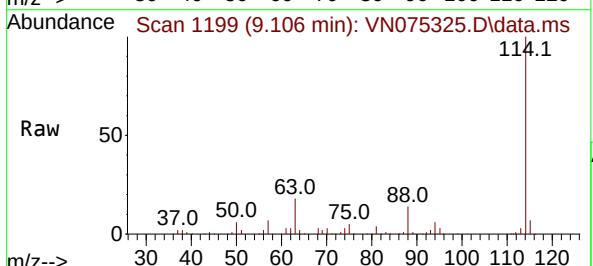
Tgt Ion: 114 Resp: 322099

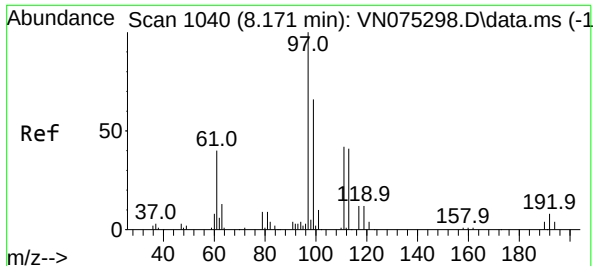
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.752 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075325.D

Acq: 18 Nov 2022 20:16

Instrument :

MSVOA_N

ClientSampleId :

40599

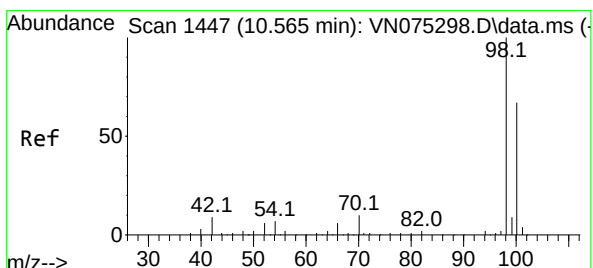
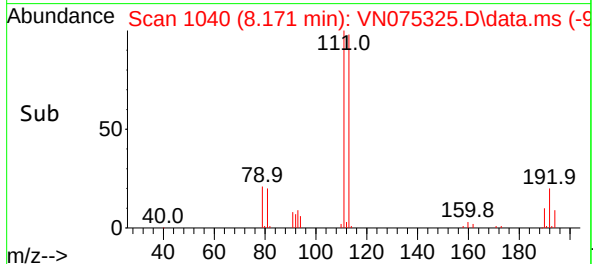
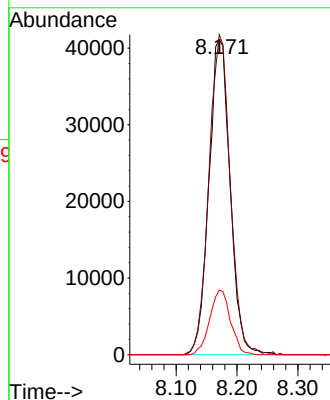
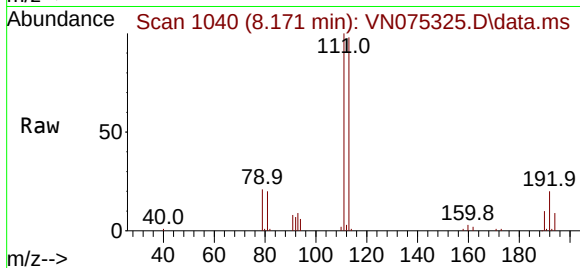
Tgt Ion:113 Resp: 99747

Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 20.0 13.2 19.8#



#50

Toluene-d8

Concen: 49.908 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075325.D

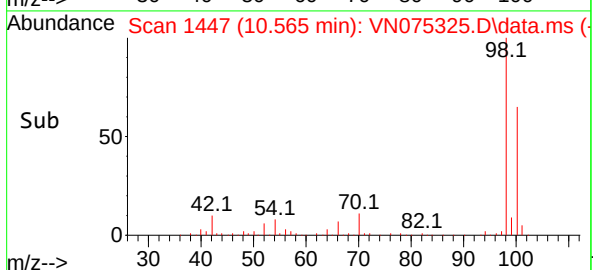
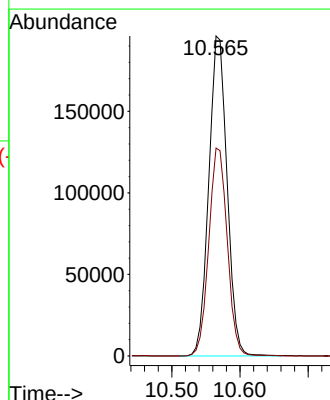
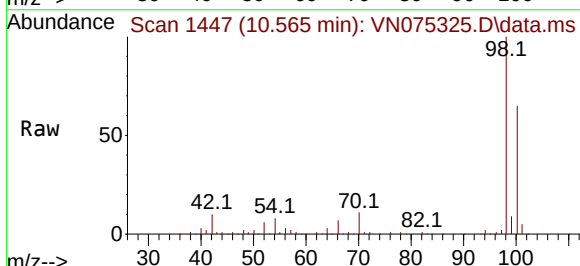
Acq: 18 Nov 2022 20:16

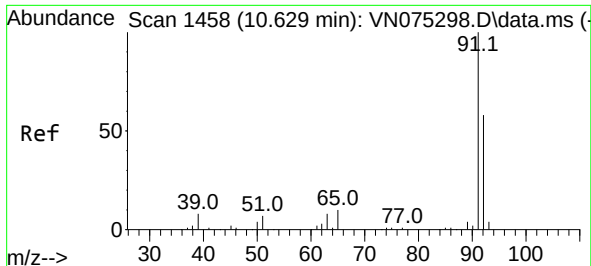
Tgt Ion: 98 Resp: 366132

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6

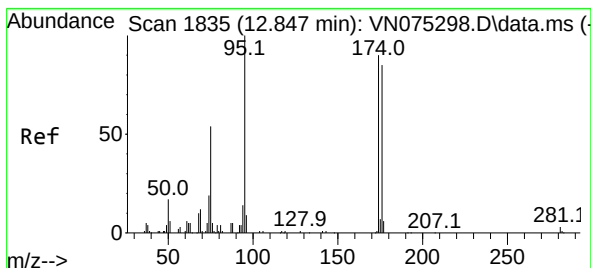
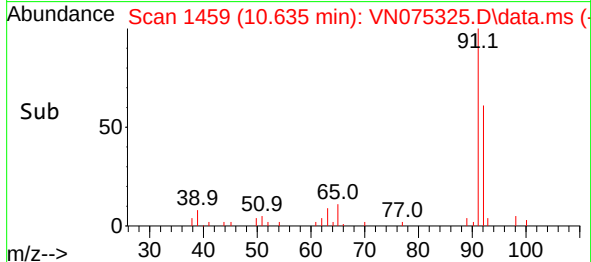
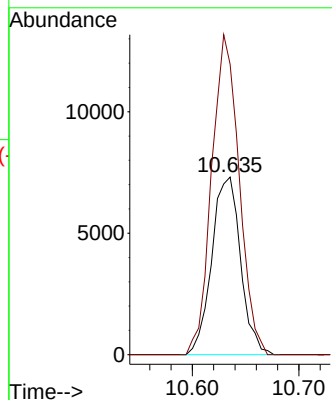
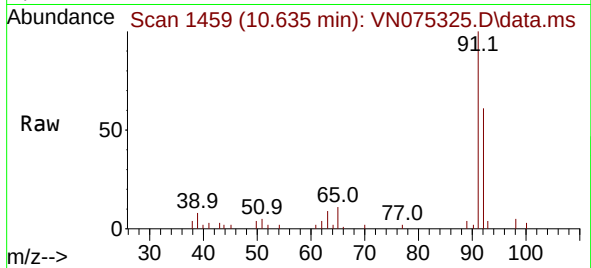




#52
Toluene
Concen: 2.288 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

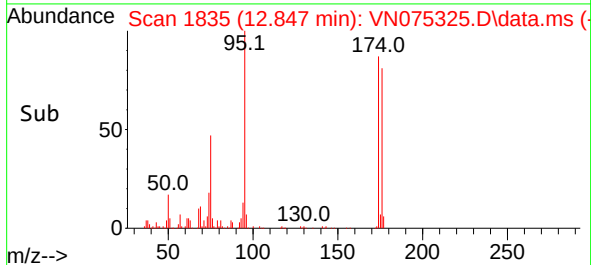
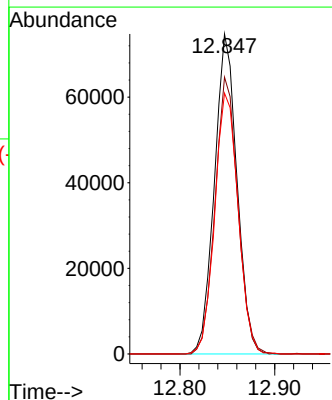
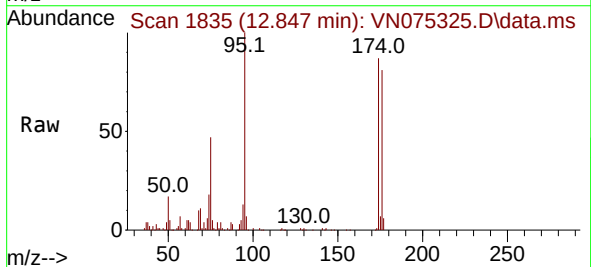
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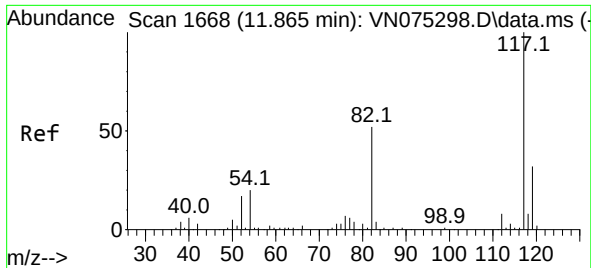
Tgt Ion: 92 Resp: 13709
Ion Ratio Lower Upper
92 100
91 172.1 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 47.934 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

Tgt Ion: 95 Resp: 123527
Ion Ratio Lower Upper
95 100
174 87.4 0.0 147.4
176 84.7 0.0 142.2

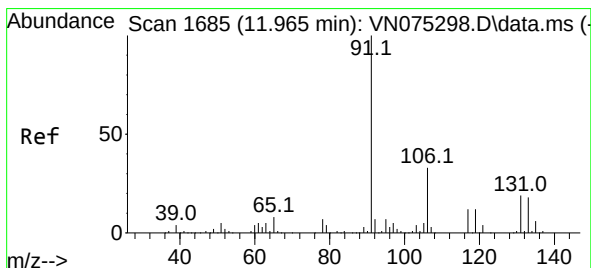
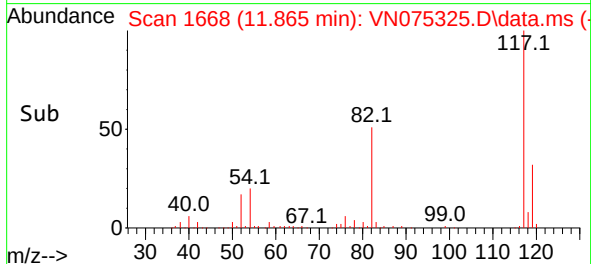
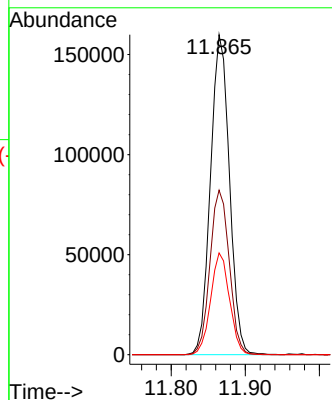
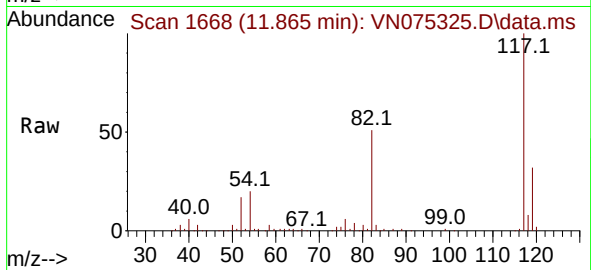




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

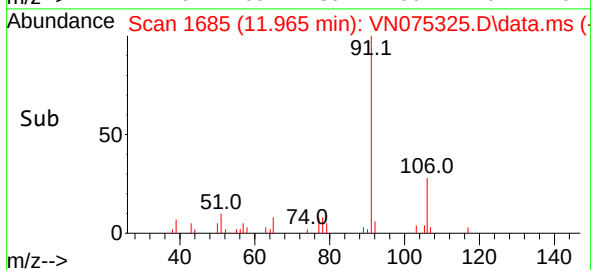
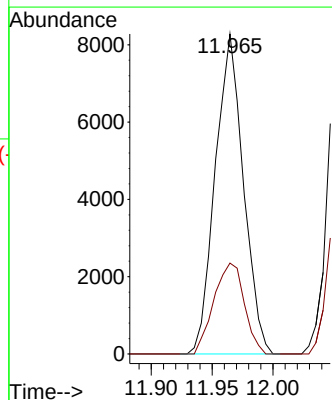
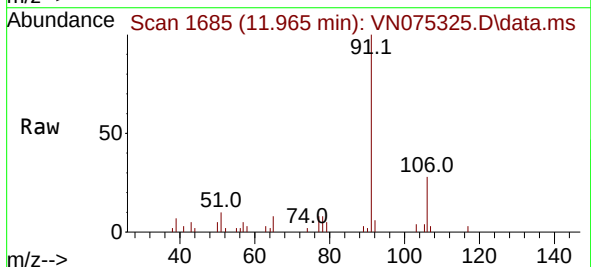
Instrument :
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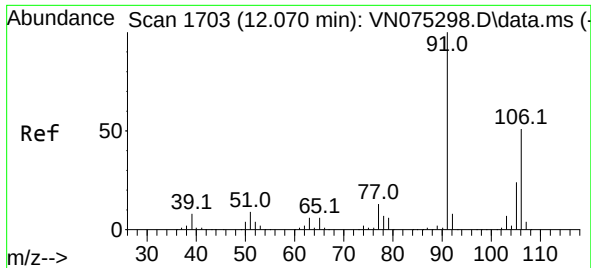
Tgt Ion:117 Resp: 284399
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 31.8 25.5 38.3



#67
Ethyl Benzene
Concen: 1.220 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

Tgt Ion: 91 Resp: 13321
Ion Ratio Lower Upper
91 100
106 28.4 24.9 37.3

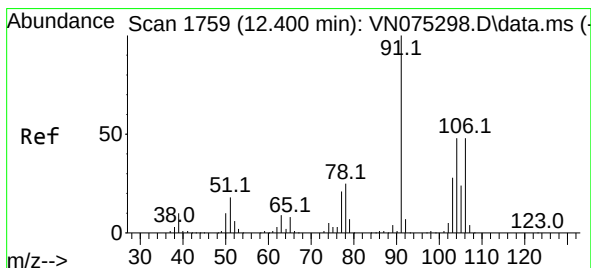
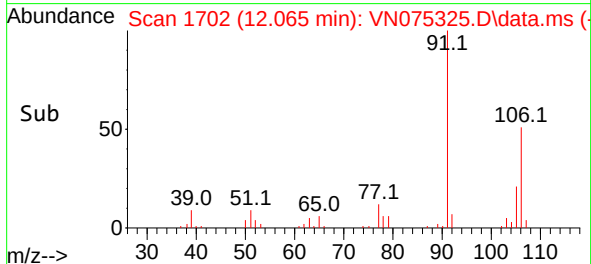
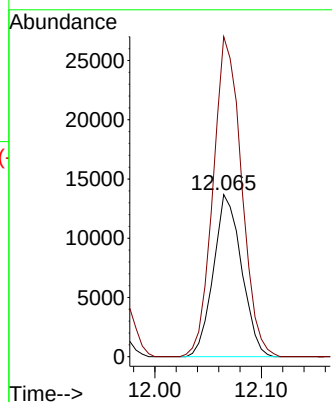
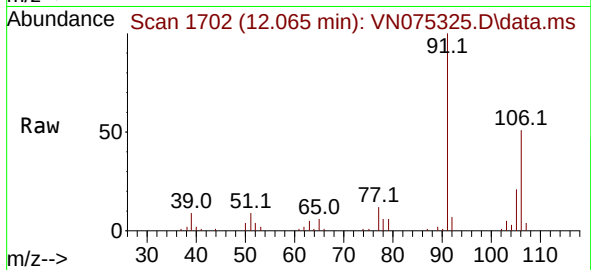




#68
m/p-Xylenes
Concen: 5.728 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.011 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

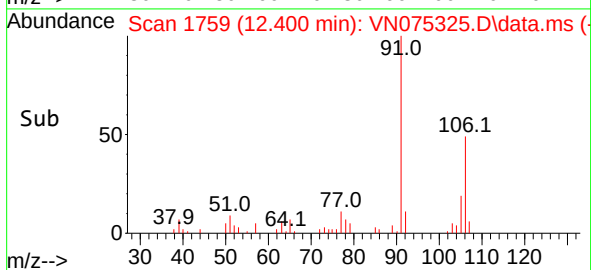
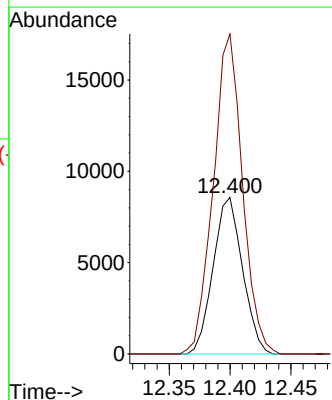
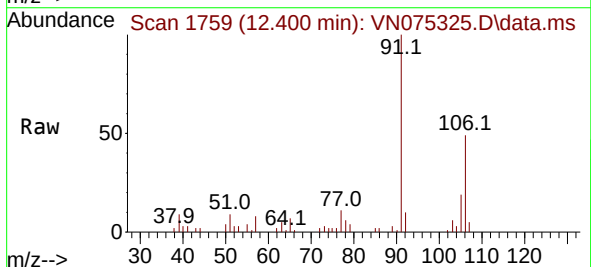
Instrument :
MSVOA_N
ClientSampleId :
40599

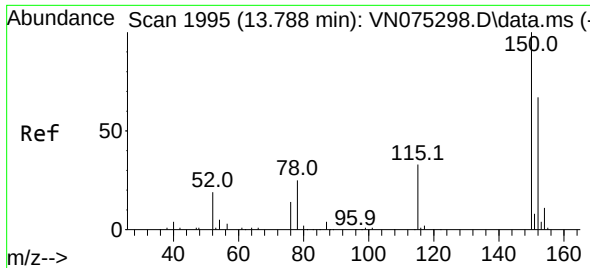
Tgt Ion:106 Resp: 25102
Ion Ratio Lower Upper
106 100
91 199.7 156.0 234.0



#69
o-Xylene
Concen: 3.320 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075325.D
Acq: 18 Nov 2022 20:16

Tgt Ion:106 Resp: 14389
Ion Ratio Lower Upper
106 100
91 203.4 105.2 315.5

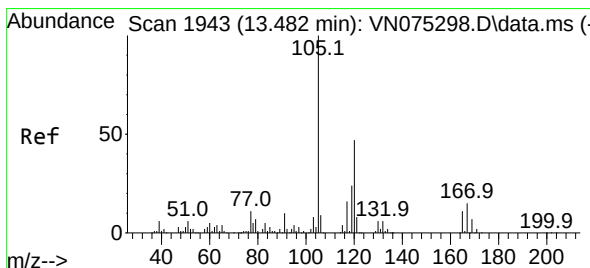
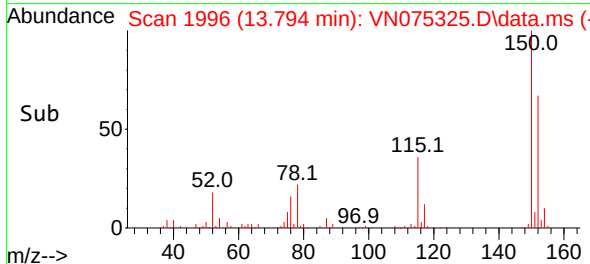
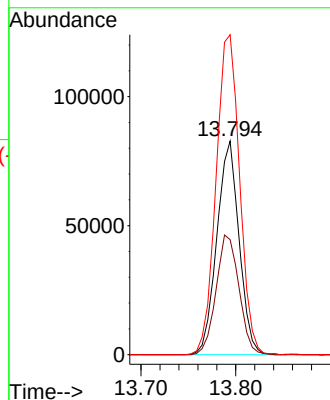
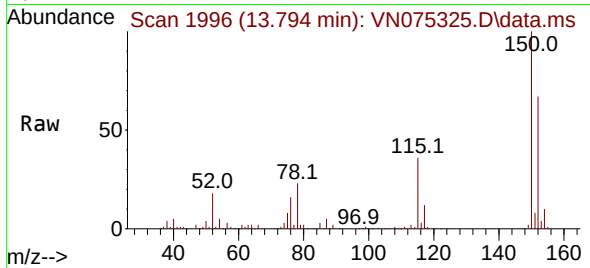




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: VN075325.D
 Acq: 18 Nov 2022 20:16

Instrument :
 MSVOA_N
 ClientSampleId :
 40599

Tgt Ion:152 Resp: 134977
 Ion Ratio Lower Upper
 152 100
 115 57.7 30.2 90.6
 150 158.6 0.0 348.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.091 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075325.D
 Acq: 18 Nov 2022 20:16

Tgt Ion:105 Resp: 19252
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.7 68.1

