

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070249.D
 Acq On : 20 Dec 2021 18:52
 Operator : JC/MD
 Sample : M5044-06
 Misc : 5.82g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-6-4.5

Quant Time: Dec 21 04:06:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

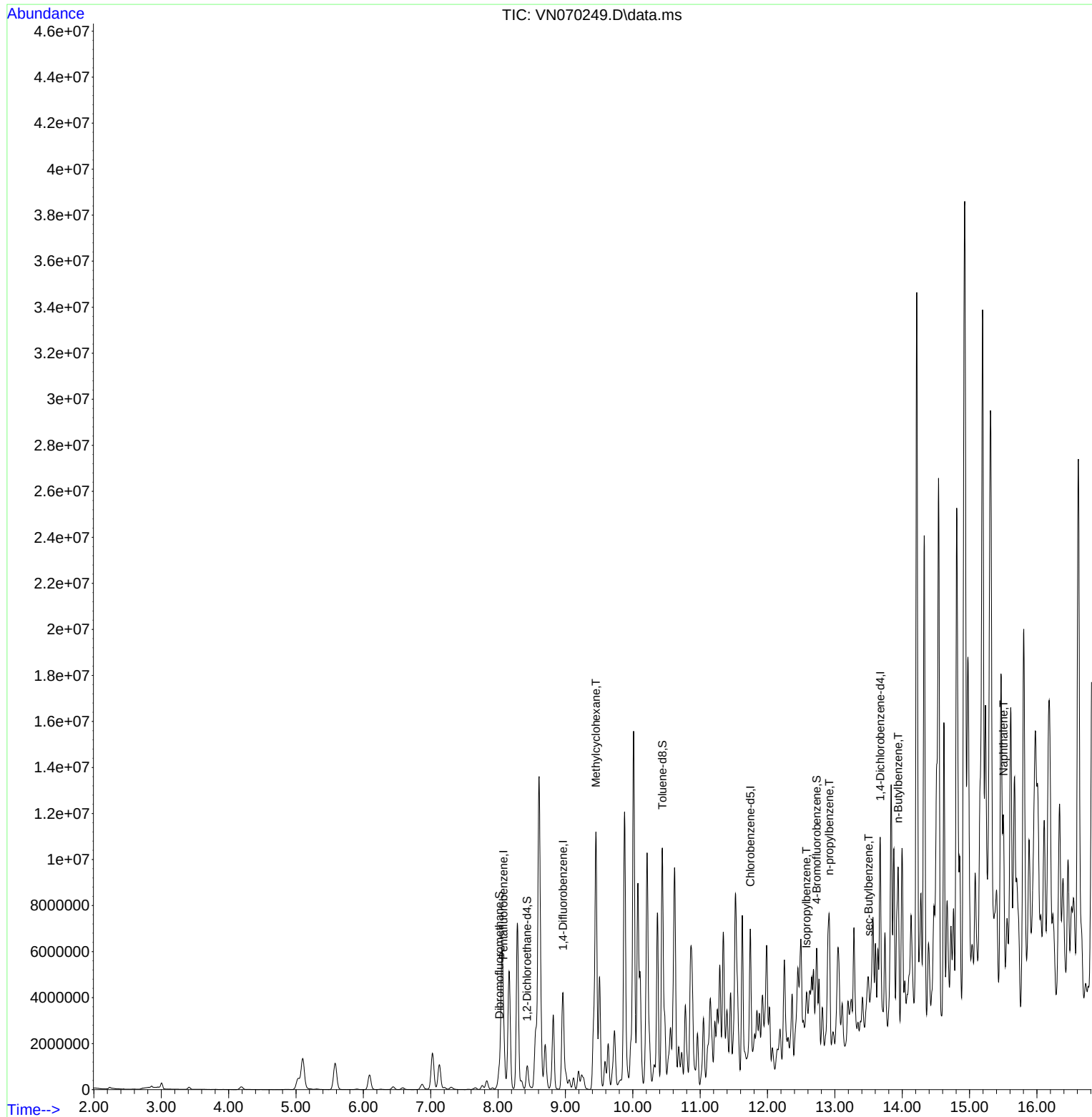
Internal Standards						
1) Pentafluorobenzene	8.080	168	1129091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2072243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2339193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1298428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	879777	50.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.94%			
35) Dibromofluoromethane	8.018	113	611072	47.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.16%			
50) Toluene-d8	10.440	98	2949313	56.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.18%			
62) 4-Bromofluorobenzene	12.731	95	1480525	78.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 156.82%#			
Target Compounds					Qvalue	
39) Methylcyclohexane	9.453	83	3064639	130.60	ug/l #	80
73) Isopropylbenzene	12.578	105	1348148	11.67	ug/l	98
78) n-propylbenzene	12.918	91	3658009	28.46	ug/l	95
85) sec-Butylbenzene	13.500	105	1146996	10.27	ug/l #	61
89) n-Butylbenzene	13.940	91	4083432	57.67	ug/l	88
95) Naphthalene	15.504	128	5326473	81.24	ug/l	96

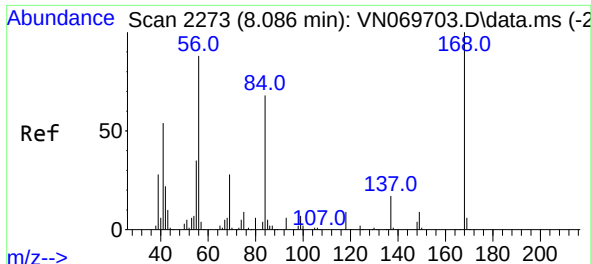
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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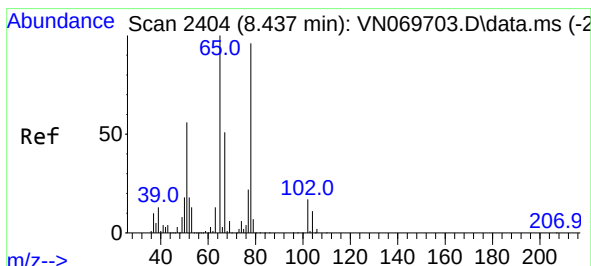
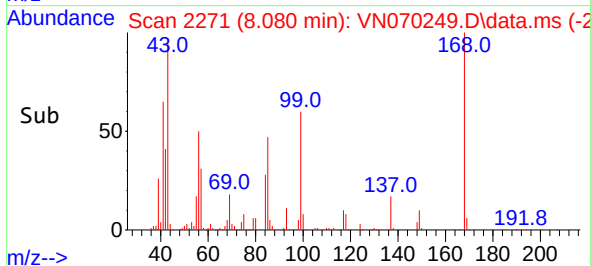
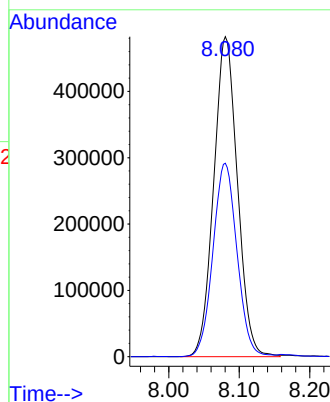
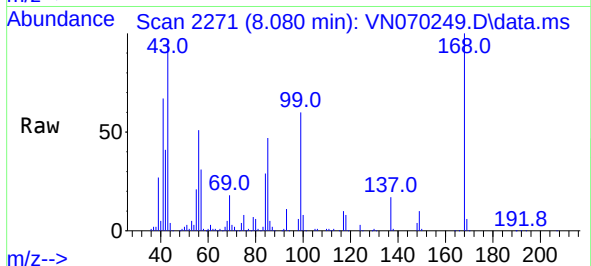




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

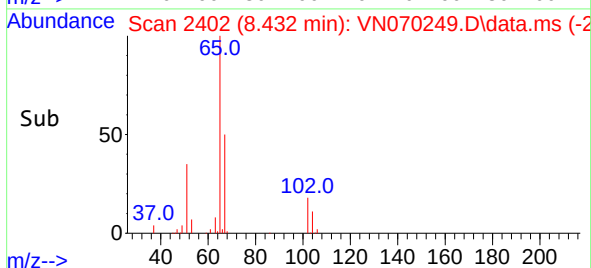
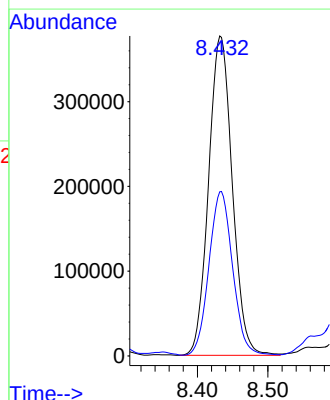
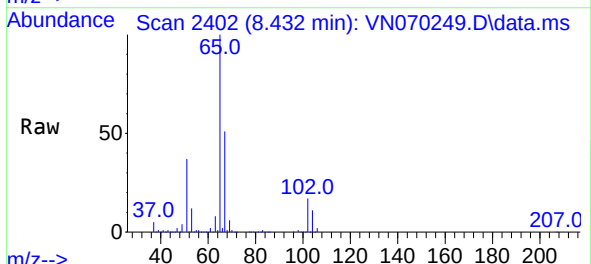
Instrument :
MSVOA_N
ClientSampleId :
DA-6-4.5

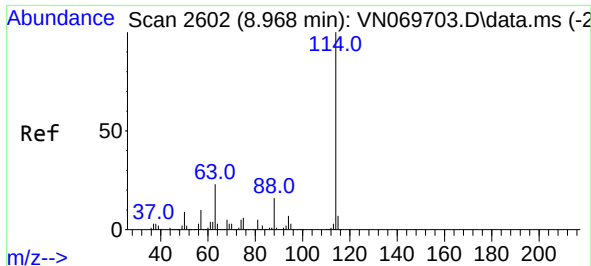
Tgt Ion:168 Resp: 1129091
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.47 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

Tgt Ion: 65 Resp: 879777
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0

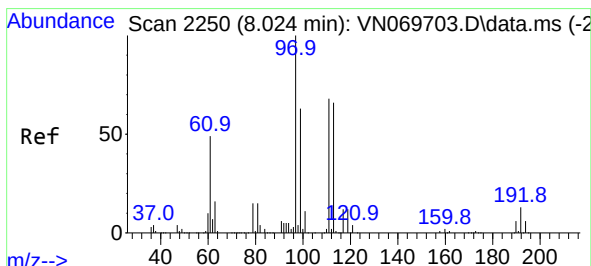
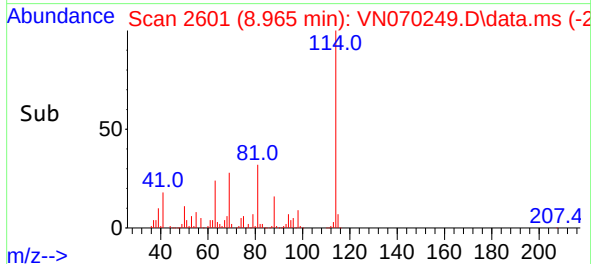
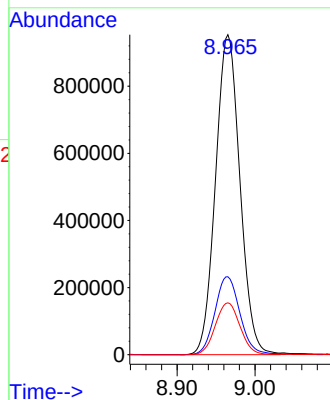
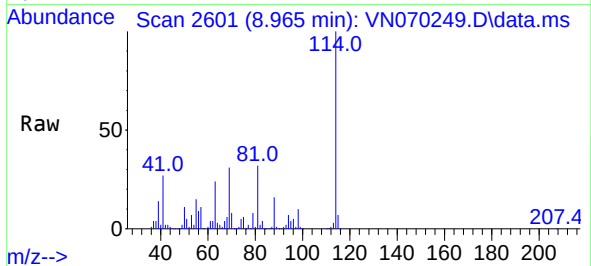




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2072
Delta R.T. -0.003 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

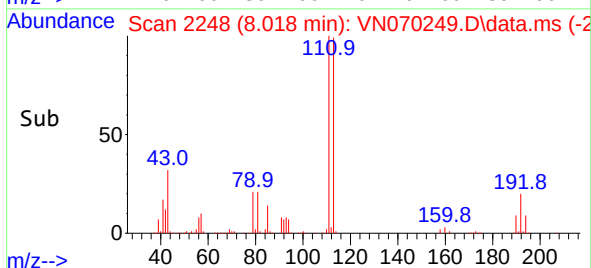
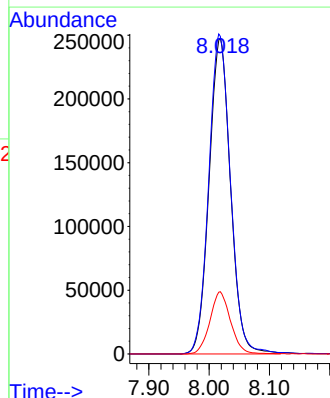
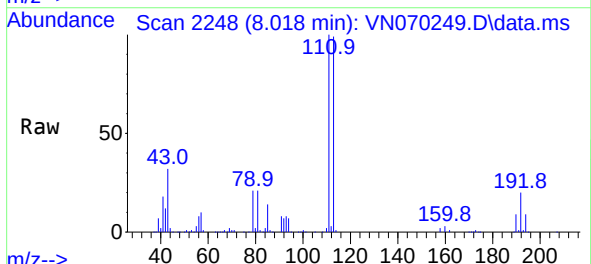
Instrument :
MSVOA_N
ClientSampleId :
DA-6-4.5

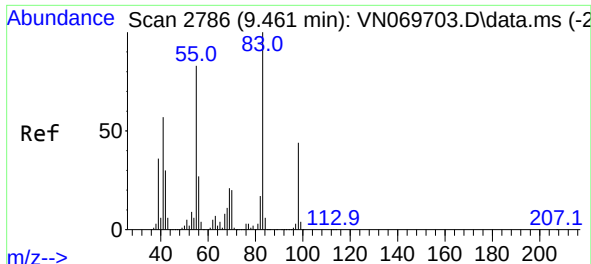
Tgt Ion:114 Resp: 2072243
Ion Ratio Lower Upper
114 100
63 24.3 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.08 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

Tgt Ion:113 Resp: 611072
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.0 16.9 25.3





#39

Methylcyclohexane

Concen: 130.60 ug/l

RT: 9.453 min Scan# 21

Delta R.T. -0.008 min

Lab File: VN070249.D

Acq: 20 Dec 2021 18:52

Instrument :

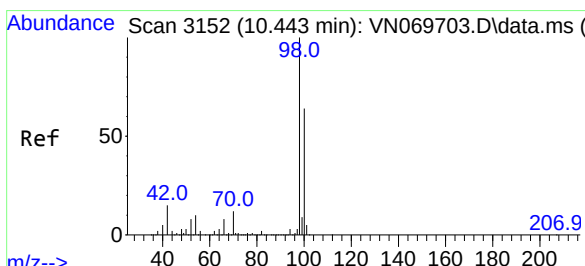
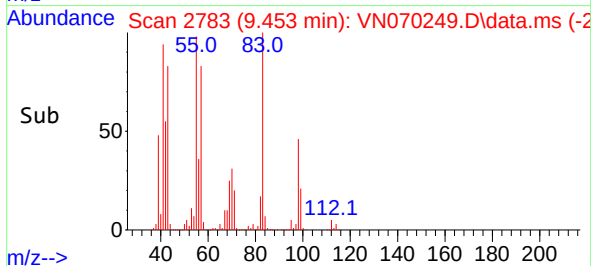
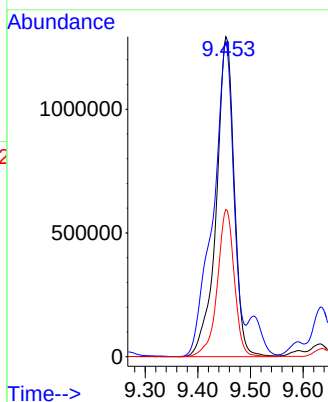
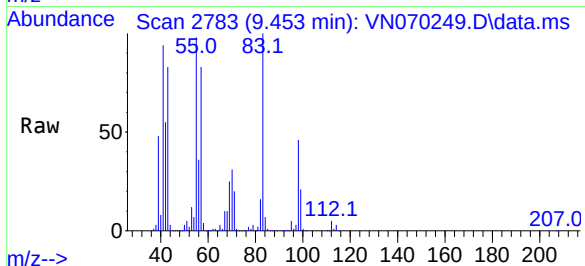
MSVOA_N

ClientSampleId :

DA-6-4.5

Tgt Ion: 83 Resp: 3064639

Ion	Ratio	Lower	Upper
83	100		
55	98.4	58.1	87.1#
98	46.0	38.4	57.6



#50

Toluene-d8

Concen: 56.59 ug/l

RT: 10.440 min Scan# 3151

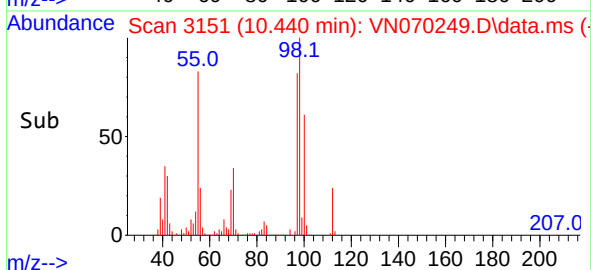
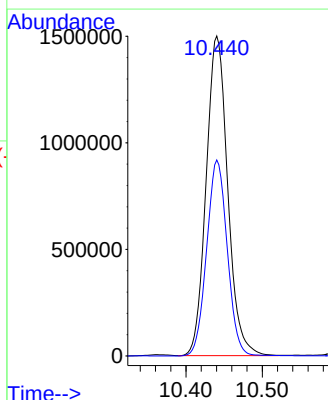
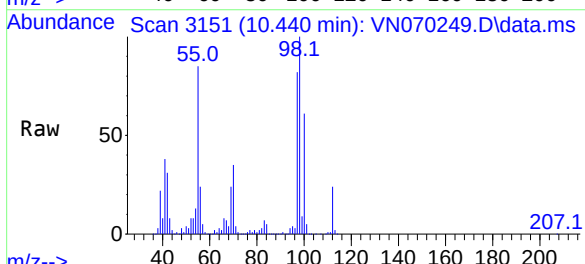
Delta R.T. -0.003 min

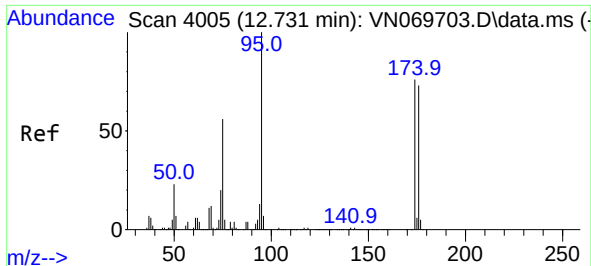
Lab File: VN070249.D

Acq: 20 Dec 2021 18:52

Tgt Ion: 98 Resp: 2949313

Ion	Ratio	Lower	Upper
98	100		
100	58.7	50.4	75.6

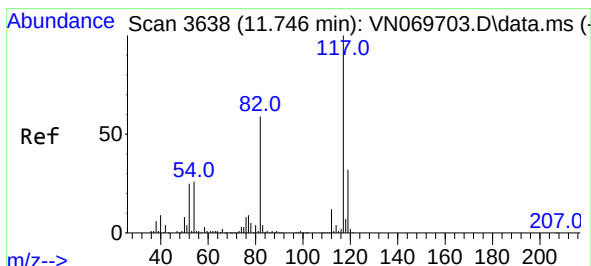
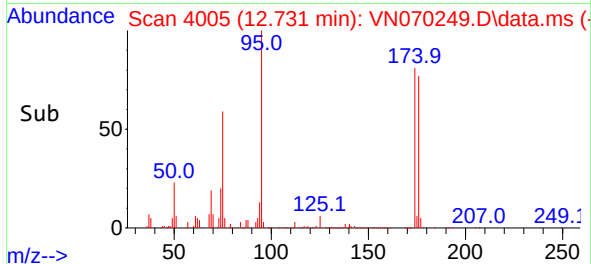
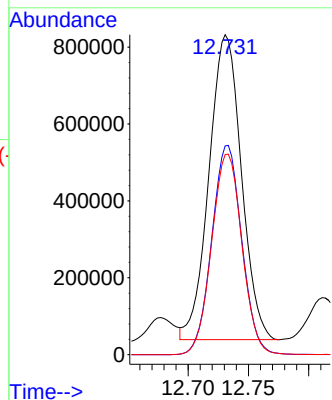
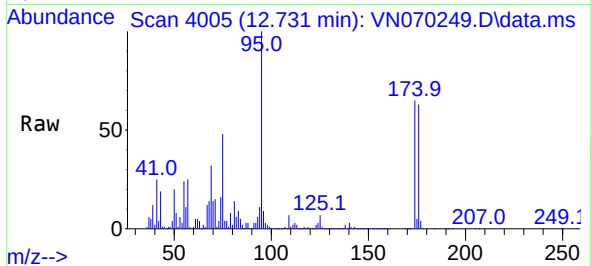




#62
4-Bromofluorobenzene
Concen: 78.41 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

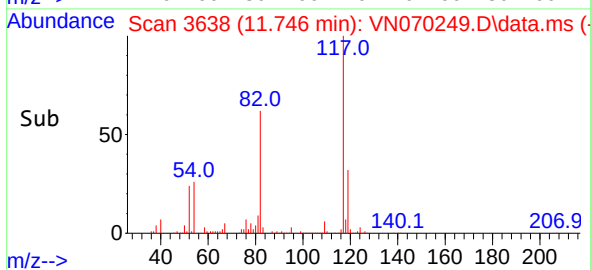
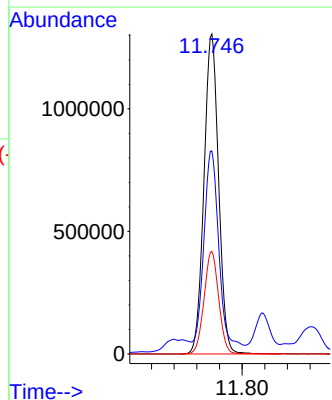
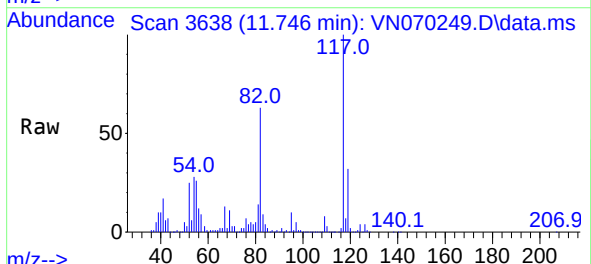
Instrument :
MSVOA_N
ClientSampleId :
DA-6-4.5

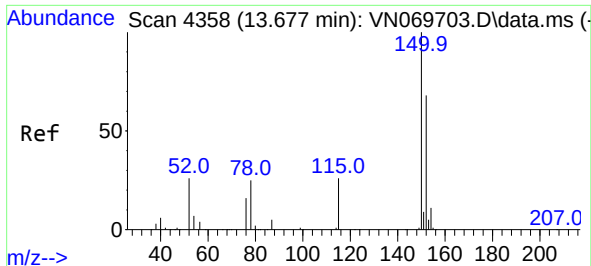
Tgt Ion: 95 Resp: 1480525
Ion Ratio Lower Upper
95 100
174 63.8 0.0 187.2
176 61.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

Tgt Ion: 117 Resp: 2339193
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.0 25.4 38.2



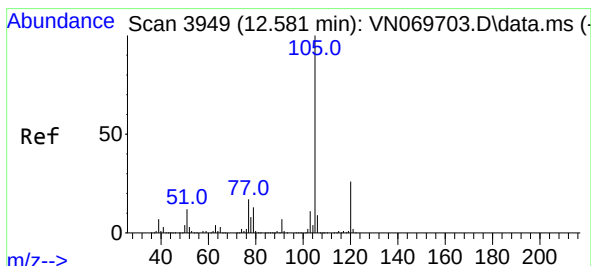
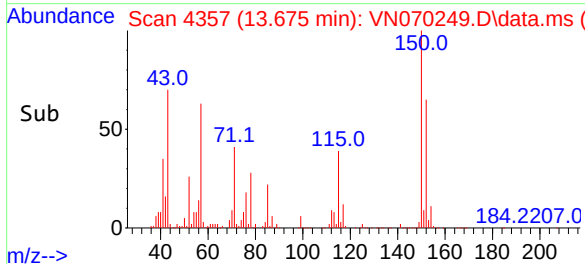
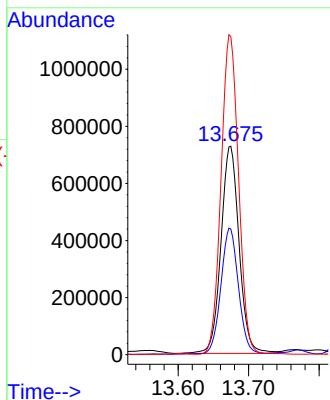
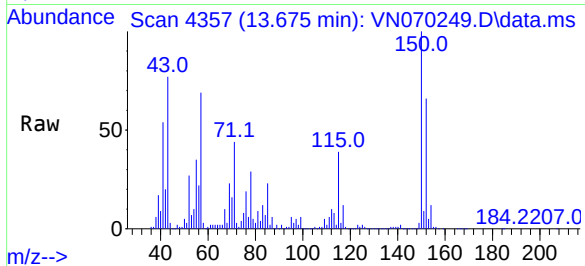


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070249.D
 Acq: 20 Dec 2021 18:52

Instrument :
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 ClientSampleId :
 DA-6-4.5

Tgt Ion:152 Resp: 1298428

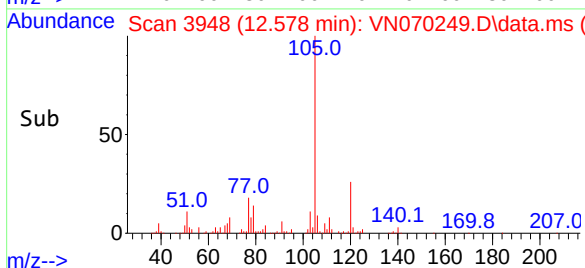
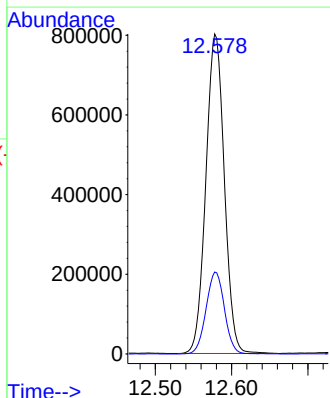
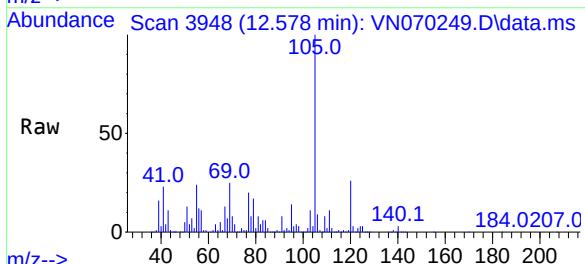
Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.5	82.5
150	148.5	0.0	344.4

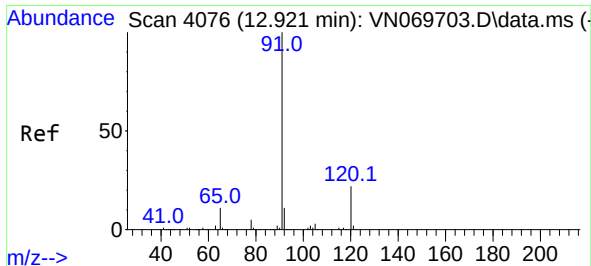


#73
 Isopropylbenzene
 Concen: 11.67 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. -0.003 min
 Lab File: VN070249.D
 Acq: 20 Dec 2021 18:52

Tgt Ion:105 Resp: 1348148

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.4	40.1

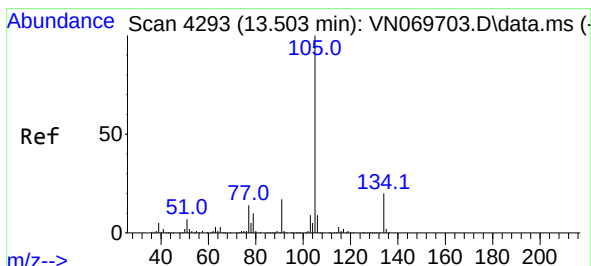
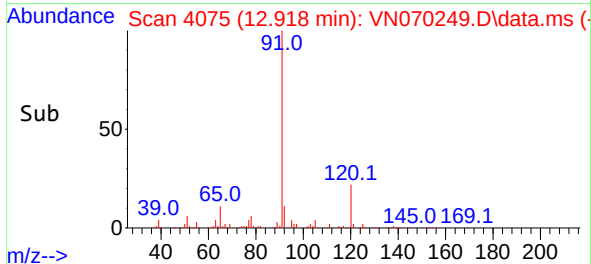
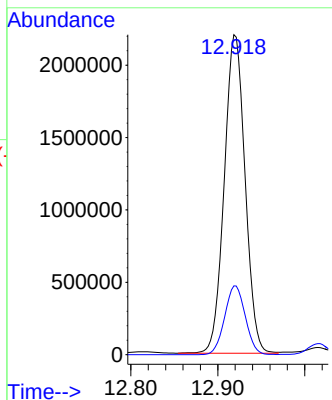
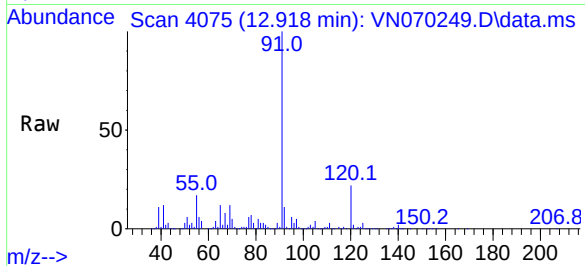




#78
n-propylbenzene
Concen: 28.46 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

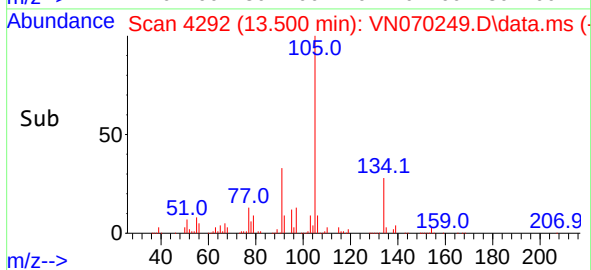
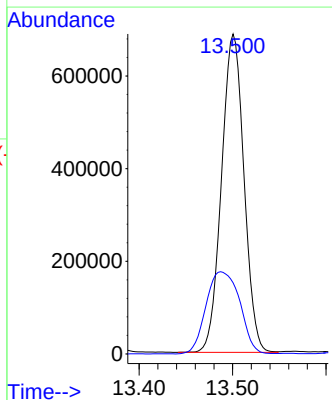
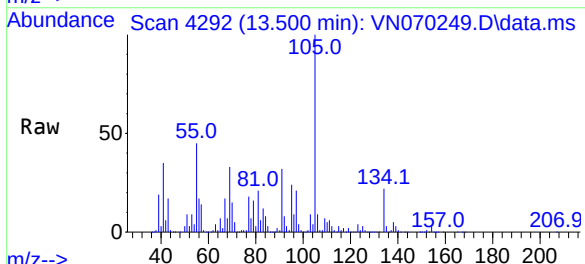
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MSVOA_N
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DA-6-4.5

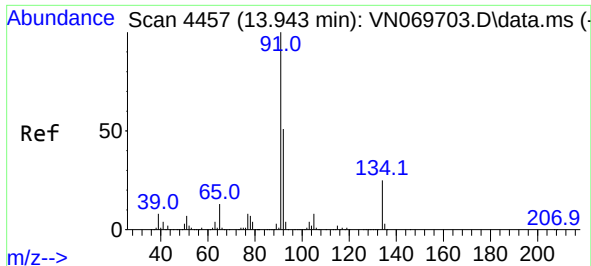
Tgt Ion: 91 Resp: 3658009
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9



#85
sec-Butylbenzene
Concen: 10.27 ug/l
RT: 13.500 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

Tgt Ion:105 Resp: 1146996
Ion Ratio Lower Upper
105 100
134 38.8 10.4 31.1#

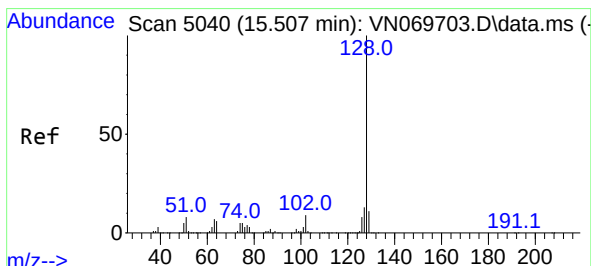
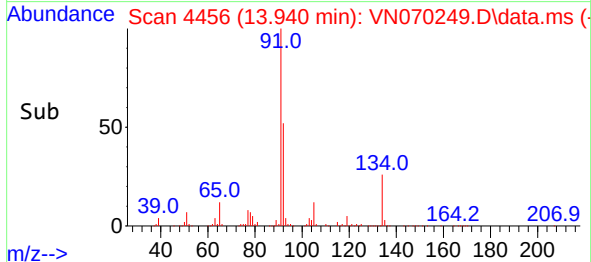
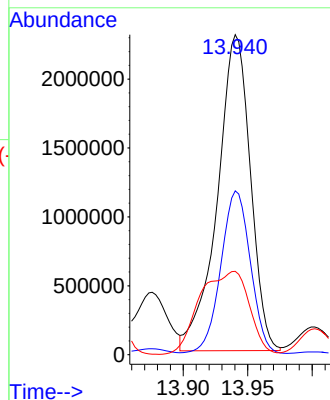
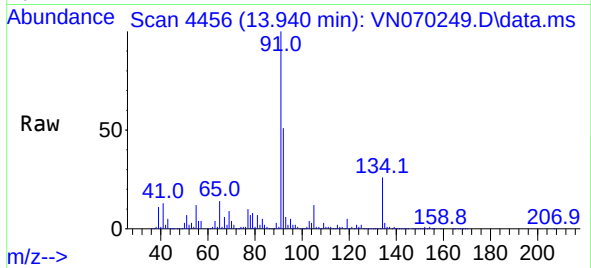




#89
n-Butylbenzene
Concen: 57.67 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

Instrument :
MSVOA_N
ClientSampleId :
DA-6-4.5

Tgt Ion: 91 Resp: 4083432
Ion Ratio Lower Upper
91 100
92 46.2 25.4 76.0
134 39.3 13.6 40.8



#95
Naphthalene
Concen: 81.24 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070249.D
Acq: 20 Dec 2021 18:52

Tgt Ion:128 Resp: 5326473
Ion Ratio Lower Upper
128 100
127 14.5 10.5 15.7
129 9.3 8.7 13.1

