

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071169.D
 Acq On : 04 Mar 2022 15:17
 Operator : JC\MD
 Sample : N1776-03DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF-03-22DL

Quant Time: Mar 04 22:17:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

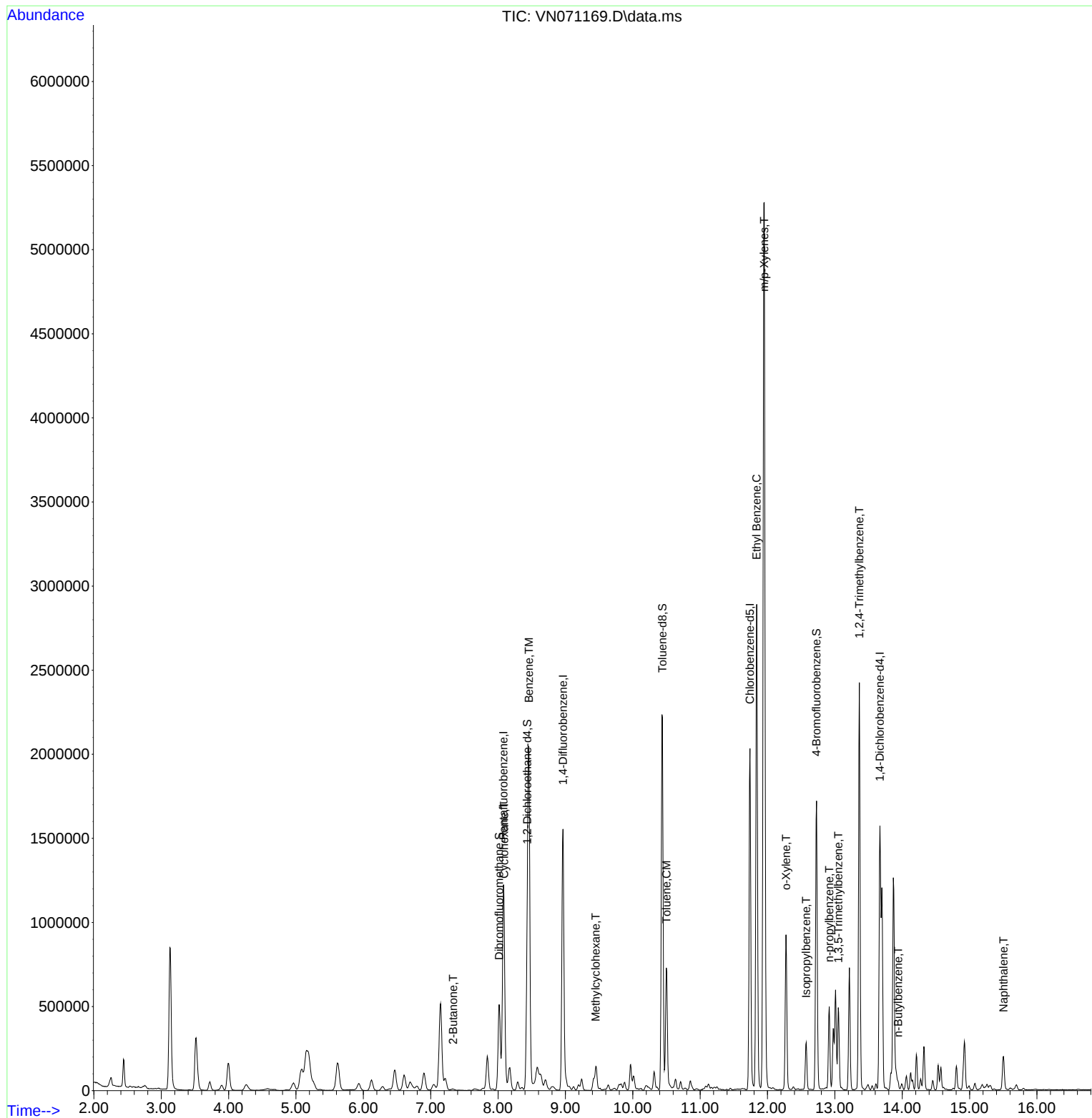
Internal Standards						
1) Pentafluorobenzene	8.081	168	809368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1287567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1152531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	436431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	487590	52.738	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.480%
35) Dibromofluoromethane	8.016	113	375695	49.056	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.120%
50) Toluene-d8	10.439	98	1574356	51.189	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.727	95	603200	54.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.740%
Target Compounds						
					Qvalue	
25) 2-Butanone	7.334	43	9359	1.382	ug/l #	87
31) Cyclohexane	8.092	56	140134	8.764	ug/l #	94
39) Methylcyclohexane	9.451	83	57236	3.545	ug/l	90
40) Benzene	8.457	78	1957499	52.742	ug/l	98
52) Toluene	10.498	92	322706	13.837	ug/l	96
67) Ethyl Benzene	11.839	91	2080232	47.857	ug/l	98
68) m/p-Xylenes	11.951	106	1819954	108.394	ug/l	99
69) o-Xylene	12.274	106	250300	15.261	ug/l	95
73) Isopropylbenzene	12.574	105	191615	5.455	ug/l	98
78) n-propylbenzene	12.916	91	403270	10.217	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	268974	9.451	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1338310	47.771	ug/l	100
89) n-Butylbenzene	13.939	91	29664	1.245	ug/l #	79
95) Naphthalene	15.504	128	197085	14.082	ug/l	99

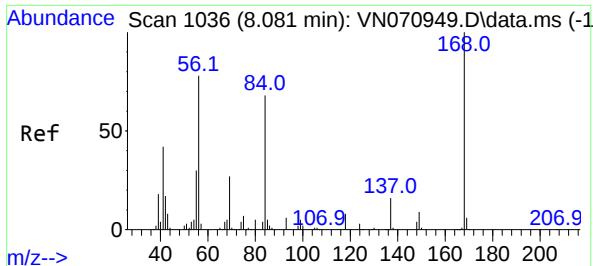
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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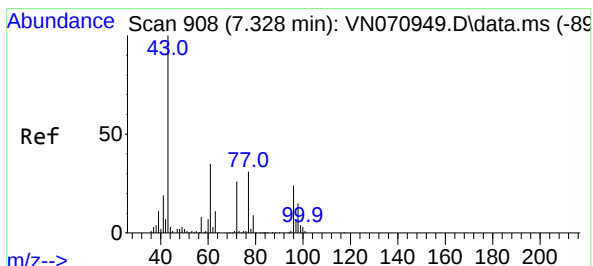
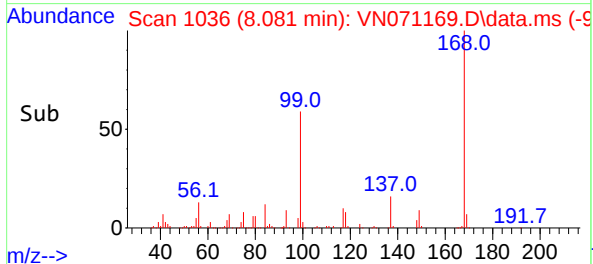
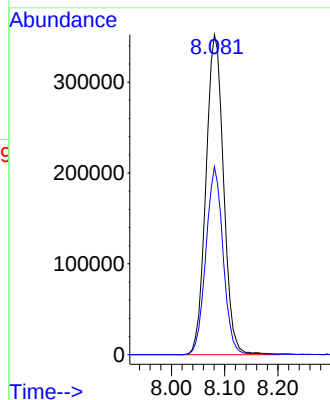
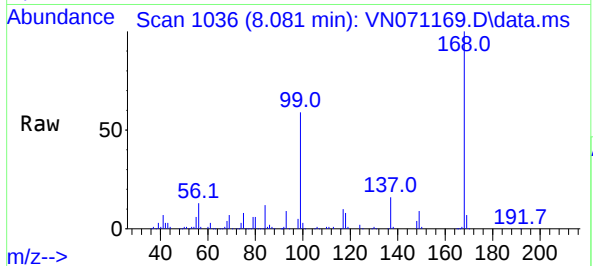




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

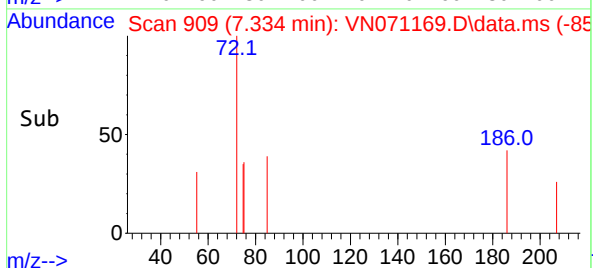
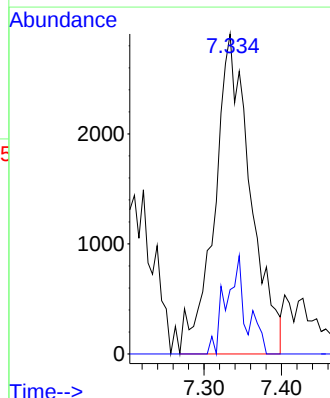
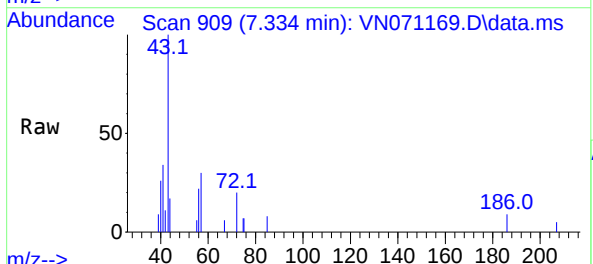
Instrument :
MSVOA_N
ClientSampleId :
INF-03-22DL

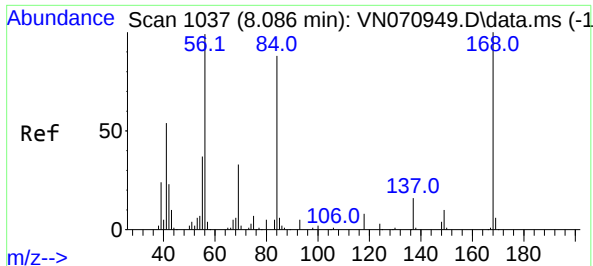
Tgt Ion:168 Resp: 809368
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9



#25
2-Butanone
Concen: 1.382 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 43 Resp: 9359
Ion Ratio Lower Upper
43 100
72 20.1 21.7 32.5#

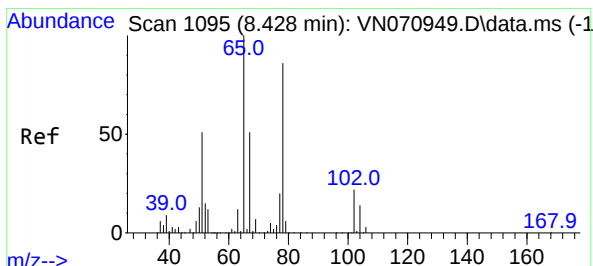
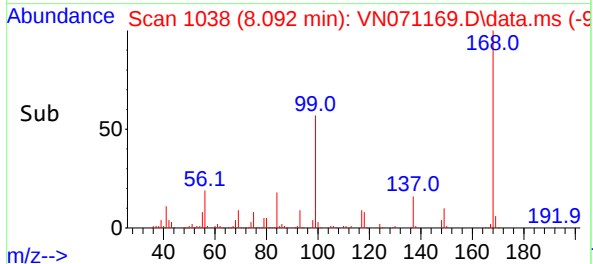
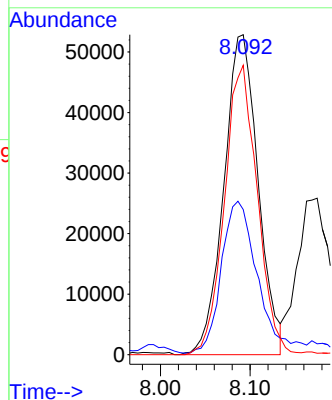
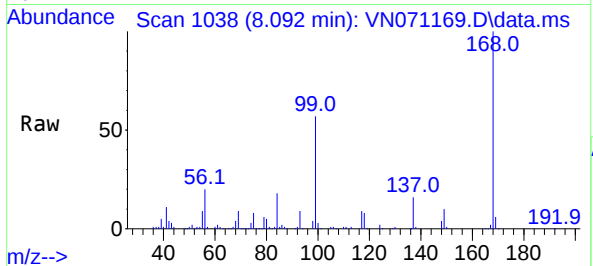




#31
Cyclohexane
Concen: 8.764 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

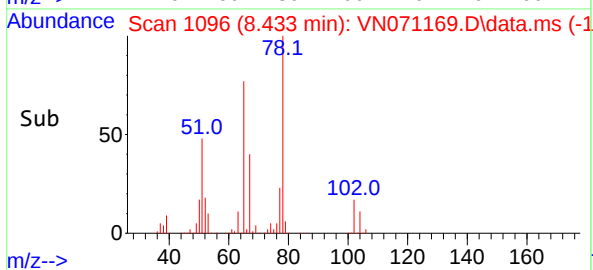
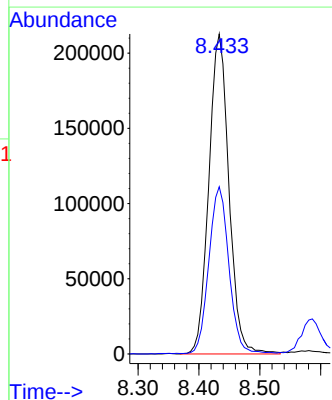
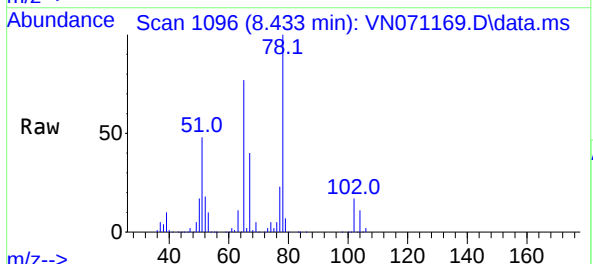
Instrument :
MSVOA_N
ClientSampleId :
INF-03-22DL

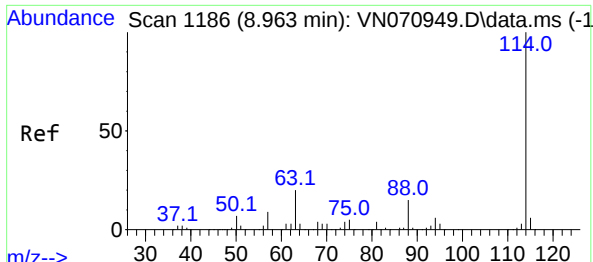
Tgt Ion: 56 Resp: 140134
Ion Ratio Lower Upper
56 100
69 44.7 27.1 40.7#
84 90.5 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 52.738 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 65 Resp: 487590
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071169.D

Acq: 04 Mar 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

INF-03-22DL

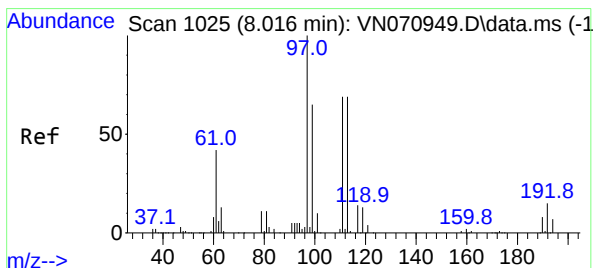
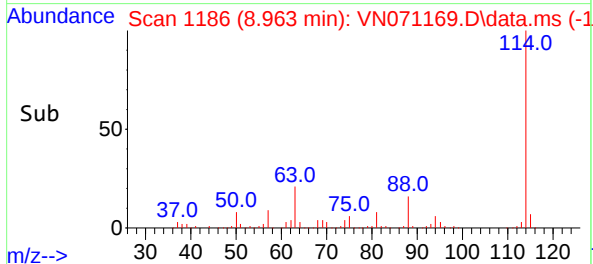
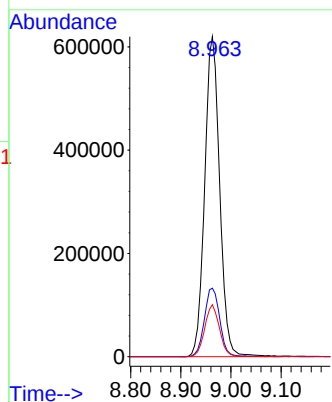
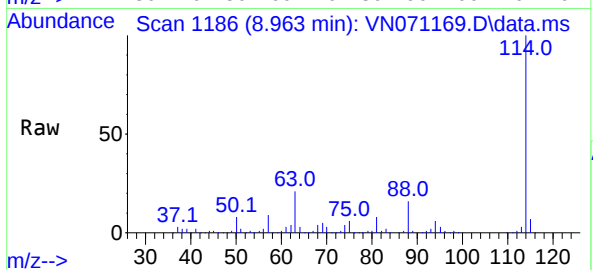
Tgt Ion:114 Resp: 1287567

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.056 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071169.D

Acq: 04 Mar 2022 15:17

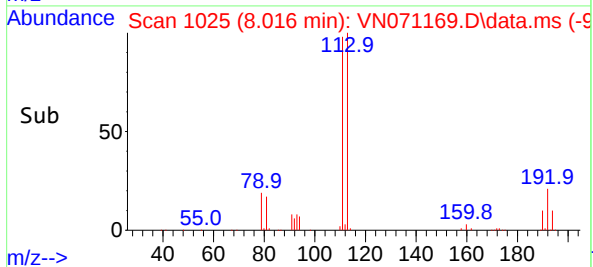
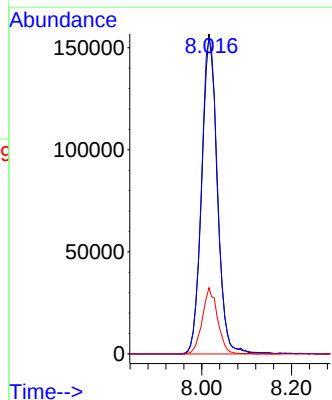
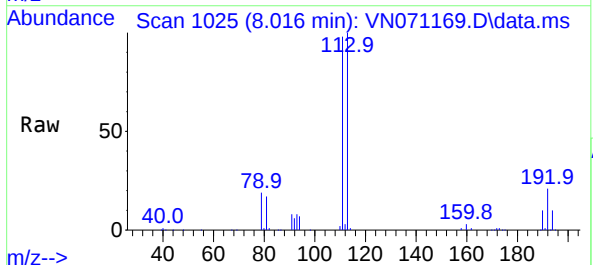
Tgt Ion:113 Resp: 375695

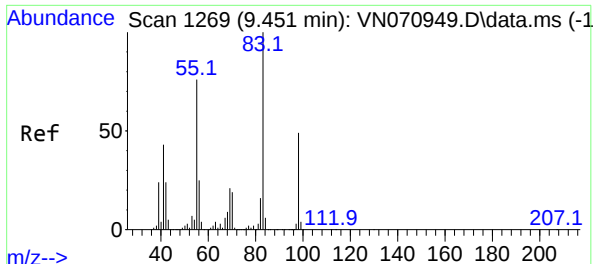
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 20.3 16.9 25.3

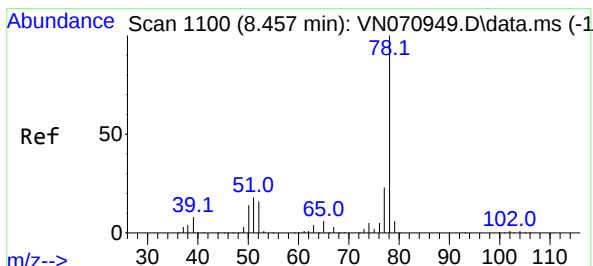
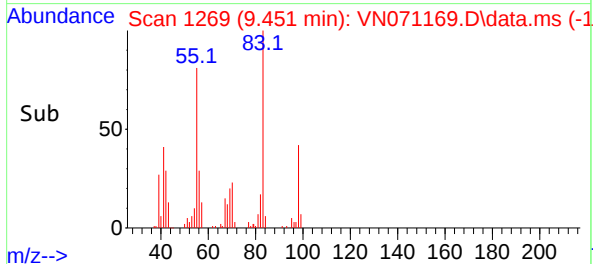
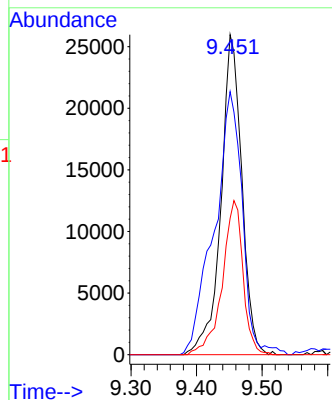
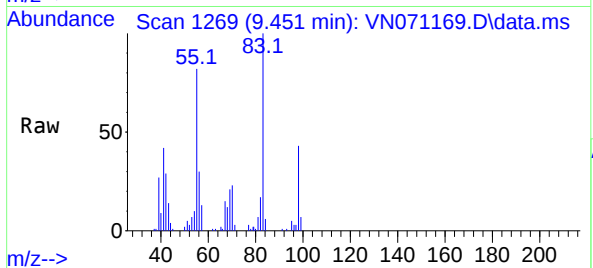




#39
Methylcyclohexane
Concen: 3.545 ug/l
RT: 9.451 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

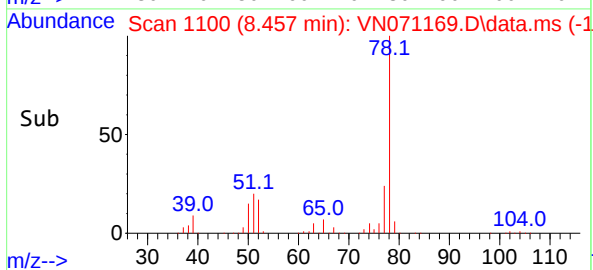
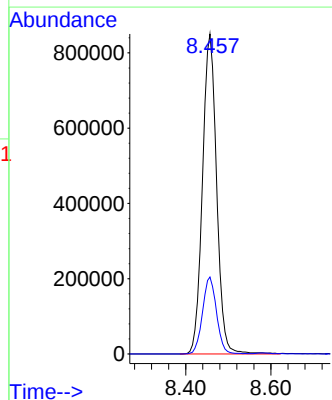
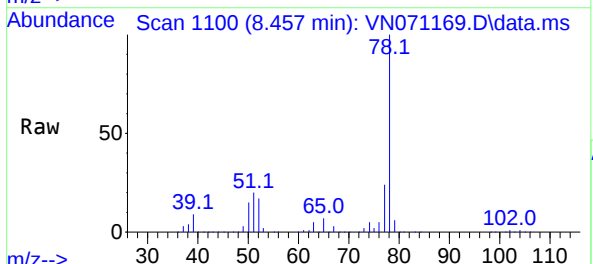
Instrument :
MSVOA_N
ClientSampleId :
INF-03-22DL

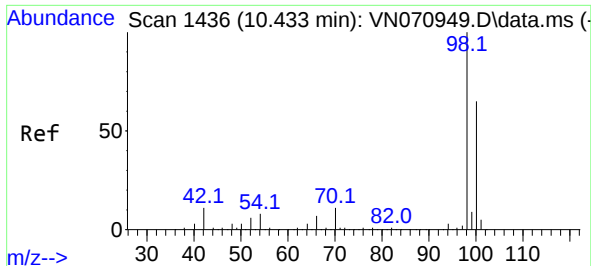
Tgt Ion: 83 Resp: 57236
Ion Ratio Lower Upper
83 100
55 82.2 58.1 87.1
98 42.6 38.4 57.6



#40
Benzene
Concen: 52.742 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 78 Resp: 1957499
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8

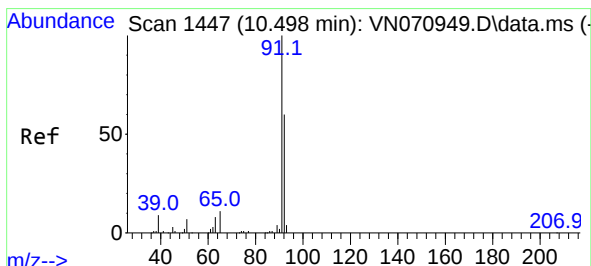
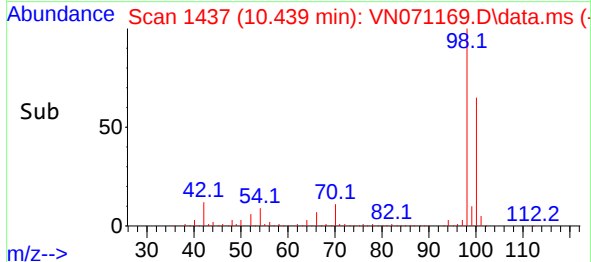
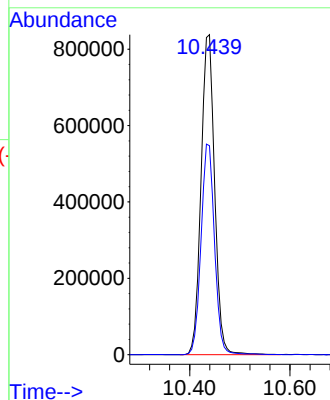
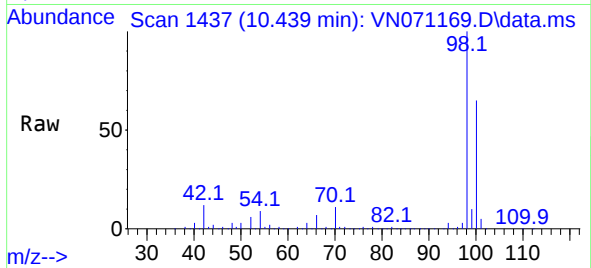




#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

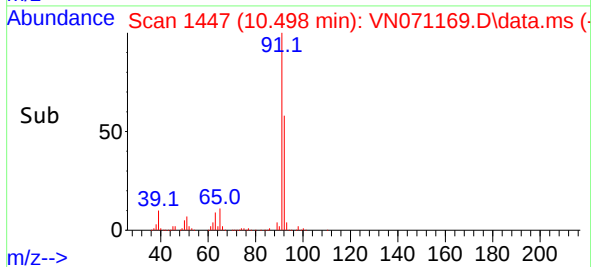
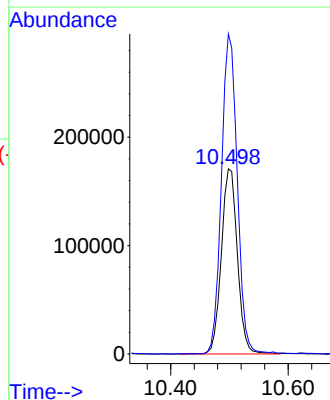
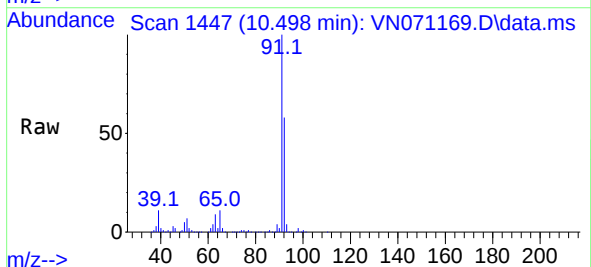
Instrument :
MSVOA_N
ClientSampleId :
INF-03-22DL

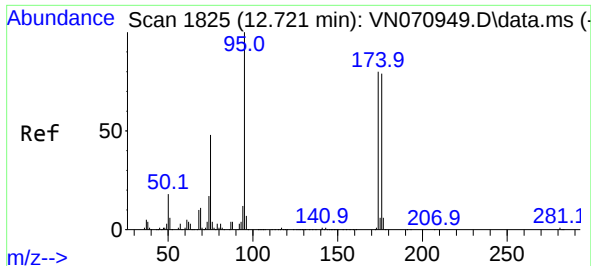
Tgt Ion: 98 Resp: 1574356
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#52
Toluene
Concen: 13.837 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 92 Resp: 322706
Ion Ratio Lower Upper
92 100
91 171.4 142.0 213.0



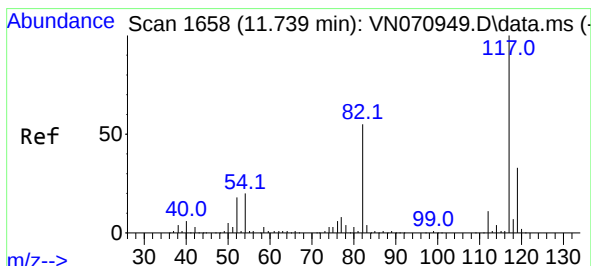
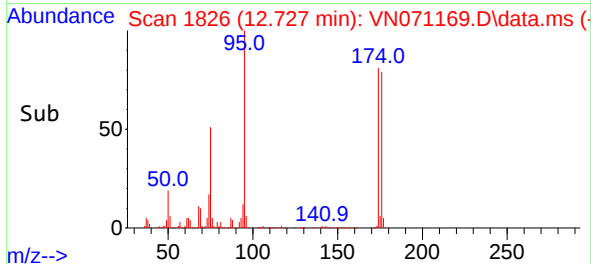
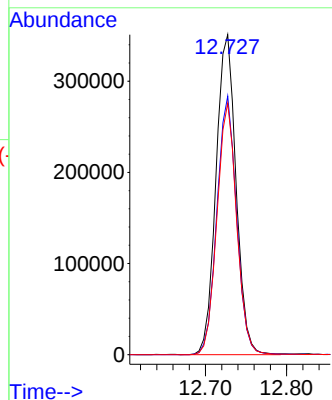
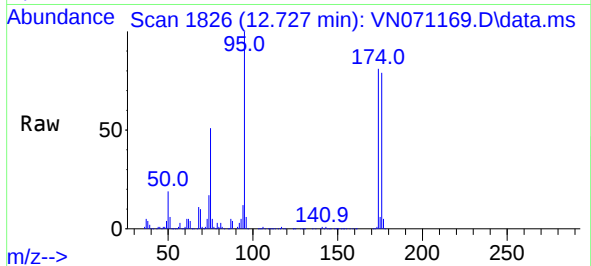


#62
4-Bromofluorobenzene
Concen: 54.869 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
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Tgt Ion: 95 Resp: 603200

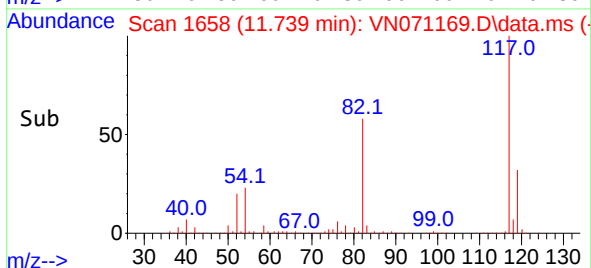
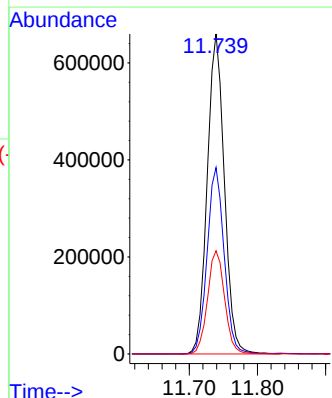
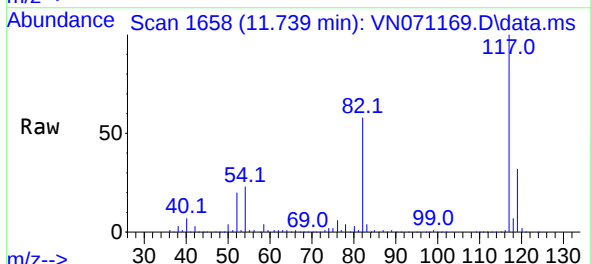
Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	187.2
176	77.1	0.0	181.4

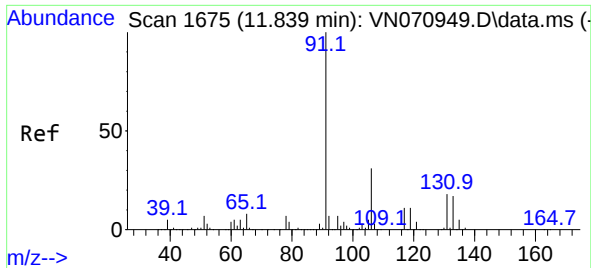


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 117 Resp: 1152531

Ion	Ratio	Lower	Upper
117	100		
82	58.2	42.4	63.6
119	32.3	25.4	38.2

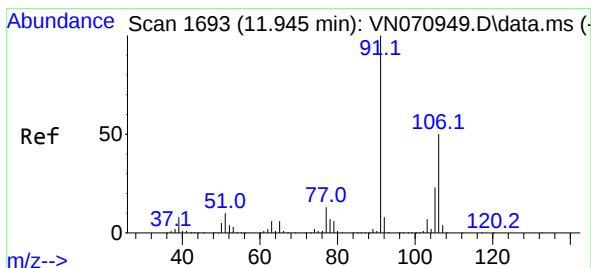
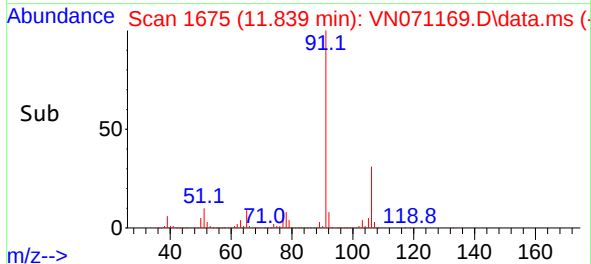
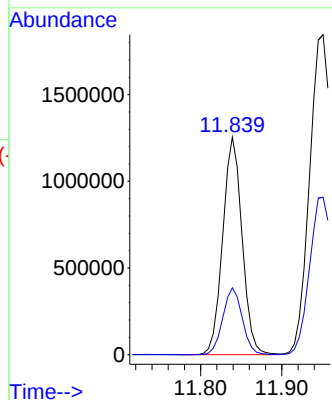
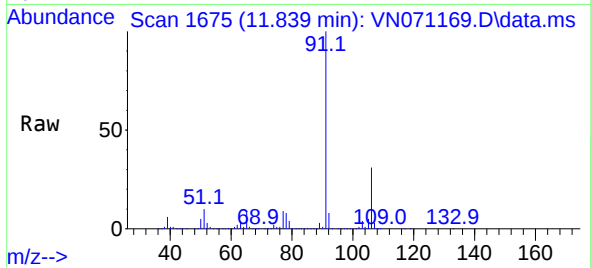




#67
Ethyl Benzene
Concen: 47.857 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

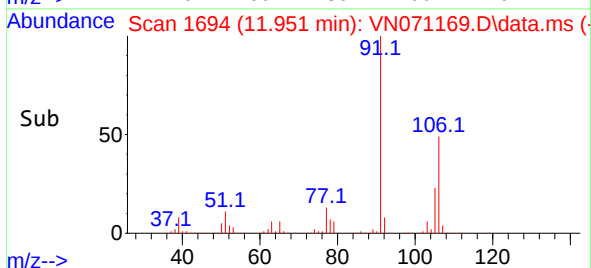
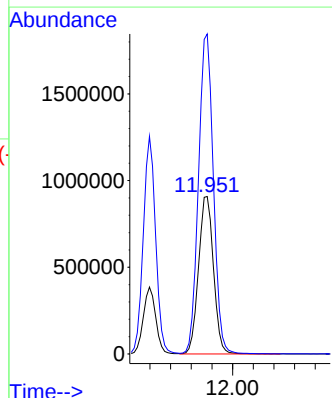
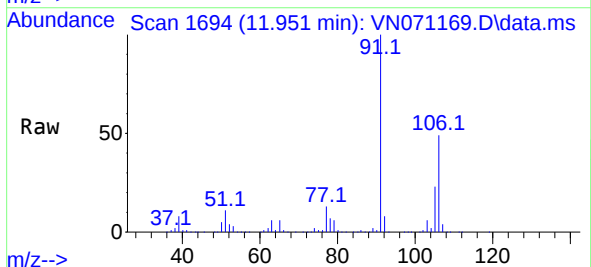
Instrument :
MSVOA_N
ClientSampleId :
INF-03-22DL

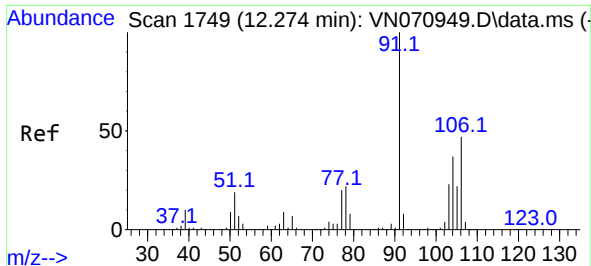
Tgt Ion: 91 Resp: 2080232
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5



#68
m/p-Xylenes
Concen: 108.394 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:106 Resp: 1819954
Ion Ratio Lower Upper
106 100
91 202.5 160.6 240.8

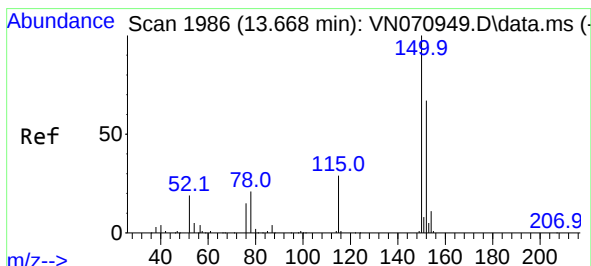
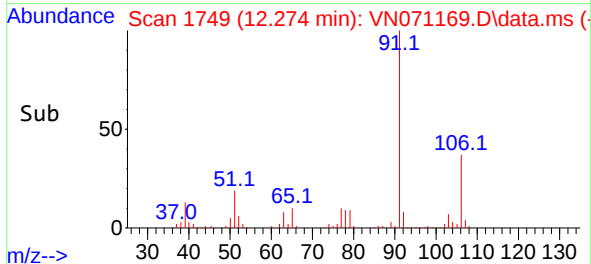
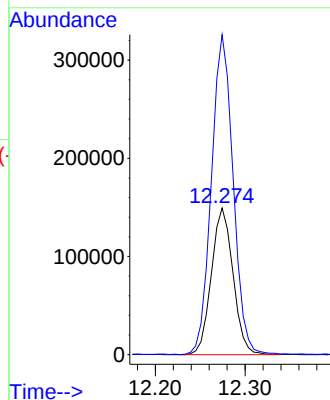
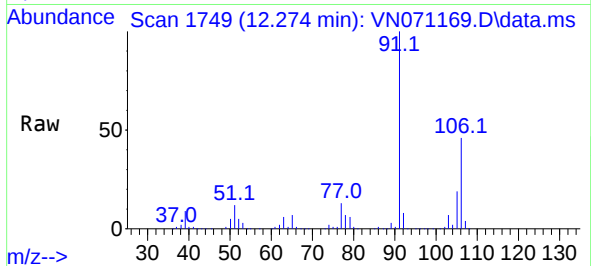




#69
o-Xylene
Concen: 15.261 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

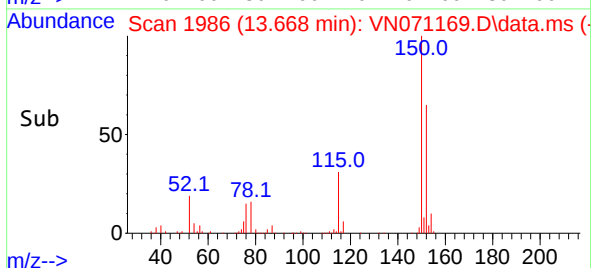
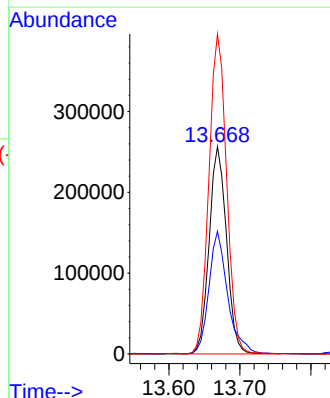
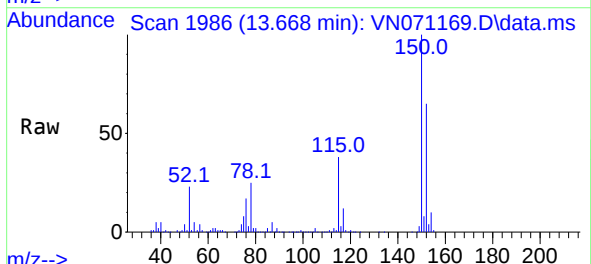
Instrument :
MSVOA_N
ClientSampleId :
INF-03-22DL

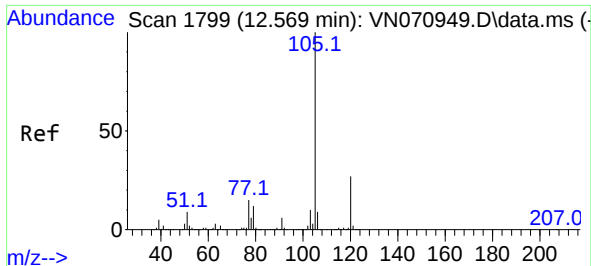
Tgt Ion:106 Resp: 250300
Ion Ratio Lower Upper
106 100
91 218.9 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:152 Resp: 436431
Ion Ratio Lower Upper
152 100
115 64.3 27.5 82.5
150 156.8 0.0 344.4

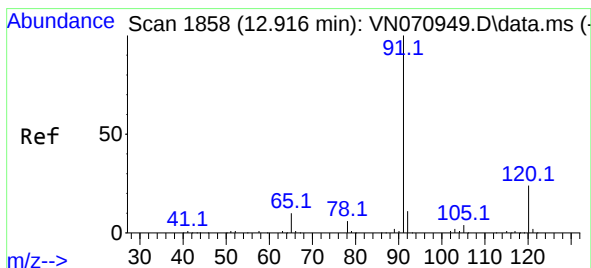
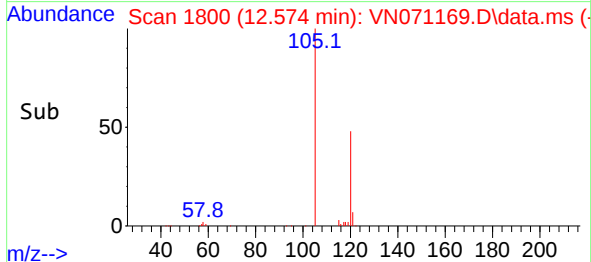
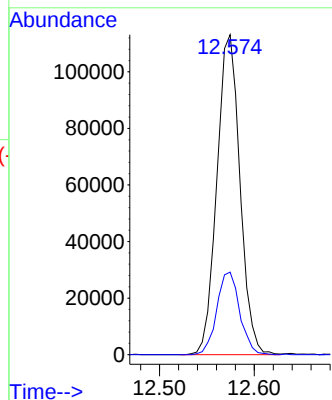
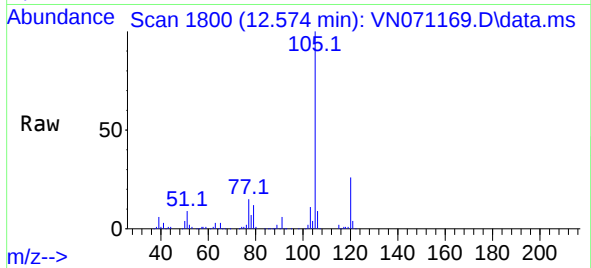




#73
Isopropylbenzene
Concen: 5.455 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

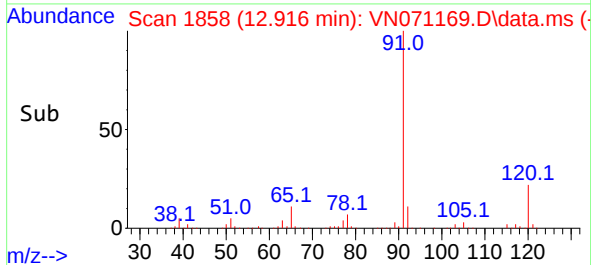
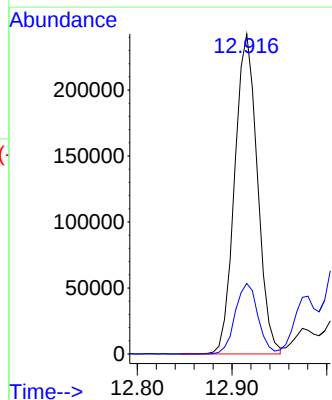
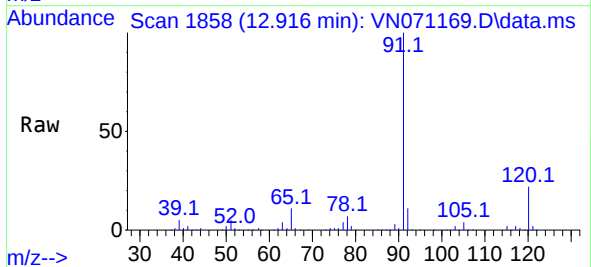
Instrument :
MSVOA_N
ClientSampleId :
INF-03-22DL

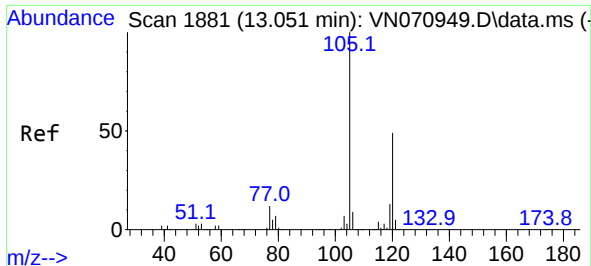
Tgt Ion:105 Resp: 191615
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#78
n-propylbenzene
Concen: 10.217 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 91 Resp: 403270
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9

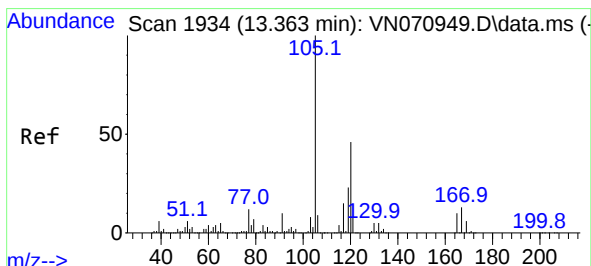
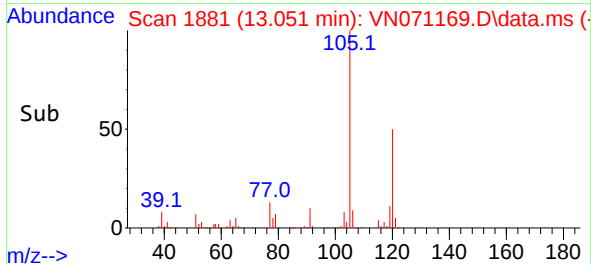
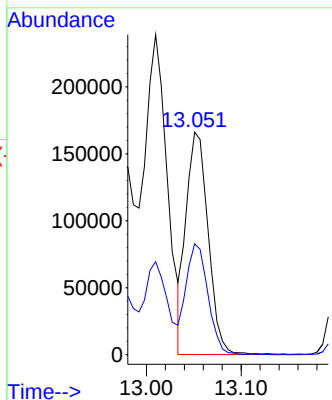
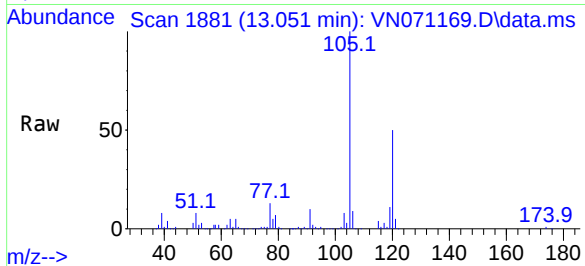




#80
1,3,5-Trimethylbenzene
Concen: 9.451 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

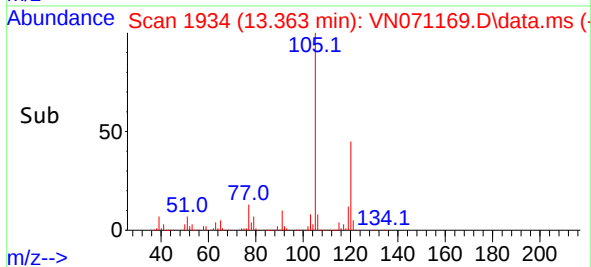
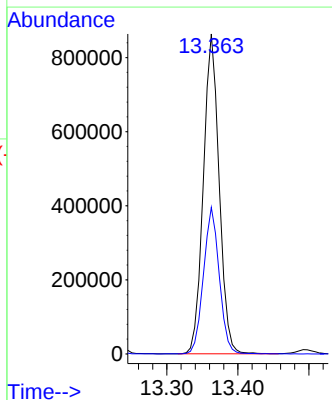
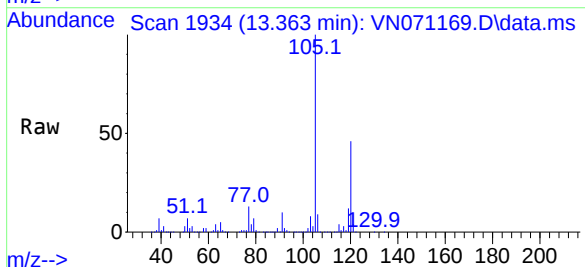
Instrument :
MSVOA_N
ClientSampleId :
INF-03-22DL

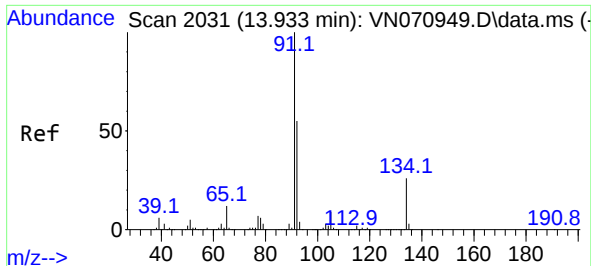
Tgt Ion:105 Resp: 268974
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 47.771 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion:105 Resp: 1338310
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4

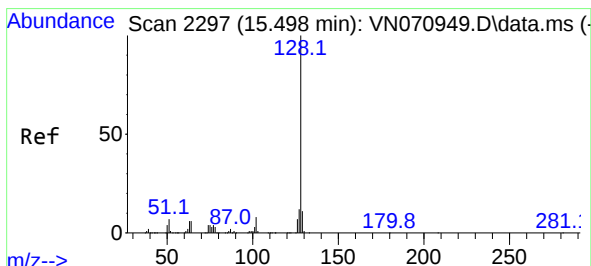
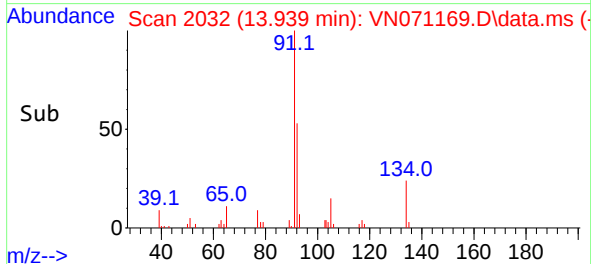
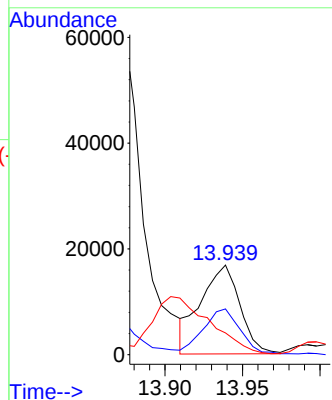
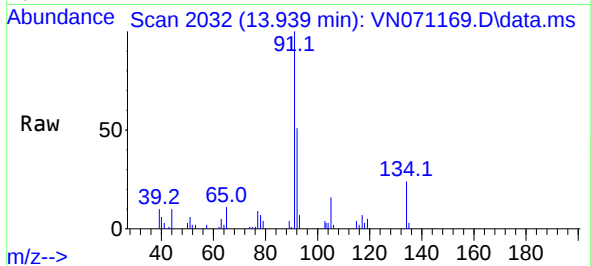




#89
n-Butylbenzene
Concen: 1.245 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :
INF-03-22DL

Tgt Ion: 91 Resp: 29664
Ion Ratio Lower Upper
91 100
92 47.3 25.4 76.0
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 14.082 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071169.D
Acq: 04 Mar 2022 15:17

Tgt Ion: 128 Resp: 197085
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1

