

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072109.D
 Acq On : 21 Apr 2022 04:43
 Operator : JC\MD
 Sample : N2482-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-9

Quant Time: Apr 21 07:15:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

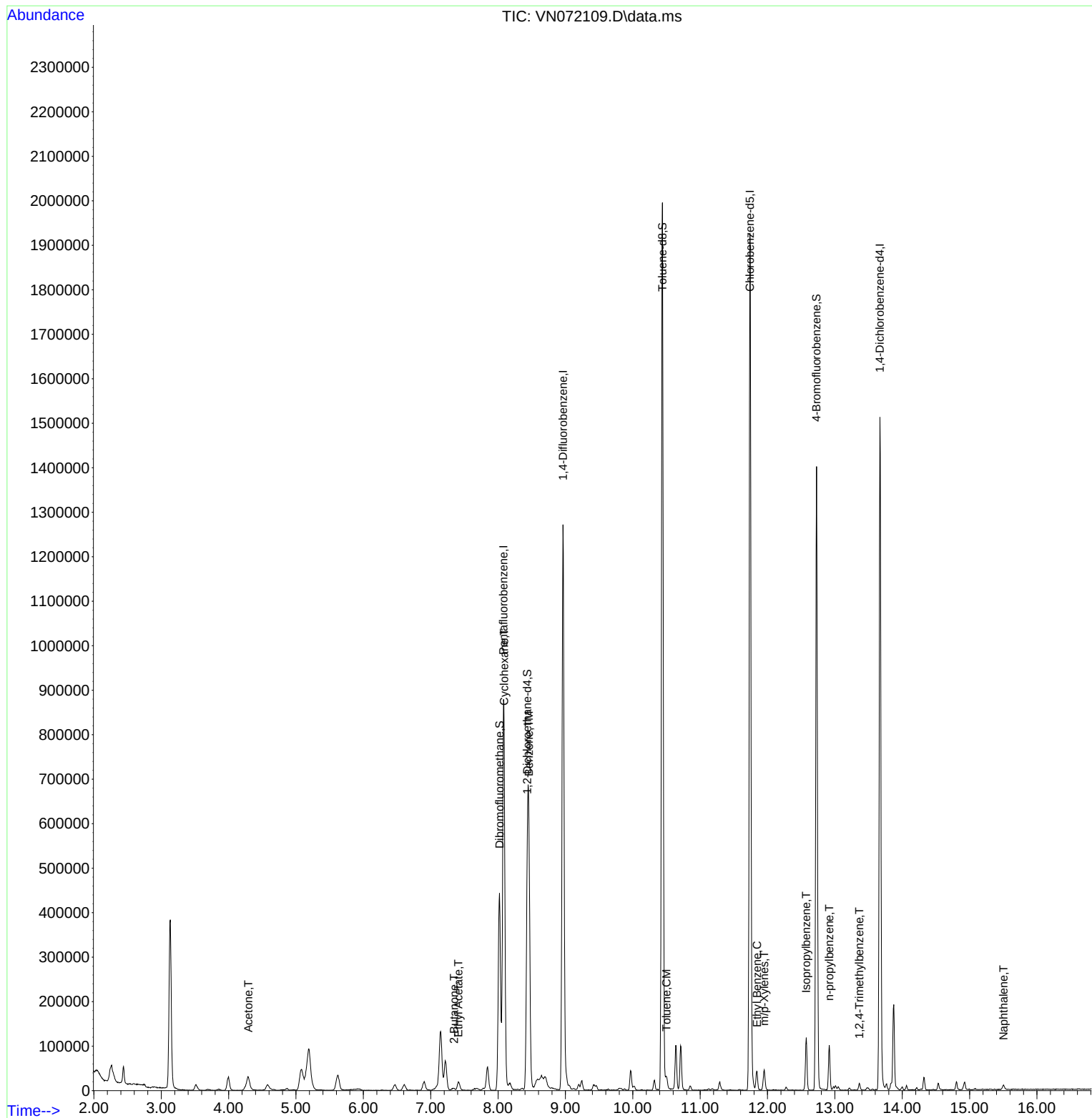
Internal Standards						
1) Pentafluorobenzene	8.080	168	696099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1165170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1208189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	455787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	366296	46.094	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.180%
35) Dibromofluoromethane	8.022	113	332936	48.559	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.120%
50) Toluene-d8	10.439	98	1469746	52.402	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.800%
62) 4-Bromofluorobenzene	12.727	95	494077	54.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.940%
Target Compounds						
					Qvalue	
16) Acetone	4.292	43	56076	16.512	ug/l	91
25) 2-Butanone	7.345	43	6525	1.333	ug/l #	82
31) Cyclohexane	8.092	56	50768	4.698	ug/l #	74
37) Ethyl Acetate	7.410	43	29942	2.857	ug/l	96
40) Benzene	8.457	78	514816	17.021	ug/l	98
52) Toluene	10.498	92	8429	0.441	ug/l	96
67) Ethyl Benzene	11.845	91	32410	0.791	ug/l	95
68) m/p-Xylenes	11.951	106	16772	1.066	ug/l	97
73) Isopropylbenzene	12.574	105	78804	2.052	ug/l	98
78) n-propylbenzene	12.915	91	81799	2.025	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	9529	0.321	ug/l	99
95) Naphthalene	15.504	128	12156	4.344	ug/l	98

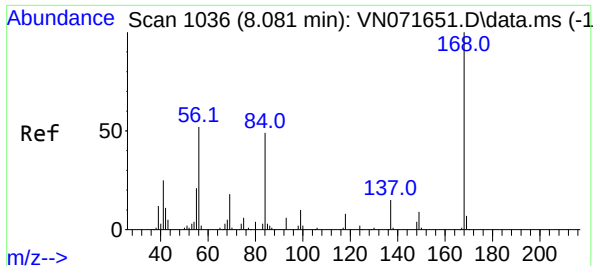
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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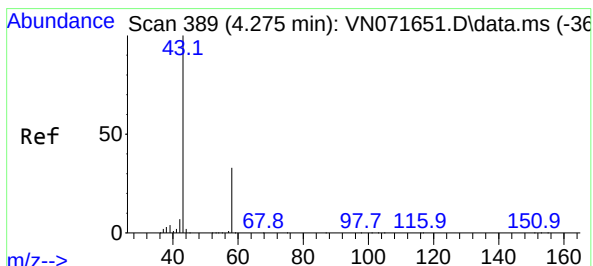
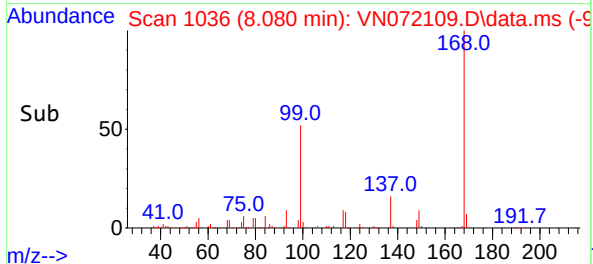
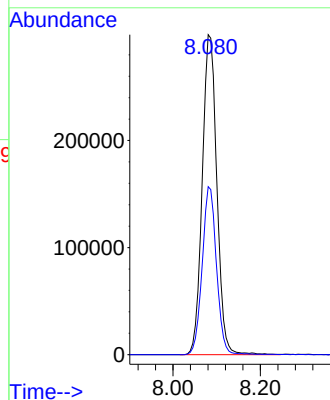
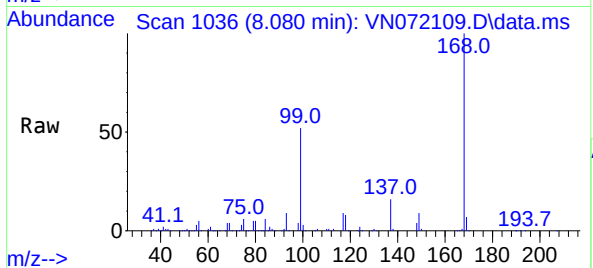




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

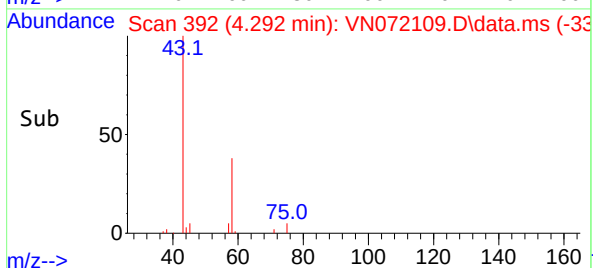
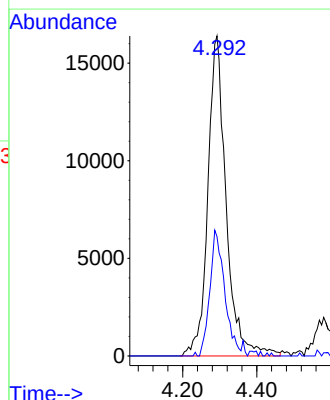
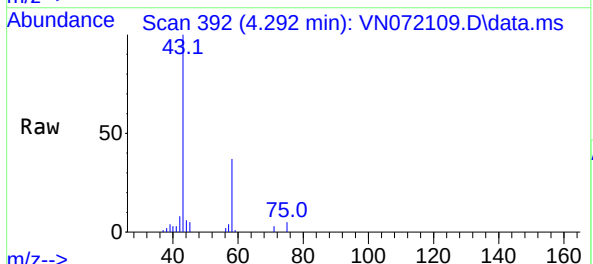
Instrument :
MSVOA_N
ClientSampleId :
SPN-9

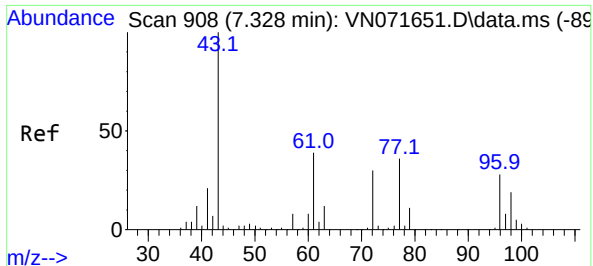
Tgt Ion:168 Resp: 696099
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5



#16
Acetone
Concen: 16.512 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

Tgt Ion: 43 Resp: 56076
Ion Ratio Lower Upper
43 100
58 37.3 26.0 39.0





#25

2-Butanone

Concen: 1.333 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072109.D

Acq: 21 Apr 2022 04:43

Instrument :

MSVOA_N

ClientSampleId :

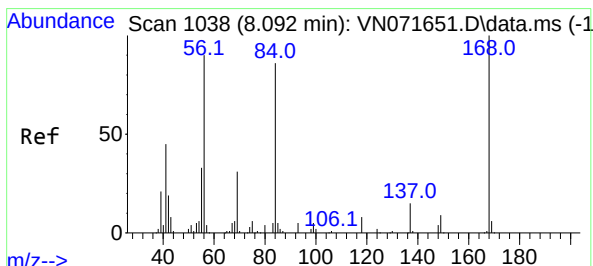
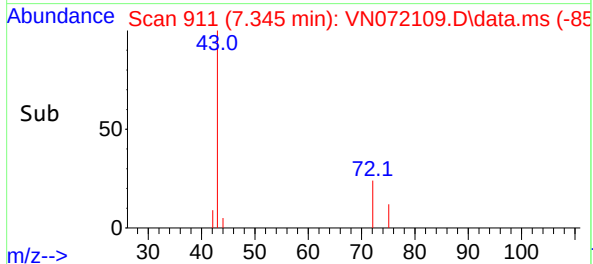
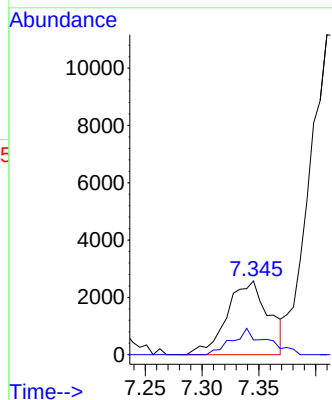
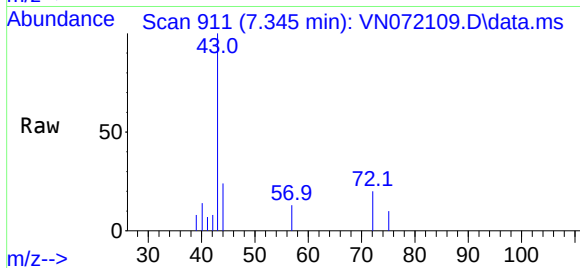
SPN-9

Tgt Ion: 43 Resp: 6525

Ion Ratio Lower Upper

43 100

72 20.0 23.7 35.5#



#31

Cyclohexane

Concen: 4.698 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072109.D

Acq: 21 Apr 2022 04:43

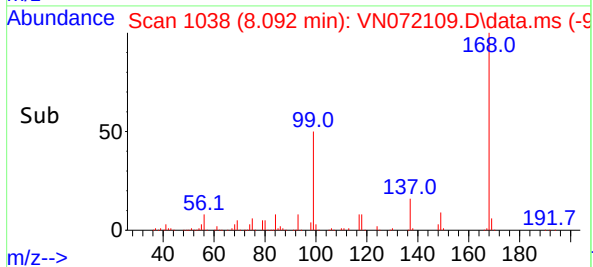
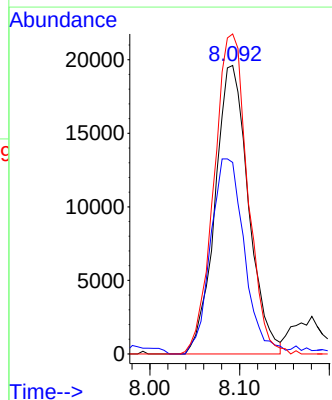
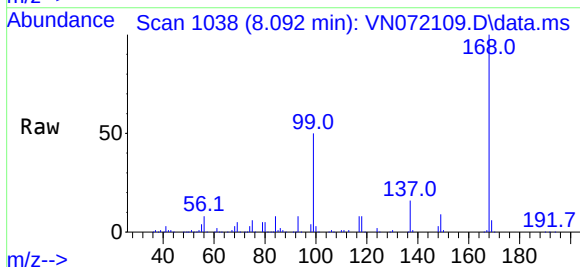
Tgt Ion: 56 Resp: 50768

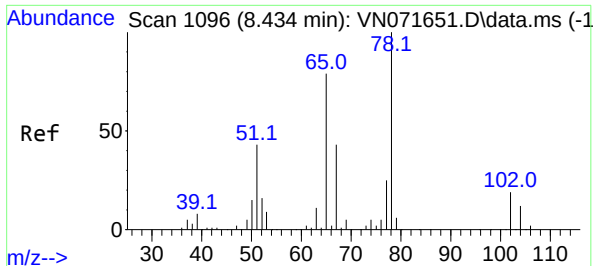
Ion Ratio Lower Upper

56 100

69 66.4 27.8 41.8#

84 110.9 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 46.094 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072109.D

Acq: 21 Apr 2022 04:43

Instrument :

MSVOA_N

ClientSampleId :

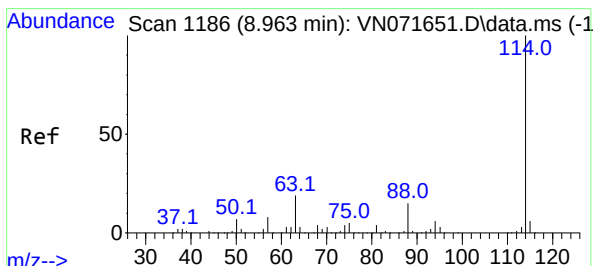
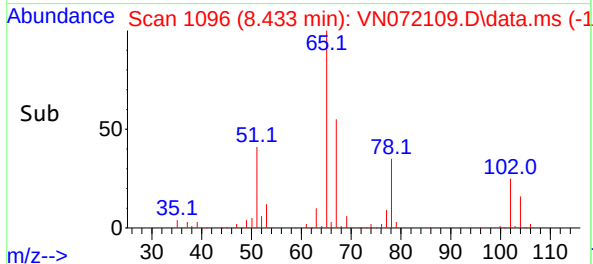
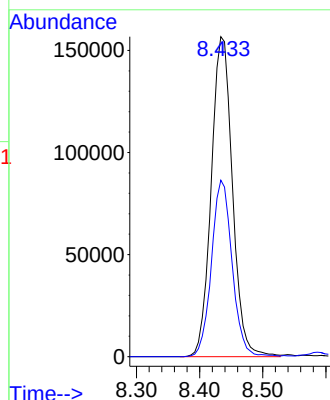
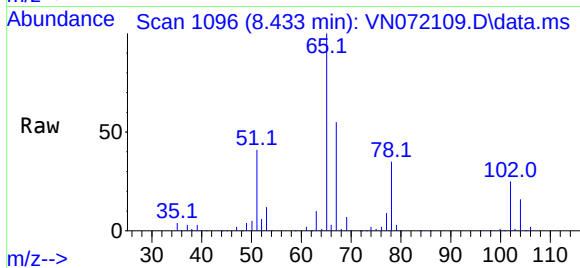
SPN-9

Tgt Ion: 65 Resp: 366296

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072109.D

Acq: 21 Apr 2022 04:43

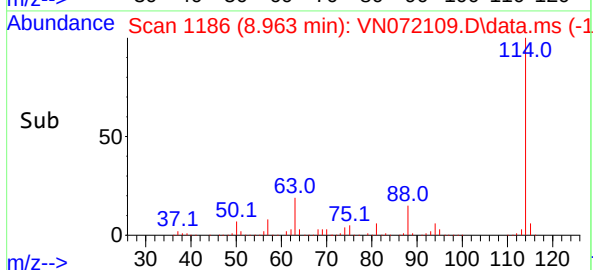
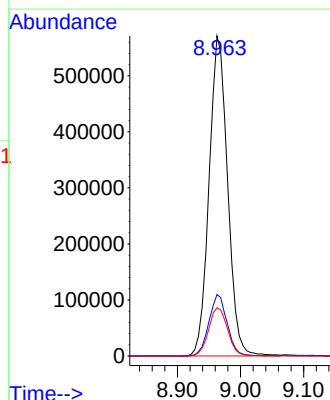
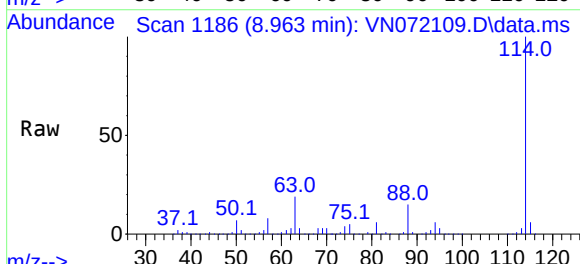
Tgt Ion:114 Resp: 1165170

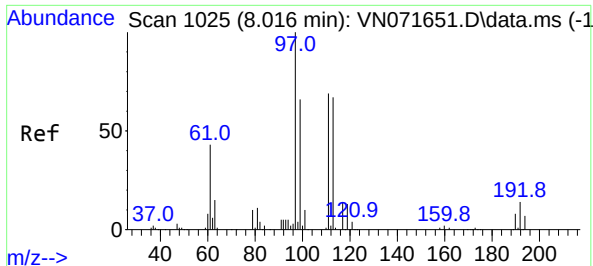
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.1 0.0 32.6

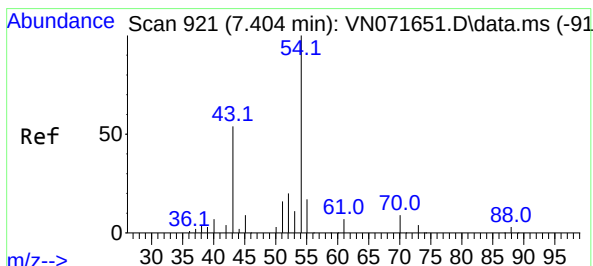
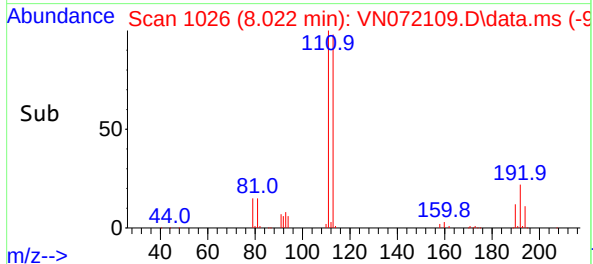
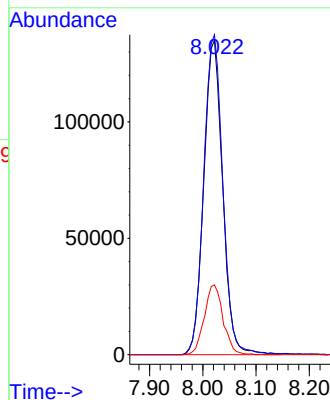
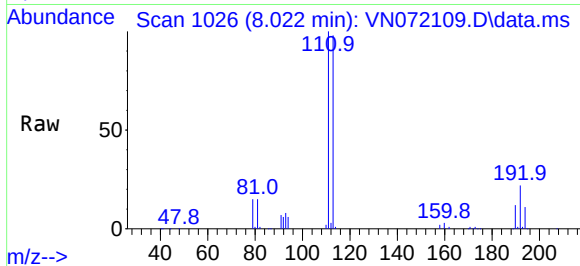




#35
Dibromofluoromethane
Concen: 48.559 ug/l
RT: 8.022 min Scan# 113
Delta R.T. 0.006 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

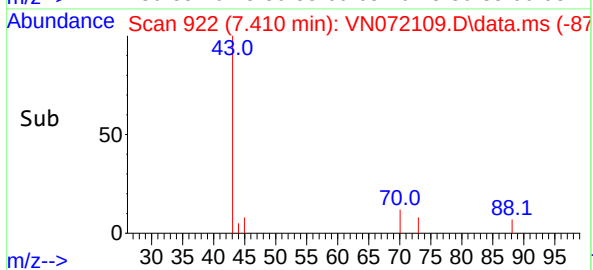
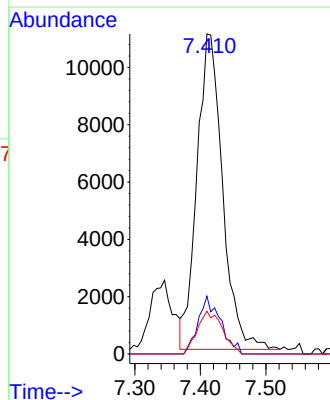
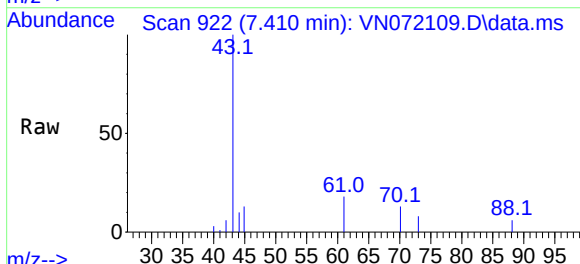
Instrument :
MSVOA_N
ClientSampleId :
SPN-9

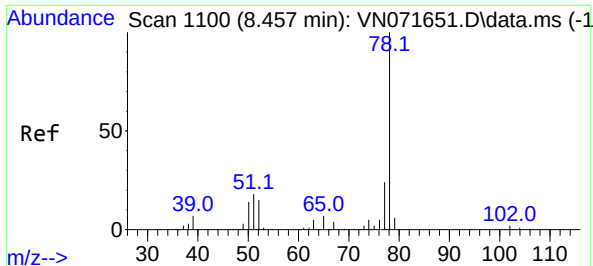
Tgt Ion:113 Resp: 332936
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 22.1 17.0 25.6



#37
Ethyl Acetate
Concen: 2.857 ug/l
RT: 7.410 min Scan# 922
Delta R.T. 0.006 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

Tgt Ion: 43 Resp: 29942
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.6
70 13.2 9.3 13.9

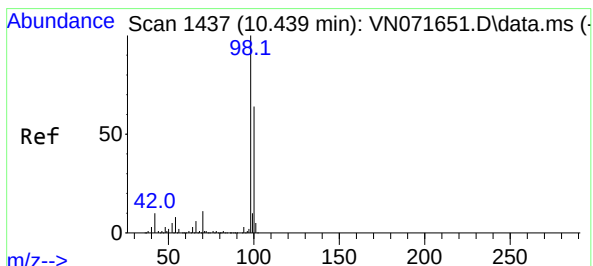
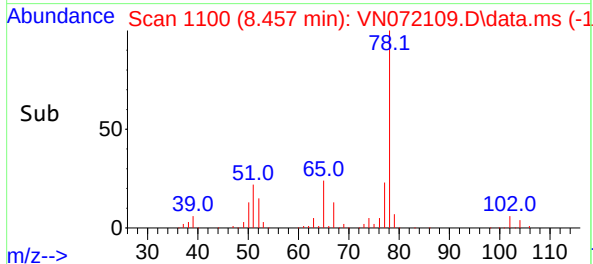
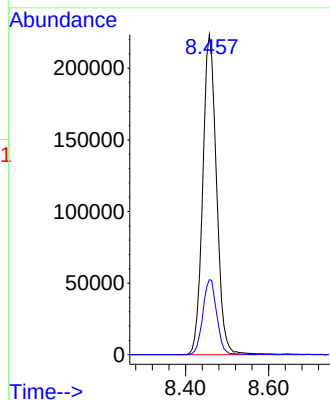
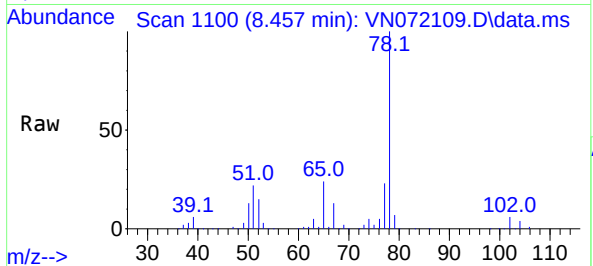




#40
Benzene
Concen: 17.021 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

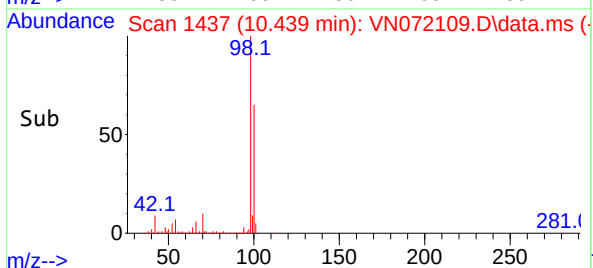
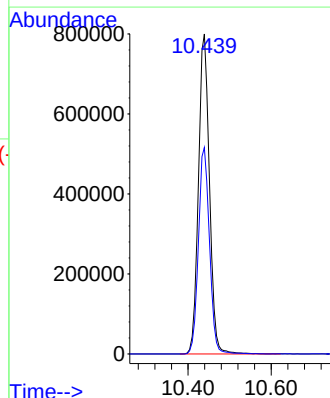
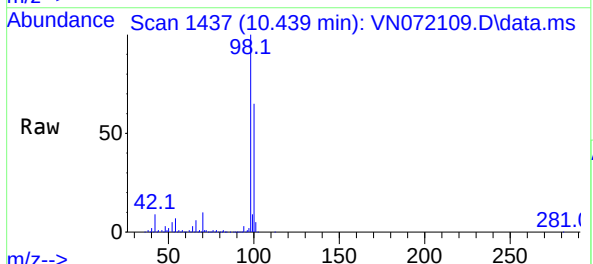
Instrument :
MSVOA_N
ClientSampleId :
SPN-9

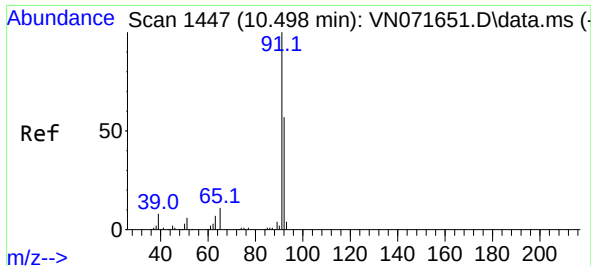
Tgt Ion: 78 Resp: 514816
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0



#50
Toluene-d8
Concen: 52.402 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

Tgt Ion: 98 Resp: 1469746
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

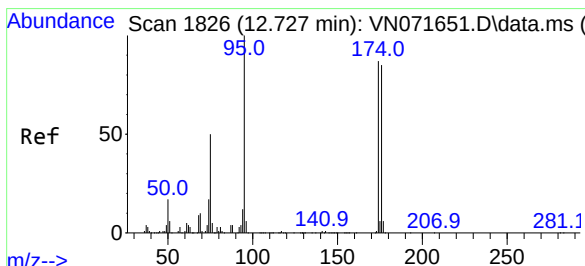
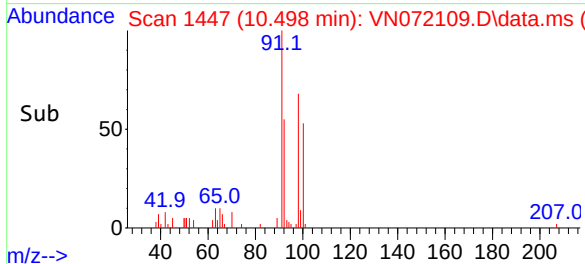
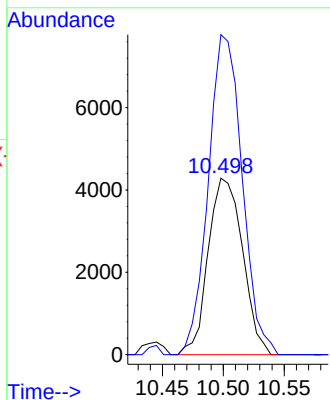
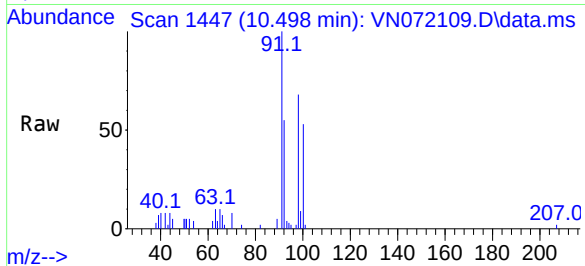




#52
Toluene
Concen: 0.441 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

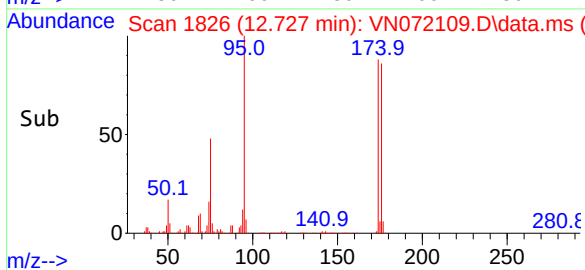
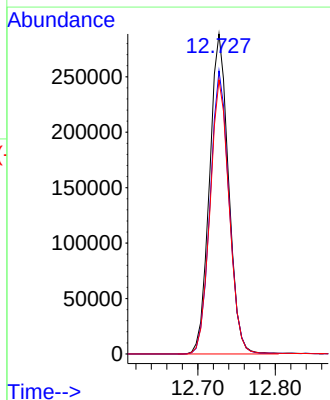
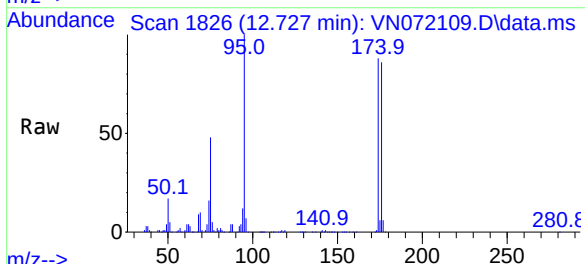
Instrument :
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ClientSampleId :
SPN-9

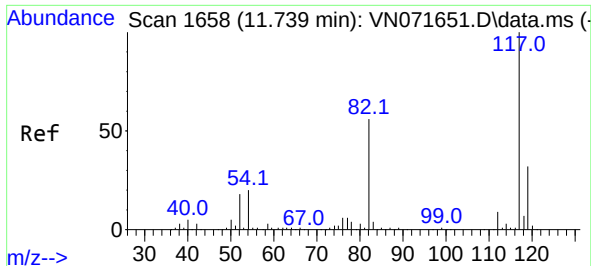
Tgt Ion: 92 Resp: 8429
Ion Ratio Lower Upper
92 100
91 178.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 54.467 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

Tgt Ion: 95 Resp: 494077
Ion Ratio Lower Upper
95 100
174 87.7 0.0 167.6
176 86.1 0.0 163.4

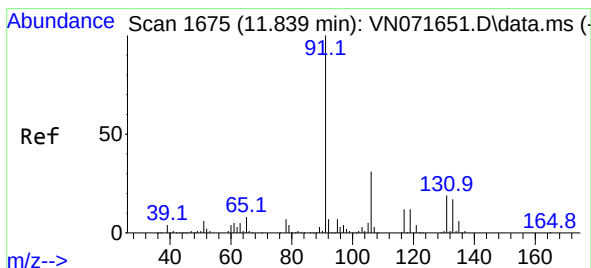
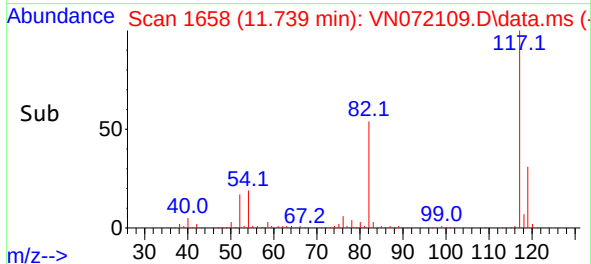
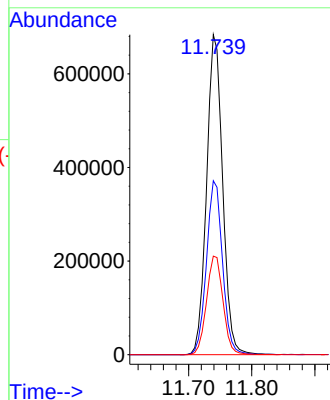
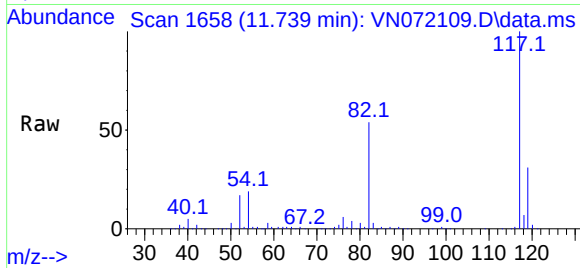




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

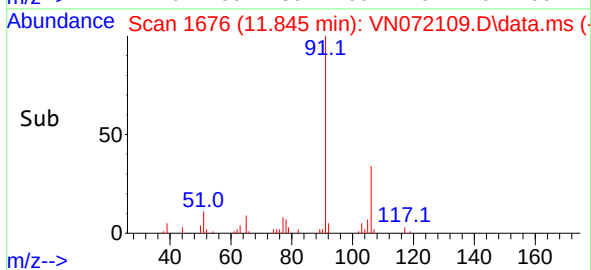
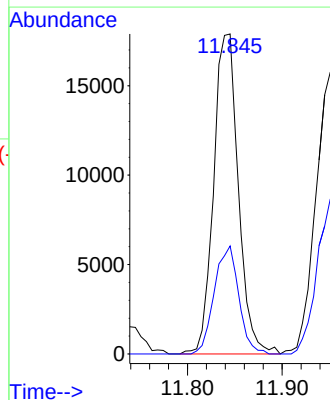
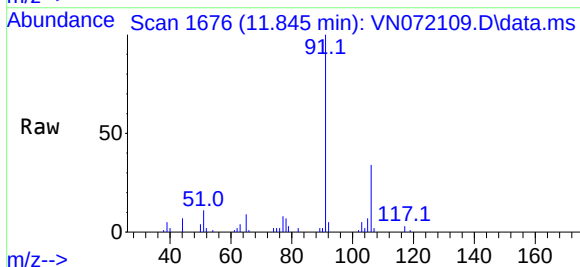
Instrument :
MSVOA_N
ClientSampleId :
SPN-9

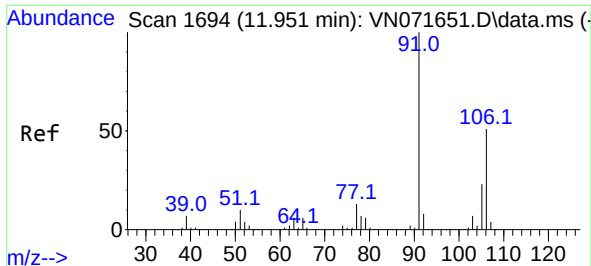
Tgt Ion:117 Resp: 1208189
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 30.8 25.4 38.0



#67
Ethyl Benzene
Concen: 0.791 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

Tgt Ion: 91 Resp: 32410
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3

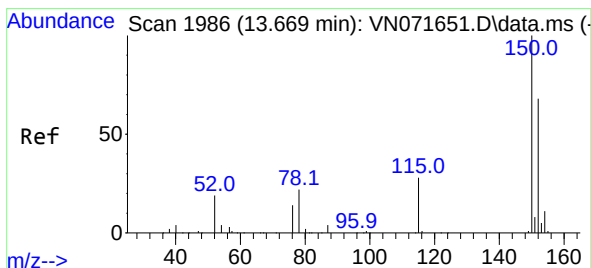
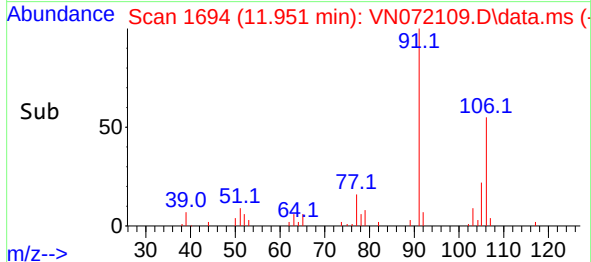
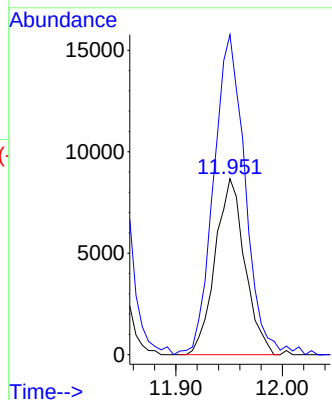
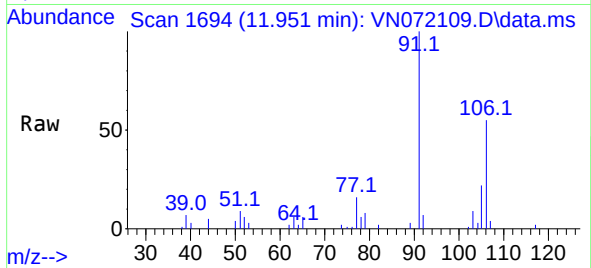




#68
m/p-Xylenes
Concen: 1.066 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

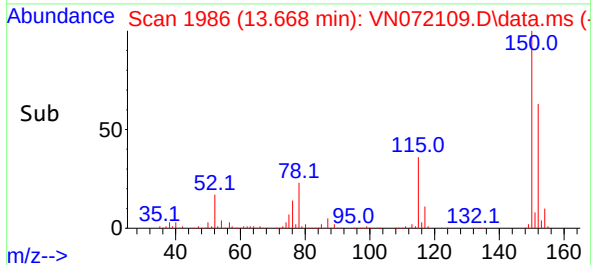
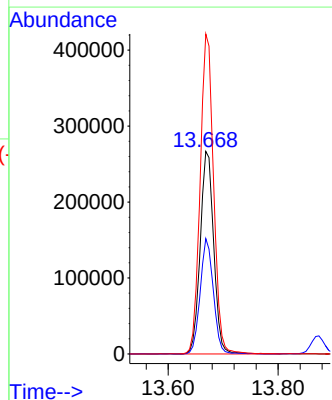
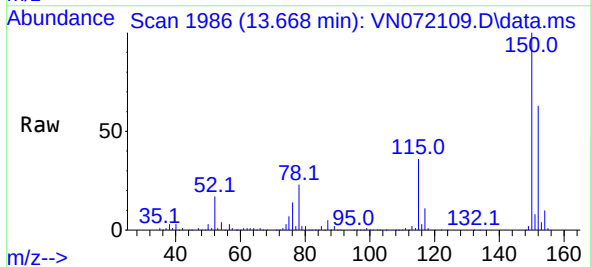
Instrument :
MSVOA_N
ClientSampleId :
SPN-9

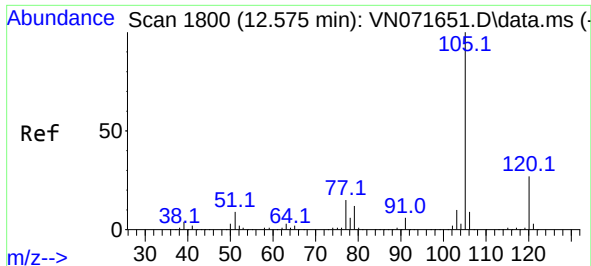
Tgt Ion:106 Resp: 16772
Ion Ratio Lower Upper
106 100
91 193.7 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

Tgt Ion:152 Resp: 455787
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 157.1 0.0 356.2

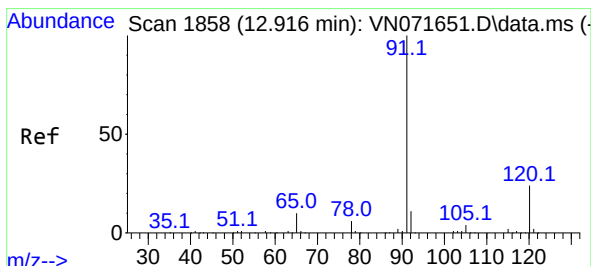
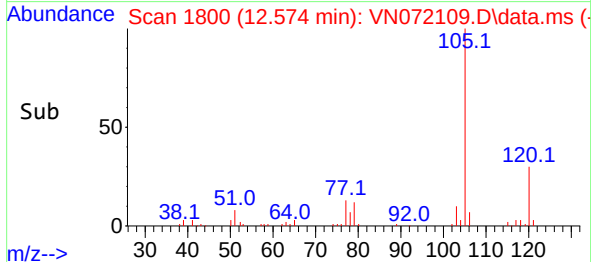
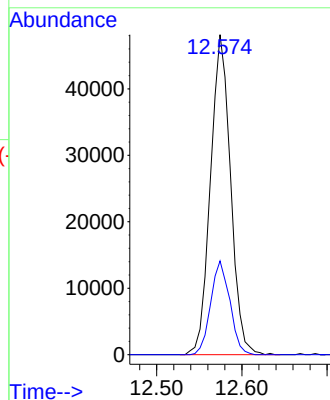
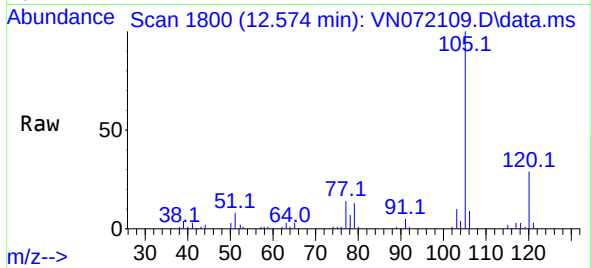




#73
Isopropylbenzene
Concen: 2.052 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

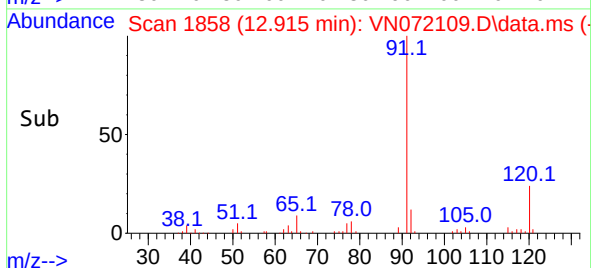
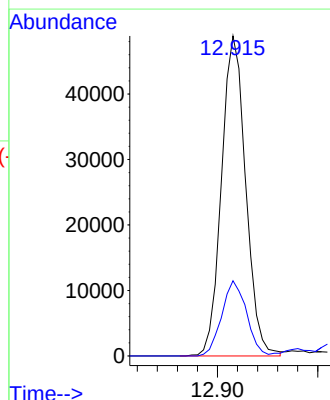
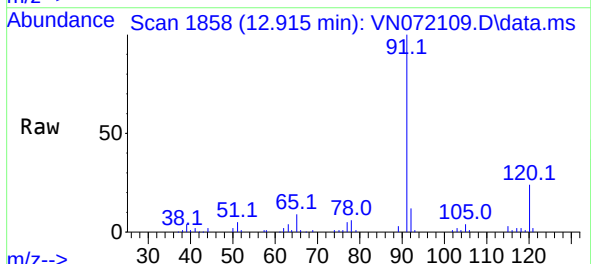
Instrument :
MSVOA_N
ClientSampleId :
SPN-9

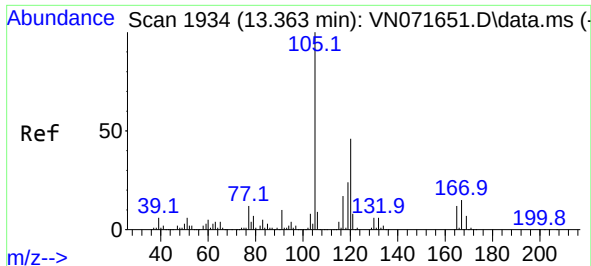
Tgt Ion:105 Resp: 78804
Ion Ratio Lower Upper
105 100
120 27.9 13.5 40.4



#78
n-propylbenzene
Concen: 2.025 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

Tgt Ion: 91 Resp: 81799
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5

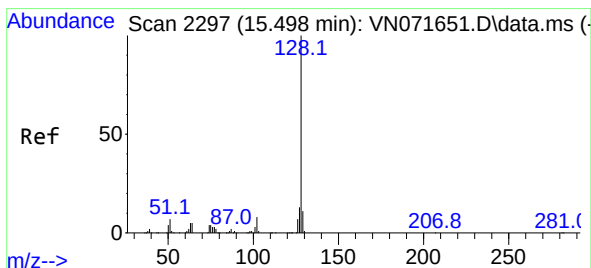
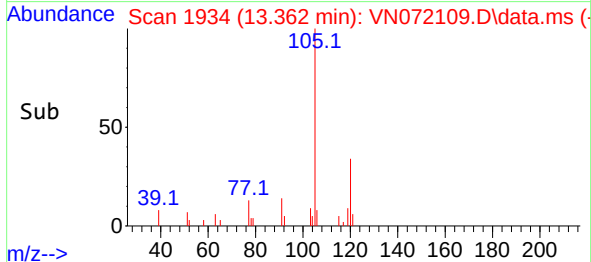
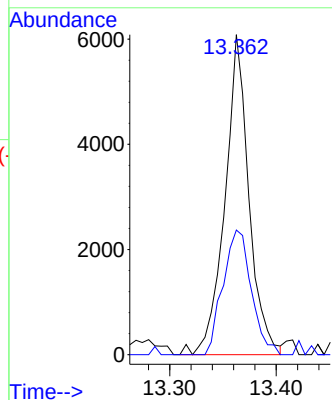
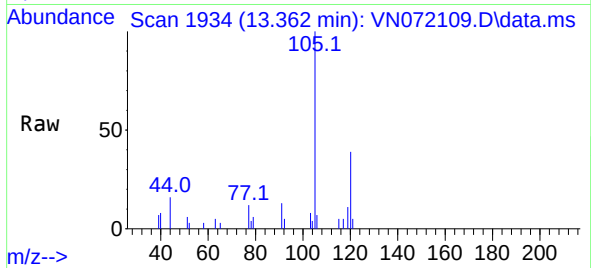




#84
1,2,4-Trimethylbenzene
Concen: 0.321 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

Instrument :
MSVOA_N
ClientSampleId :
SPN-9

Tgt Ion:105 Resp: 9529
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8



#95
Naphthalene
Concen: 4.344 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072109.D
Acq: 21 Apr 2022 04:43

Tgt Ion:128 Resp: 12156
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.7 8.6 13.0

