

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072267.D
 Acq On : 29 Apr 2022 14:10
 Operator : JC\MD
 Sample : N2617-07DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8IDL

Quant Time: Apr 30 03:13:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	201898	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	346064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	301053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	105334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	184662	59.576	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	119.160%
35) Dibromofluoromethane	8.016	113	120838	54.554	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.100%
50) Toluene-d8	10.439	98	449212	51.612	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.727	95	145940	50.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.040%

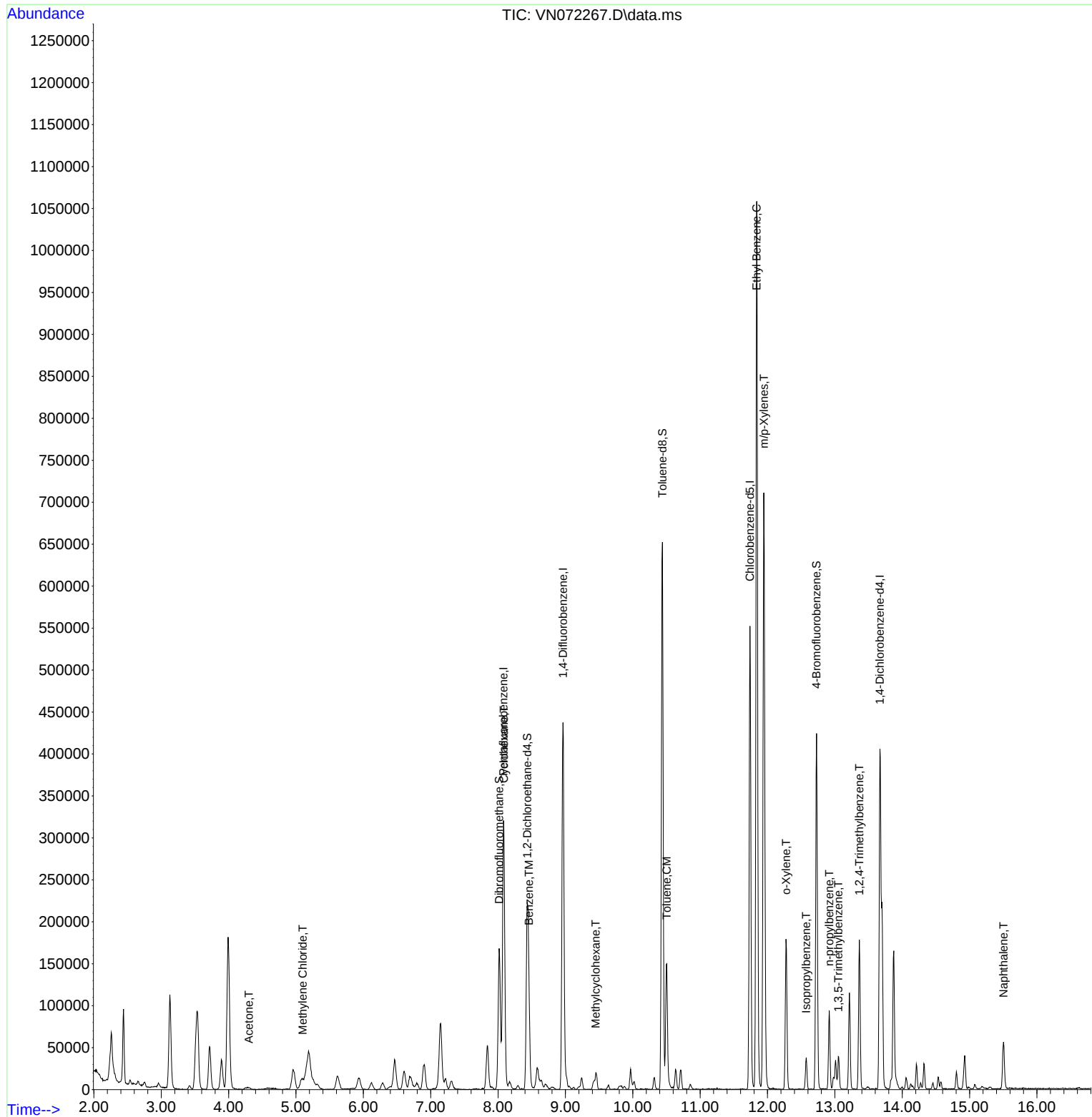
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.298	43	3553	2.659	ug/l	96
20) Methylene Chloride	5.098	84	5685	2.219	ug/l	# 92
31) Cyclohexane	8.086	56	22638	5.466	ug/l	# 79
39) Methylcyclohexane	9.451	83	7785	2.159	ug/l	97
40) Benzene	8.457	78	82248	8.224	ug/l	98
52) Toluene	10.504	92	64905	10.856	ug/l	98
67) Ethyl Benzene	11.839	91	752639	70.949	ug/l	96
68) m/p-Xylenes	11.945	106	213631	54.232	ug/l	87
69) o-Xylene	12.274	106	48555	12.715	ug/l	92
73) Isopropylbenzene	12.574	105	24135	2.594	ug/l	99
78) n-propylbenzene	12.916	91	71816	7.007	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	21043	2.716	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	101564	13.549	ug/l	95
95) Naphthalene	15.504	128	52668	13.123	ug/l	98

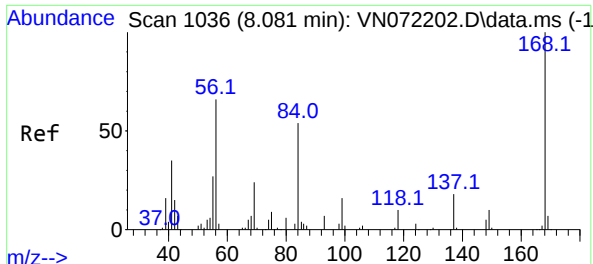
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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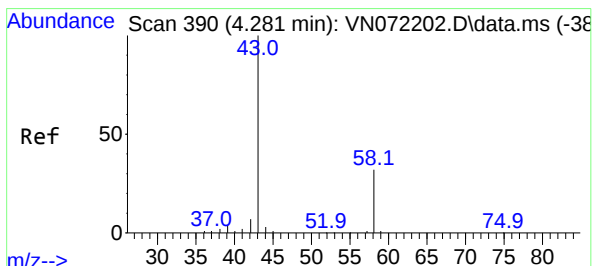
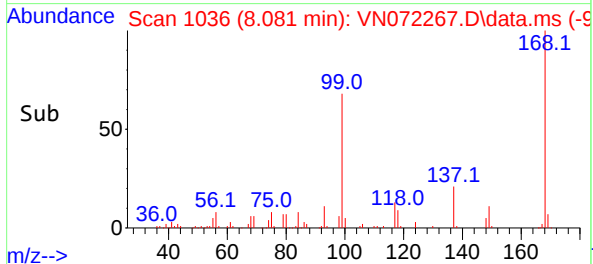
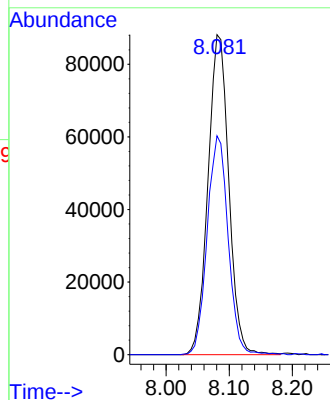
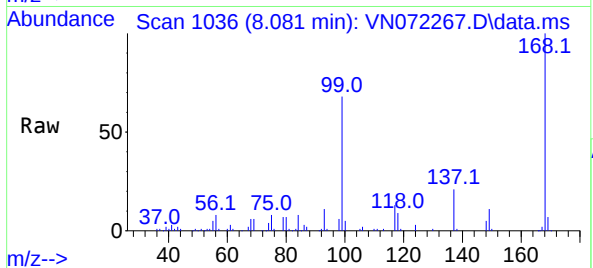




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

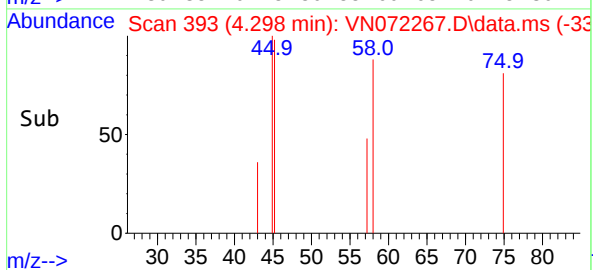
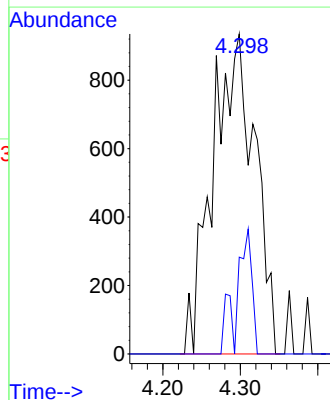
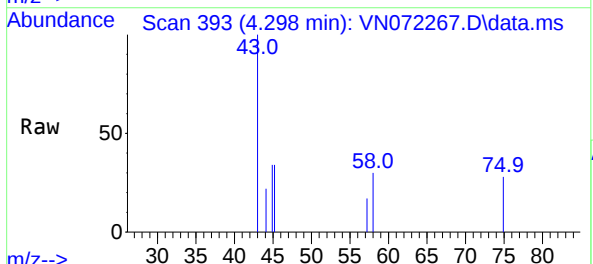
Instrument :
MSVOA_N
ClientSampleId :
MW-8IDL

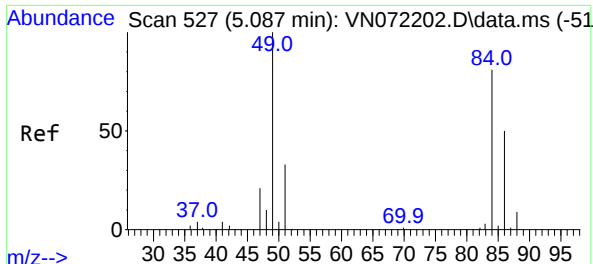
Tgt Ion:168 Resp: 201898
Ion Ratio Lower Upper
168 100
99 68.4 42.3 63.5#



#16
Acetone
Concen: 2.659 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion: 43 Resp: 3553
Ion Ratio Lower Upper
43 100
58 30.3 26.0 39.0



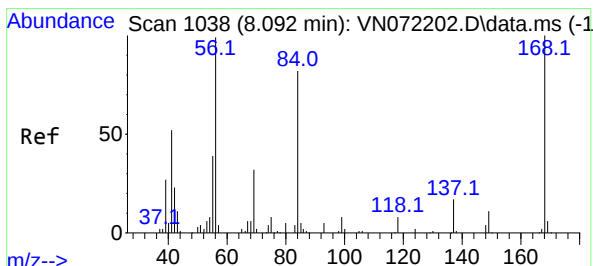
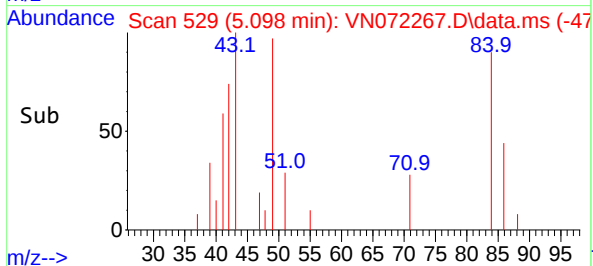
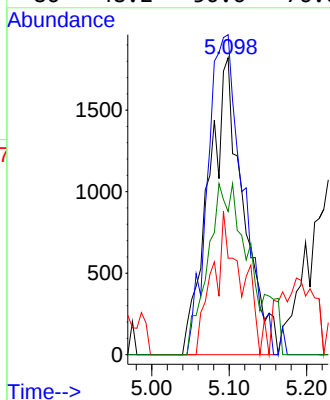
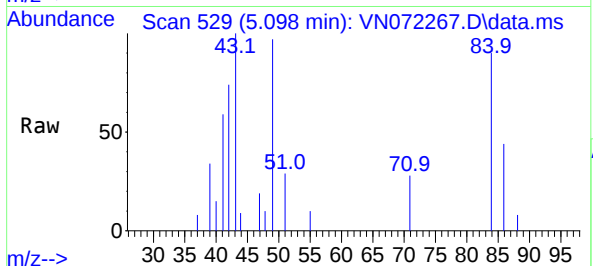


#20
Methylene Chloride
Concen: 2.219 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Instrument :
MSVOA_N
ClientSampleId :
MW-8IDL

Tgt Ion: 84 Resp: 5685

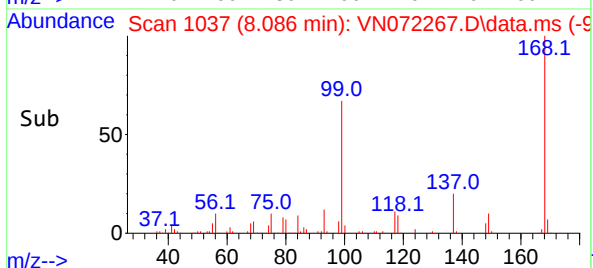
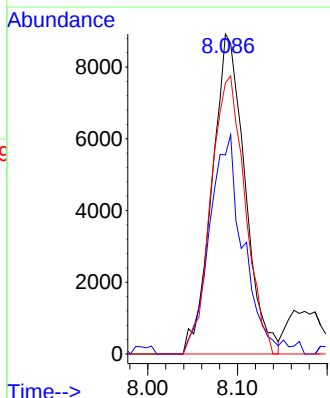
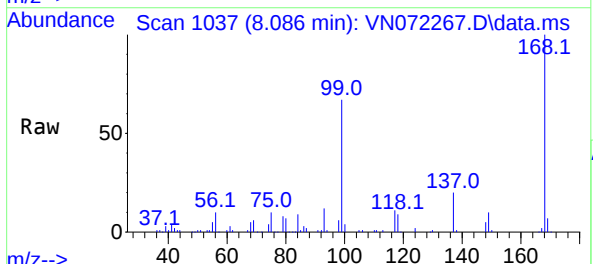
Ion	Ratio	Lower	Upper
84	100		
49	107.7	88.3	132.5
51	32.5	28.2	42.2
86	48.2	50.6	76.0

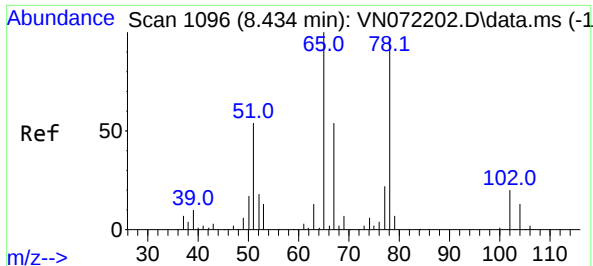


#31
Cyclohexane
Concen: 5.466 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion: 56 Resp: 22638

Ion	Ratio	Lower	Upper
56	100		
69	62.2	27.8	41.8
84	84.6	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 59.576 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072267.D

Acq: 29 Apr 2022 14:10

Instrument :

MSVOA_N

ClientSampleId :

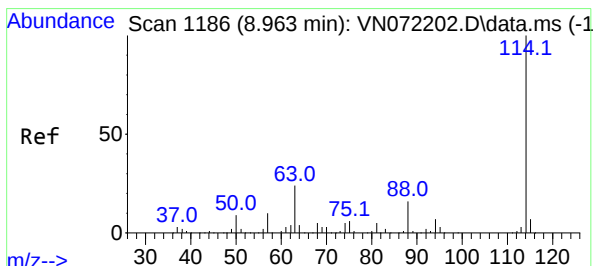
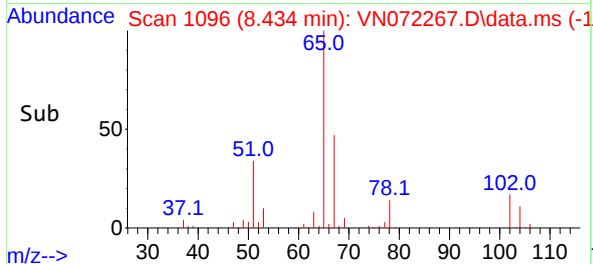
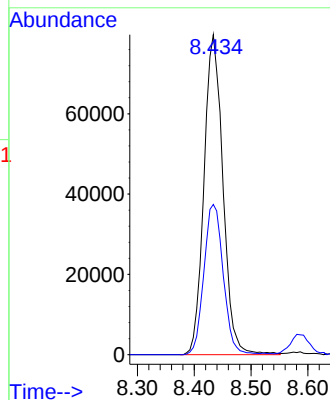
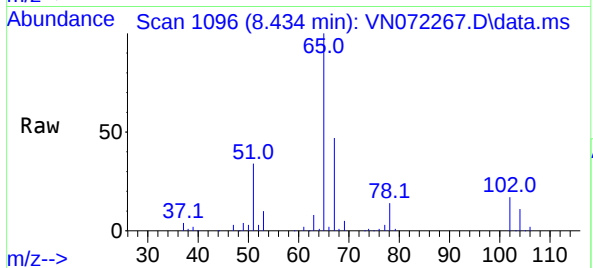
MW-8IDL

Tgt Ion: 65 Resp: 184662

Ion Ratio Lower Upper

65 100

67 47.8 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: VN072267.D

Acq: 29 Apr 2022 14:10

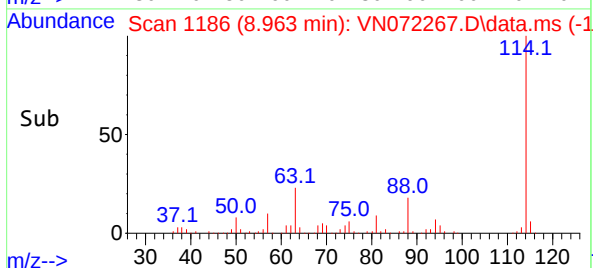
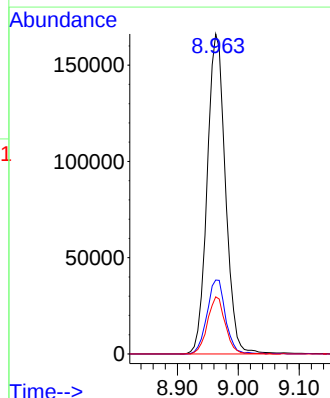
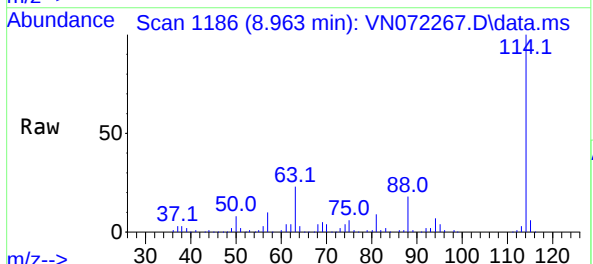
Tgt Ion: 114 Resp: 346064

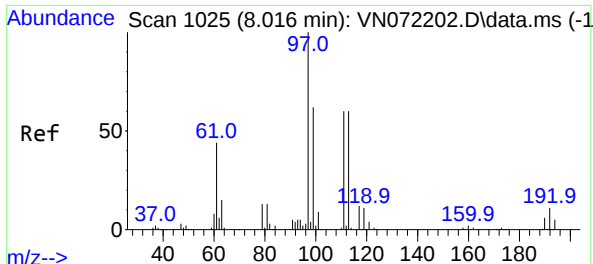
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 17.9 0.0 32.6

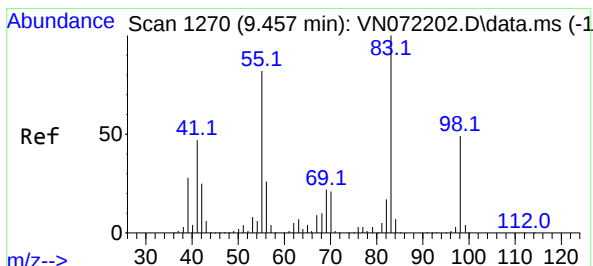
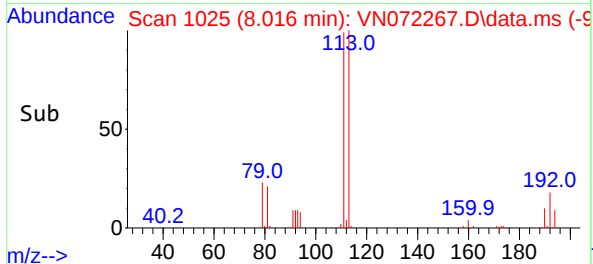
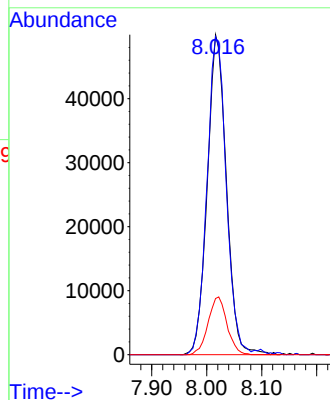
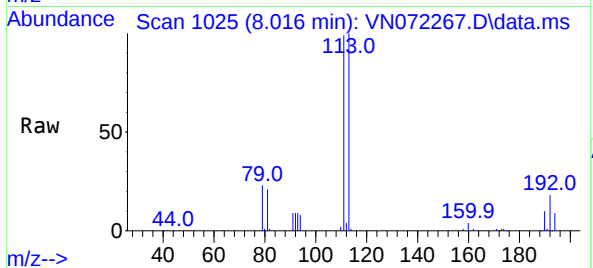




#35
Dibromofluoromethane
Concen: 54.554 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

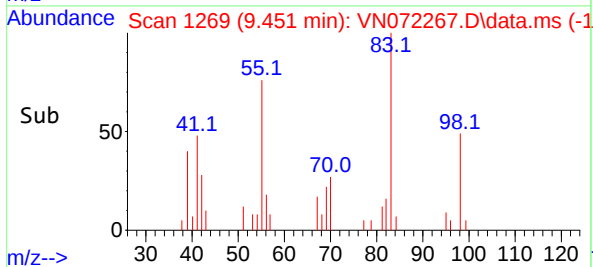
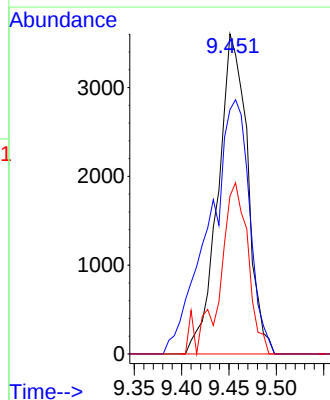
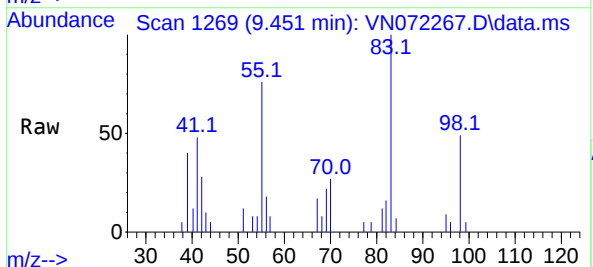
Instrument :
MSVOA_N
ClientSampleId :
MW-8IDL

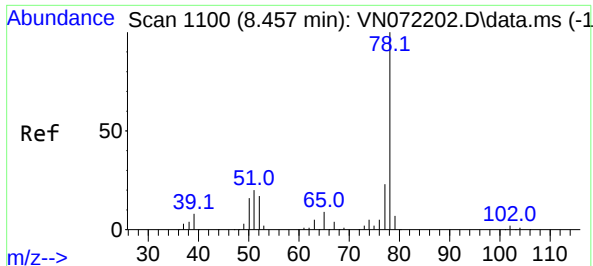
Tgt Ion:113 Resp: 120838
Ion Ratio Lower Upper
113 100
111 99.8 81.4 122.0
192 17.9 17.0 25.6



#39
Methylcyclohexane
Concen: 2.159 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion: 83 Resp: 7785
Ion Ratio Lower Upper
83 100
55 76.4 57.8 86.8
98 49.4 39.4 59.2

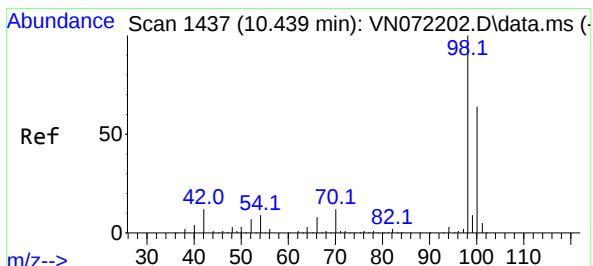
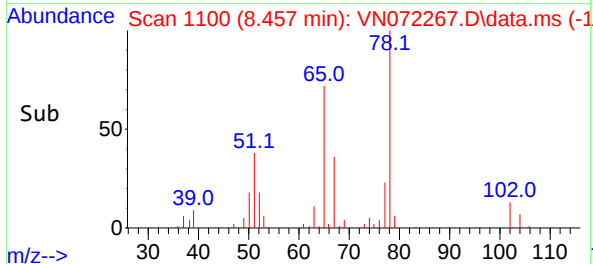
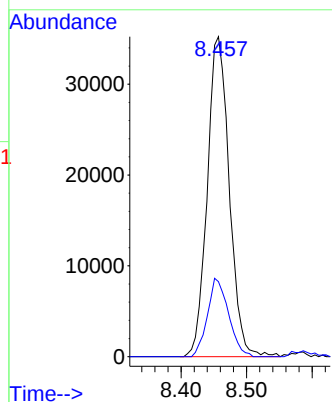
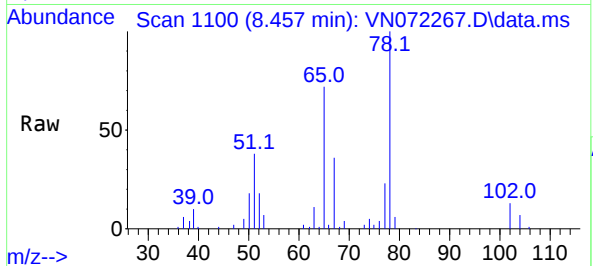




#40
Benzene
Concen: 8.224 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

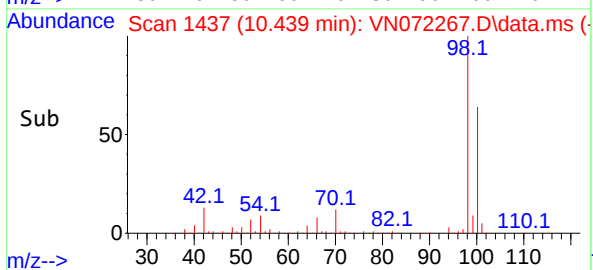
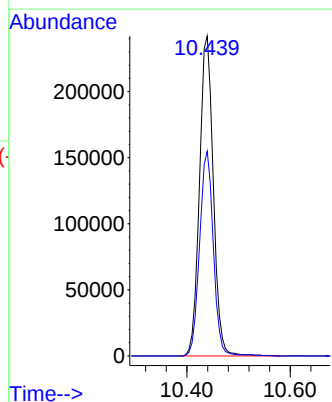
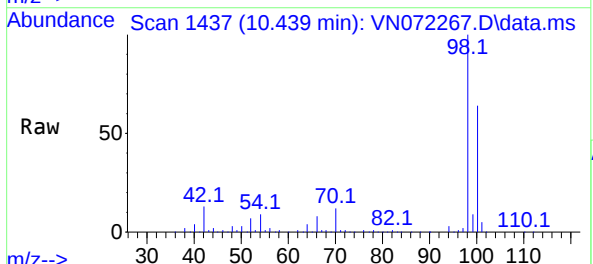
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ClientSampleId :
MW-8IDL

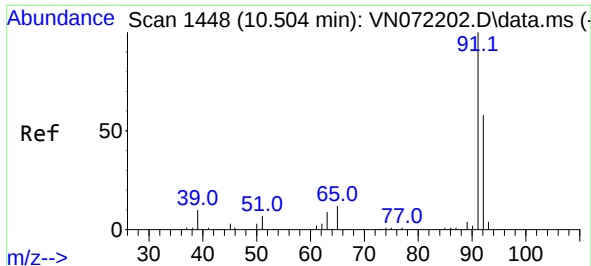
Tgt Ion: 78 Resp: 82248
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0



#50
Toluene-d8
Concen: 51.612 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion: 98 Resp: 449212
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8

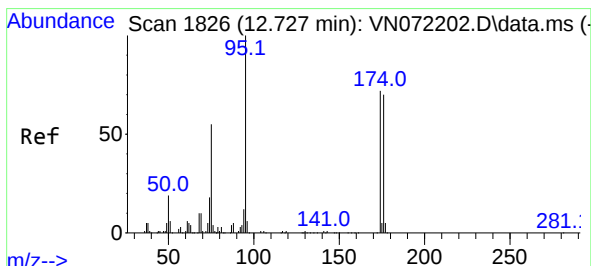
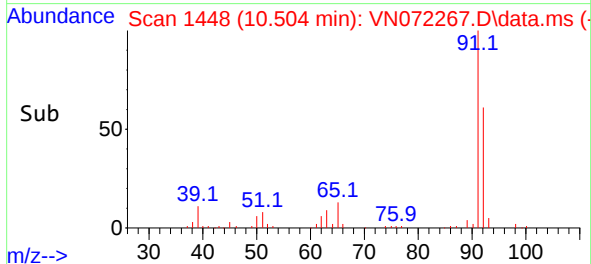
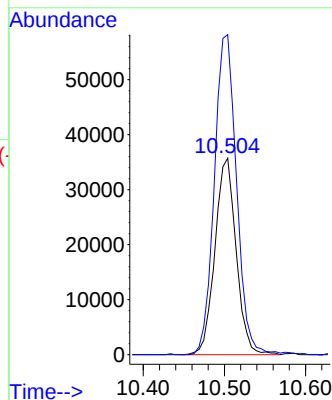
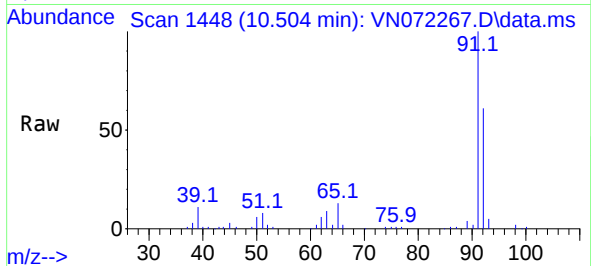




#52
Toluene
Concen: 10.856 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

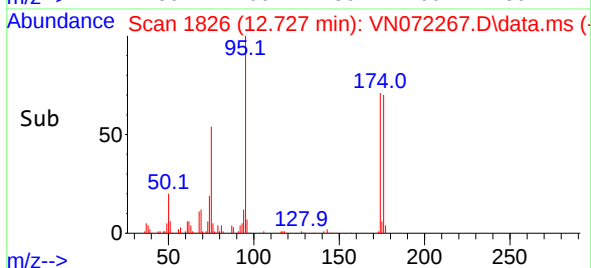
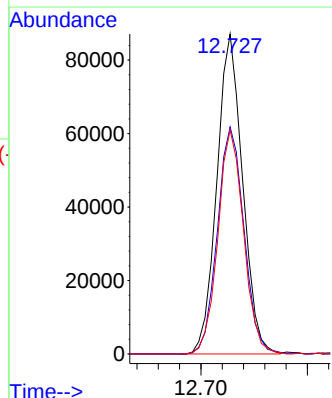
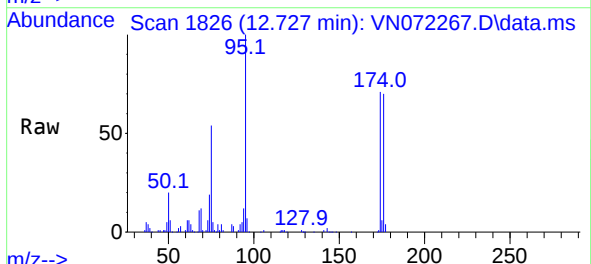
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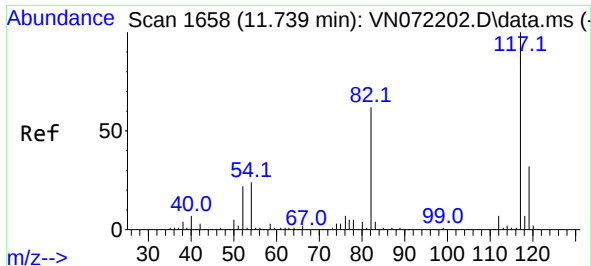
Tgt Ion: 92 Resp: 64905
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 50.517 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion: 95 Resp: 145940
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 69.6 0.0 163.4

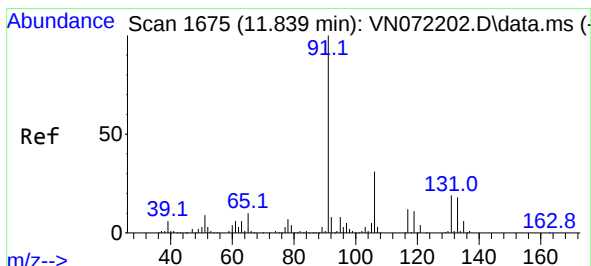
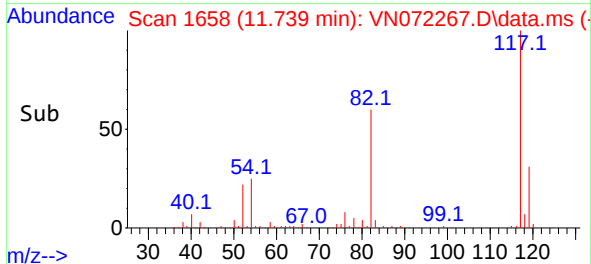
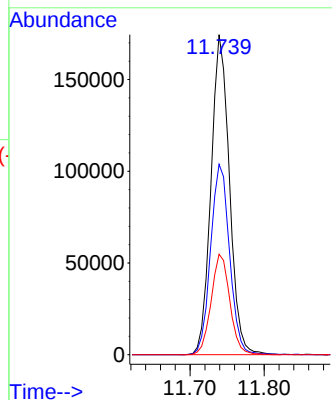
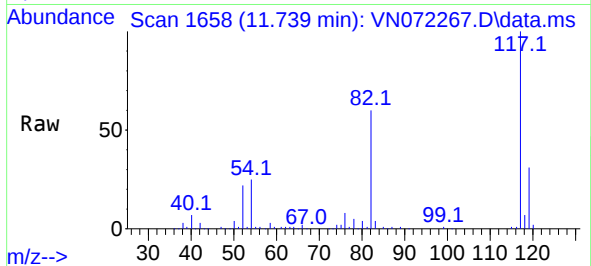




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

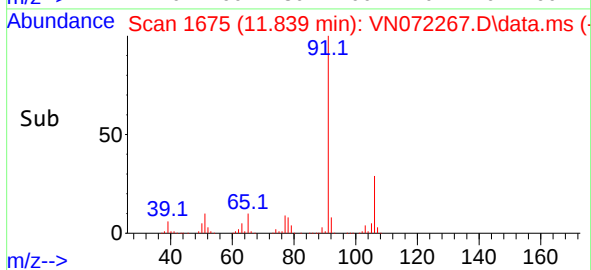
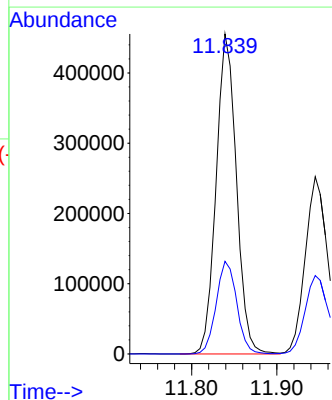
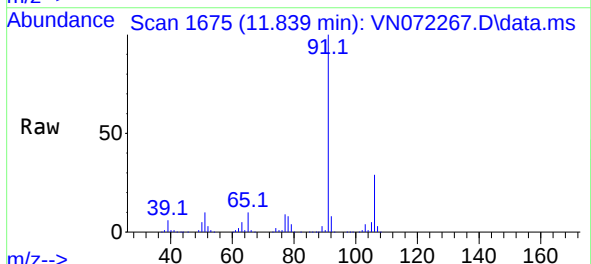
Instrument :
MSVOA_N
ClientSampleId :
MW-8IDL

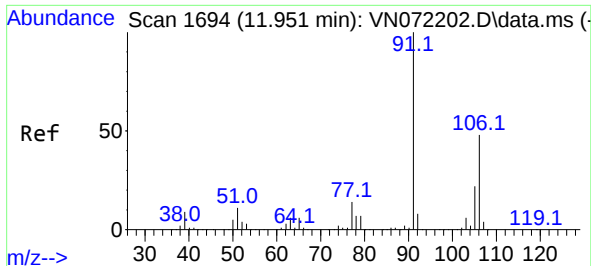
Tgt Ion:117 Resp: 301053
Ion Ratio Lower Upper
117 100
82 59.5 44.2 66.2
119 31.4 25.4 38.0



#67
Ethyl Benzene
Concen: 70.949 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion: 91 Resp: 752639
Ion Ratio Lower Upper
91 100
106 29.0 24.9 37.3

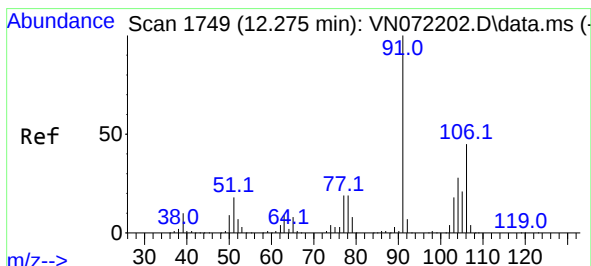
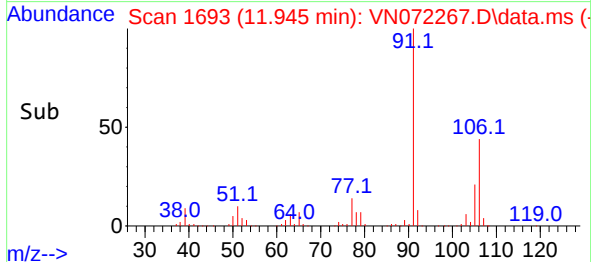
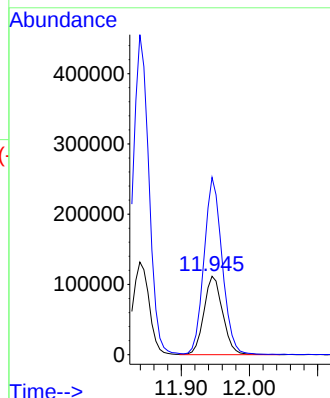
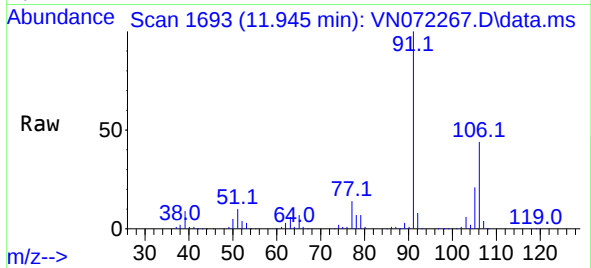




#68
m/p-Xylenes
Concen: 54.232 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

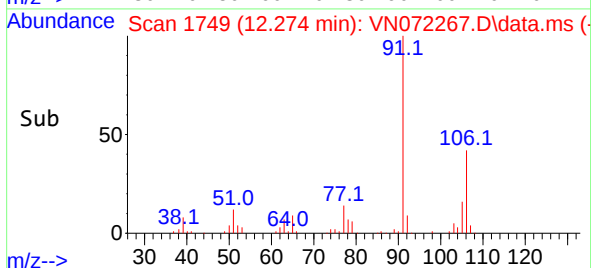
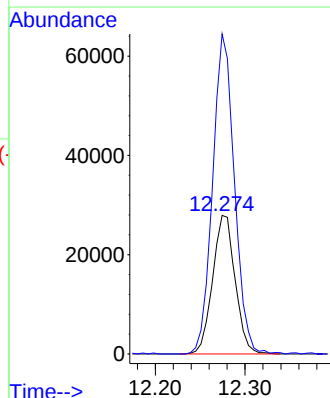
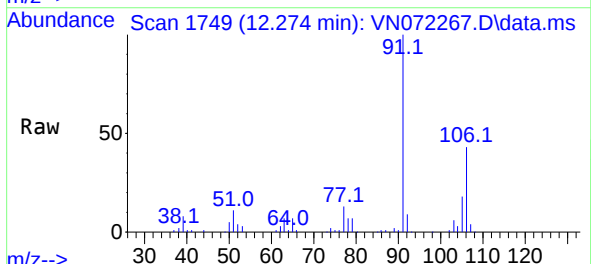
Instrument :
MSVOA_N
ClientSampleId :
MW-8IDL

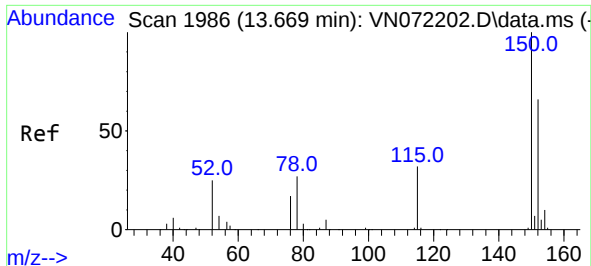
Tgt Ion:106 Resp: 213631
Ion Ratio Lower Upper
106 100
91 218.1 158.9 238.3



#69
o-Xylene
Concen: 12.715 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion:106 Resp: 48555
Ion Ratio Lower Upper
106 100
91 224.1 106.0 318.0

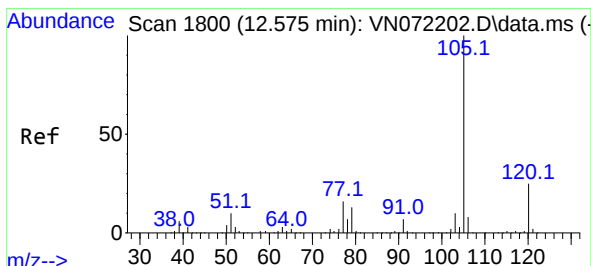
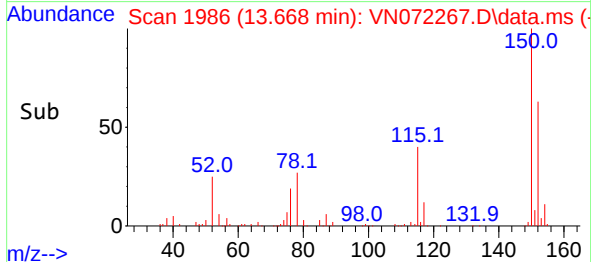
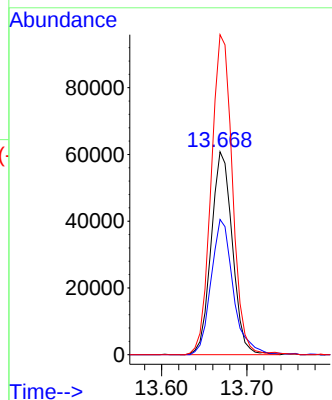
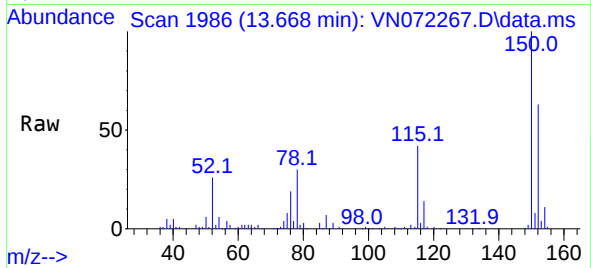




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

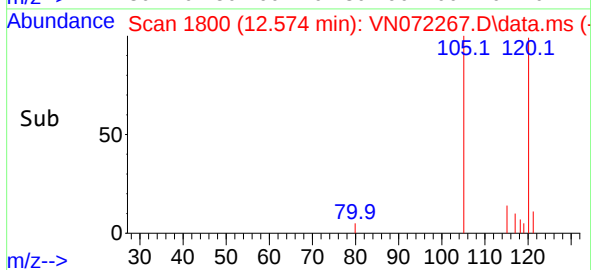
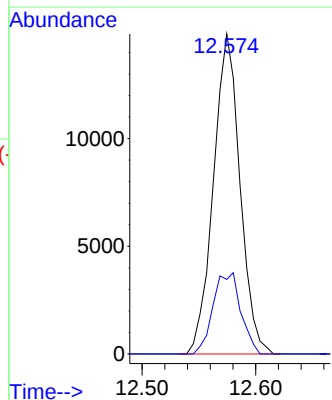
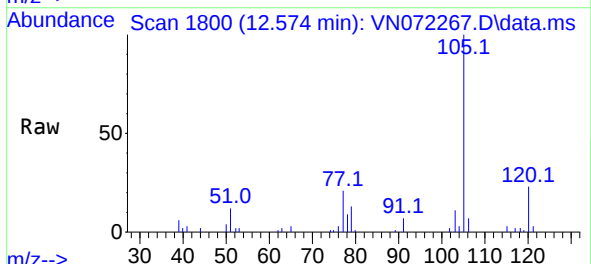
Instrument :
MSVOA_N
ClientSampleId :
MW-8IDL

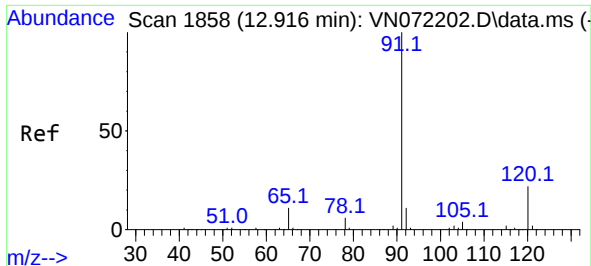
Tgt Ion:152 Resp: 105334
Ion Ratio Lower Upper
152 100
115 70.1 28.9 86.7
150 158.3 0.0 356.2



#73
Isopropylbenzene
Concen: 2.594 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion:105 Resp: 24135
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

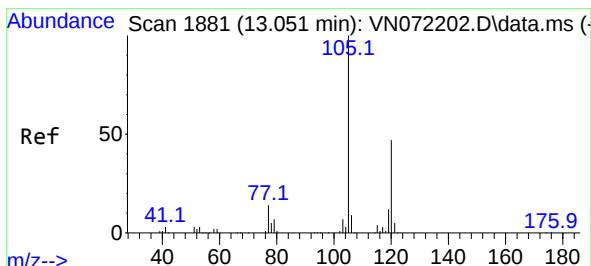
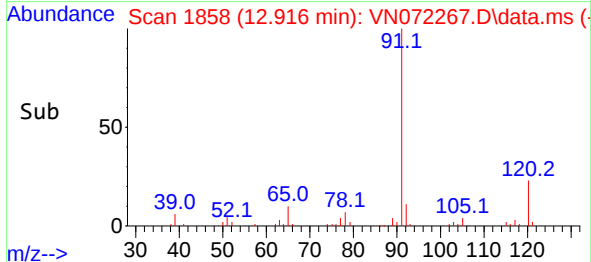
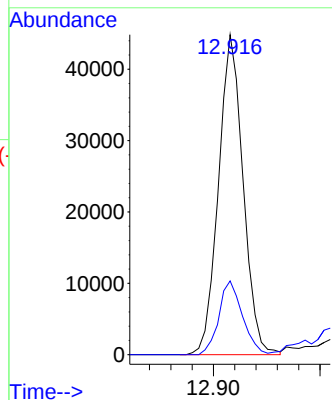
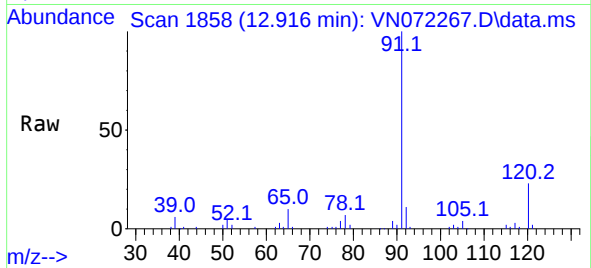




#78
n-propylbenzene
Concen: 7.007 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

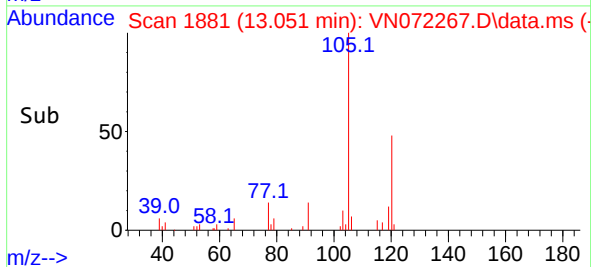
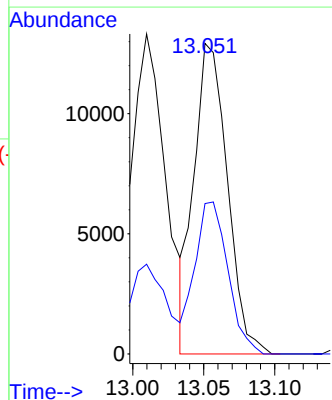
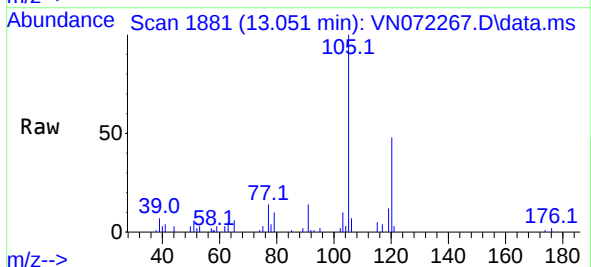
Instrument :
MSVOA_N
ClientSampleId :
MW-8IDL

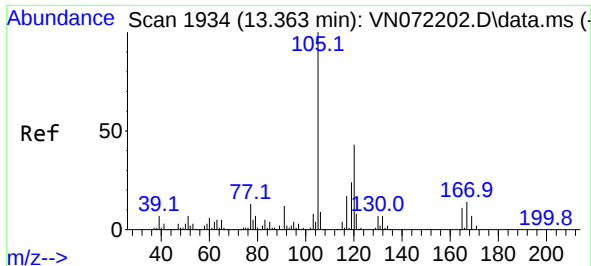
Tgt Ion: 91 Resp: 71816
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 2.716 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion: 105 Resp: 21043
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.7

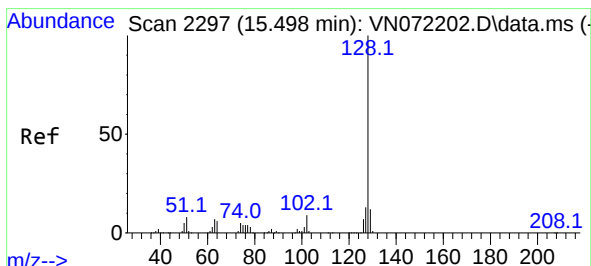
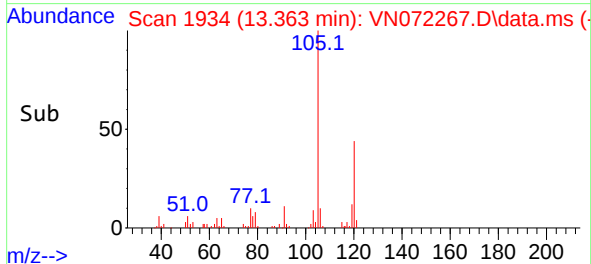
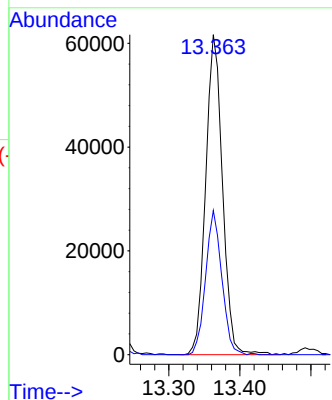
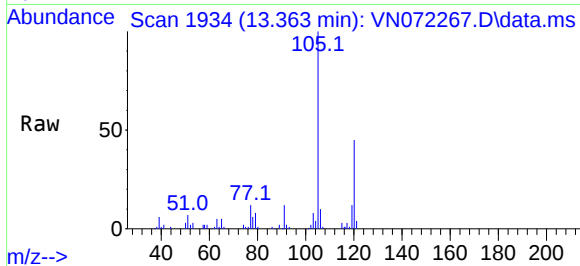




#84
1,2,4-Trimethylbenzene
Concen: 13.549 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Instrument :
MSVOA_N
ClientSampleId :
MW-8IDL

Tgt Ion:105 Resp: 101564
Ion Ratio Lower Upper
105 100
120 43.3 23.3 69.8



#95
Naphthalene
Concen: 13.123 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072267.D
Acq: 29 Apr 2022 14:10

Tgt Ion:128 Resp: 52668
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 12.2 8.6 13.0

