

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070966.D
 Acq On : 16 Feb 2022 18:16
 Operator : JC\MD
 Sample : N1573-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16SR

Quant Time: Feb 17 05:41:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

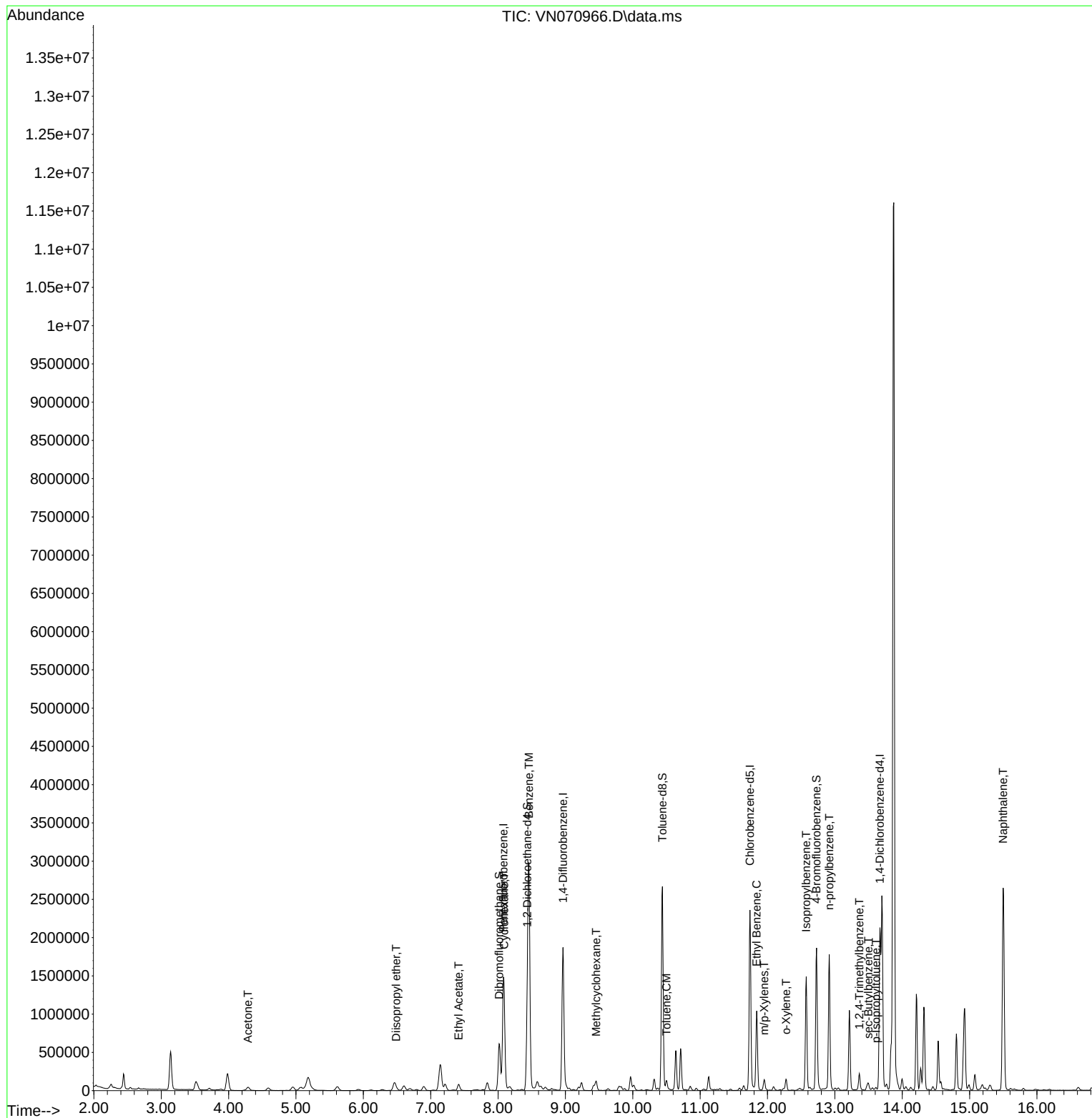
Internal Standards						
1) Pentafluorobenzene	8.081	168	1018082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1562772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1395758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	599308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	564254	48.518	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.040%
35) Dibromofluoromethane	8.016	113	454979	48.947	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.900%
50) Toluene-d8	10.439	98	1856252	49.726	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.727	95	643891	48.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.520%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	82727	12.917	ug/l	91
22) Diisopropyl ether	6.487	45	20751	0.569	ug/l #	84
31) Cyclohexane	8.092	56	169271	8.416	ug/l #	92
37) Ethyl Acetate	7.416	43	124930	7.649	ug/l	98
39) Methylcyclohexane	9.457	83	51946	2.651	ug/l	94
40) Benzene	8.457	78	2931773	65.082	ug/l	100
52) Toluene	10.498	92	50252	1.775	ug/l	99
67) Ethyl Benzene	11.839	91	747220	14.195	ug/l	98
68) m/p-Xylenes	11.951	106	44983	2.212	ug/l	95
69) o-Xylene	12.274	106	39675	1.997	ug/l	91
73) Isopropylbenzene	12.574	105	973709	20.185	ug/l	100
78) n-propylbenzene	12.916	91	1420720	26.213	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	118846	3.089	ug/l	99
85) sec-Butylbenzene	13.498	105	56319	1.153	ug/l #	71
86) p-Isopropyltoluene	13.610	119	10745	0.268	ug/l #	77
95) Naphthalene	15.498	128	2504331	89.130	ug/l	99

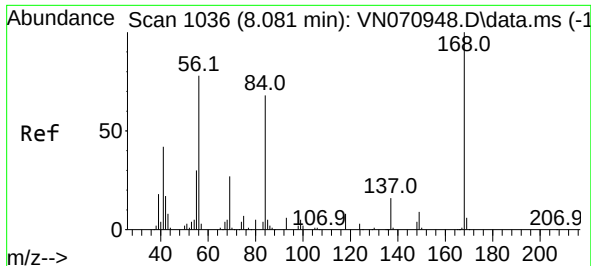
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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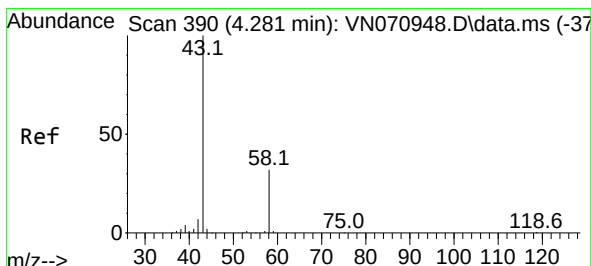
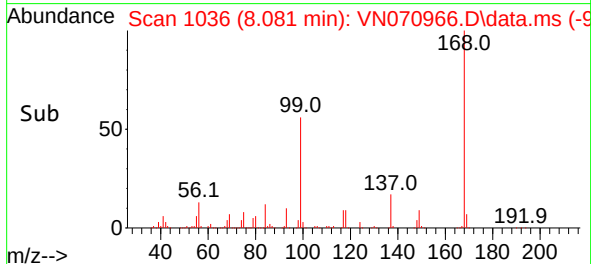
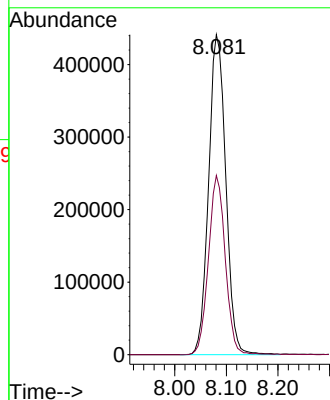
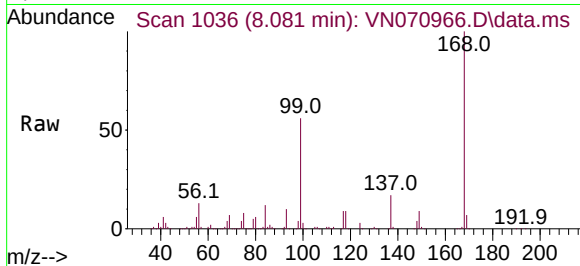




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

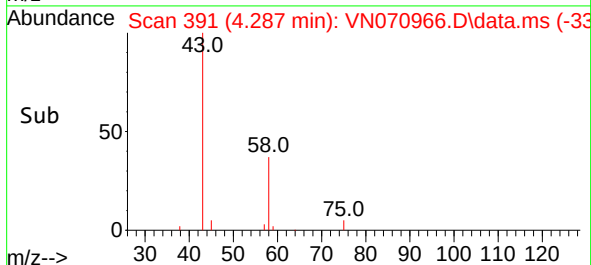
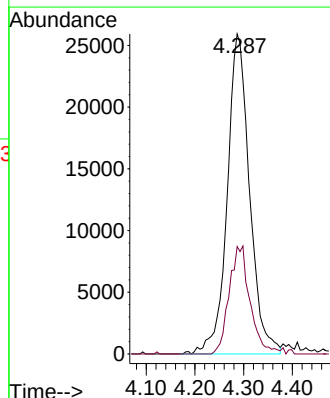
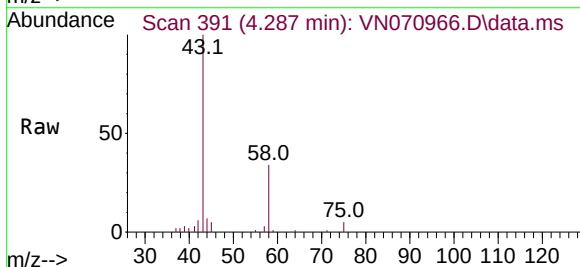
Instrument :
MSVOA_N
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MW-16SR

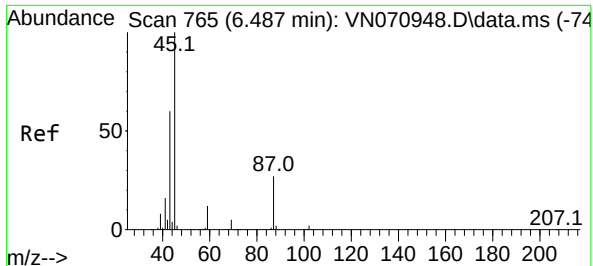
Tgt Ion:168 Resp: 1018082
Ion Ratio Lower Upper
168 100
99 56.0 41.3 61.9



#16
Acetone
Concen: 12.917 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion: 43 Resp: 82727
Ion Ratio Lower Upper
43 100
58 33.6 23.1 34.7

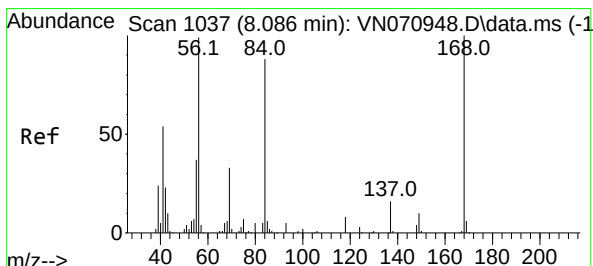
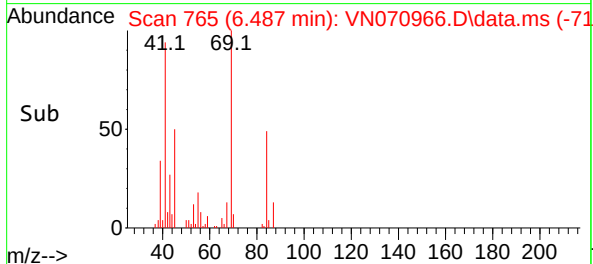
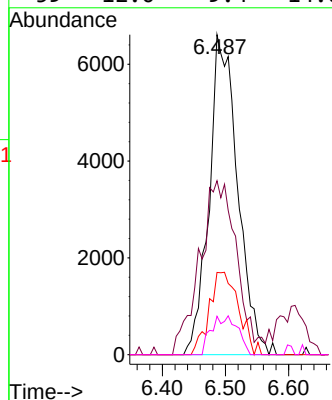
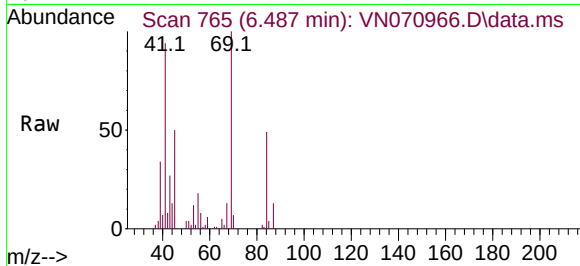




#22
Diisopropyl ether
Concen: 0.569 ug/l
RT: 6.487 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

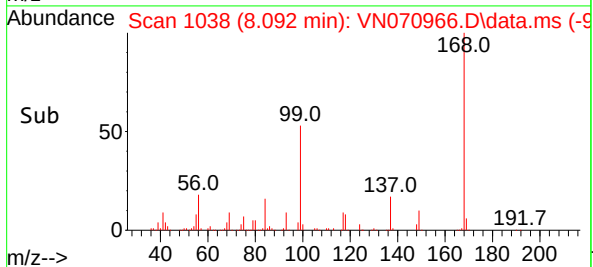
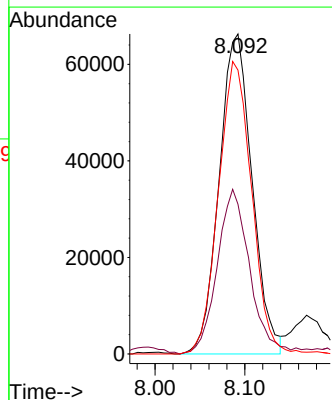
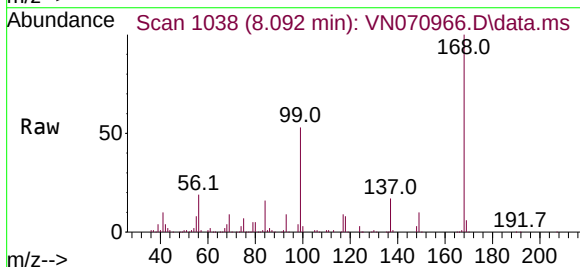
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

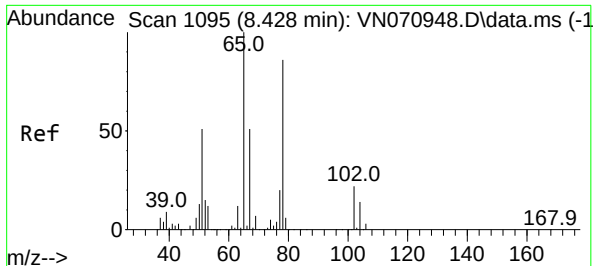
Tgt Ion:	45	Resp:	20751
Ion	Ratio	Lower	Upper
45	100		
43	47.0	51.7	77.5#
87	25.7	23.2	34.8
59	12.0	9.4	14.0



#31
Cyclohexane
Concen: 8.416 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion:	56	Resp:	169271
Ion	Ratio	Lower	Upper
56	100		
69	46.8	27.1	40.7#
84	88.7	73.4	110.0





#33

1,2-Dichloroethane-d4

Concen: 48.518 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN070966.D

Acq: 16 Feb 2022 18:16

Instrument :

MSVOA_N

ClientSampleId :

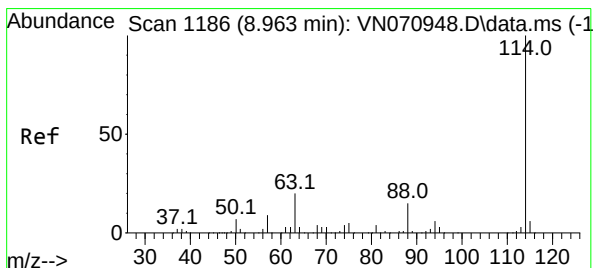
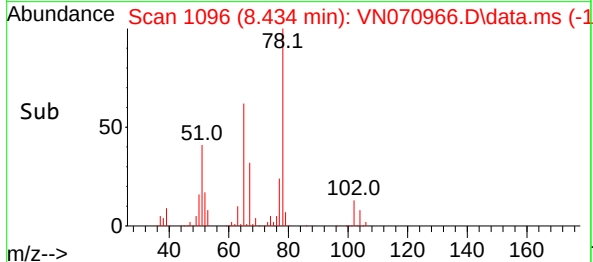
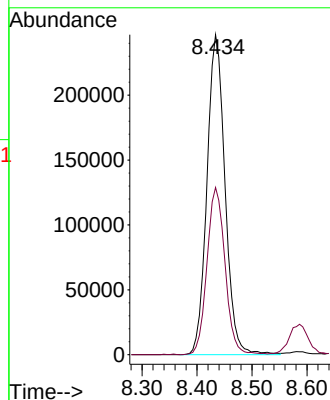
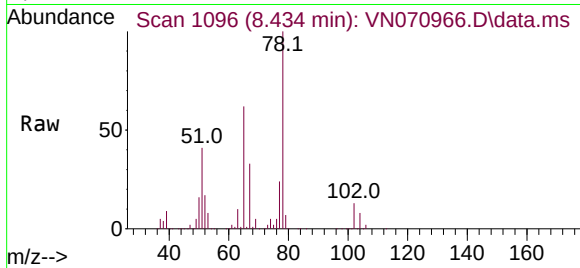
MW-16SR

Tgt Ion: 65 Resp: 564254

Ion Ratio Lower Upper

65 100

67 52.1 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: VN070966.D

Acq: 16 Feb 2022 18:16

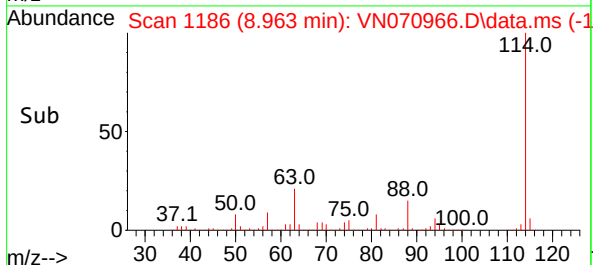
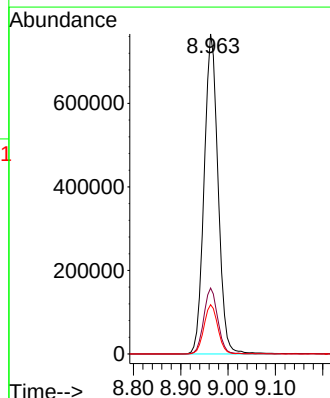
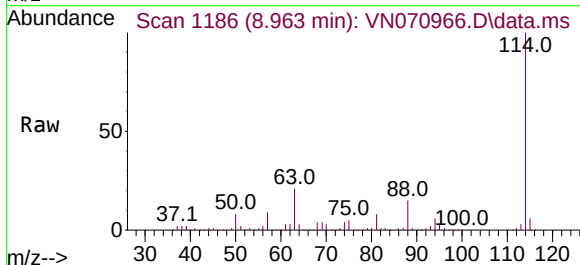
Tgt Ion: 114 Resp: 1562772

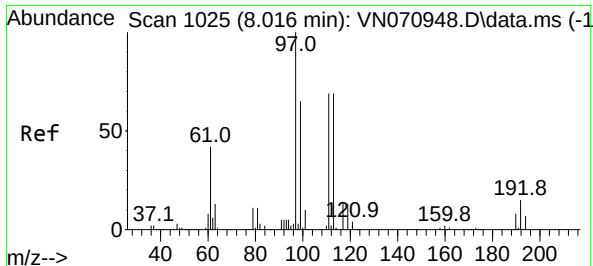
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.8

88 15.4 0.0 27.4

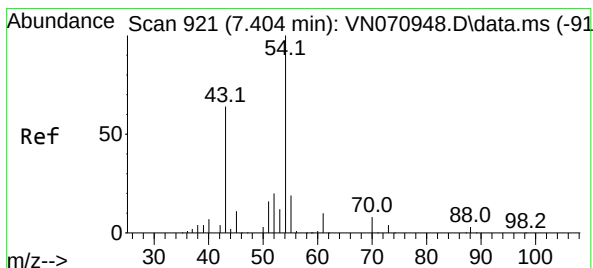
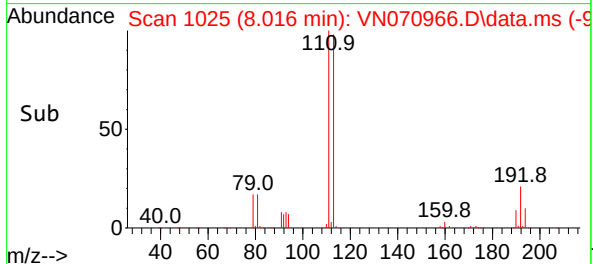
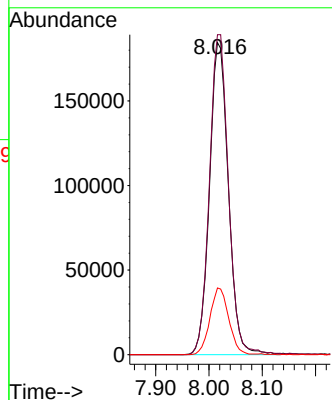
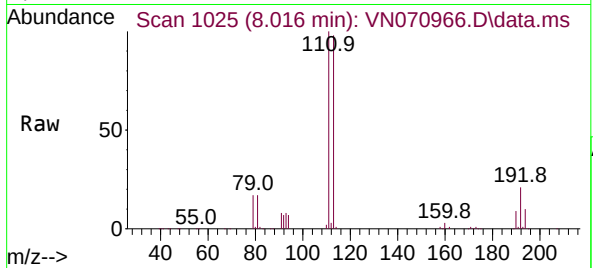




#35
Dibromofluoromethane
Concen: 48.947 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

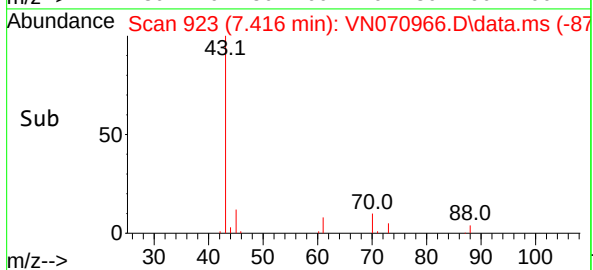
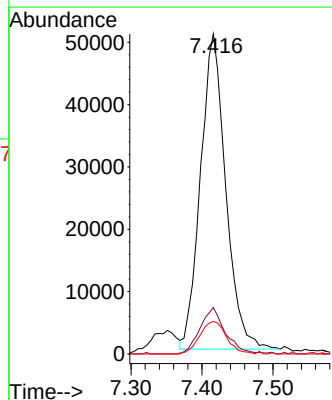
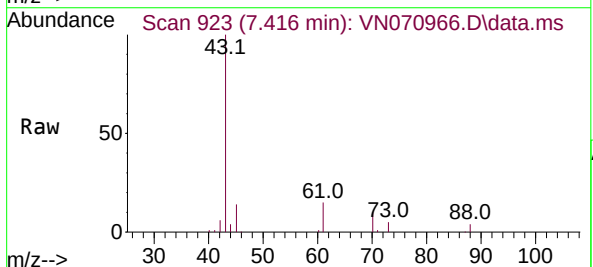
Instrument :
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ClientSampleId :
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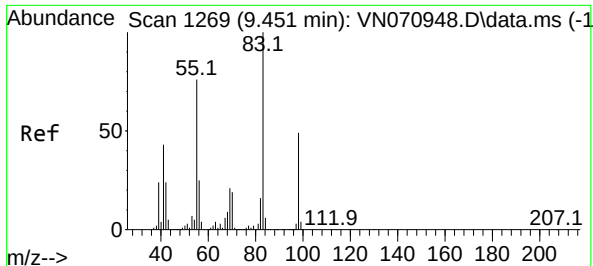
Tgt Ion:113 Resp: 454979
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.3 16.9 25.3



#37
Ethyl Acetate
Concen: 7.649 ug/l
RT: 7.416 min Scan# 923
Delta R.T. 0.012 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion: 43 Resp: 124930
Ion Ratio Lower Upper
43 100
61 14.8 11.5 17.3
70 10.9 7.9 11.9





#39

Methylcyclohexane

Concen: 2.651 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN070966.D

Acq: 16 Feb 2022 18:16

Instrument :

MSVOA_N

ClientSampleId :

MW-16SR

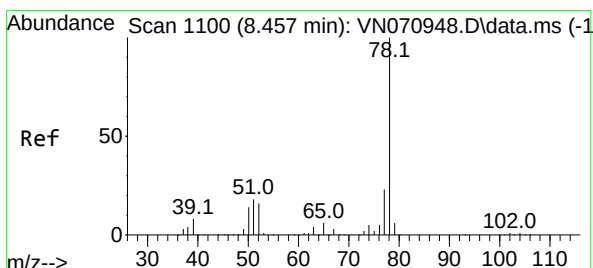
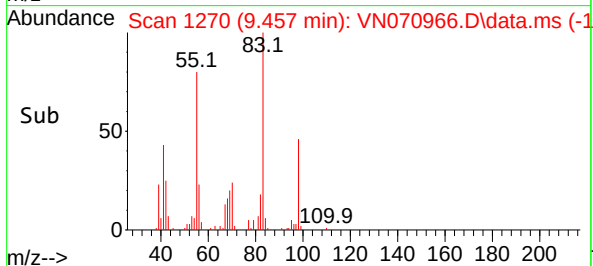
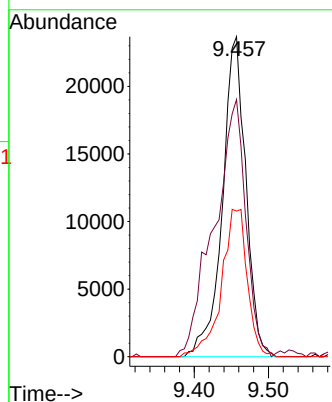
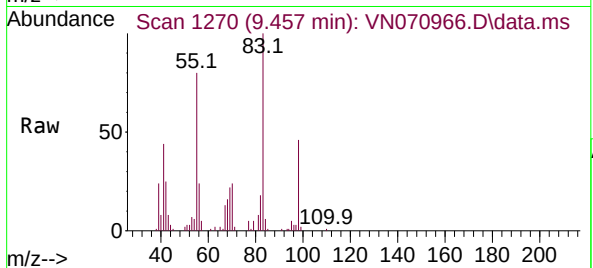
Tgt Ion: 83 Resp: 51946

Ion Ratio Lower Upper

83 100

55 78.6 58.1 87.1

98 45.5 38.4 57.6



#40

Benzene

Concen: 65.082 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN070966.D

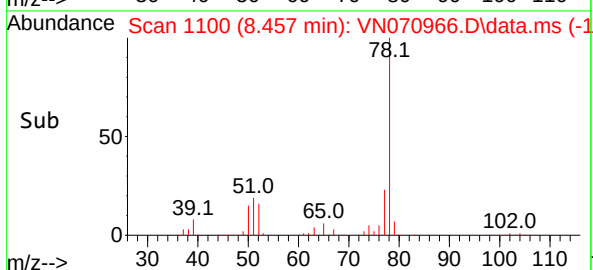
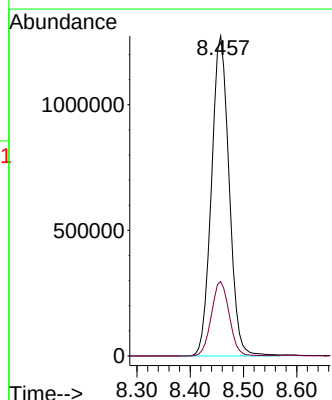
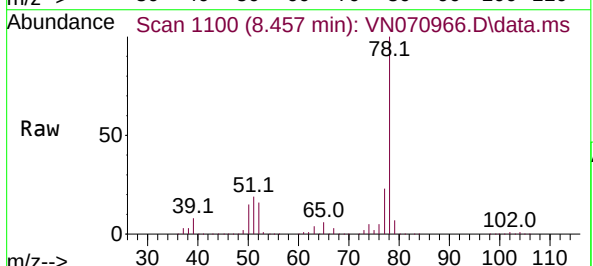
Acq: 16 Feb 2022 18:16

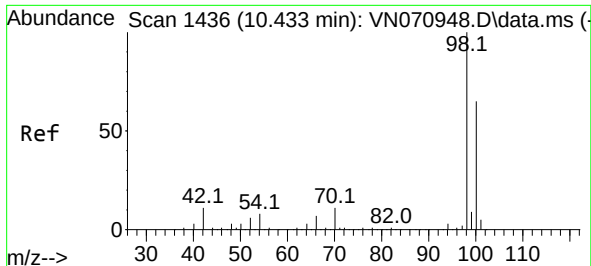
Tgt Ion: 78 Resp: 2931773

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8

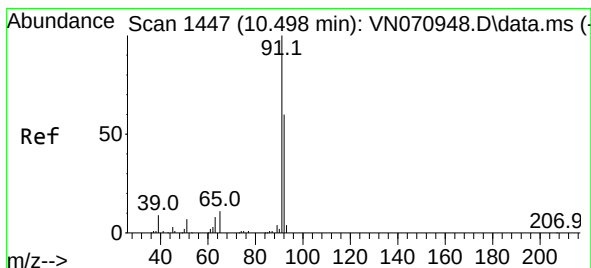
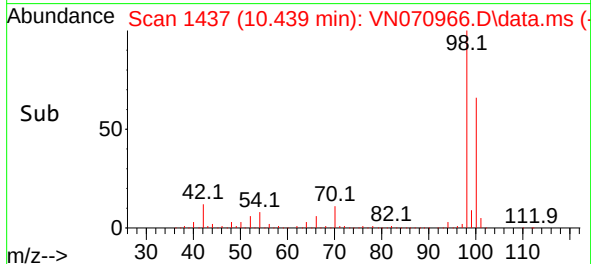
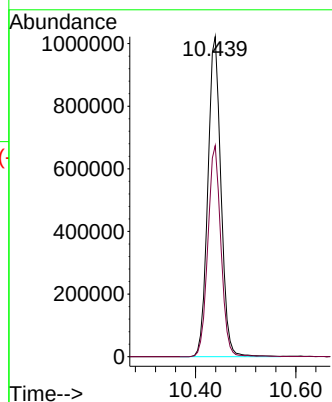
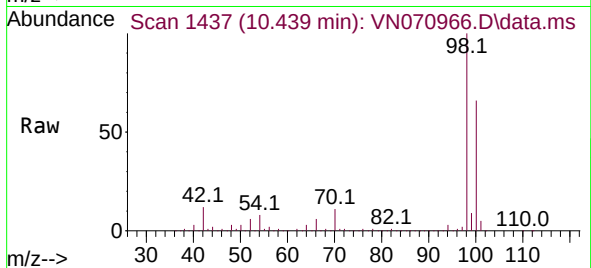




#50
Toluene-d8
Concen: 49.726 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

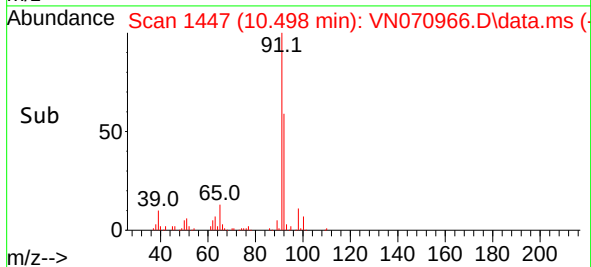
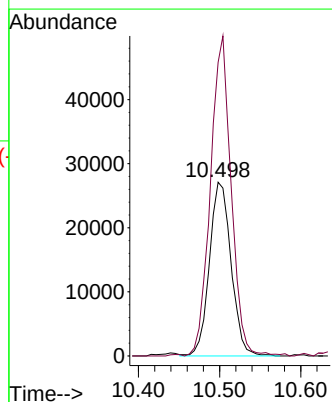
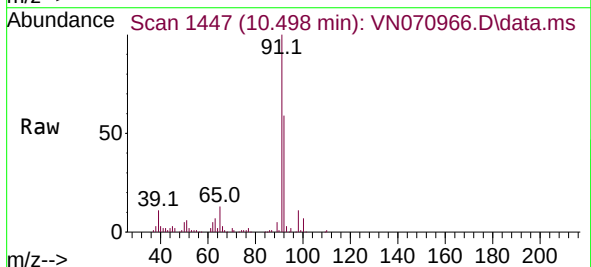
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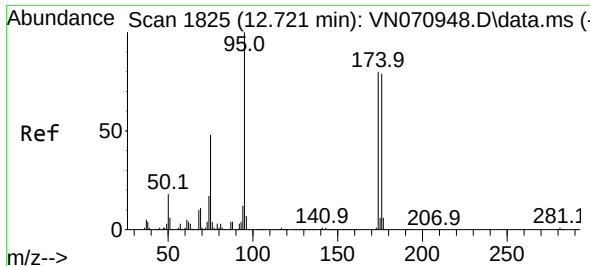
Tgt Ion: 98 Resp: 1856252
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#52
Toluene
Concen: 1.775 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion: 92 Resp: 50252
Ion Ratio Lower Upper
92 100
91 176.6 142.0 213.0

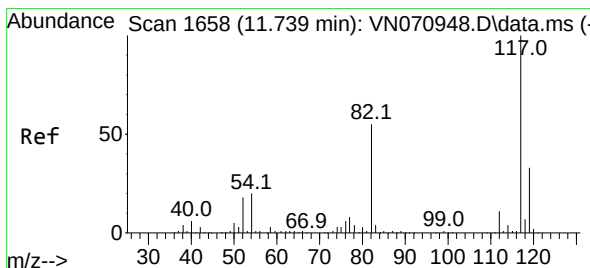
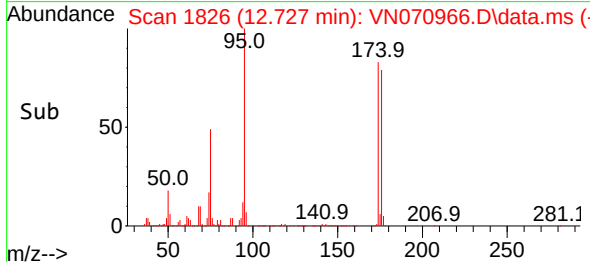
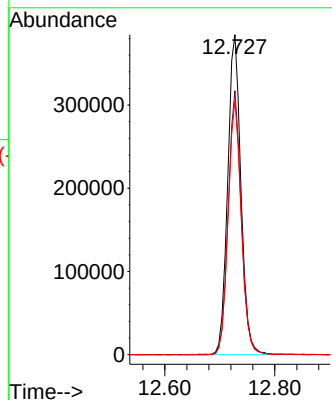
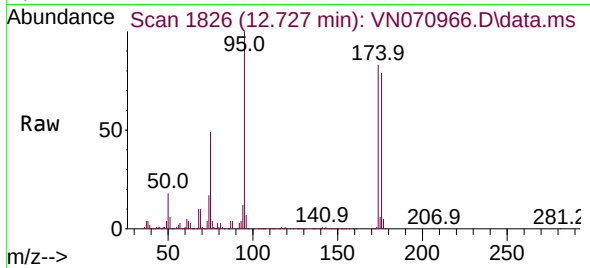




#62
4-Bromofluorobenzene
Concen: 48.256 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

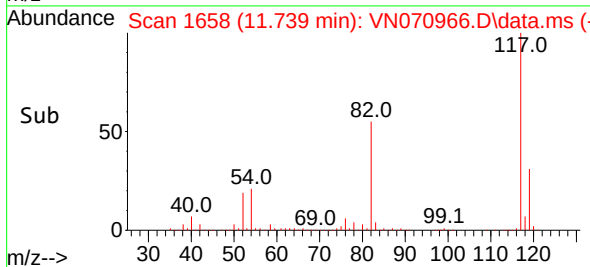
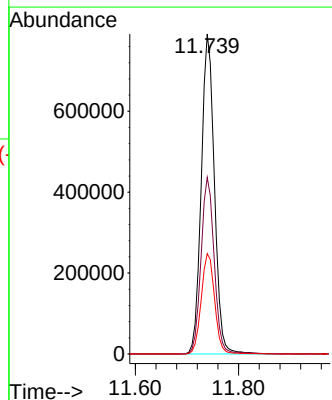
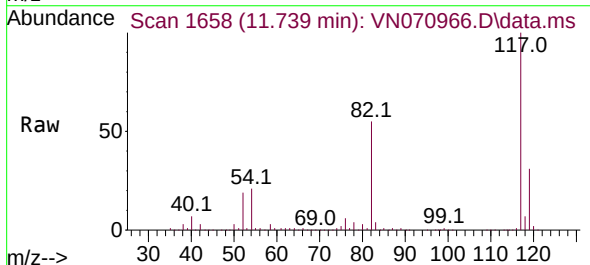
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

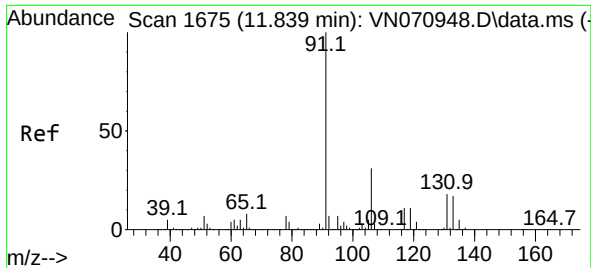
Tgt Ion: 95 Resp: 643891
Ion Ratio Lower Upper
95 100
174 81.6 0.0 187.2
176 78.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion: 117 Resp: 1395758
Ion Ratio Lower Upper
117 100
82 55.2 42.4 63.6
119 31.4 25.4 38.2

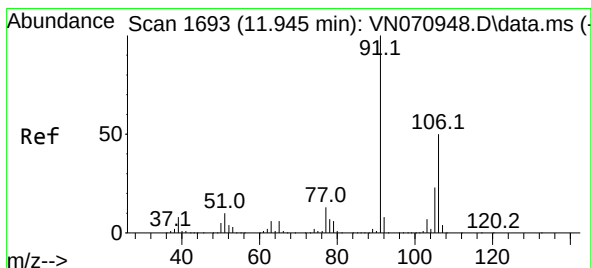
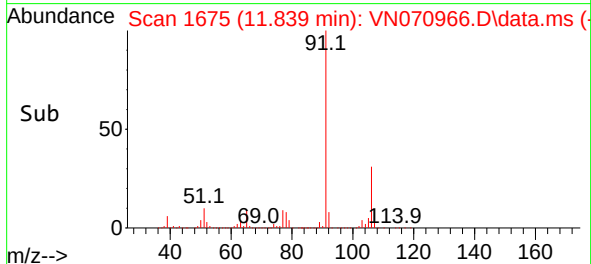
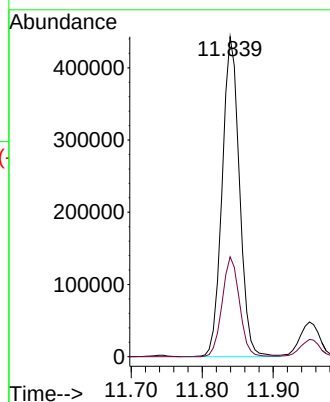
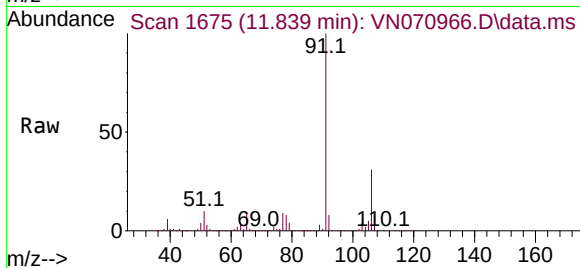




#67
Ethyl Benzene
Concen: 14.195 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

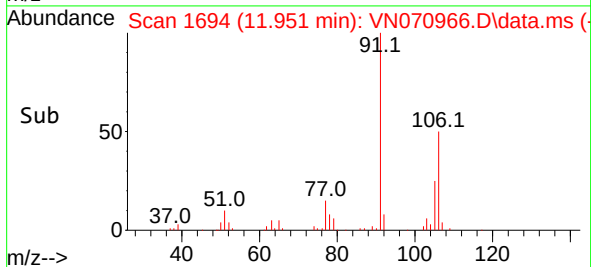
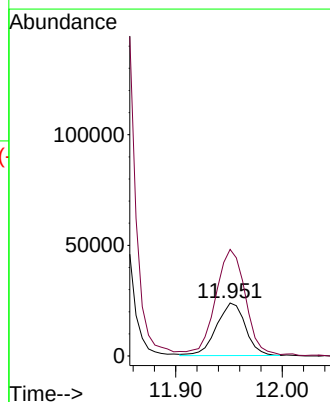
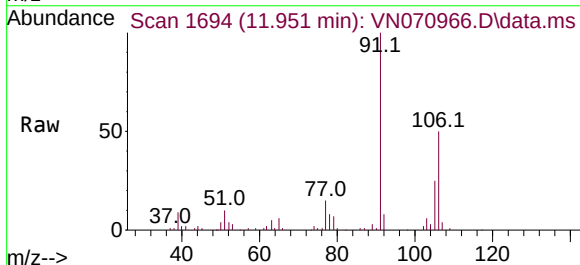
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

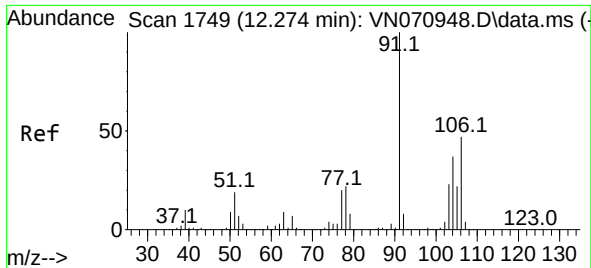
Tgt Ion: 91 Resp: 747220
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5



#68
m/p-Xylenes
Concen: 2.212 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion:106 Resp: 44983
Ion Ratio Lower Upper
106 100
91 208.2 160.6 240.8

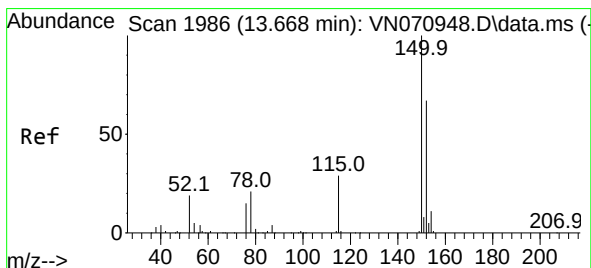
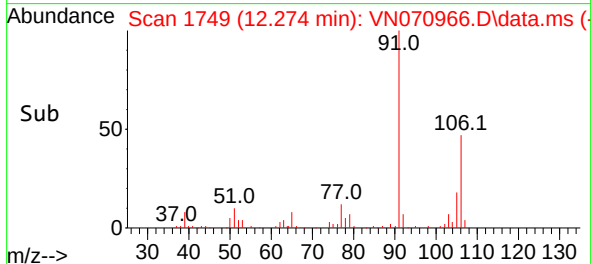
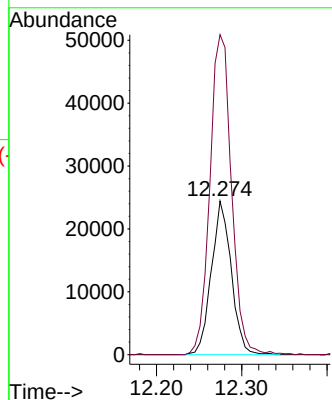
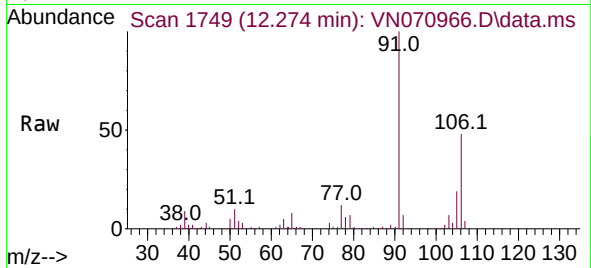




#69
o-Xylene
Concen: 1.997 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

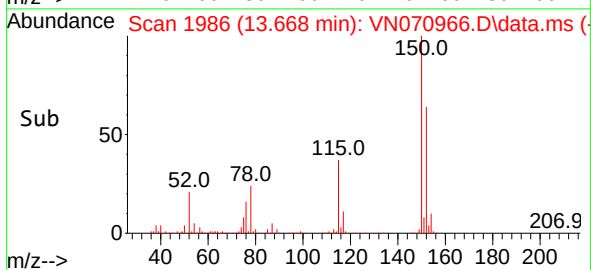
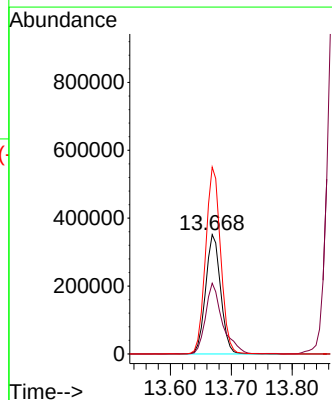
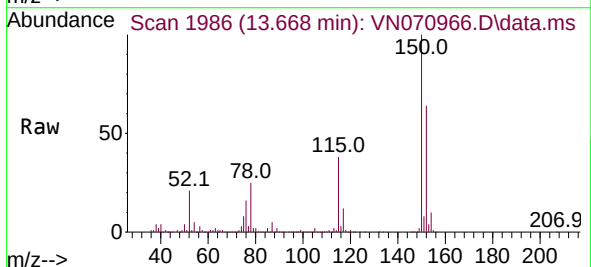
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

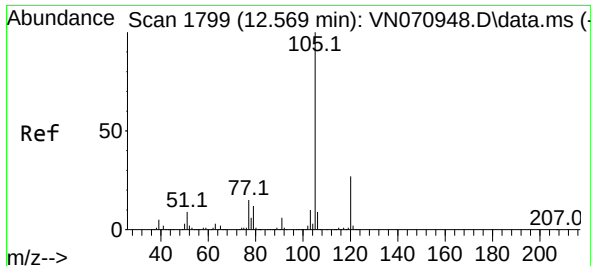
Tgt Ion:106 Resp: 39675
Ion Ratio Lower Upper
106 100
91 226.2 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion:152 Resp: 599308
Ion Ratio Lower Upper
152 100
115 66.7 27.5 82.5
150 157.2 0.0 344.4

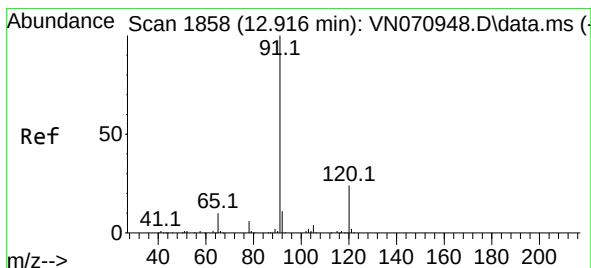
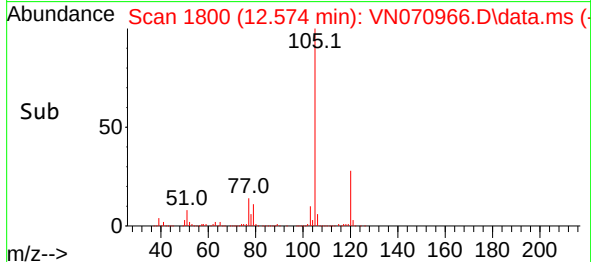
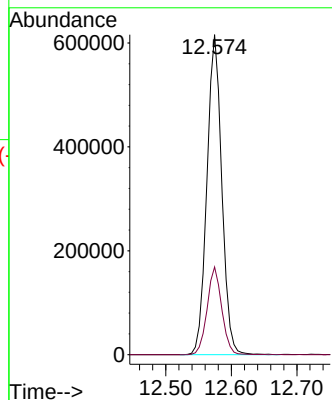
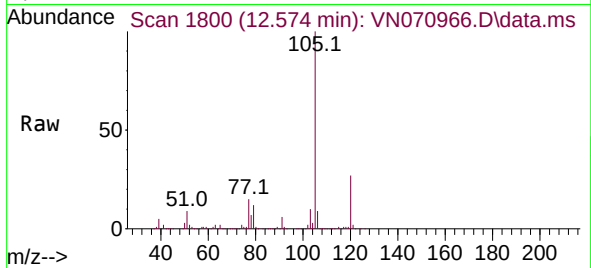




#73
Isopropylbenzene
Concen: 20.185 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

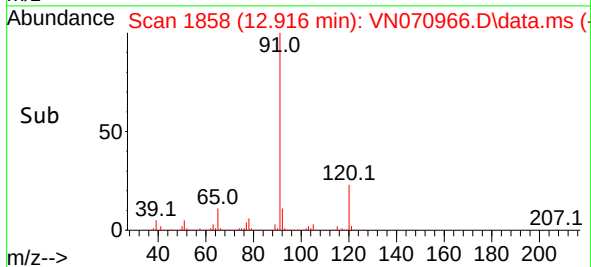
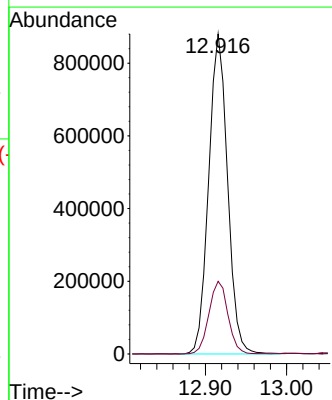
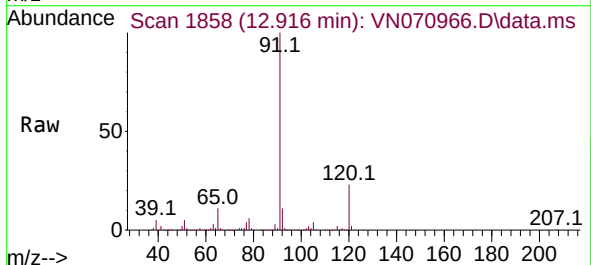
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

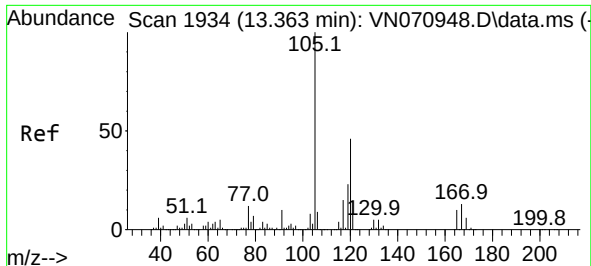
Tgt Ion:105 Resp: 973709
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#78
n-propylbenzene
Concen: 26.213 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion: 91 Resp: 1420720
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9

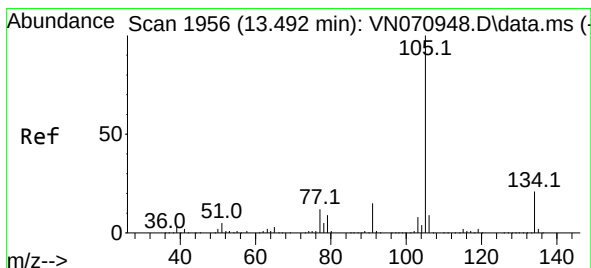
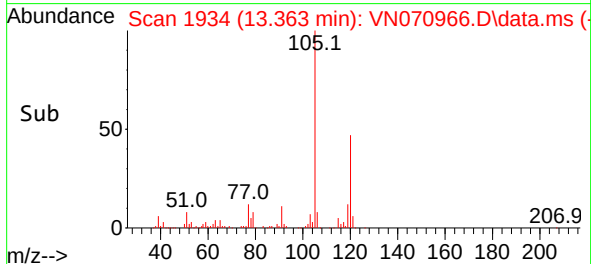
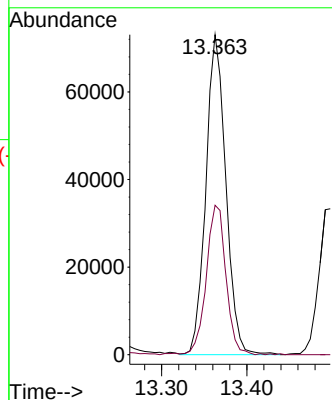
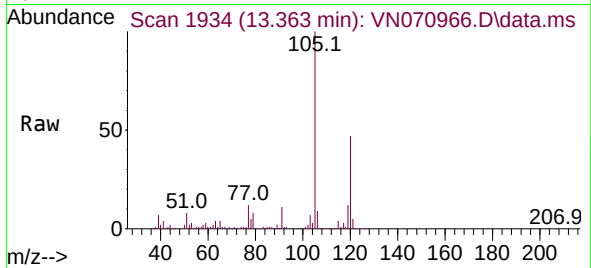




#84
1,2,4-Trimethylbenzene
Concen: 3.089 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

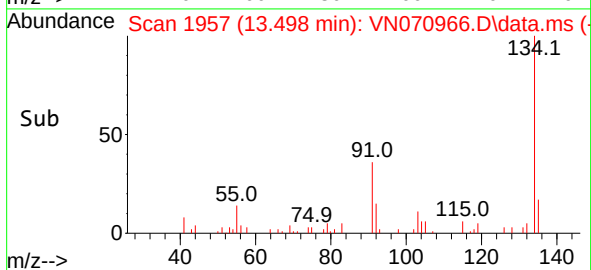
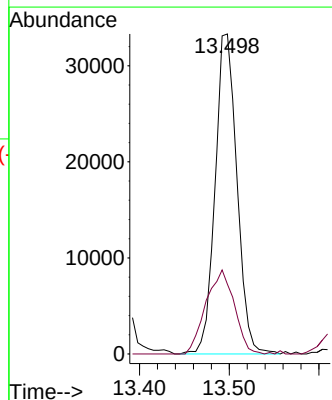
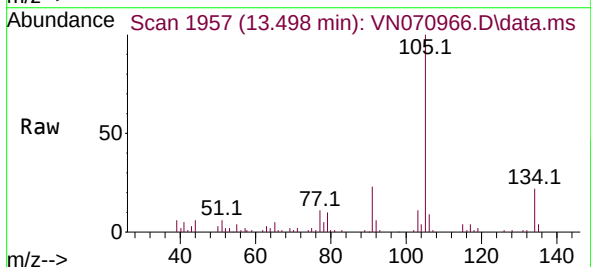
Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

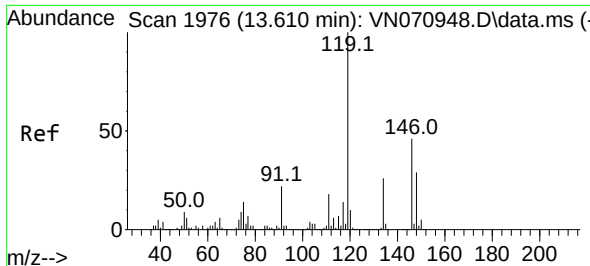
Tgt Ion:105 Resp: 118846
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.153 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion:105 Resp: 56319
Ion Ratio Lower Upper
105 100
134 34.1 10.4 31.1#

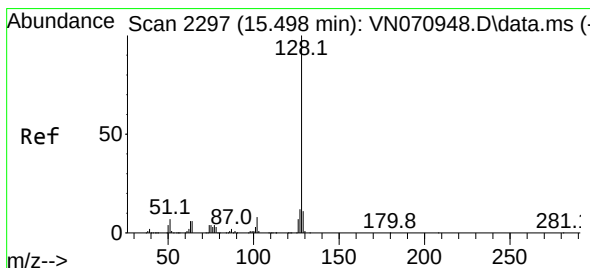
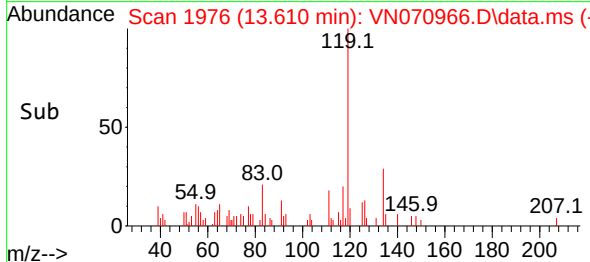
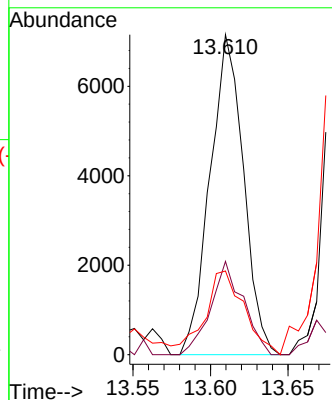
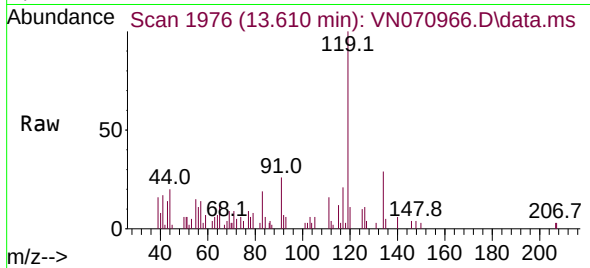




#86
p-Isopropyltoluene
Concen: 0.268 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Instrument :
MSVOA_N
ClientSampleId :
MW-16SR

Tgt Ion:119 Resp: 10745
Ion Ratio Lower Upper
119 100
134 28.2 13.6 40.7
91 0.0 11.4 34.1#



#95
Naphthalene
Concen: 89.130 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN070966.D
Acq: 16 Feb 2022 18:16

Tgt Ion:128 Resp: 2504331
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.9 8.7 13.1

