

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072484.D
 Acq On : 13 May 2022 18:02
 Operator : JC\MD
 Sample : N2800-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16

Quant Time: May 14 02:37:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

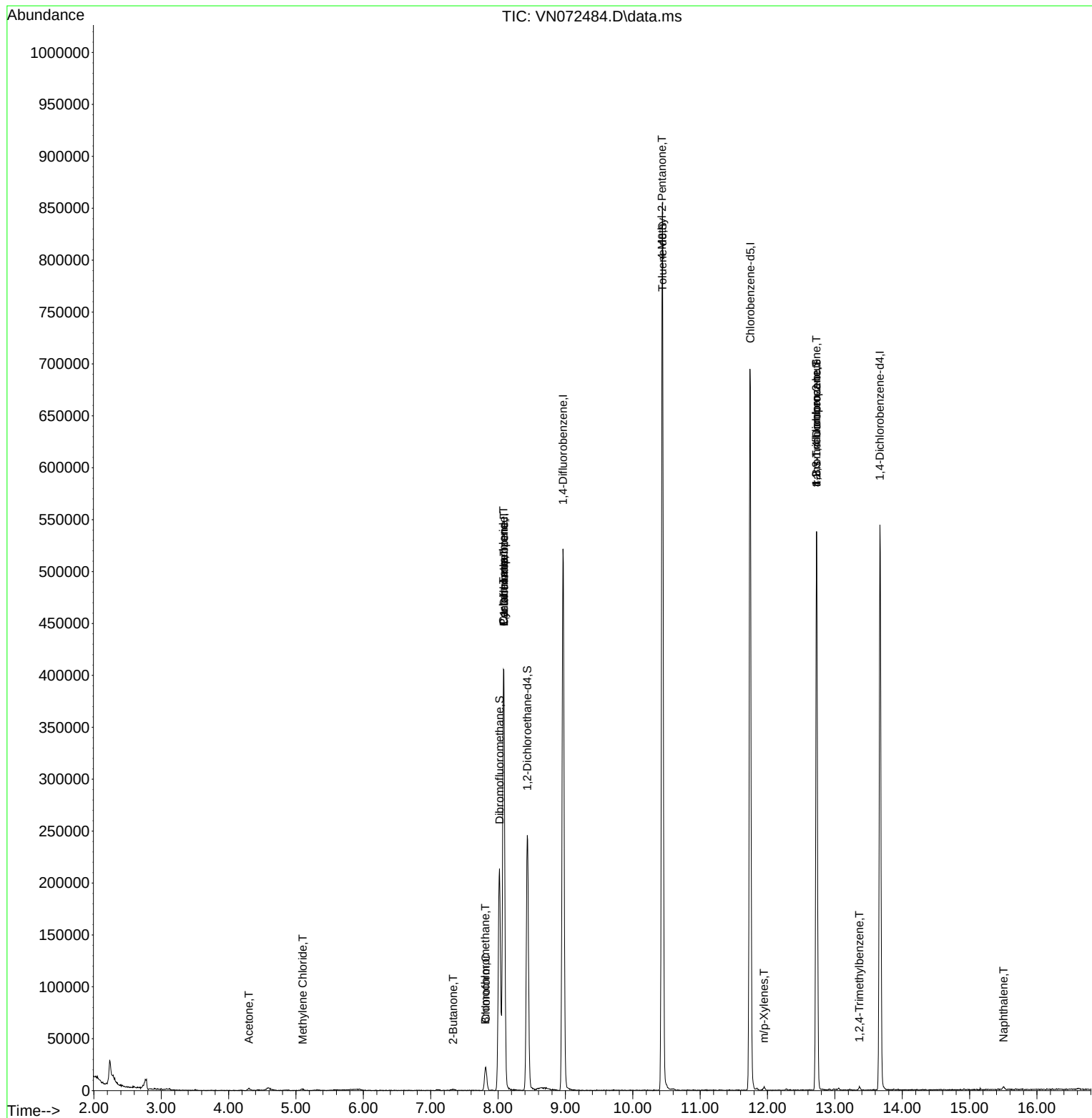
Internal Standards						
1) Pentafluorobenzene	8.086	168	300857	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	450292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	398378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	146165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	227304	49.327	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	98.660%	
35) Dibromofluoromethane	8.022	113	154548	51.589	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	103.180%	
50) Toluene-d8	10.439	98	573318	50.249	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.500%	
62) 4-Bromofluorobenzene	12.727	95	179739	47.435	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	94.880%	
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	955	Below Cal	#	71
6) Chloroethane	3.022	64	289	Below Cal	#	42
16) Acetone	4.298	43	2975	1.630	ug/l #	88
20) Methylene Chloride	5.098	84	1099	0.294	ug/l #	77
25) 2-Butanone	7.333	43	1019	0.354	ug/l	99
28) Bromochloromethane	7.810	49	1891	0.689	ug/l #	8
30) Chloroform	7.816	83	22663	3.446	ug/l	93
31) Cyclohexane	8.086	56	6751	1.106	ug/l #	51
36) 1,1-Dichloropropene	8.086	75	24244	5.635	ug/l #	50
38) Carbon Tetrachloride	8.081	117	32492	6.747	ug/l #	16
51) 4-Methyl-2-Pentanone	10.433	43	2752	0.559	ug/l #	1
68) m/p-Xylenes	11.945	106	1181	0.222	ug/l	86
76) 1,2,3-Trichloropropane	12.727	75	102838	26.975	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	102838	89.991	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.363	105	2418	0.251	ug/l	100
95) Naphthalene	15.504	128	4085	3.724	ug/l #	80

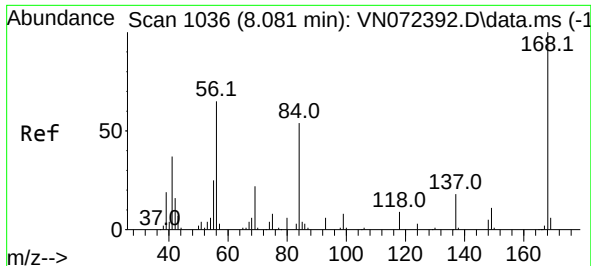
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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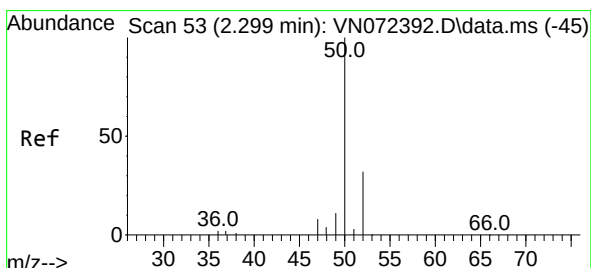
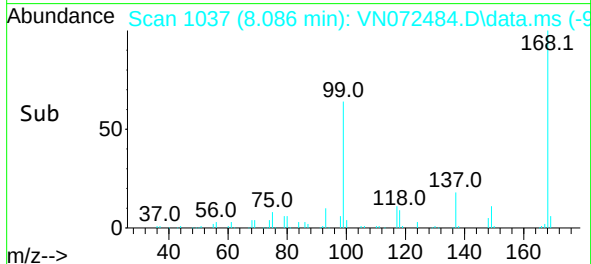
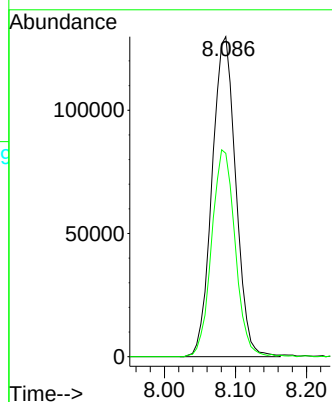
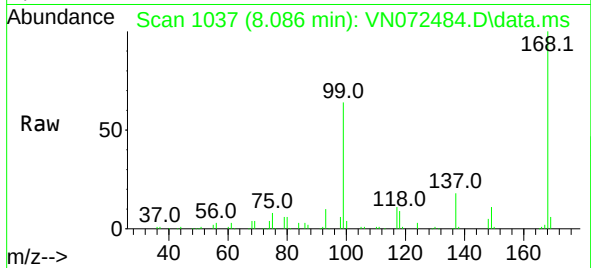




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

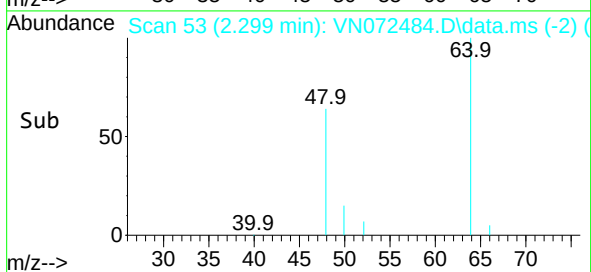
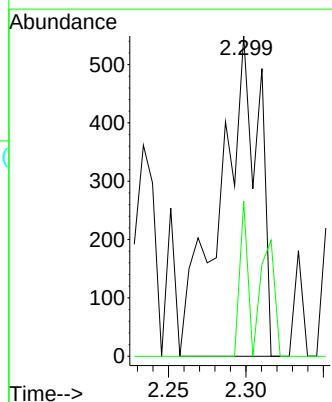
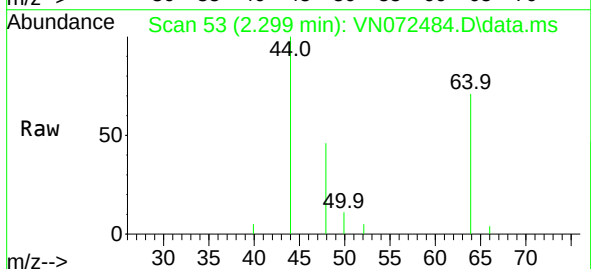
Instrument :
MSVOA_N
ClientSampleId :
MW-16

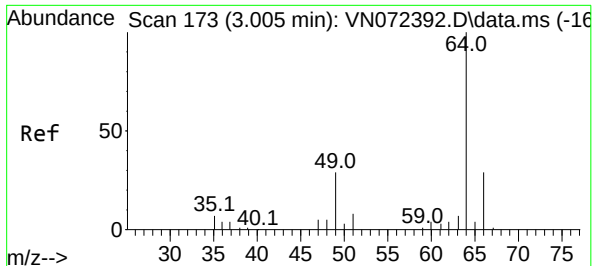
Tgt Ion:168 Resp: 300857
Ion Ratio Lower Upper
168 100
99 63.5 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

Tgt Ion: 50 Resp: 955
Ion Ratio Lower Upper
50 100
52 48.5 25.7 38.5#

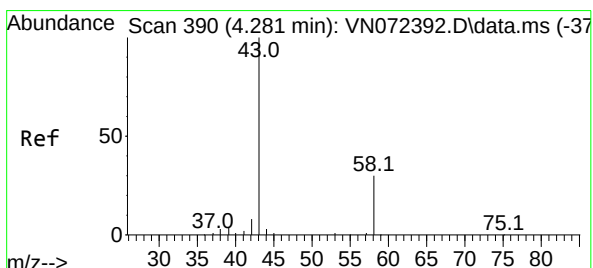
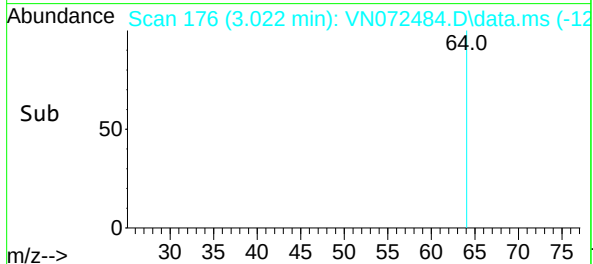
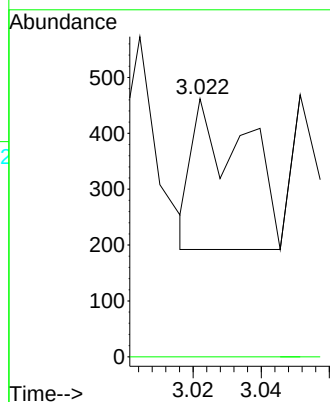
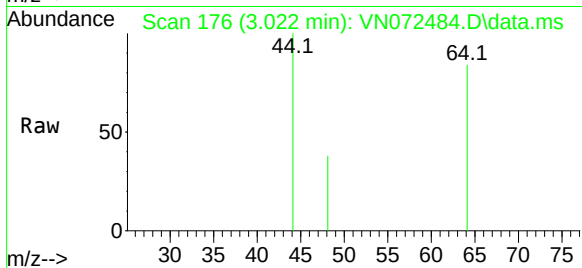




#6
Chloroethane
Concen: Below Cal
RT: 3.022 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

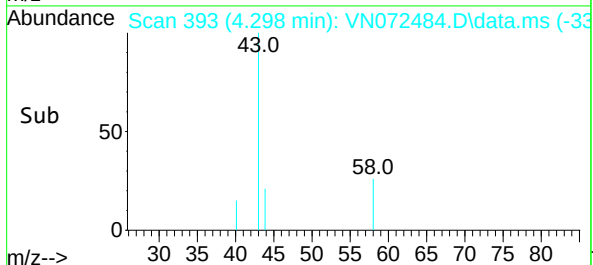
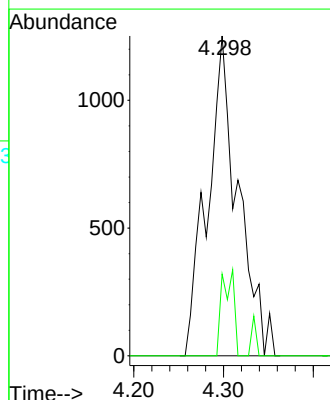
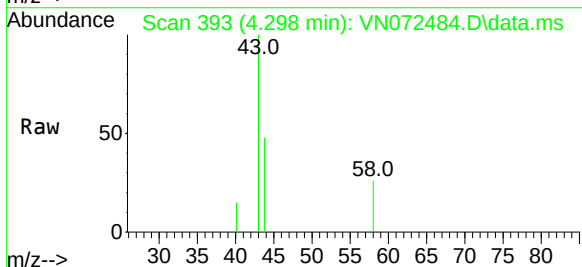
Instrument :
MSVOA_N
ClientSampleId :
MW-16

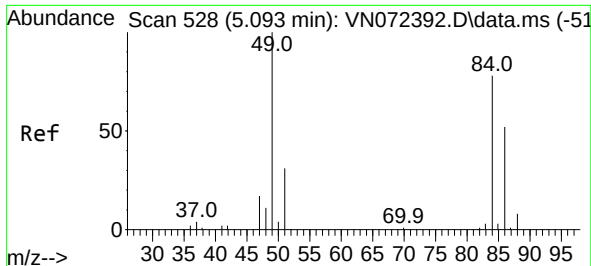
Tgt Ion: 64 Resp: 289
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.630 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

Tgt Ion: 43 Resp: 2975
Ion Ratio Lower Upper
43 100
58 25.6 26.0 39.0#



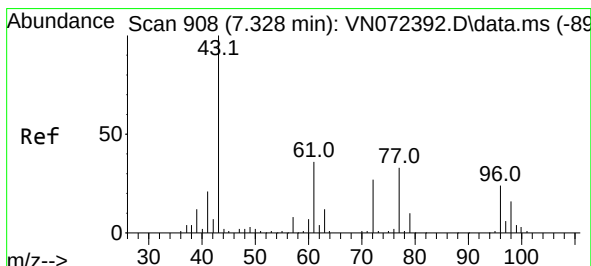
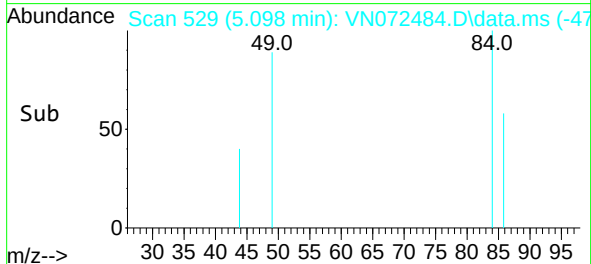
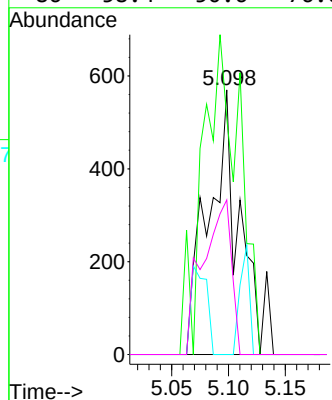
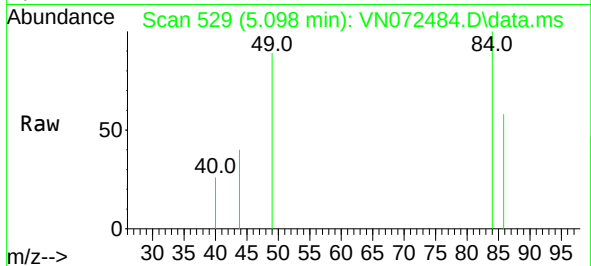


#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

Instrument :
MSVOA_N
ClientSampleId :
MW-16

Tgt Ion: 84 Resp: 1099

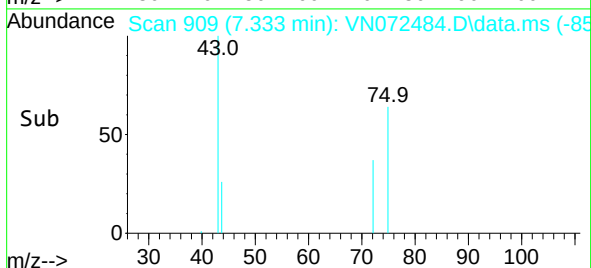
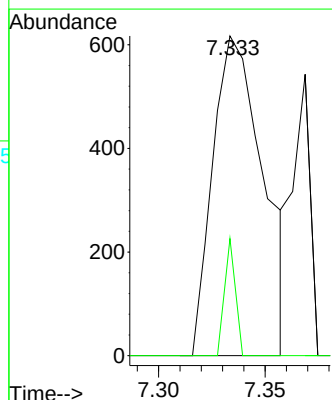
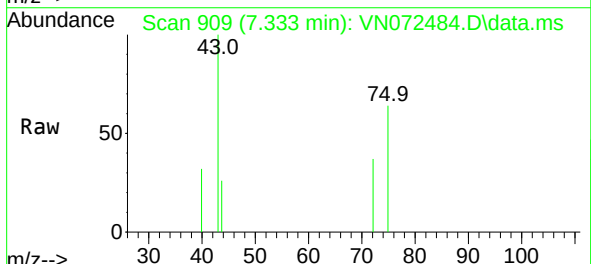
Ion	Ratio	Lower	Upper
84	100		
49	89.3	88.3	132.5
51	0.0	28.2	42.2#
86	58.4	50.6	76.0

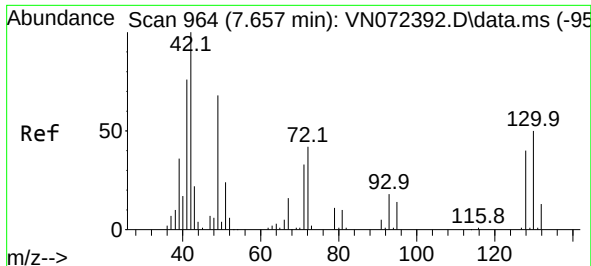


#25
2-Butanone
Concen: 0.354 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

Tgt Ion: 43 Resp: 1019

Ion	Ratio	Lower	Upper
43	100		
72	29.1	23.7	35.5

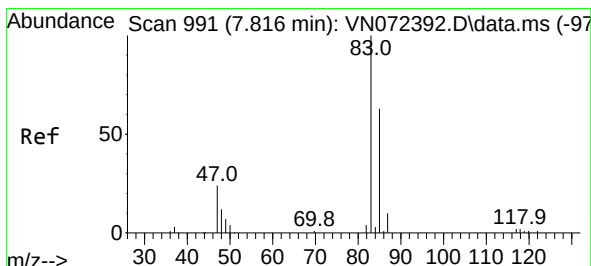
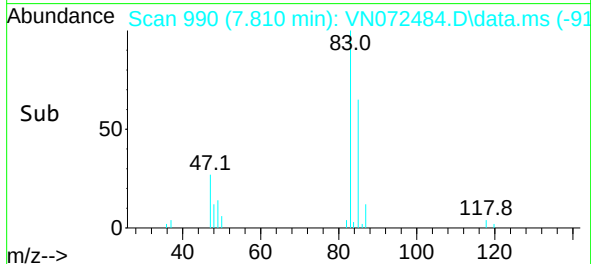
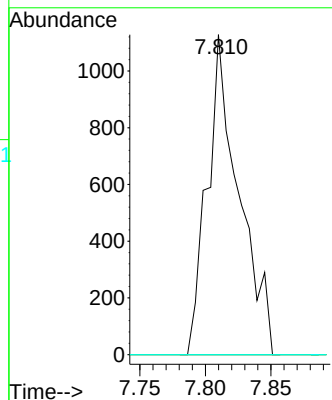
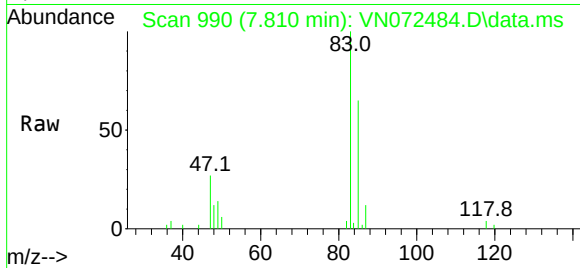




#28
Bromochloromethane
Concen: 0.689 ug/l
RT: 7.810 min Scan# 91
Delta R.T. 0.153 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

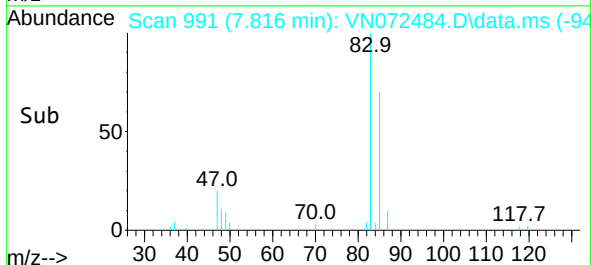
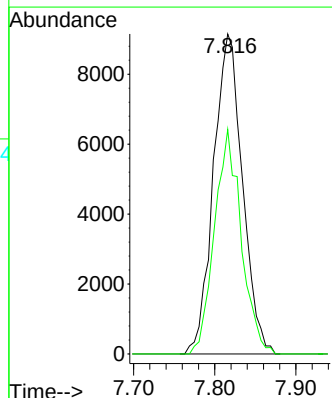
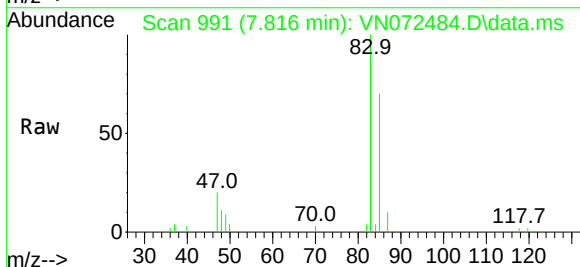
Instrument :
MSVOA_N
ClientSampleId :
MW-16

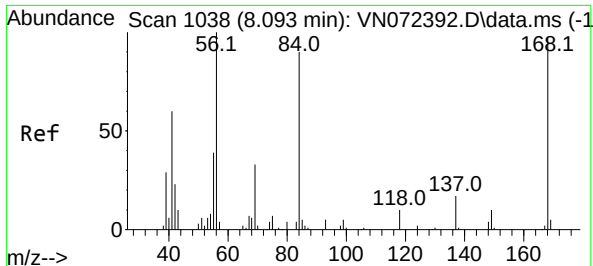
Tgt Ion: 49 Resp: 1891
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#30
Chloroform
Concen: 3.446 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

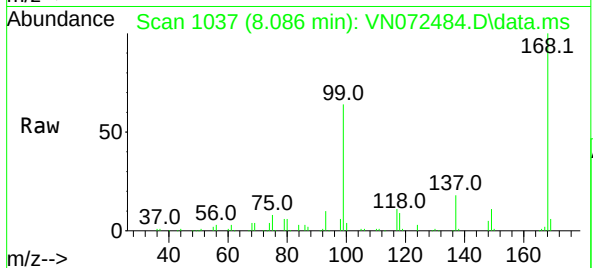
Tgt Ion: 83 Resp: 22663
Ion Ratio Lower Upper
83 100
85 70.1 51.8 77.8



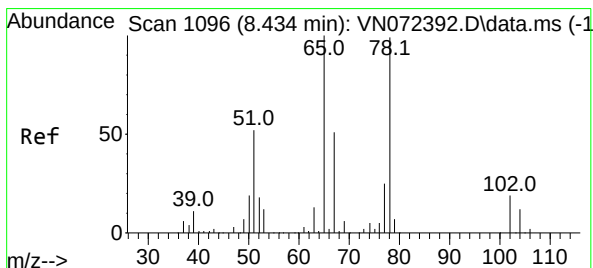
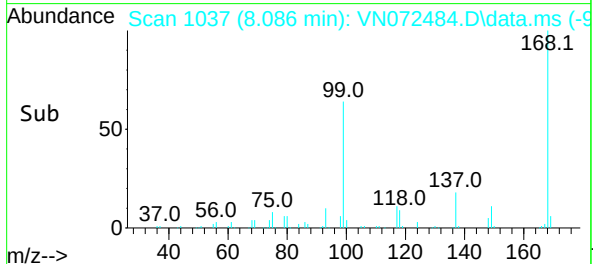
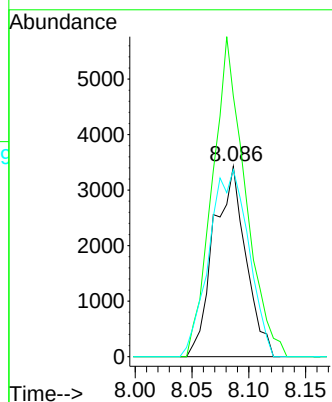


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.007 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

Instrument :
MSVOA_N
ClientSampleId :
MW-16

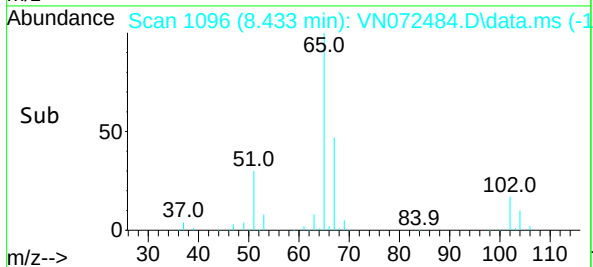
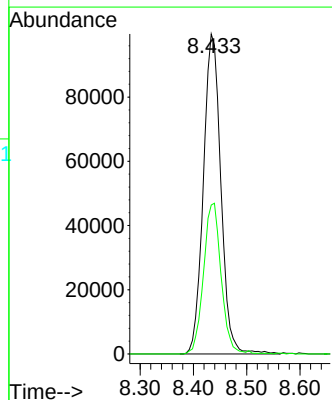
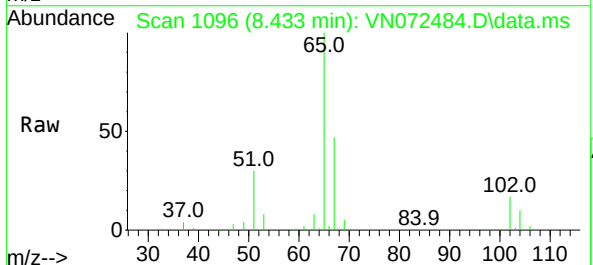


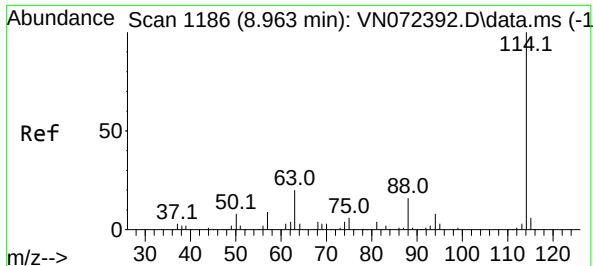
Tgt Ion: 56 Resp: 6751
Ion Ratio Lower Upper
56 100
69 137.0 27.8 41.8#
84 98.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 49.327 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

Tgt Ion: 65 Resp: 227304
Ion Ratio Lower Upper
65 100
67 47.4 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: VN072484.D

Acq: 13 May 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

MW-16

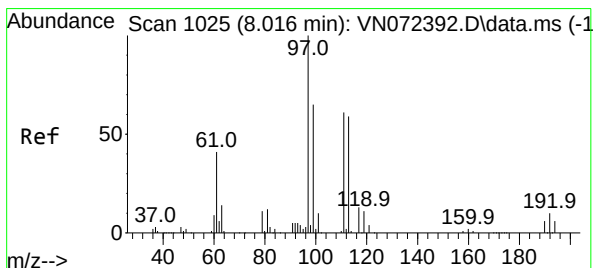
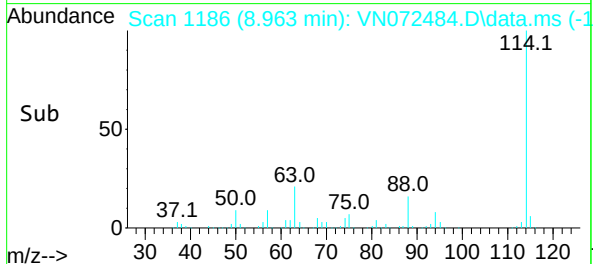
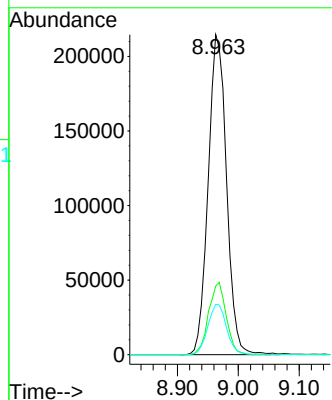
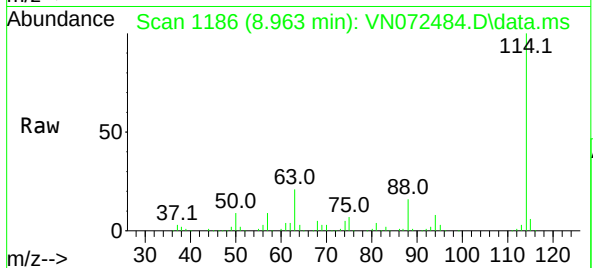
Tgt Ion:114 Resp: 450292

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.589 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072484.D

Acq: 13 May 2022 18:02

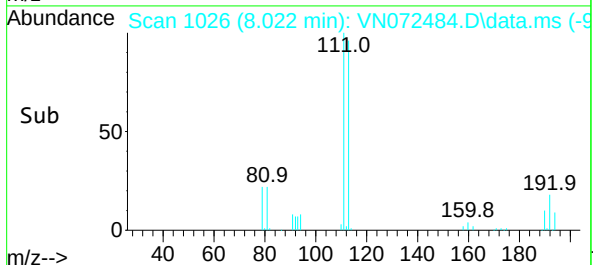
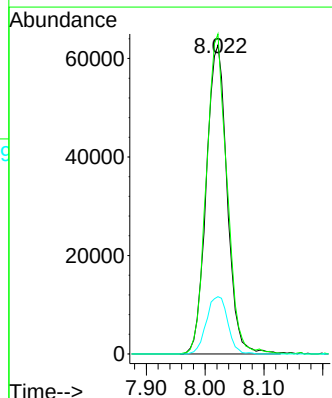
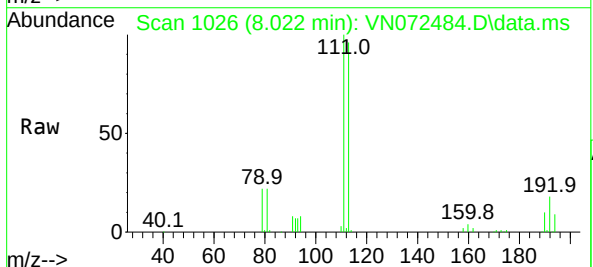
Tgt Ion:113 Resp: 154548

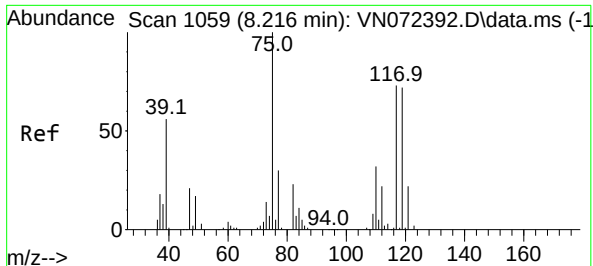
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 19.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.635 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN072484.D

Acq: 13 May 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

MW-16

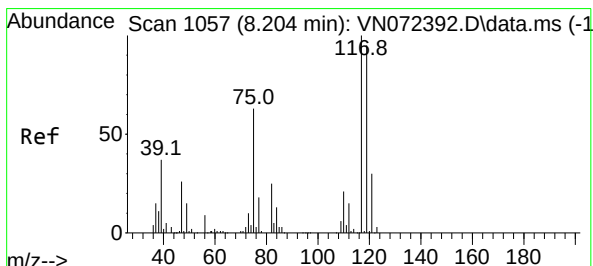
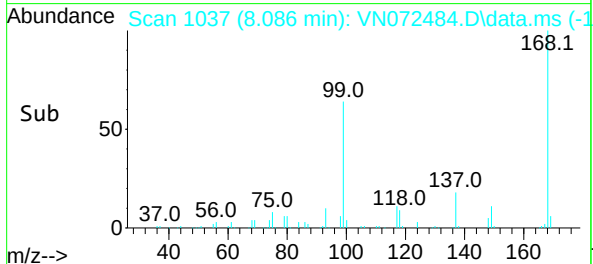
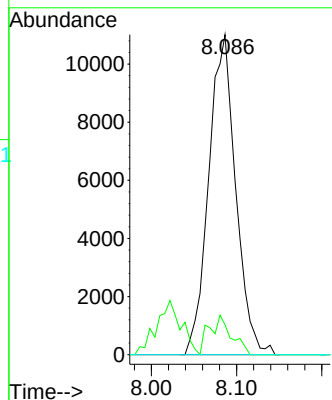
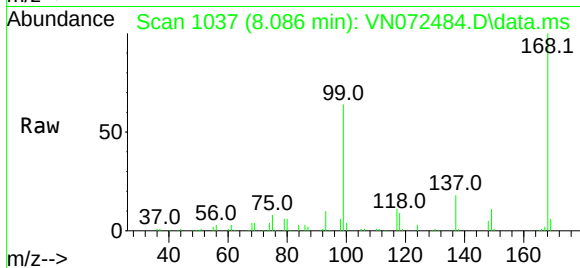
Tgt Ion: 75 Resp: 24244

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.747 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072484.D

Acq: 13 May 2022 18:02

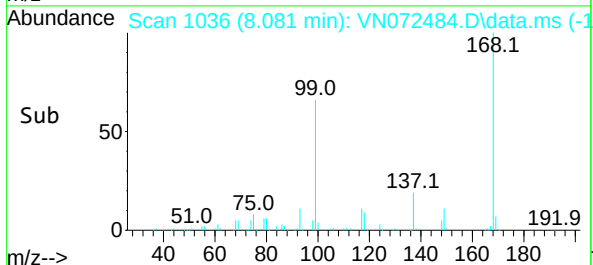
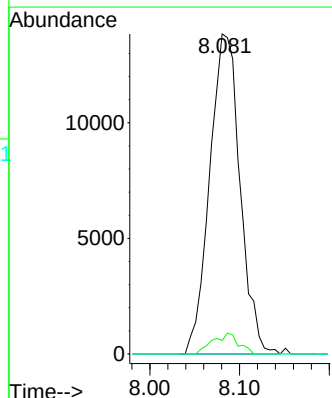
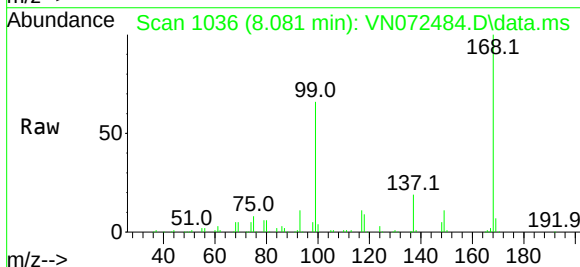
Tgt Ion: 117 Resp: 32492

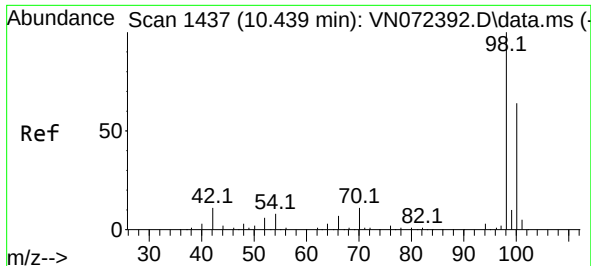
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 24.6 37.0#

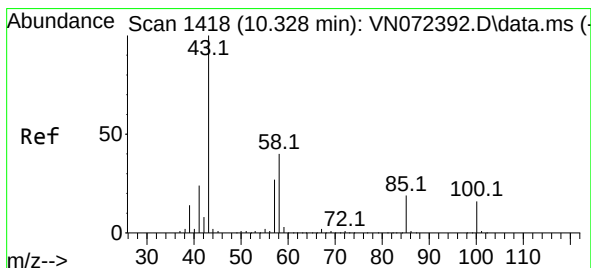
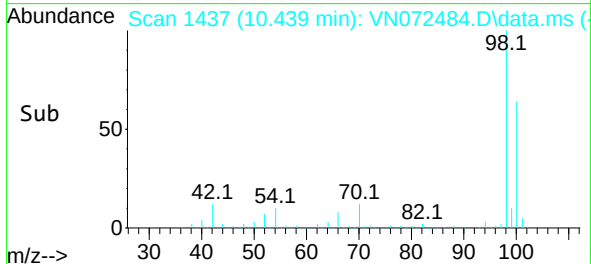
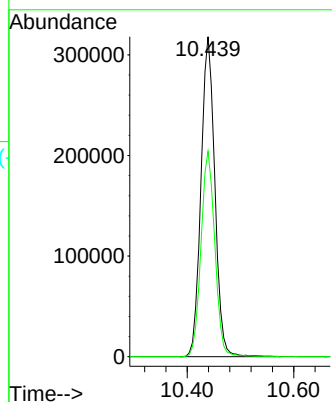
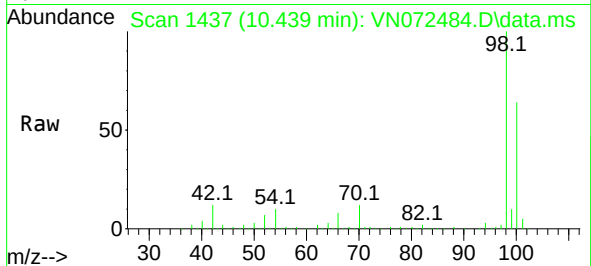




#50
Toluene-d8
Concen: 50.249 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

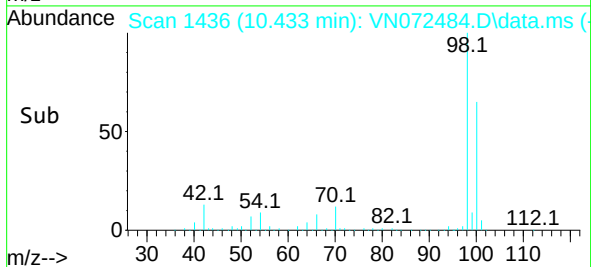
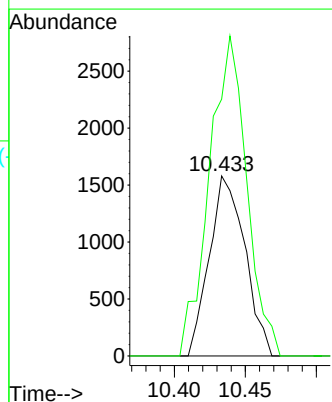
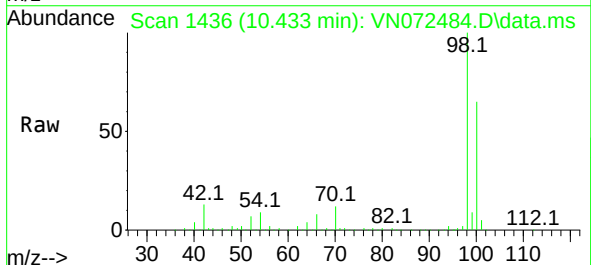
Instrument :
MSVOA_N
ClientSampleId :
MW-16

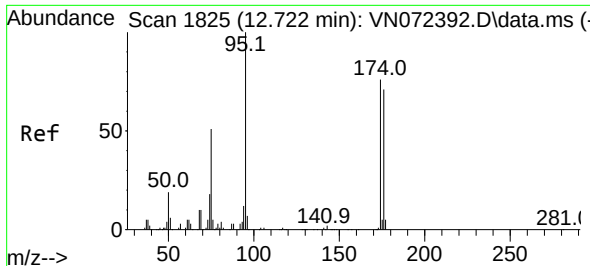
Tgt Ion: 98 Resp: 573318
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.105 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

Tgt Ion: 43 Resp: 2752
Ion Ratio Lower Upper
43 100
58 186.9 34.1 51.1#

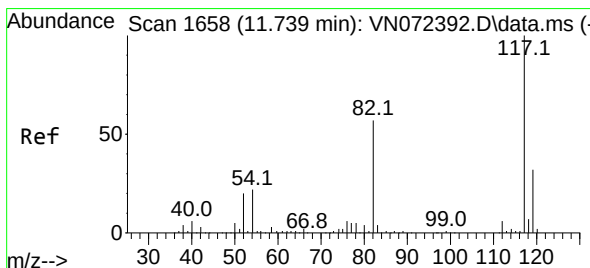
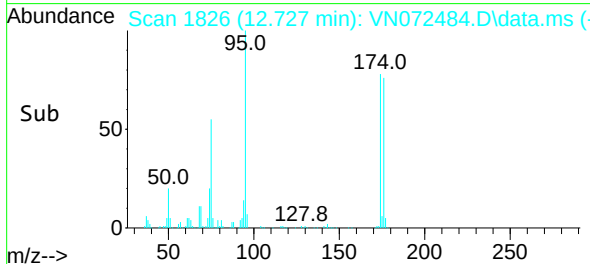
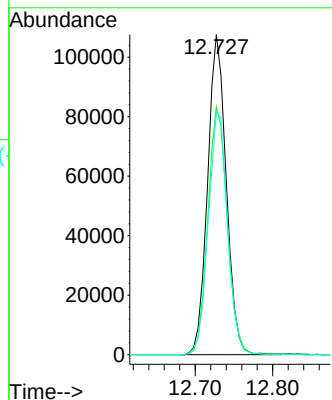
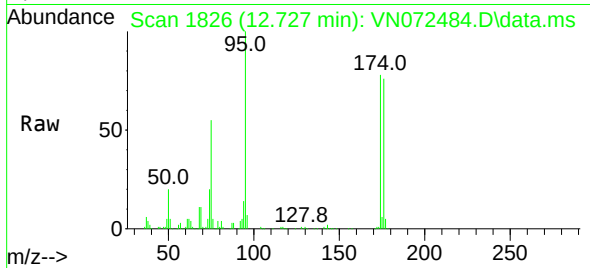




#62
4-Bromofluorobenzene
Concen: 47.435 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

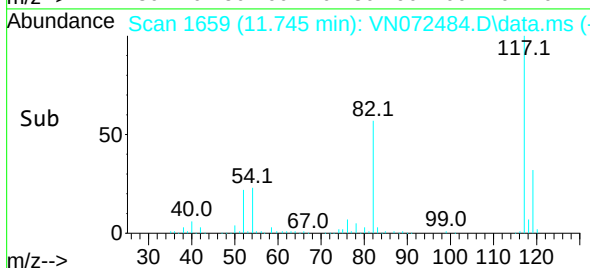
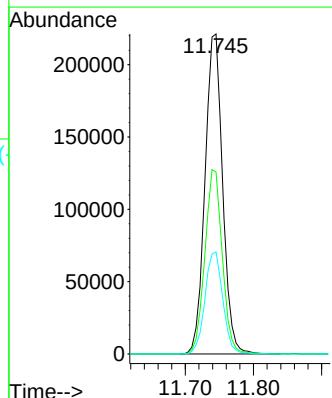
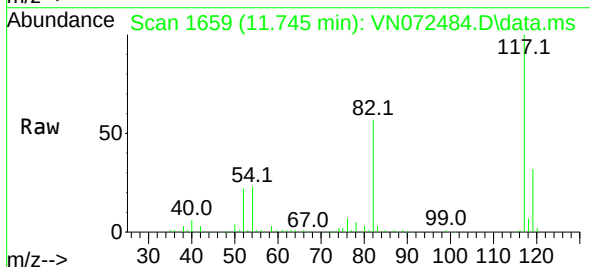
Instrument :
MSVOA_N
ClientSampleId :
MW-16

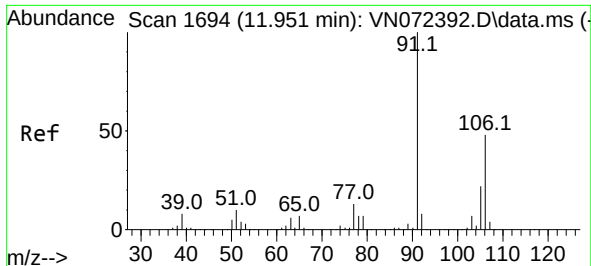
Tgt Ion: 95 Resp: 179739
Ion Ratio Lower Upper
95 100
174 80.7 0.0 167.6
176 78.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

Tgt Ion: 117 Resp: 398378
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 31.9 25.4 38.0

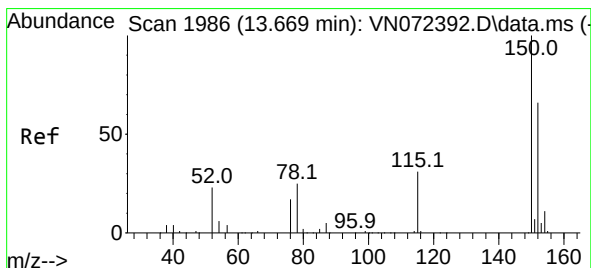
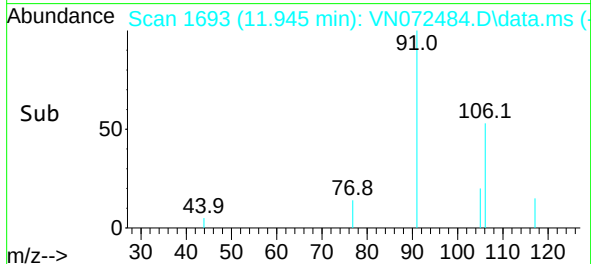
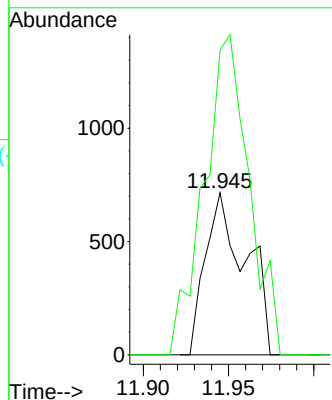
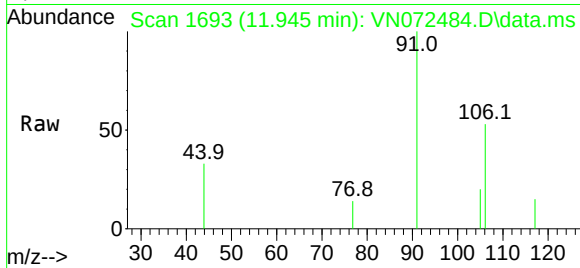




#68
m/p-Xylenes
Concen: 0.222 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

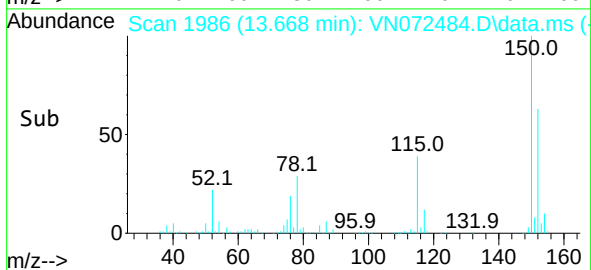
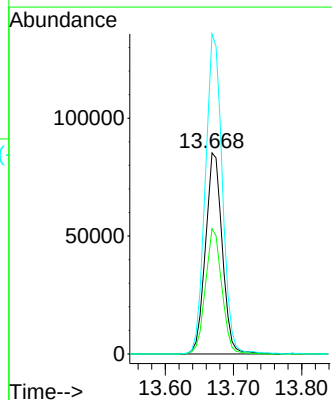
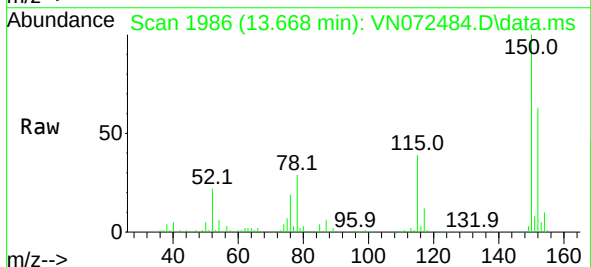
Instrument :
MSVOA_N
ClientSampleId :
MW-16

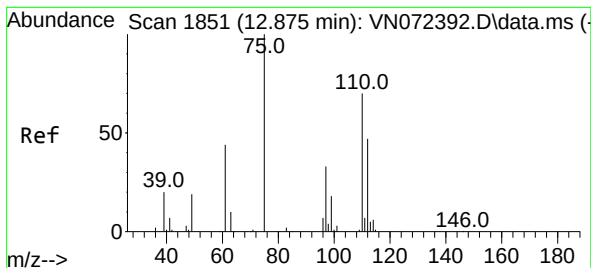
Tgt Ion:106 Resp: 1181
Ion Ratio Lower Upper
106 100
91 219.7 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072484.D
Acq: 13 May 2022 18:02

Tgt Ion:152 Resp: 146165
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 160.6 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 26.975 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.148 min

Lab File: VN072484.D

Acq: 13 May 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

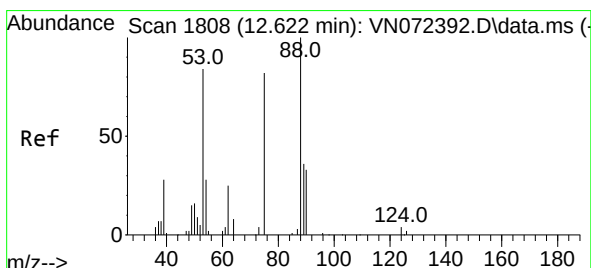
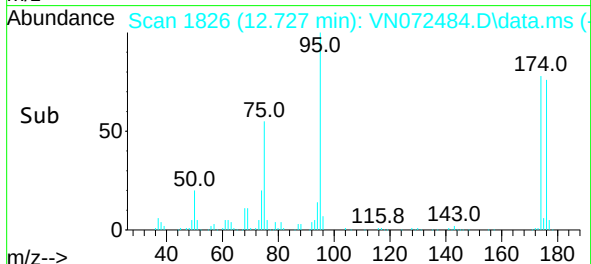
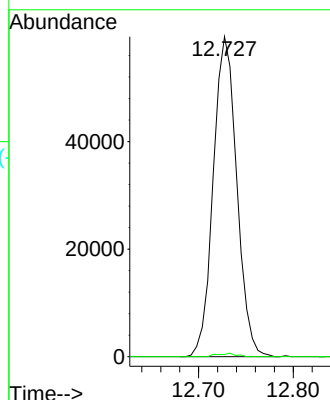
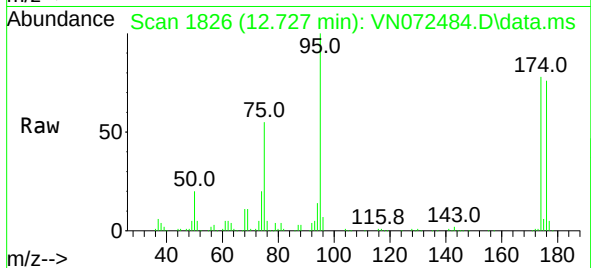
MW-16

Tgt Ion: 75 Resp: 102838

Ion Ratio Lower Upper

75 100

77 0.8 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.991 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN072484.D

Acq: 13 May 2022 18:02

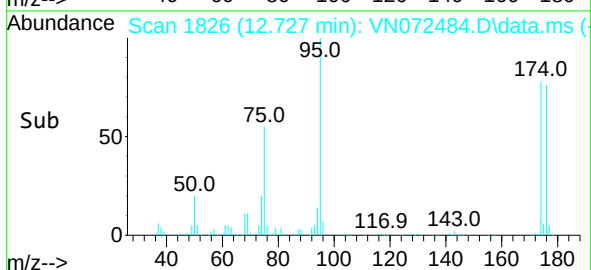
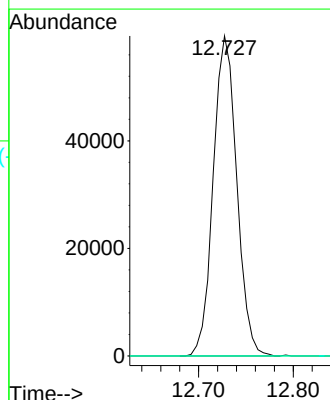
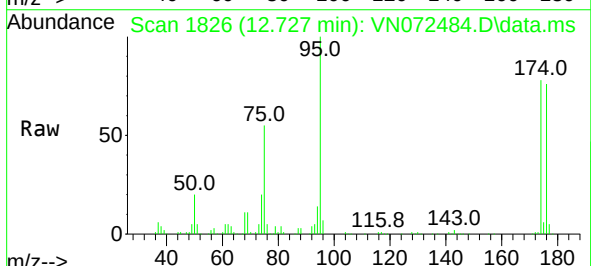
Tgt Ion: 75 Resp: 102838

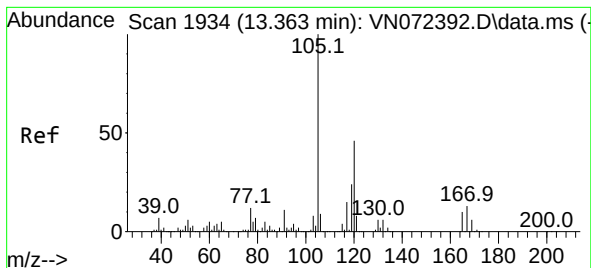
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.251 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072484.D

Acq: 13 May 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

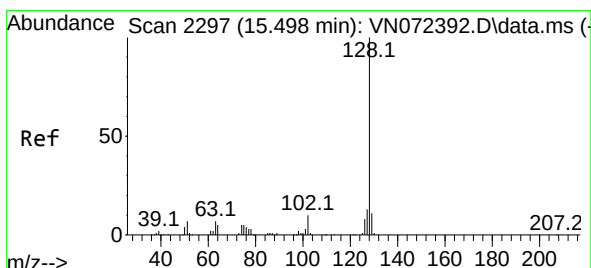
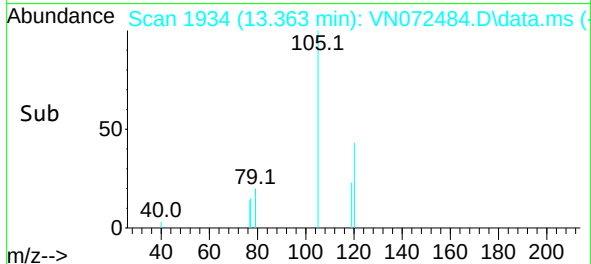
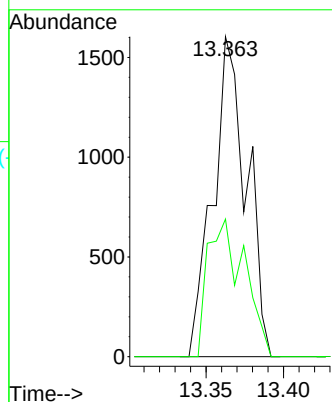
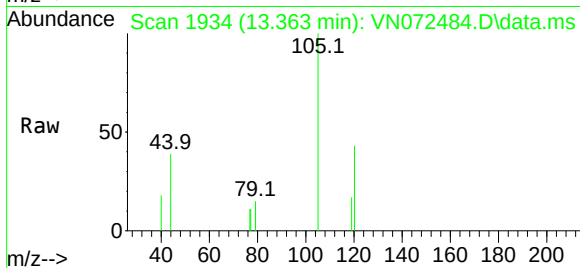
MW-16

Tgt Ion:105 Resp: 2418

Ion Ratio Lower Upper

105 100

120 46.7 23.3 69.8



#95

Naphthalene

Concen: 3.724 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN072484.D

Acq: 13 May 2022 18:02

Tgt Ion:128 Resp: 4085

Ion Ratio Lower Upper

128 100

127 6.4 10.3 15.5#

129 1.6 8.6 13.0#

