

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072488.D
 Acq On : 13 May 2022 19:39
 Operator : JC\MD
 Sample : N2800-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

Quant Time: May 14 02:38:34 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)

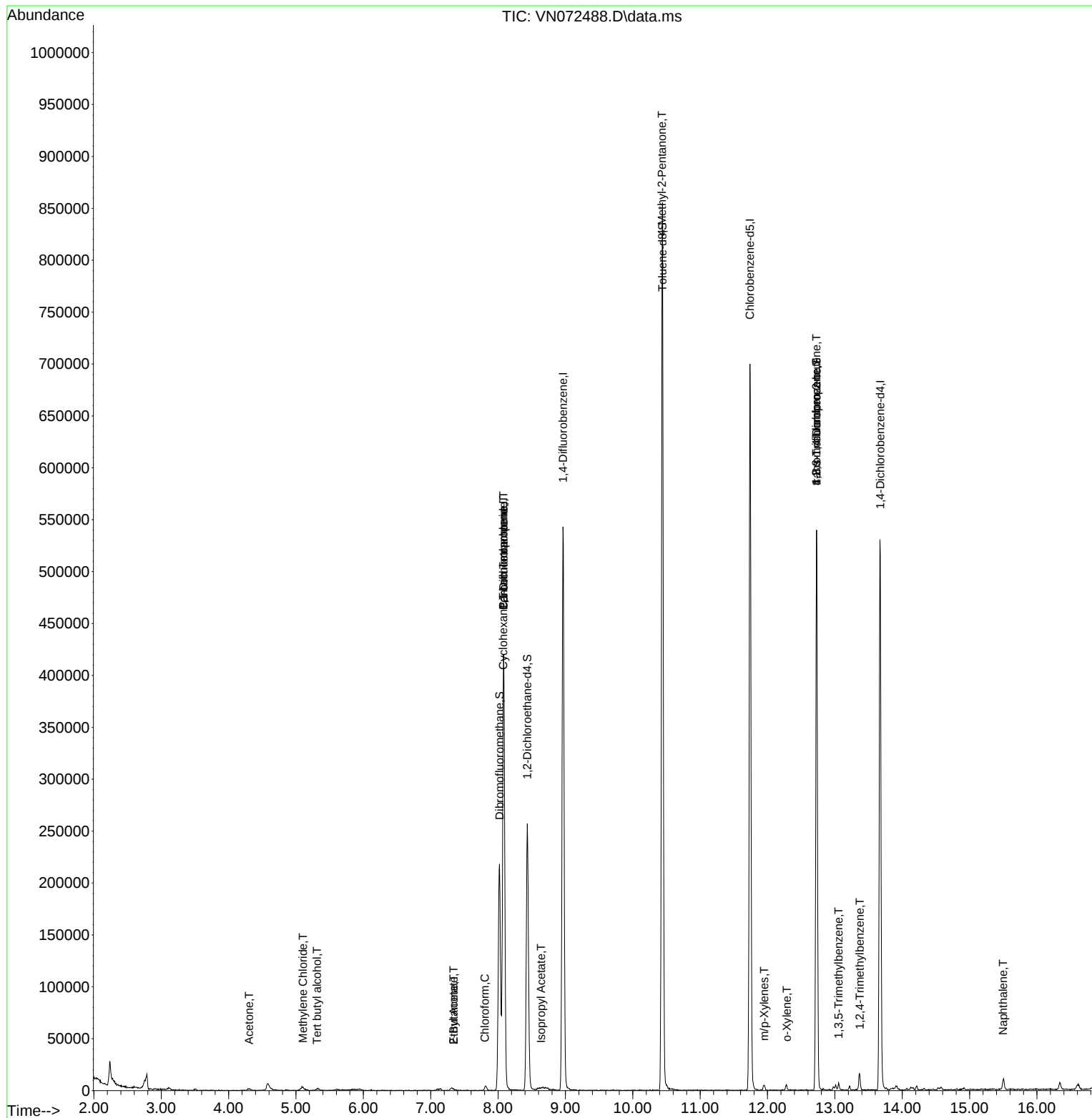
Internal Standards						
1) Pentafluorobenzene	8.080	168	305629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	460112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	396381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	144401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	229573	49.041	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.080%
35) Dibromofluoromethane	8.022	113	154826	50.578	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.160%
50) Toluene-d8	10.439	98	574026	49.238	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.727	95	179693	46.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.820%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	673	Below Cal	#	43
6) Chloroethane	3.004	64	476	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	1663	2.173	ug/l #	72
16) Acetone	4.304	43	3099	1.672	ug/l #	79
20) Methylene Chloride	5.104	84	2462	0.648	ug/l #	69
25) 2-Butanone	7.339	43	1645	0.562	ug/l #	85
30) Chloroform	7.804	83	4868	0.729	ug/l #	67
31) Cyclohexane	8.075	56	7430	1.198	ug/l #	42
36) 1,1-Dichloropropene	8.080	75	25511	5.802	ug/l #	50
37) Ethyl Acetate	7.339	43	1645	0.312	ug/l #	67
38) Carbon Tetrachloride	8.080	117	33683	6.845	ug/l #	16
43) Isopropyl Acetate	8.639	43	3872	0.478	ug/l #	53
51) 4-Methyl-2-Pentanone	10.433	43	2817	0.560	ug/l #	1
68) m/p-Xylenes	11.951	106	1870	0.353	ug/l	85
69) o-Xylene	12.286	106	1409	0.271	ug/l	60
76) 1,2,3-Trichloropropane	12.727	75	101578	26.970	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.057	105	3422	0.349	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.727	75	101578	89.974	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.368	105	10243	1.075	ug/l	95
95) Naphthalene	15.498	128	11945	4.797	ug/l	97

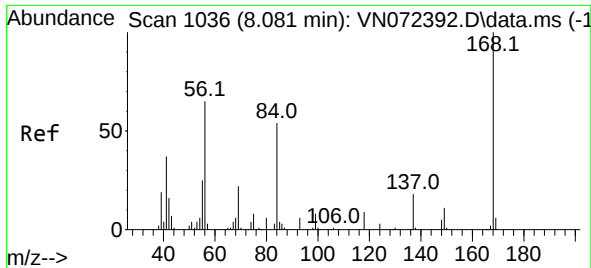
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
Data File : VN072488.D
Acq On : 13 May 2022 19:39
Operator : JC\MD
Sample : N2800-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-15

Quant Time: May 14 02:38:34 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

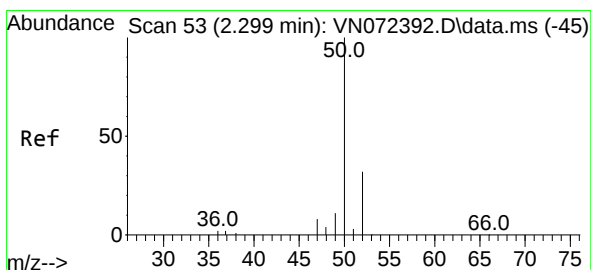
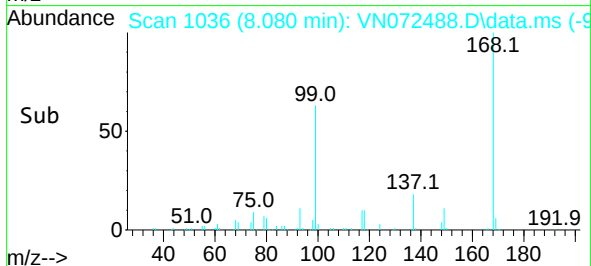
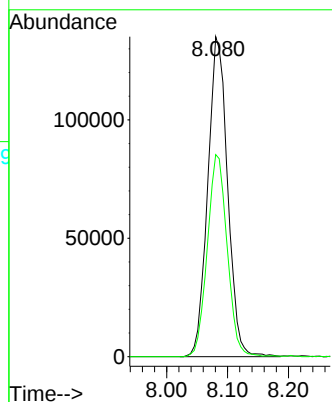
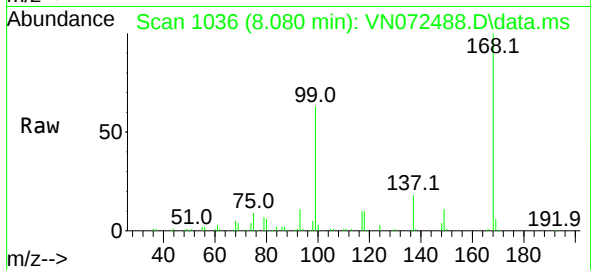




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

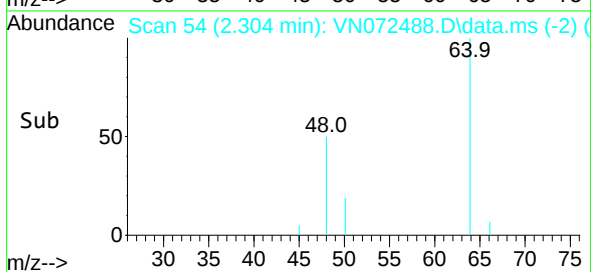
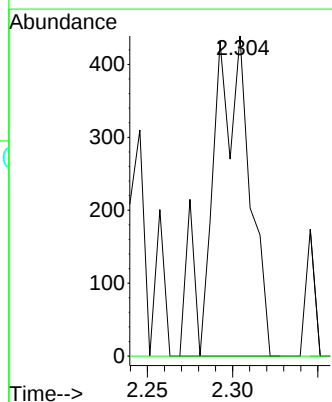
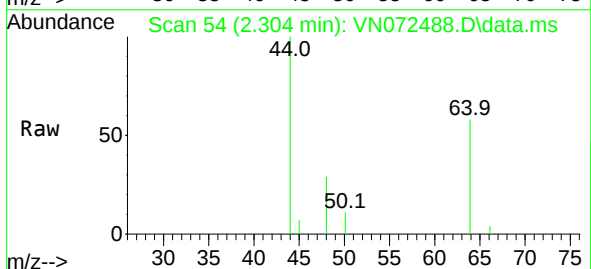
Instrument :
MSVOA_N
ClientSampleId :
MW-15

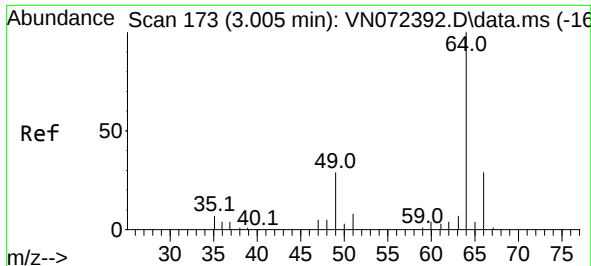
Tgt Ion:168 Resp: 305629
Ion Ratio Lower Upper
168 100
99 63.2 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

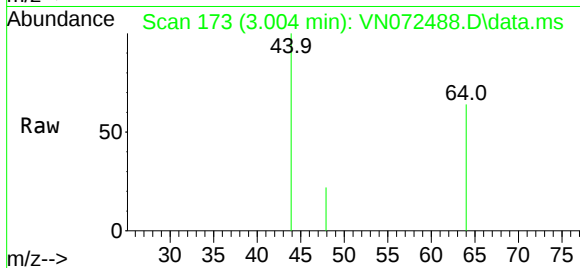
Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#



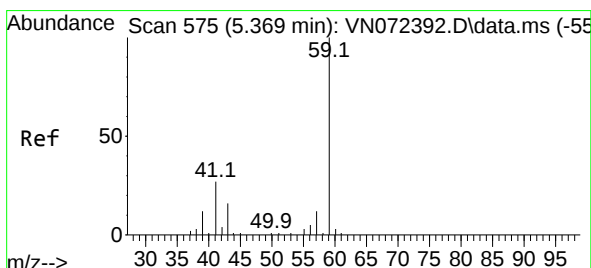
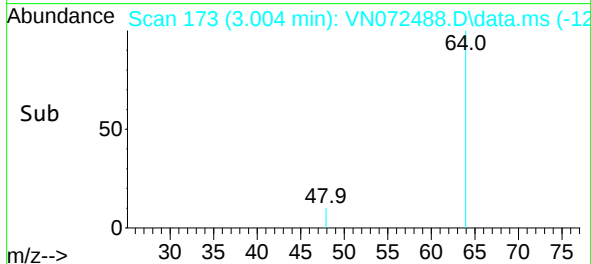


#6
Chloroethane
Concen: Below Cal
RT: 3.004 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

Instrument :
MSVOA_N
ClientSampleId :
MW-15

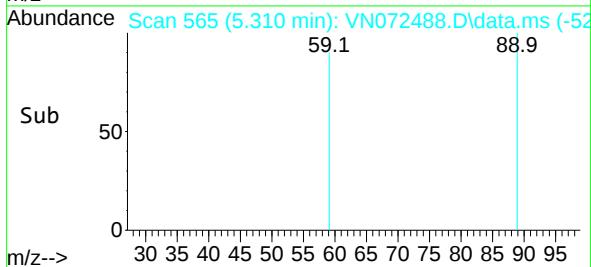
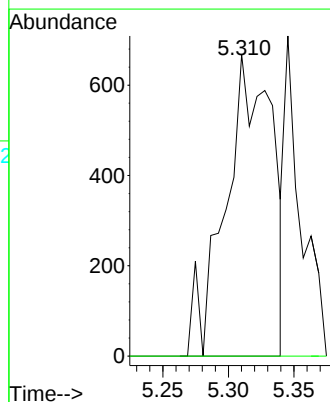
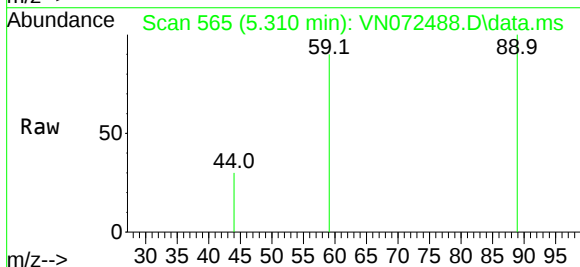


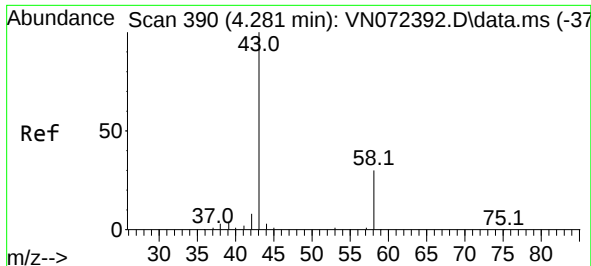
Tgt Ion: 64 Resp: 476
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 2.173 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.059 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

Tgt Ion: 59 Resp: 1663
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

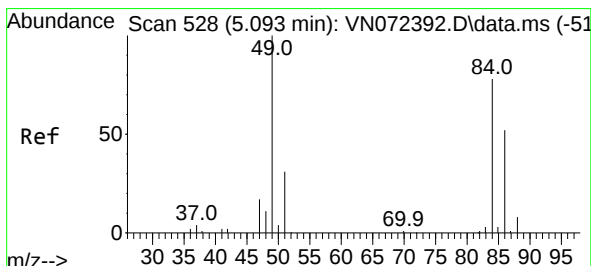
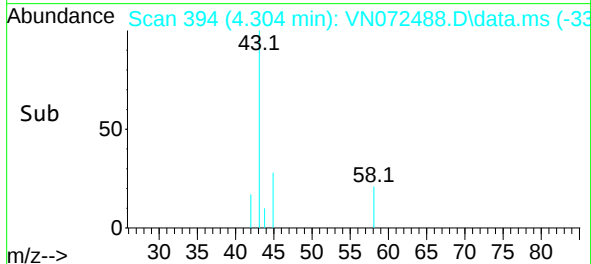
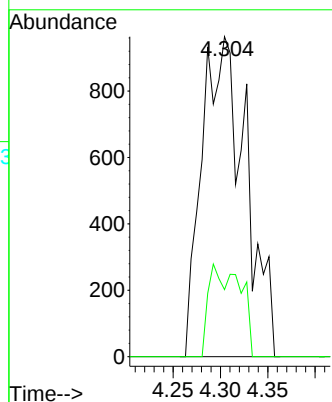
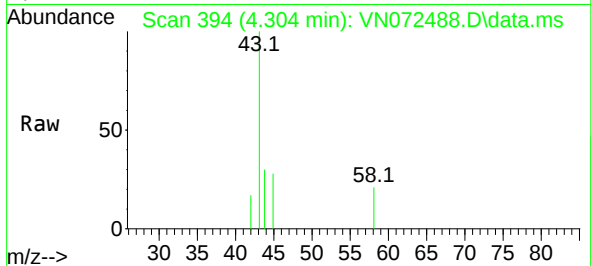




#16
Acetone
Concen: 1.672 ug/l
RT: 4.304 min Scan# 390
Delta R.T. 0.023 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

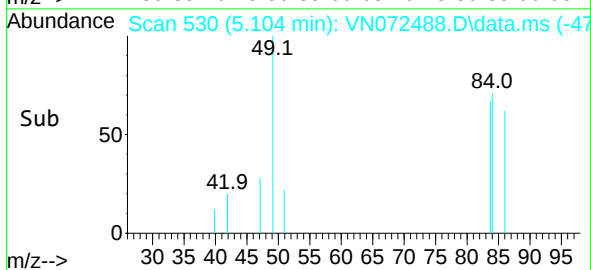
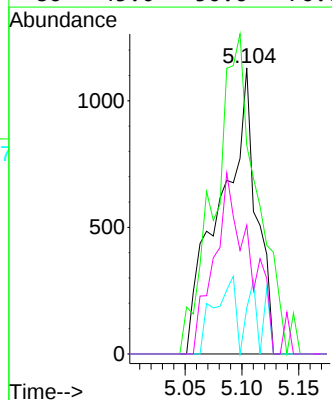
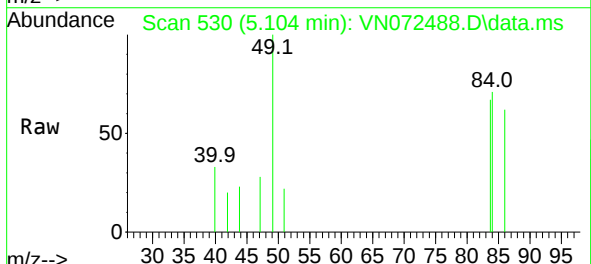
Instrument :
MSVOA_N
ClientSampleId :
MW-15

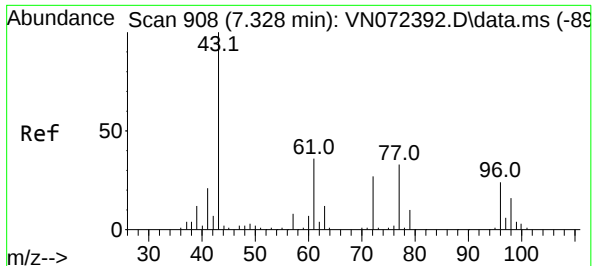
Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
58 21.0 26.0 39.0#



#20
Methylene Chloride
Concen: 0.648 ug/l
RT: 5.104 min Scan# 530
Delta R.T. 0.011 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

Tgt Ion: 84 Resp: 2462
Ion Ratio Lower Upper
84 100
49 72.9 88.3 132.5#
51 16.0 28.2 42.2#
86 45.0 50.6 76.0#





#25

2-Butanone

Concen: 0.562 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN072488.D

Acq: 13 May 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

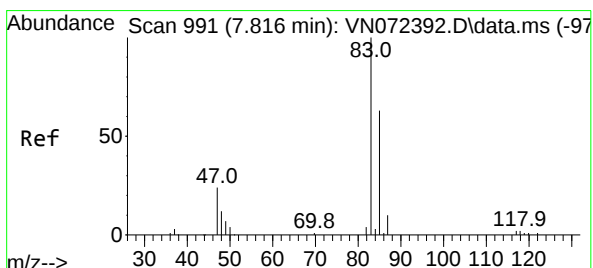
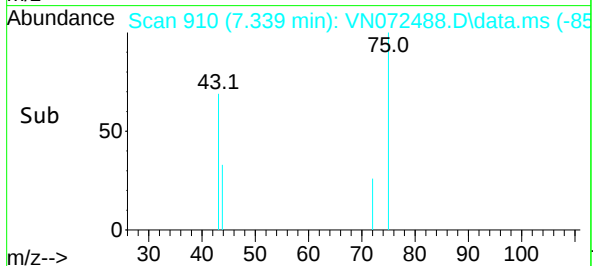
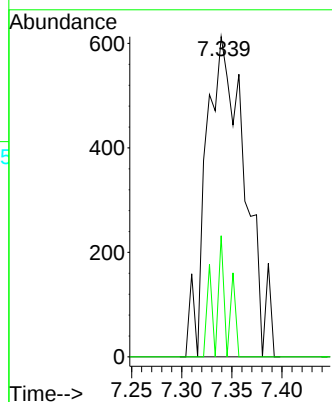
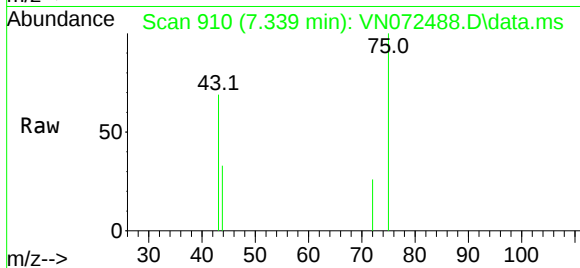
MW-15

Tgt Ion: 43 Resp: 1645

Ion Ratio Lower Upper

43 100

72 37.8 23.7 35.5#



#30

Chloroform

Concen: 0.729 ug/l

RT: 7.804 min Scan# 989

Delta R.T. -0.012 min

Lab File: VN072488.D

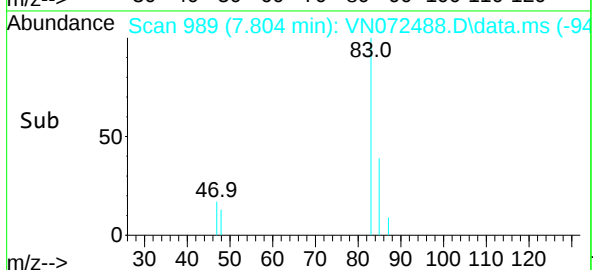
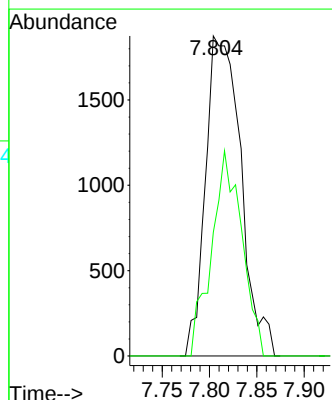
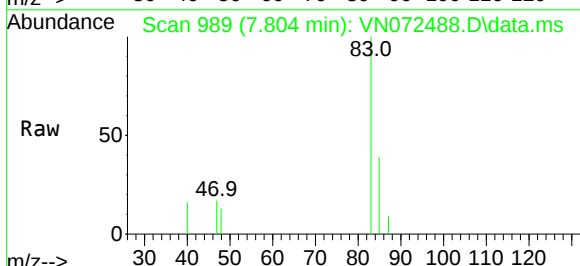
Acq: 13 May 2022 19:39

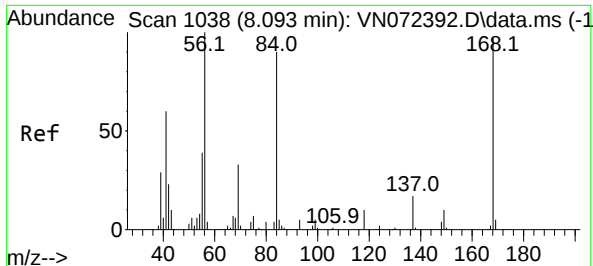
Tgt Ion: 83 Resp: 4868

Ion Ratio Lower Upper

83 100

85 38.7 51.8 77.8#





#31

Cyclohexane

Concen: 1.198 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.018 min

Lab File: VN072488.D

Acq: 13 May 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

MW-15

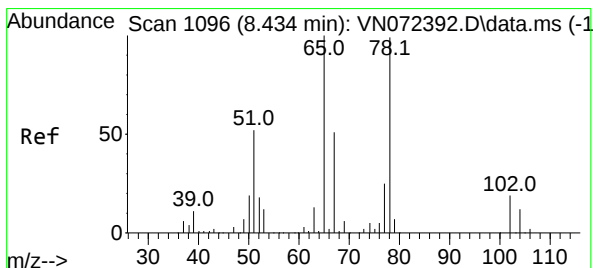
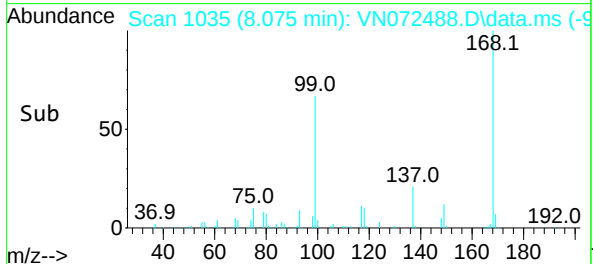
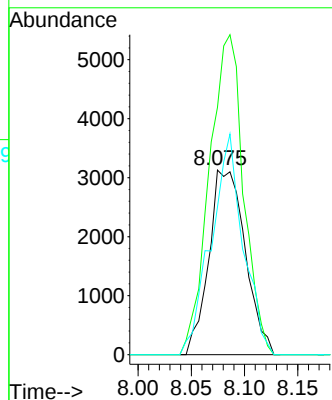
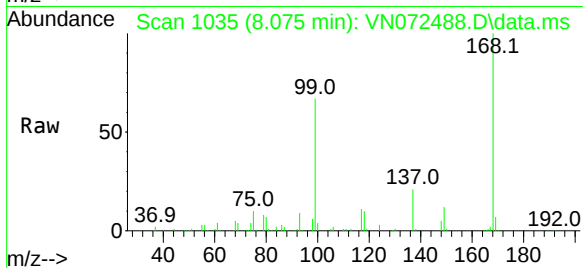
Tgt Ion: 56 Resp: 7430

Ion Ratio Lower Upper

56 100

69 134.0 27.8 41.8#

84 80.0 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 49.041 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072488.D

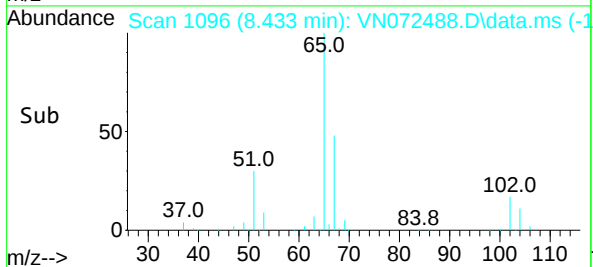
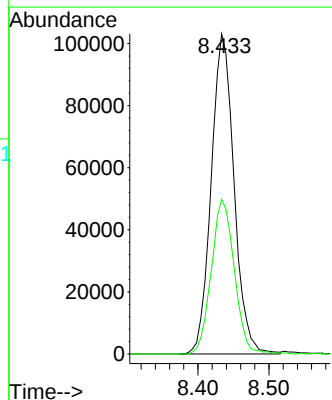
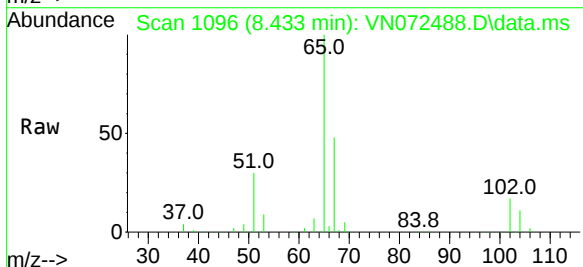
Acq: 13 May 2022 19:39

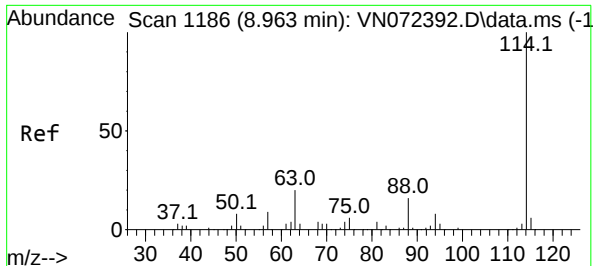
Tgt Ion: 65 Resp: 229573

Ion Ratio Lower Upper

65 100

67 48.7 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: VN072488.D

Acq: 13 May 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

MW-15

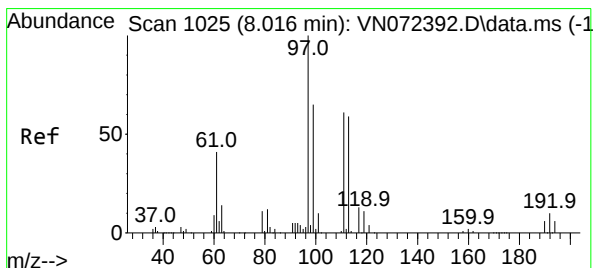
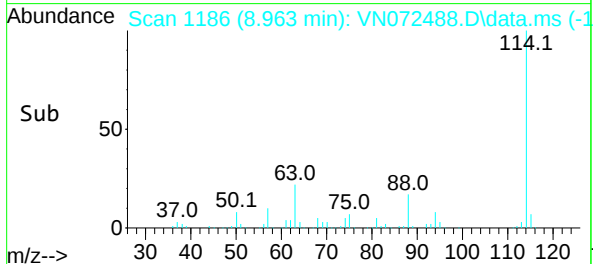
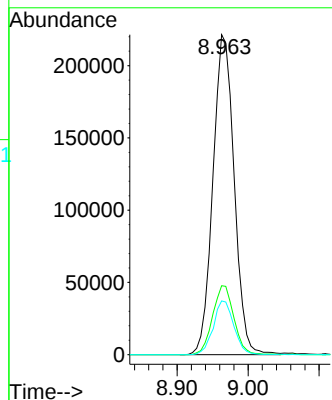
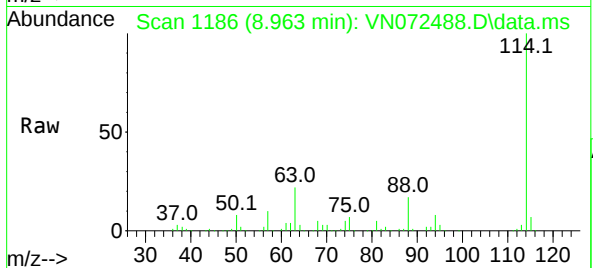
Tgt Ion:114 Resp: 460112

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.578 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072488.D

Acq: 13 May 2022 19:39

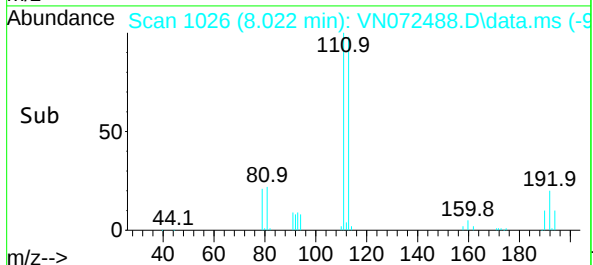
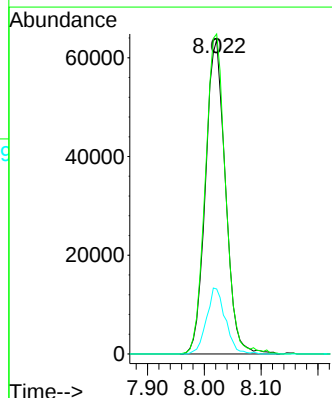
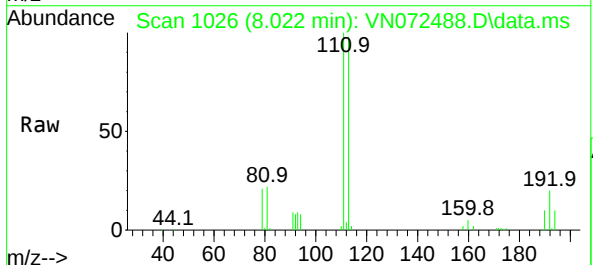
Tgt Ion:113 Resp: 154826

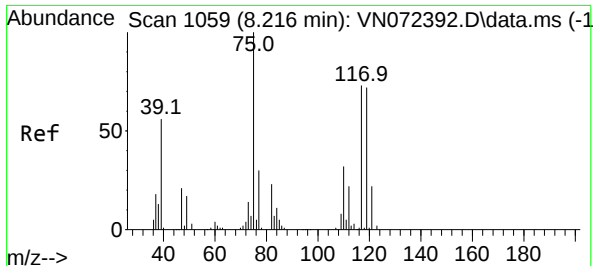
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.9 17.0 25.6

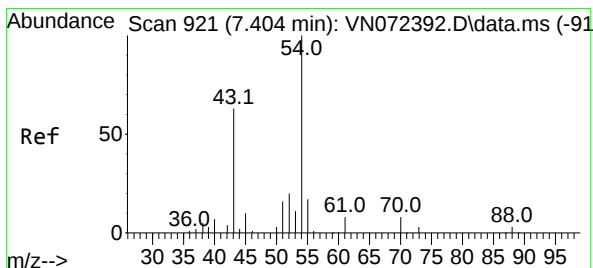
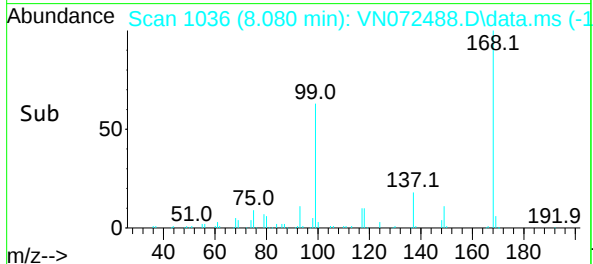
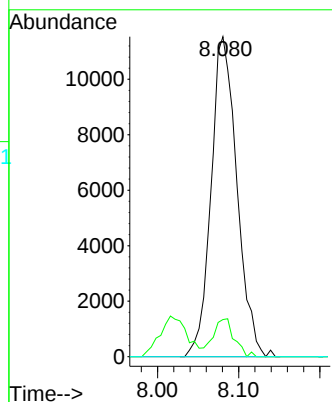
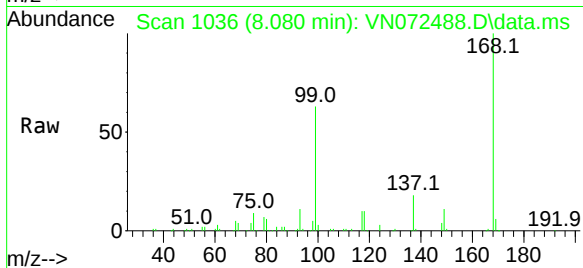




#36
1,1-Dichloropropene
Concen: 5.802 ug/l
RT: 8.080 min Scan# 1059
Delta R.T. -0.136 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

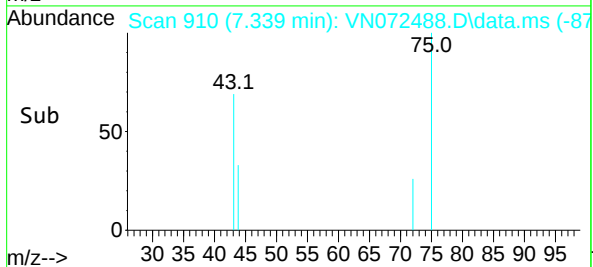
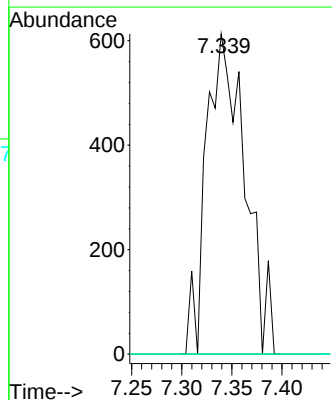
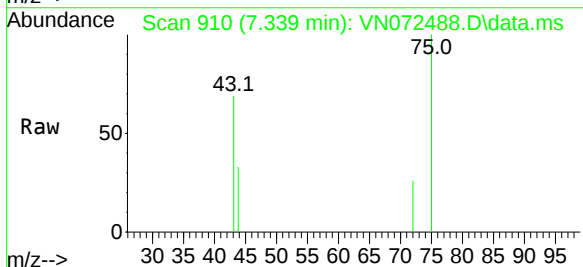
Instrument :
MSVOA_N
ClientSampleId :
MW-15

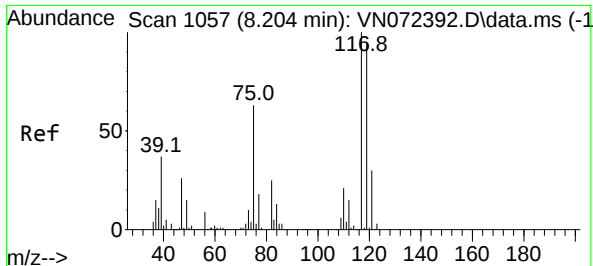
Tgt Ion: 75 Resp: 25511
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.312 ug/l
RT: 7.339 min Scan# 910
Delta R.T. -0.065 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

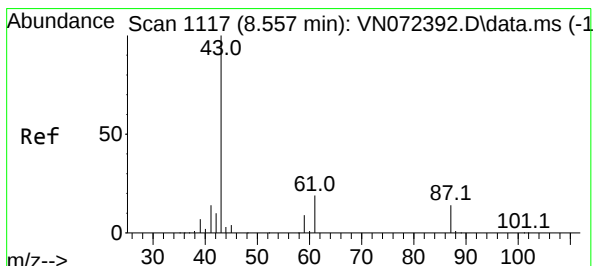
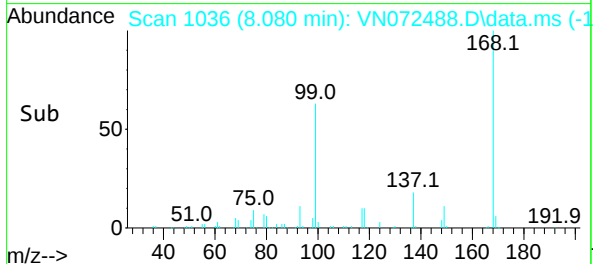
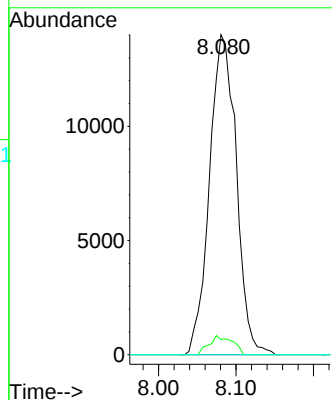
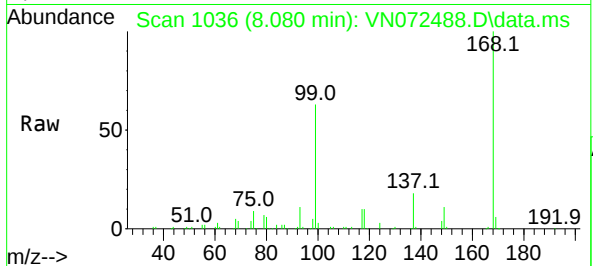




#38
Carbon Tetrachloride
Concen: 6.845 ug/l
RT: 8.080 min Scan# 1107
Delta R.T. -0.124 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

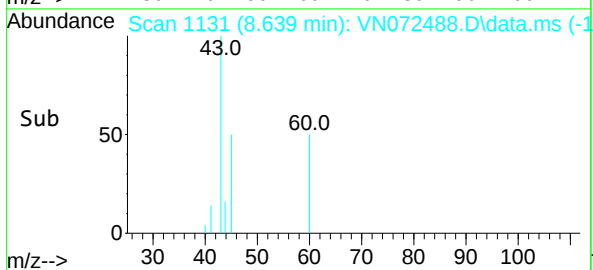
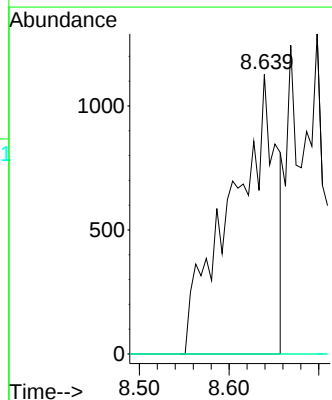
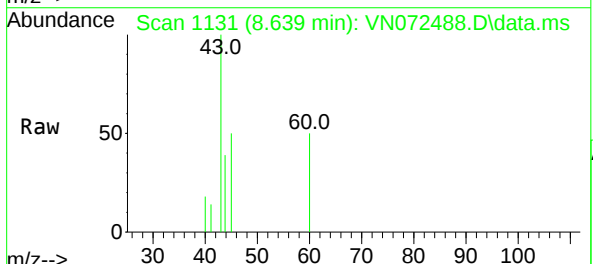
Instrument :
MSVOA_N
ClientSampleId :
MW-15

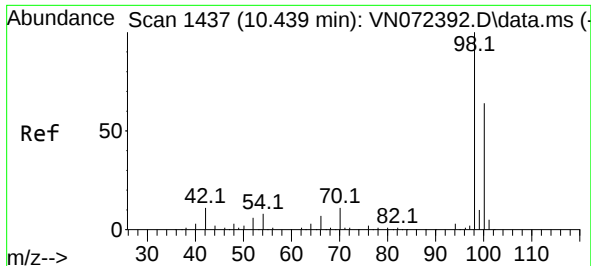
Tgt Ion:117 Resp: 33683
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.478 ug/l
RT: 8.639 min Scan# 1131
Delta R.T. 0.082 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

Tgt Ion: 43 Resp: 3872
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

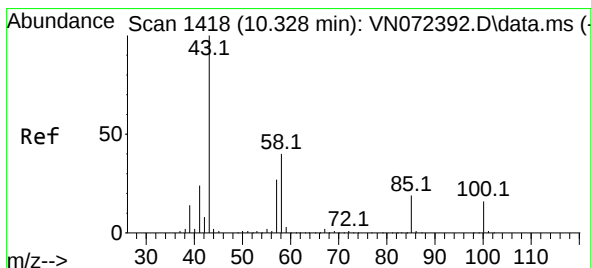
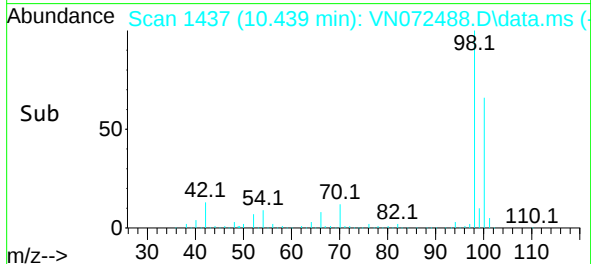
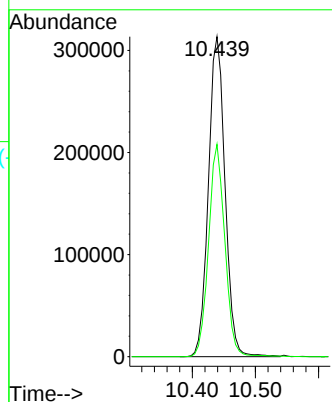
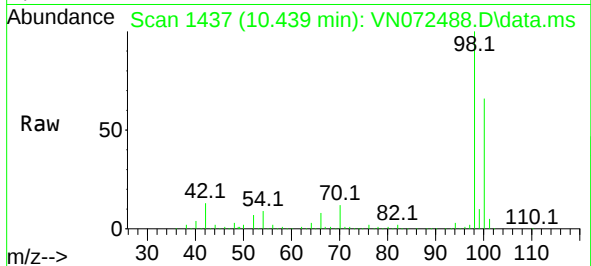




#50
Toluene-d8
Concen: 49.238 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

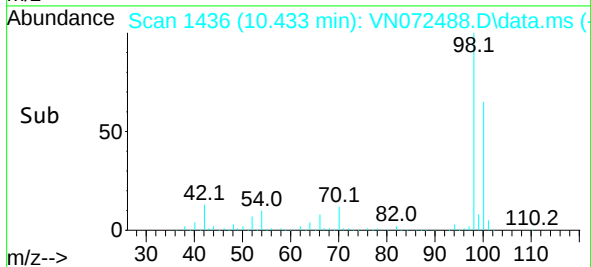
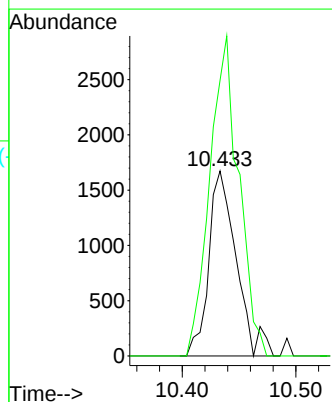
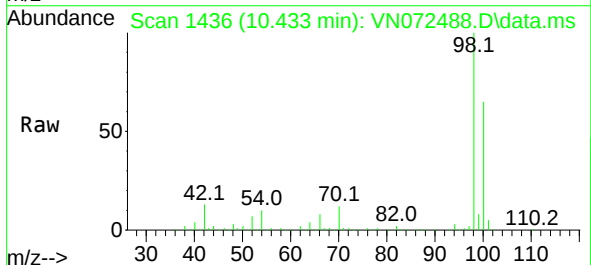
Instrument :
MSVOA_N
ClientSampleId :
MW-15

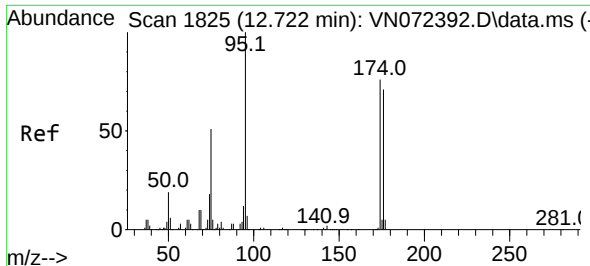
Tgt Ion: 98 Resp: 574026
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.105 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

Tgt Ion: 43 Resp: 2817
Ion Ratio Lower Upper
43 100
58 182.4 34.1 51.1#

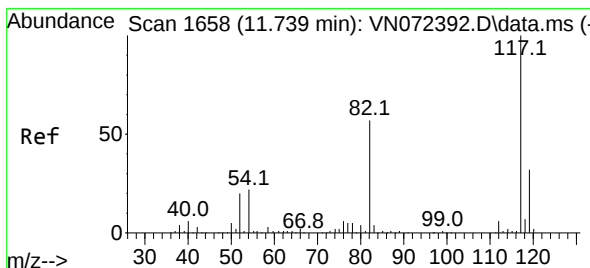
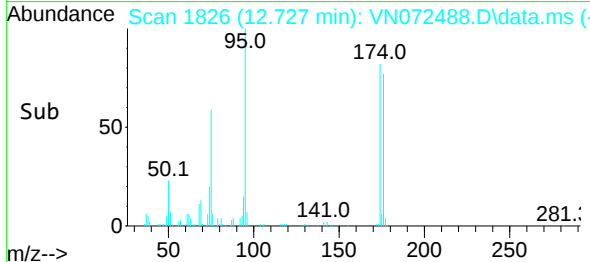
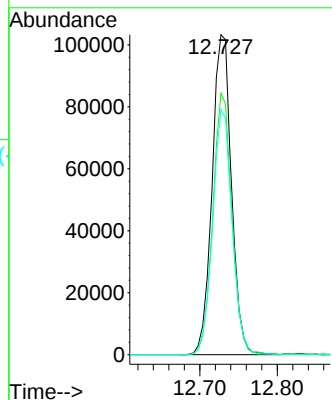
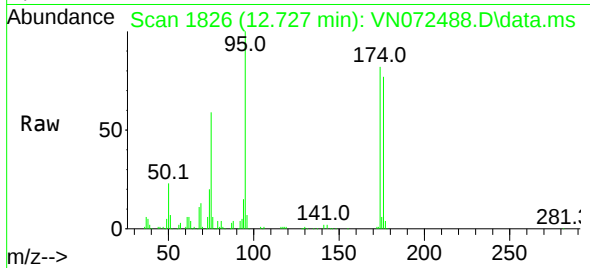




#62
4-Bromofluorobenzene
Concen: 46.411 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

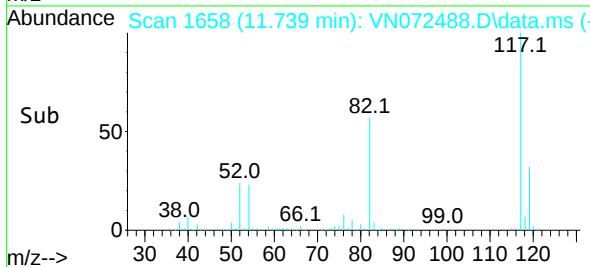
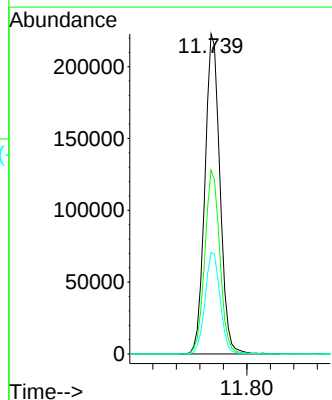
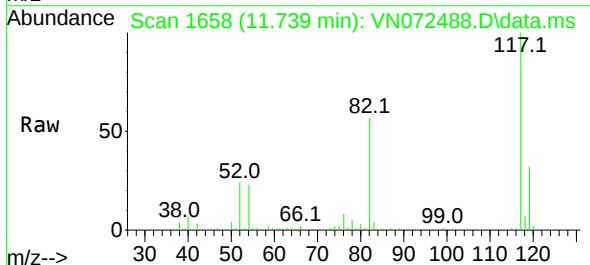
Instrument :
MSVOA_N
ClientSampleId :
MW-15

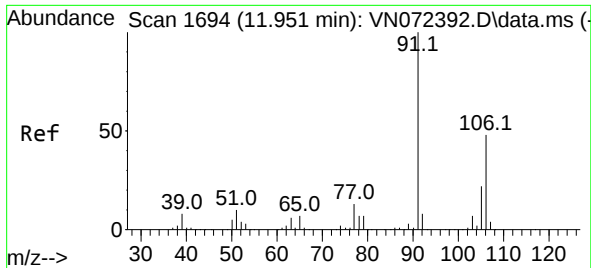
Tgt Ion: 95 Resp: 179693
Ion Ratio Lower Upper
95 100
174 80.9 0.0 167.6
176 76.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

Tgt Ion: 117 Resp: 396381
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 31.7 25.4 38.0

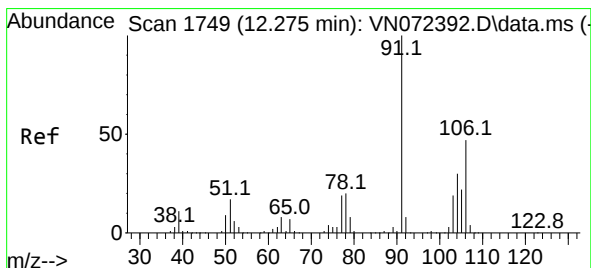
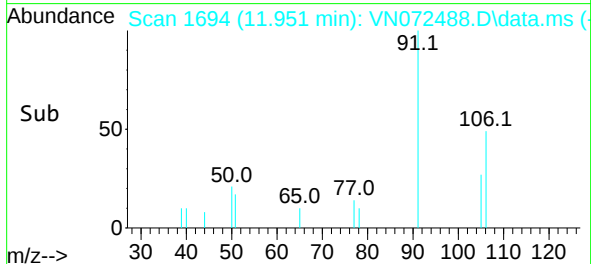
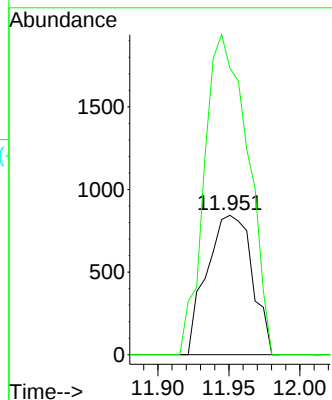
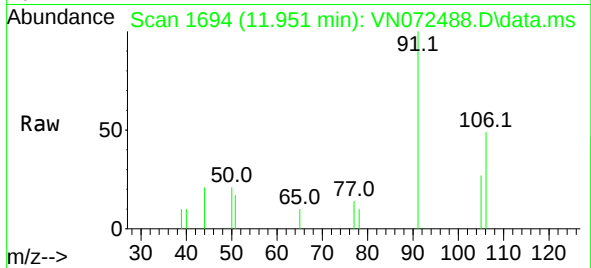




#68
m/p-Xylenes
Concen: 0.353 ug/l
RT: 11.951 min Scan# 1190
Delta R.T. -0.000 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

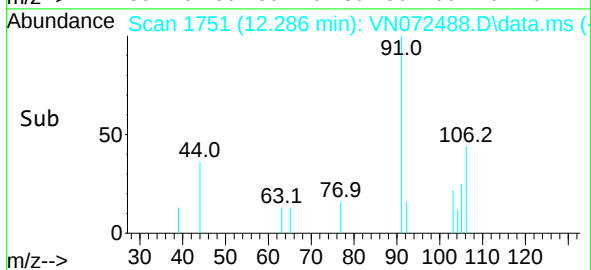
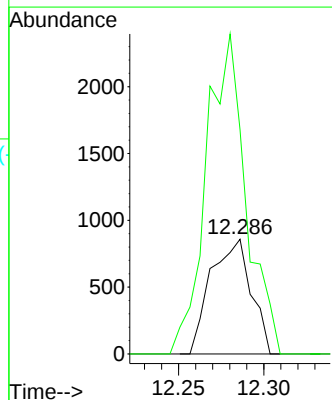
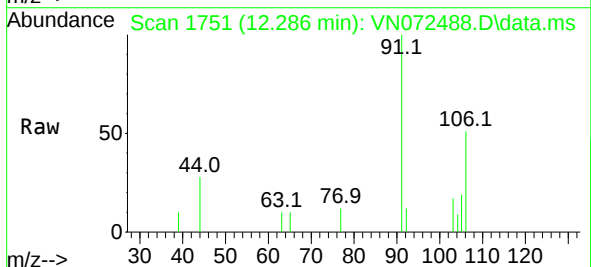
Instrument :
MSVOA_N
ClientSampleId :
MW-15

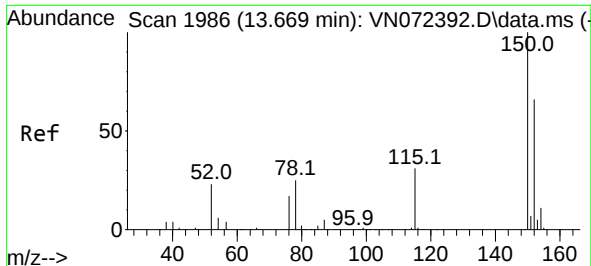
Tgt Ion:106 Resp: 1870
Ion Ratio Lower Upper
106 100
91 220.6 158.9 238.3



#69
o-Xylene
Concen: 0.271 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.011 min
Lab File: VN072488.D
Acq: 13 May 2022 19:39

Tgt Ion:106 Resp: 1409
Ion Ratio Lower Upper
106 100
91 274.7 106.0 318.0

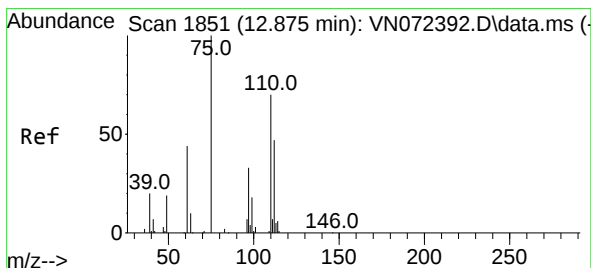
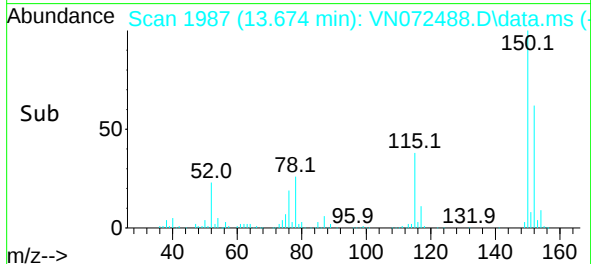
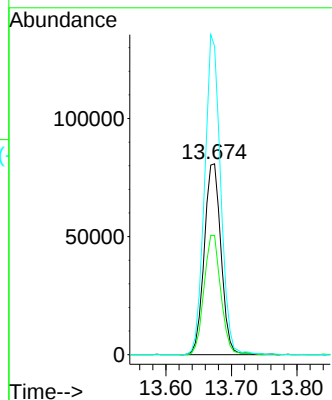
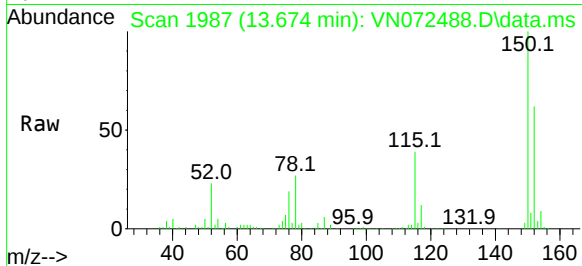




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.005 min
 Lab File: VN072488.D
 Acq: 13 May 2022 19:39

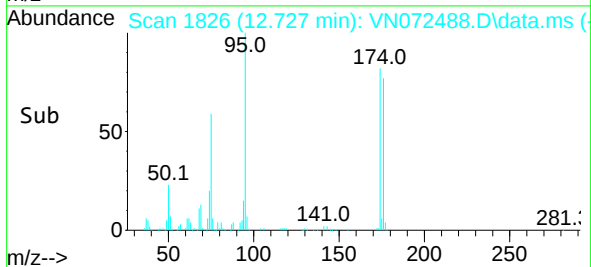
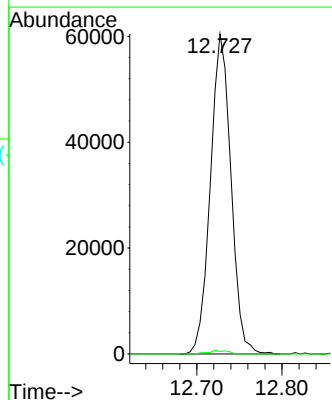
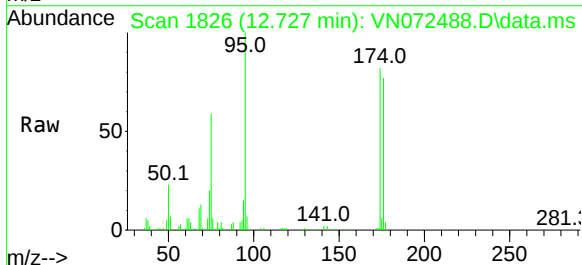
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15

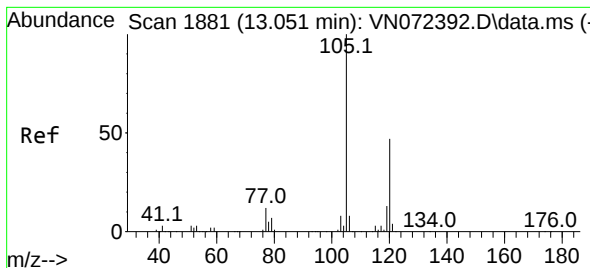
Tgt Ion:152 Resp: 144401
 Ion Ratio Lower Upper
 152 100
 115 62.5 28.9 86.7
 150 159.8 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 26.970 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072488.D
 Acq: 13 May 2022 19:39

Tgt Ion: 75 Resp: 101578
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.349 ug/l

RT: 13.057 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072488.D

Acq: 13 May 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

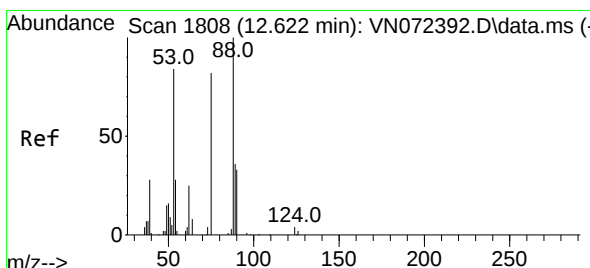
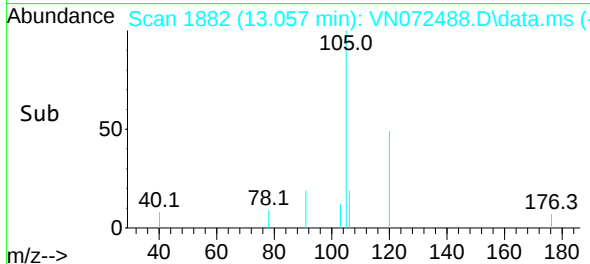
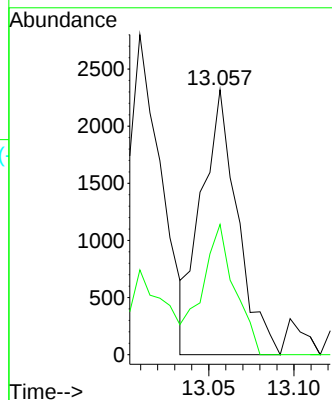
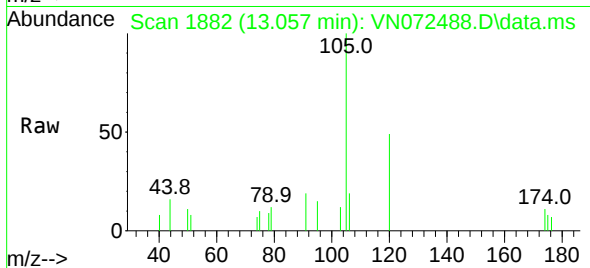
MW-15

Tgt Ion:105 Resp: 3422

Ion Ratio Lower Upper

105 100

120 44.3 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 89.974 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN072488.D

Acq: 13 May 2022 19:39

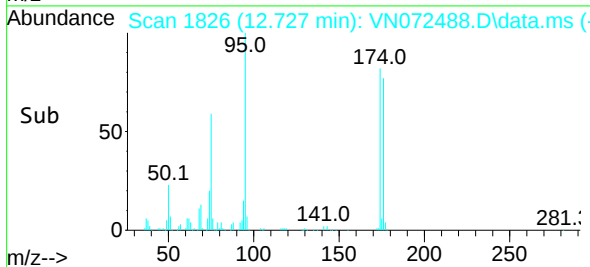
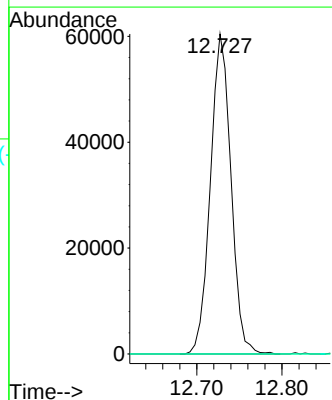
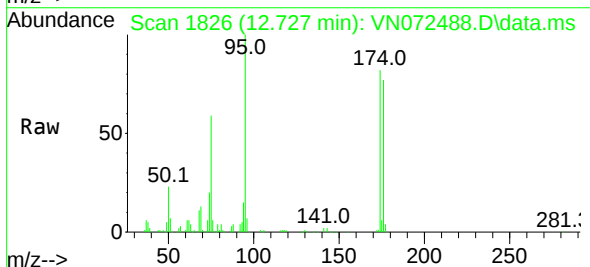
Tgt Ion: 75 Resp: 101578

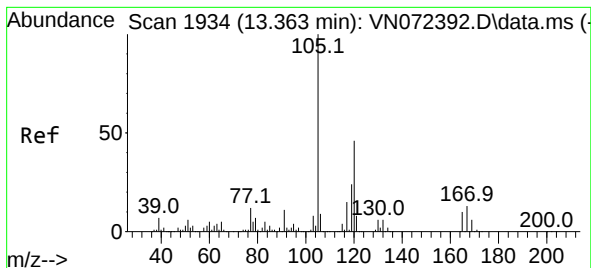
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#





#84

1,2,4-Trimethylbenzene

Concen: 1.075 ug/l

RT: 13.368 min Scan# 1934

Delta R.T. 0.005 min

Lab File: VN072488.D

Acq: 13 May 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

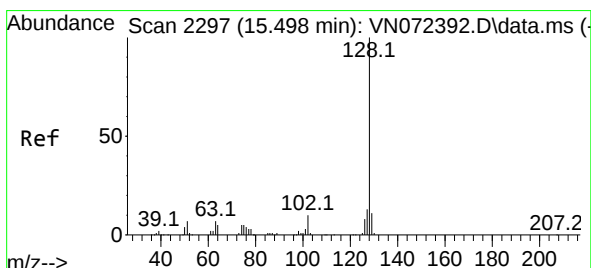
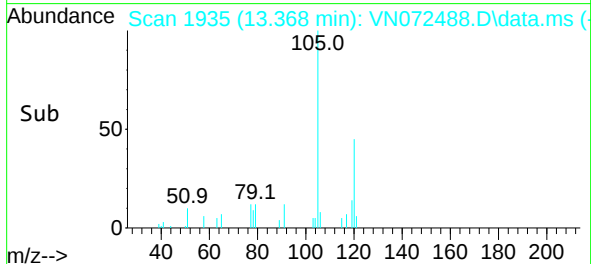
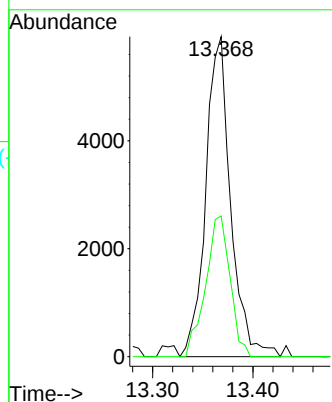
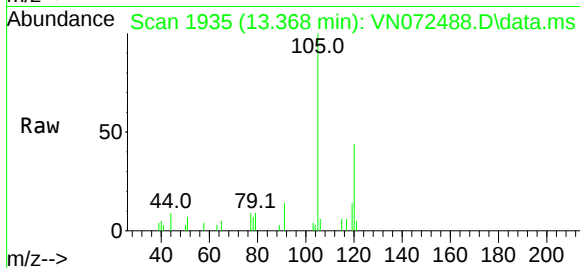
MW-15

Tgt Ion:105 Resp: 10243

Ion Ratio Lower Upper

105 100

120 43.0 23.3 69.8



#95

Naphthalene

Concen: 4.797 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN072488.D

Acq: 13 May 2022 19:39

Tgt Ion:128 Resp: 11945

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 12.1 8.6 13.0

