

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072277.D
 Acq On : 29 Apr 2022 18:10
 Operator : JC\MD
 Sample : N2617-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Apr 30 03:16:29 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	176609	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	296017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	258909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	77818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	170034	62.712	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	125.420%
35) Dibromofluoromethane	8.022	113	107639	56.811	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	113.620%
50) Toluene-d8	10.439	98	385347	51.760	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.727	95	114662	46.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.800%

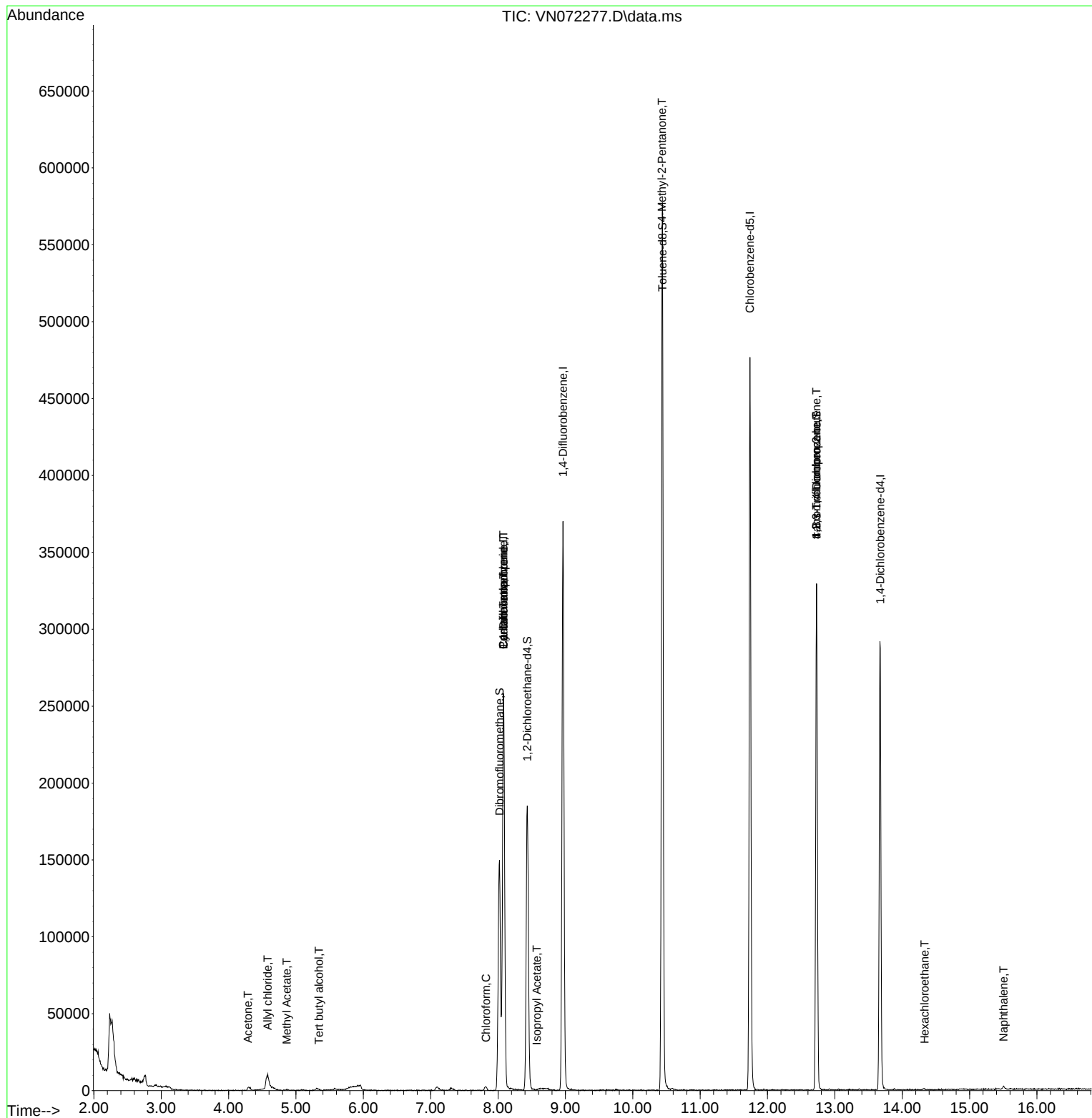
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.252	50	1086	Below Cal	#	43
5) Bromomethane	2.846	94	170	Below Cal	#	2
6) Chloroethane	3.051	64	349	Below Cal	#	42
11) Tert butyl alcohol	5.340	59	532	1.194	ug/l	# 72
14) Allyl chloride	4.581	41	1399	0.399	ug/l	# 34
16) Acetone	4.287	43	832	0.712	ug/l	# 78
18) Methyl Acetate	4.863	43	908	0.238	ug/l	# 48
30) Chloroform	7.822	83	2696	0.665	ug/l	91
31) Cyclohexane	8.081	56	4550	1.256	ug/l	# 28
36) 1,1-Dichloropropene	8.081	75	16422	5.955	ug/l	# 52
38) Carbon Tetrachloride	8.081	117	20305	6.874	ug/l	# 17
43) Isopropyl Acetate	8.575	43	79	0.815	ug/l	# 53
51) 4-Methyl-2-Pentanone	10.433	43	1626	0.471	ug/l	# 1
76) 1,2,3-Trichloropropane	12.727	75	67583	38.318	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	67583	100.419	ug/l	# 10
90) Hexachloroethane	14.333	117	481	0.434	ug/l	# 9
95) Naphthalene	15.504	128	2944	4.967	ug/l	# 91

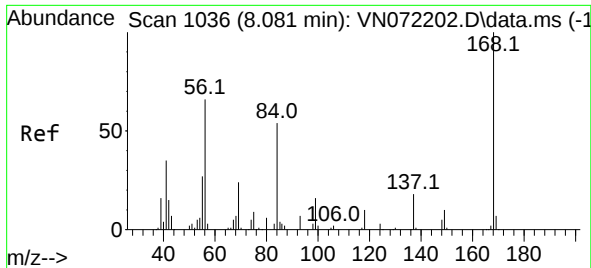
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

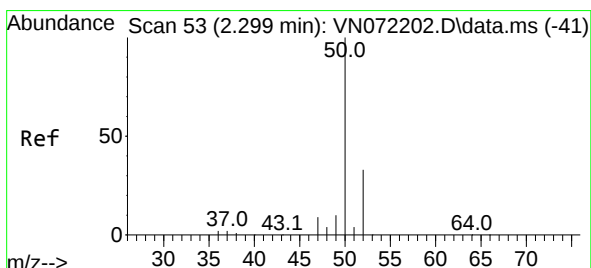
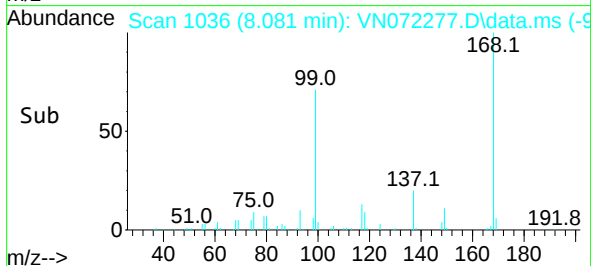
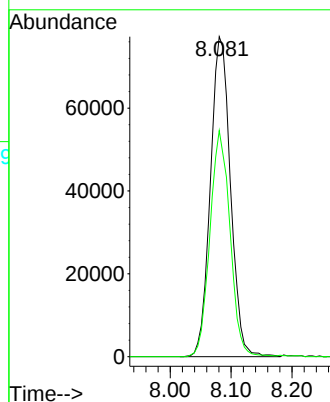
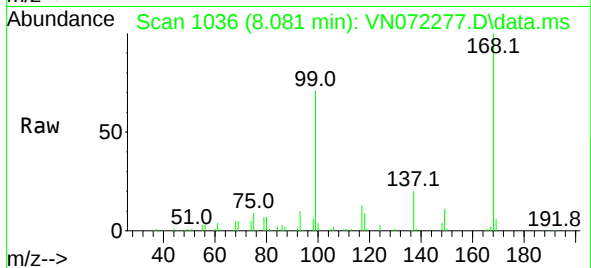




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

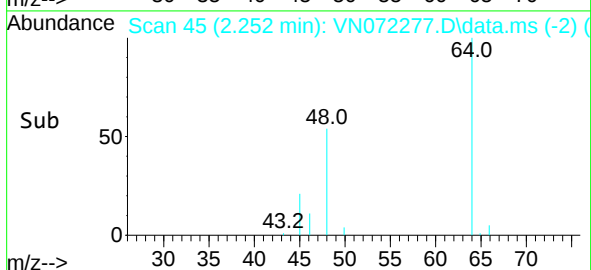
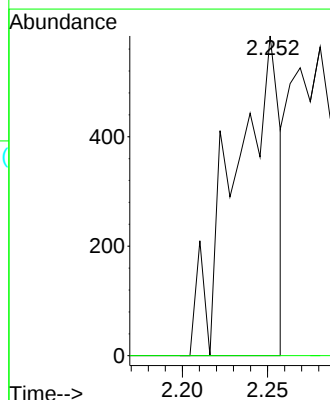
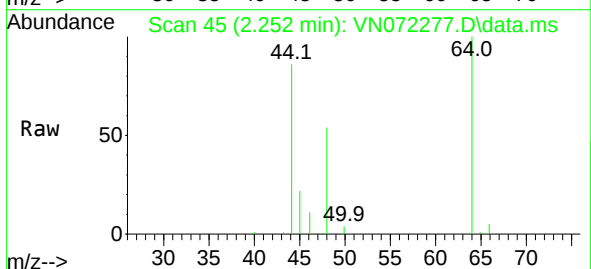
Instrument :
MSVOA_N
ClientSampleId :
MW-12

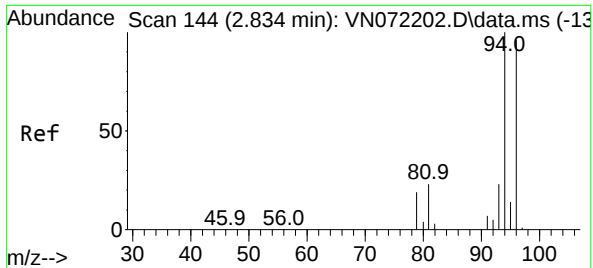
Tgt Ion:168 Resp: 176609
Ion Ratio Lower Upper
168 100
99 70.6 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.252 min Scan# 45
Delta R.T. -0.047 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

Tgt Ion: 50 Resp: 1086
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.846 min Scan# 144

Delta R.T. 0.012 min

Lab File: VN072277.D

Acq: 29 Apr 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

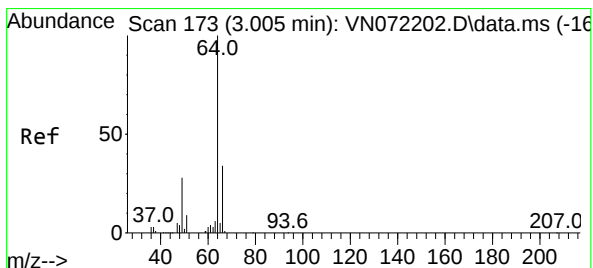
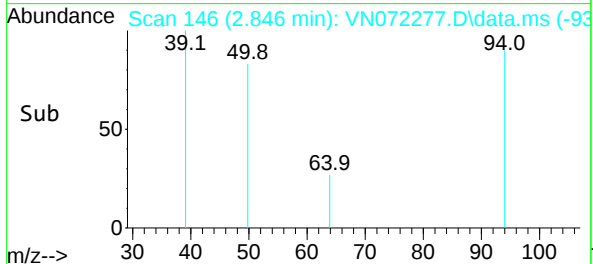
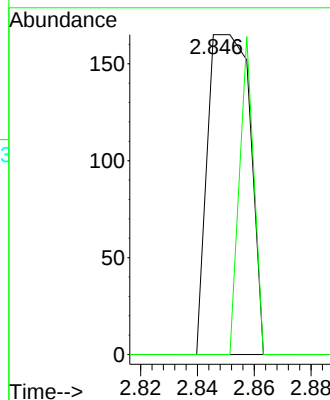
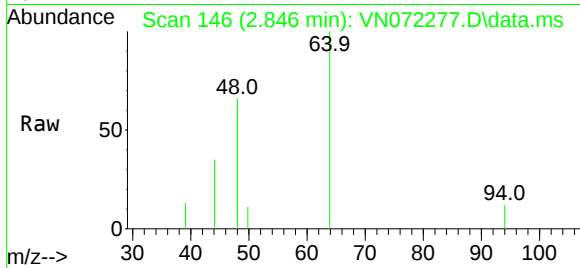
MW-12

Tgt Ion: 94 Resp: 170

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 3.051 min Scan# 181

Delta R.T. 0.046 min

Lab File: VN072277.D

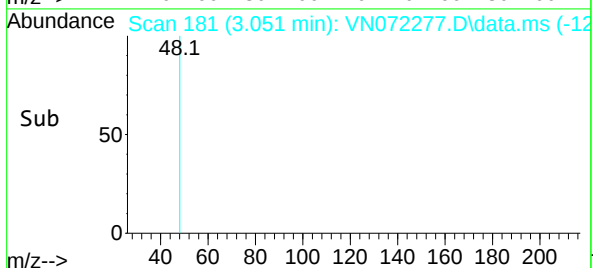
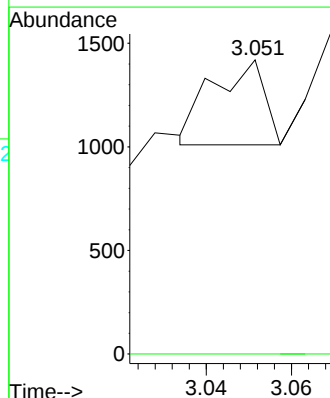
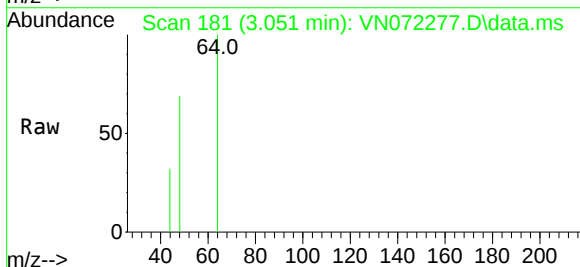
Acq: 29 Apr 2022 18:10

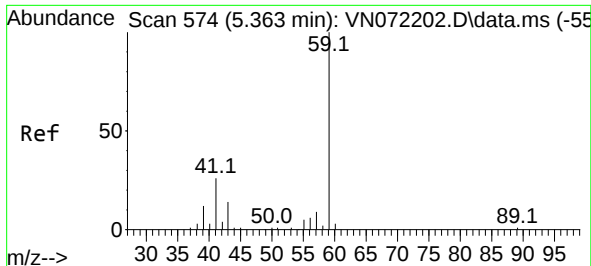
Tgt Ion: 64 Resp: 349

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

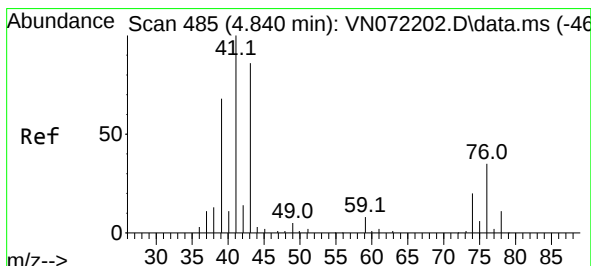
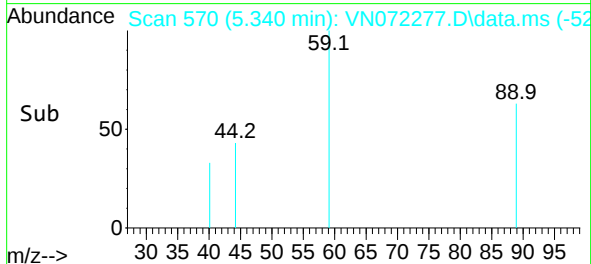
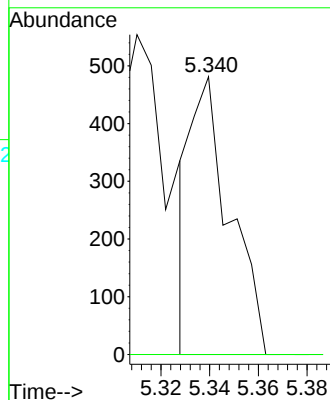
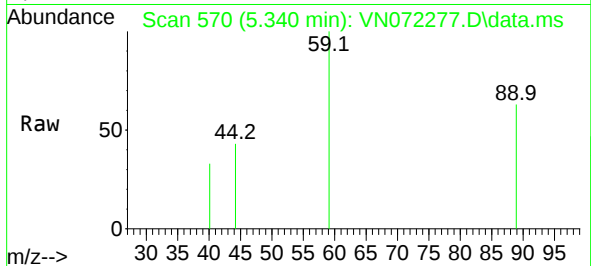




#11
Tert butyl alcohol
Concen: 1.194 ug/l
RT: 5.340 min Scan# 51
Delta R.T. -0.023 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

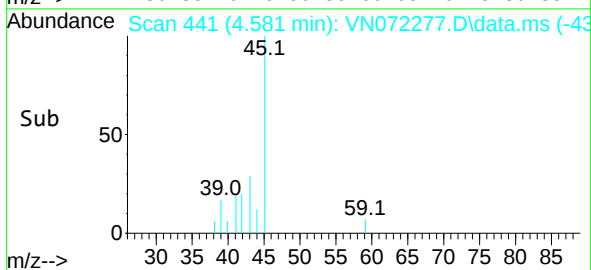
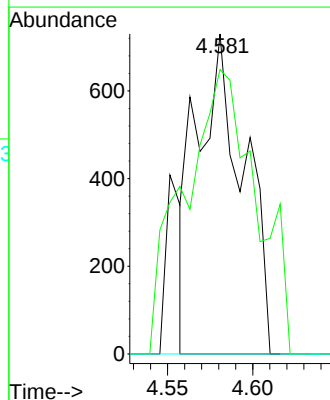
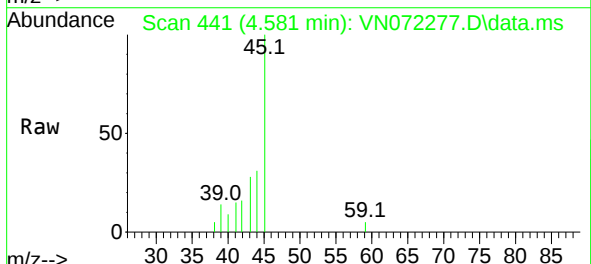
Instrument :
MSVOA_N
ClientSampleId :
MW-12

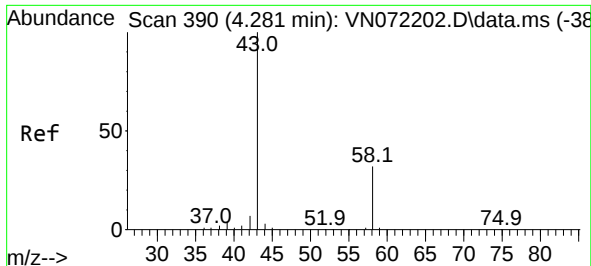
Tgt Ion: 59 Resp: 532
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.399 ug/l
RT: 4.581 min Scan# 441
Delta R.T. -0.259 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

Tgt Ion: 41 Resp: 1399
Ion Ratio Lower Upper
41 100
39 120.7 53.2 79.8#
76 0.0 29.9 44.9#





#16

Acetone

Concen: 0.712 ug/l

RT: 4.287 min Scan# 390

Delta R.T. 0.006 min

Lab File: VN072277.D

Acq: 29 Apr 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

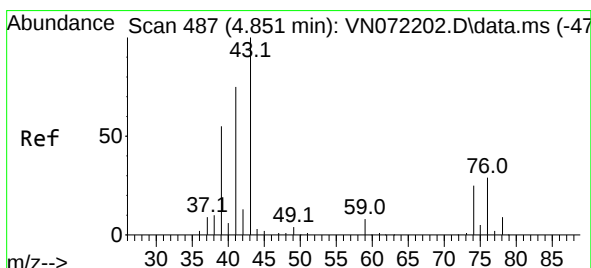
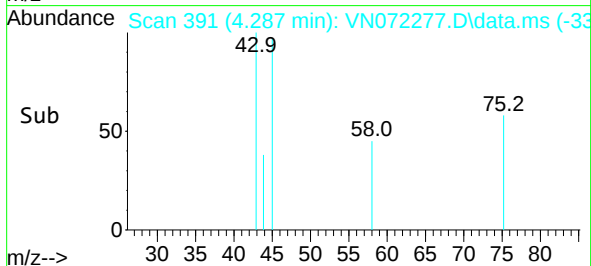
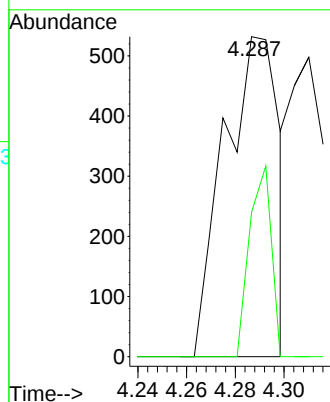
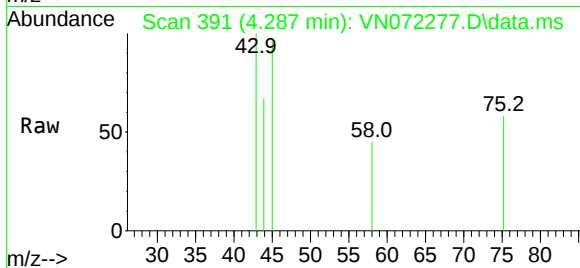
MW-12

Tgt Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

58 45.1 26.0 39.0#



#18

Methyl Acetate

Concen: 0.238 ug/l

RT: 4.863 min Scan# 489

Delta R.T. 0.012 min

Lab File: VN072277.D

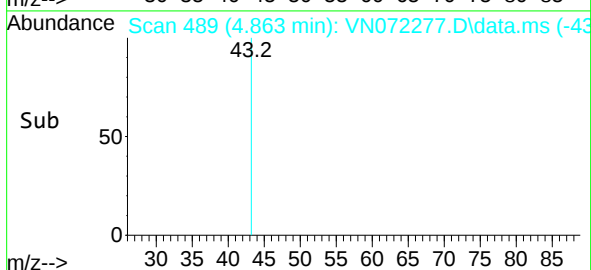
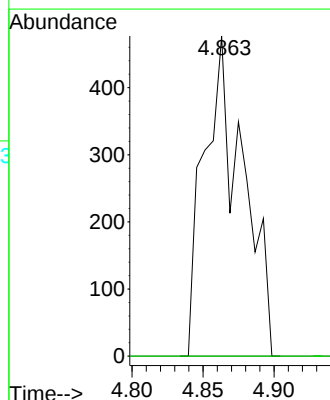
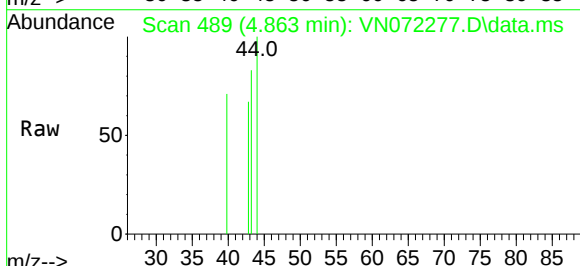
Acq: 29 Apr 2022 18:10

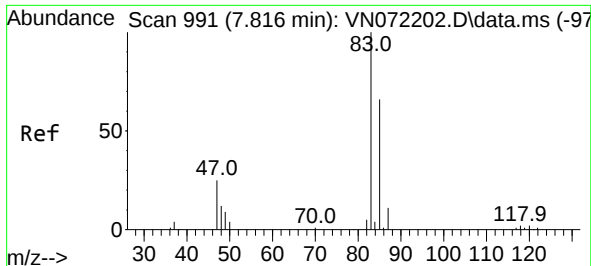
Tgt Ion: 43 Resp: 908

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#





#30

Chloroform

Concen: 0.665 ug/l

RT: 7.822 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072277.D

Acq: 29 Apr 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

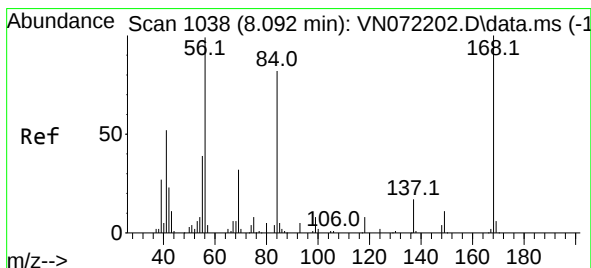
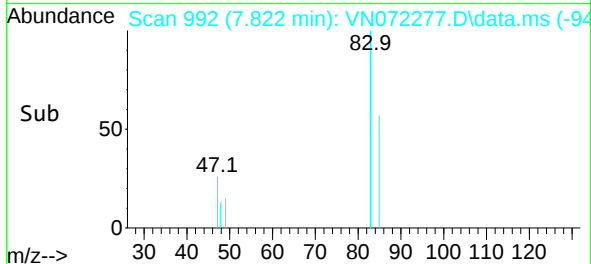
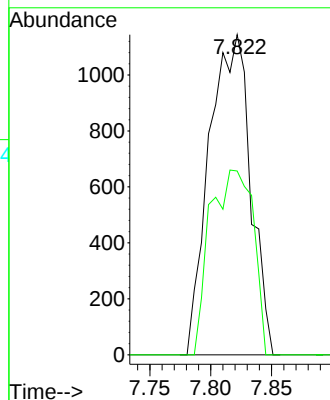
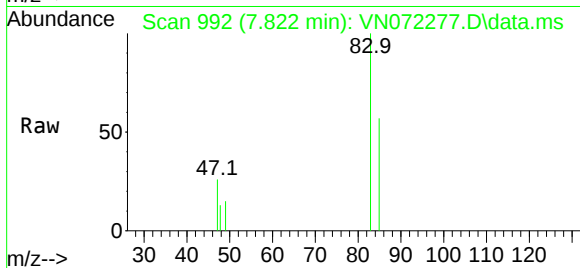
MW-12

Tgt Ion: 83 Resp: 2696

Ion Ratio Lower Upper

83 100

85 57.4 51.8 77.8



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072277.D

Acq: 29 Apr 2022 18:10

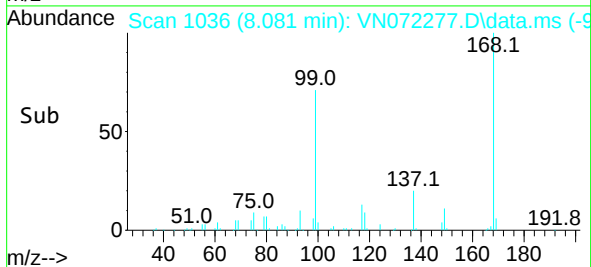
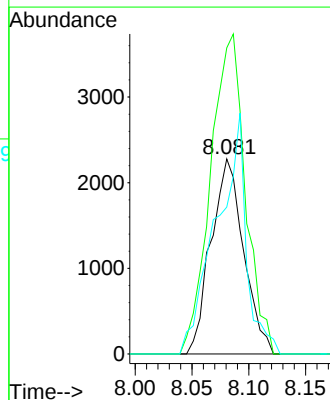
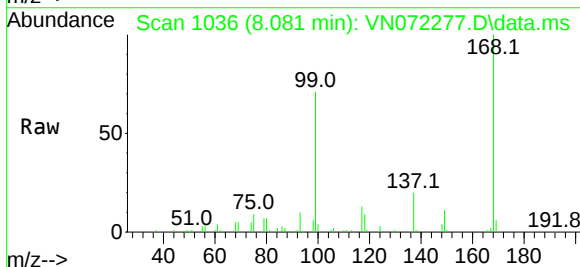
Tgt Ion: 56 Resp: 4550

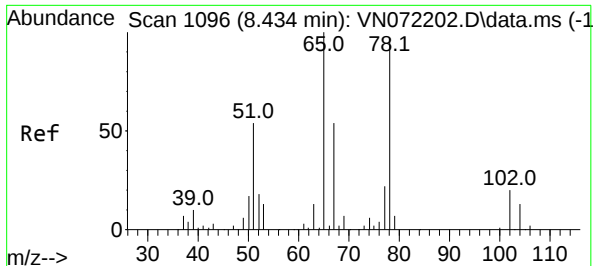
Ion Ratio Lower Upper

56 100

69 157.0 27.8 41.8#

84 75.3 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 62.712 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072277.D

Acq: 29 Apr 2022 18:10

Instrument :

MSVOA_N

ClientSampleId :

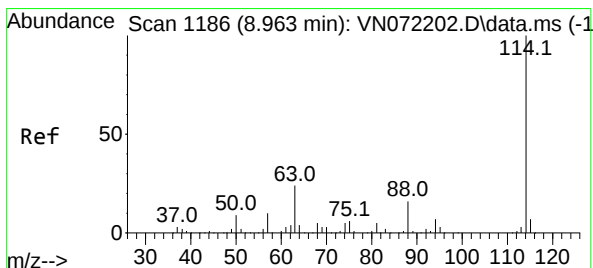
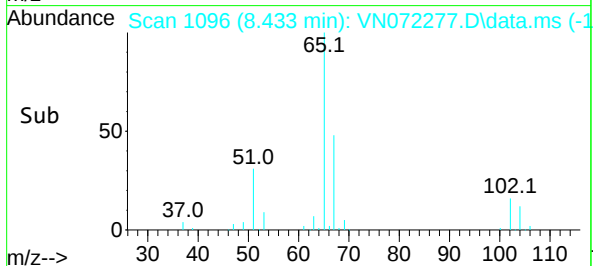
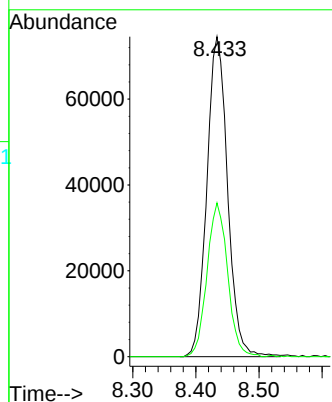
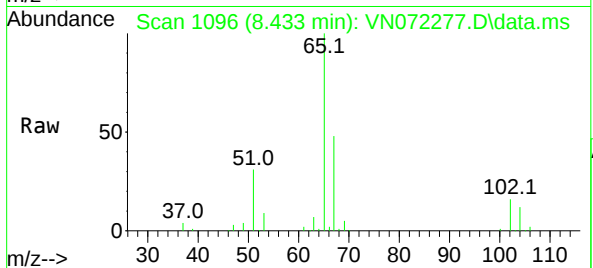
MW-12

Tgt Ion: 65 Resp: 170034

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: VN072277.D

Acq: 29 Apr 2022 18:10

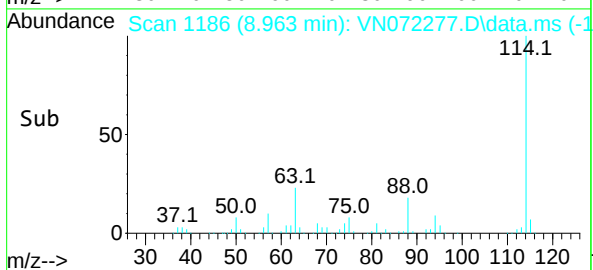
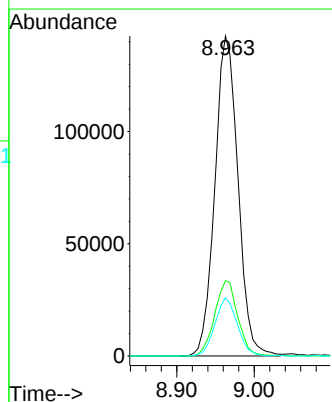
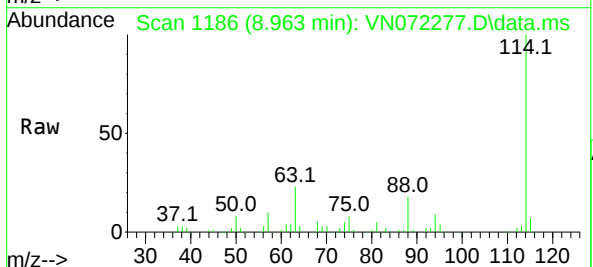
Tgt Ion: 114 Resp: 296017

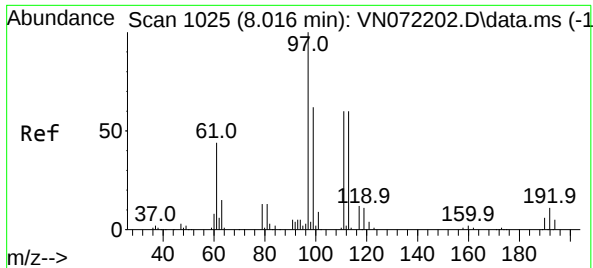
Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.0

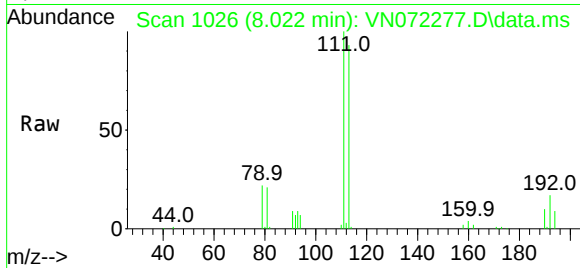
88 18.2 0.0 32.6



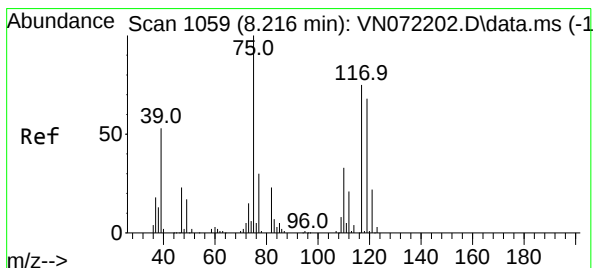
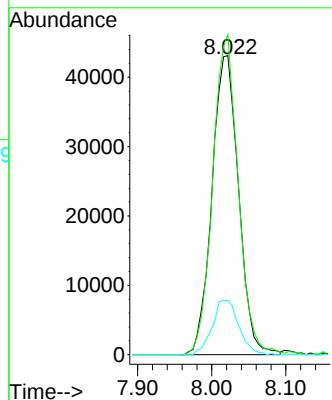
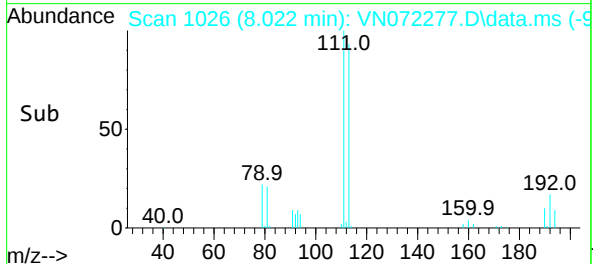


#35
Dibromofluoromethane
Concen: 56.811 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
MW-12

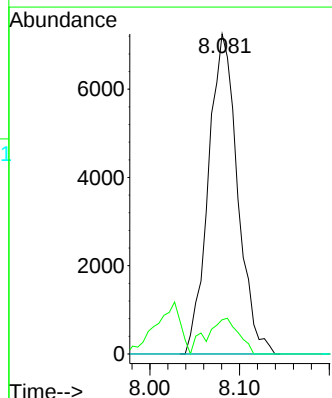
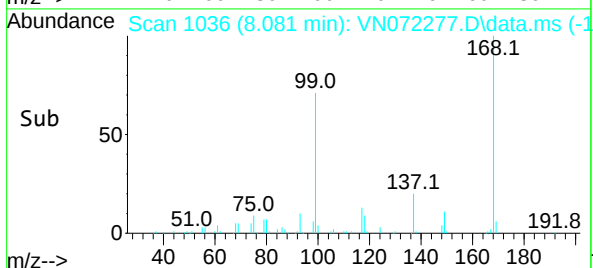
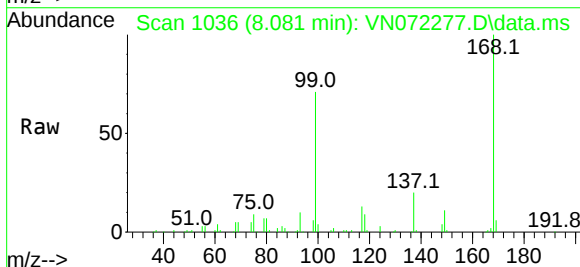


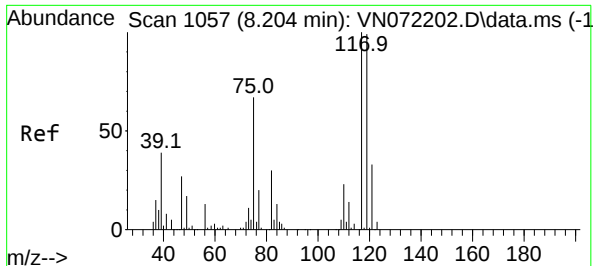
Tgt Ion:113 Resp: 107639
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 18.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.955 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

Tgt Ion: 75 Resp: 16422
Ion Ratio Lower Upper
75 100
110 12.1 18.3 54.8#
77 0.0 25.1 37.7#

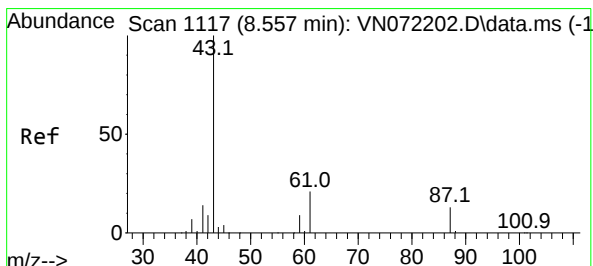
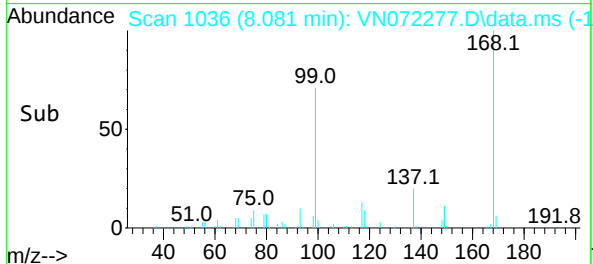
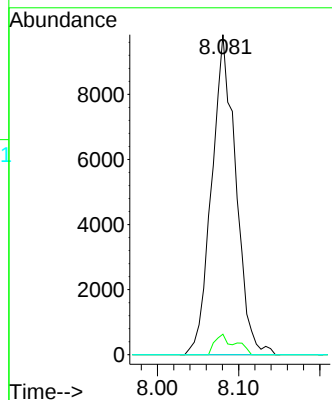
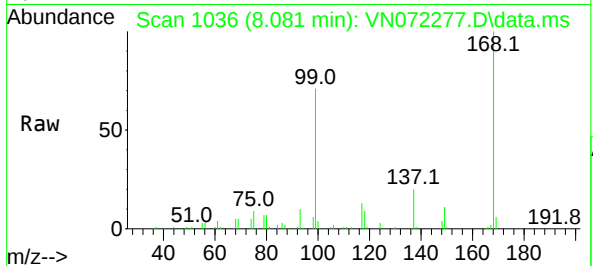




#38
Carbon Tetrachloride
Concen: 6.874 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

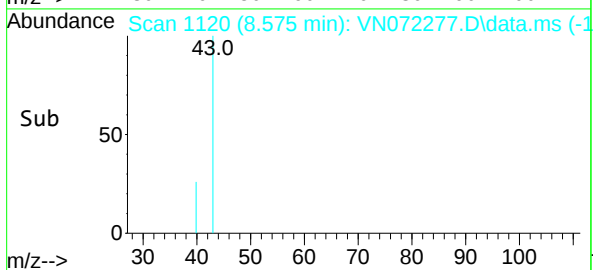
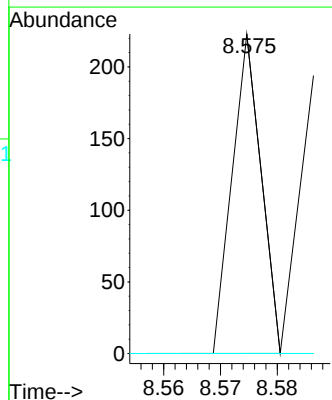
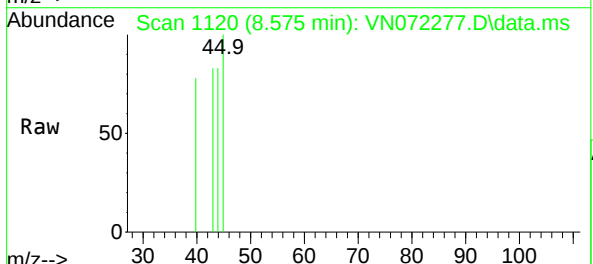
Instrument :
MSVOA_N
ClientSampleId :
MW-12

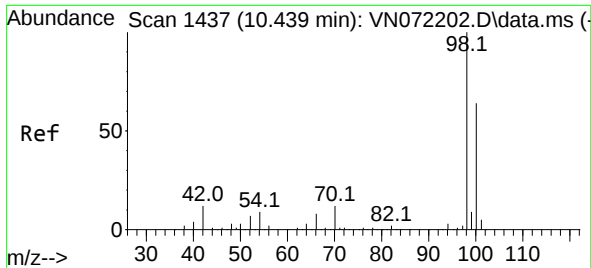
Tgt Ion:117 Resp: 20305
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.815 ug/l
RT: 8.575 min Scan# 1120
Delta R.T. 0.018 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

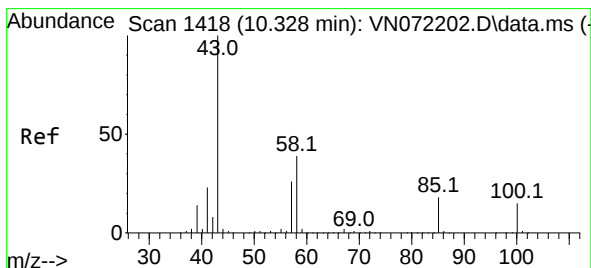
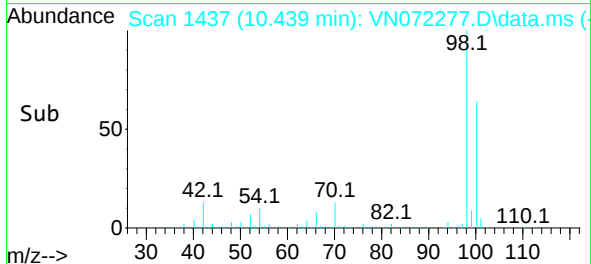
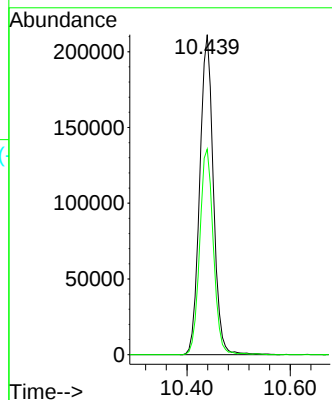
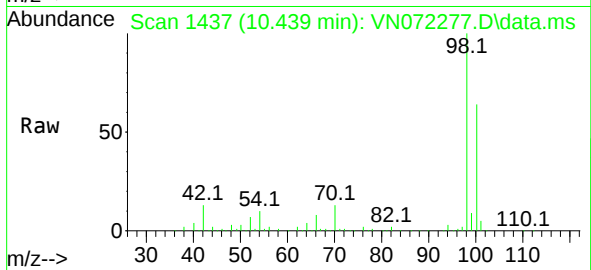




#50
Toluene-d8
Concen: 51.760 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

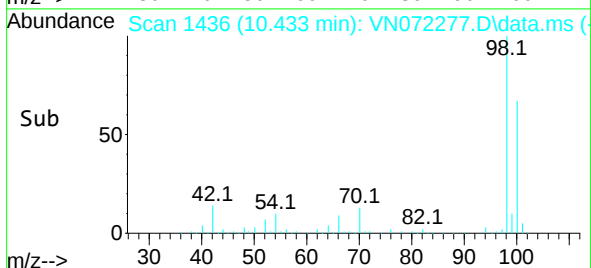
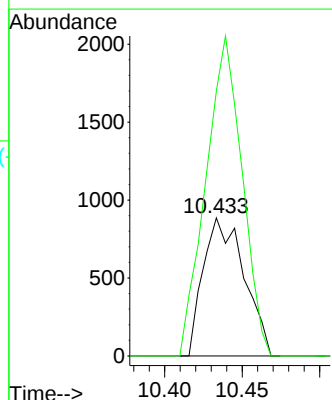
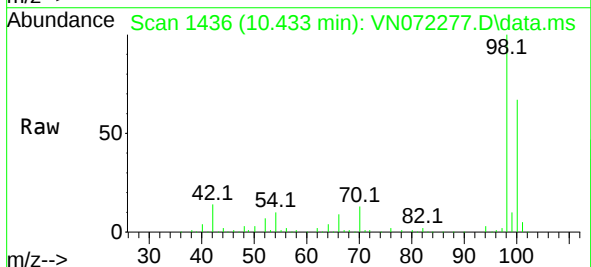
Instrument :
MSVOA_N
ClientSampleId :
MW-12

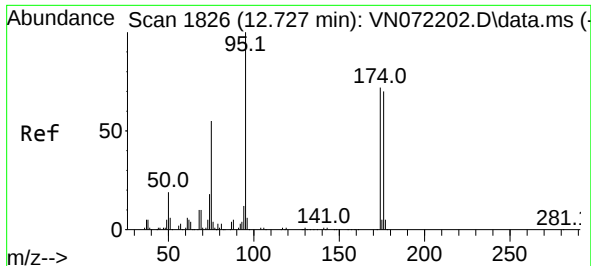
Tgt Ion: 98 Resp: 385347
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.105 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

Tgt Ion: 43 Resp: 1626
Ion Ratio Lower Upper
43 100
58 205.4 34.1 51.1#

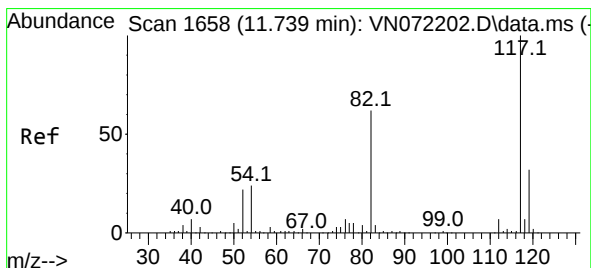
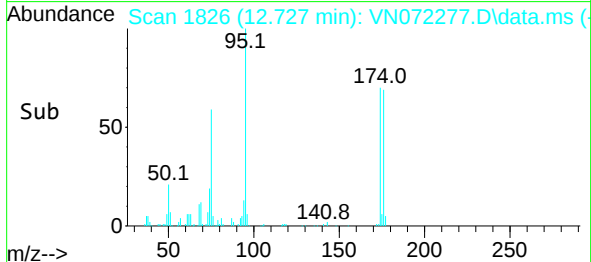
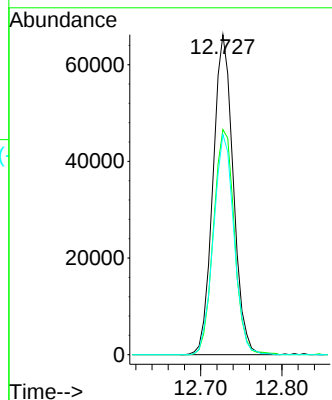
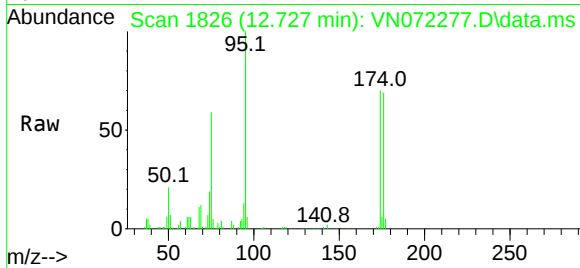




#62
4-Bromofluorobenzene
Concen: 46.401 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

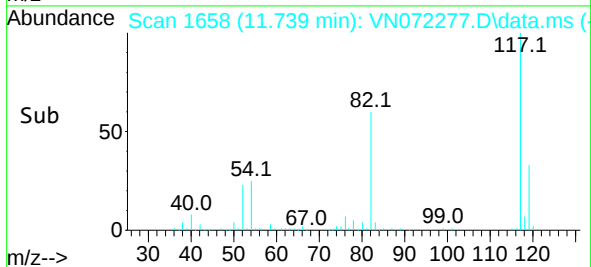
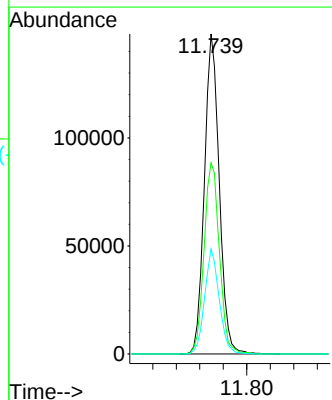
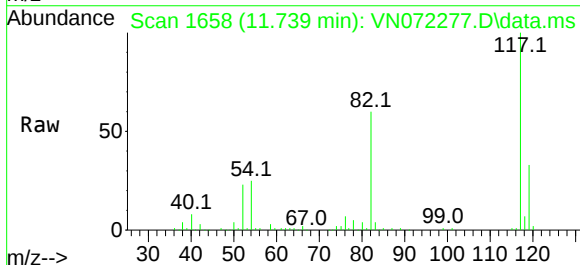
Instrument :
MSVOA_N
ClientSampleId :
MW-12

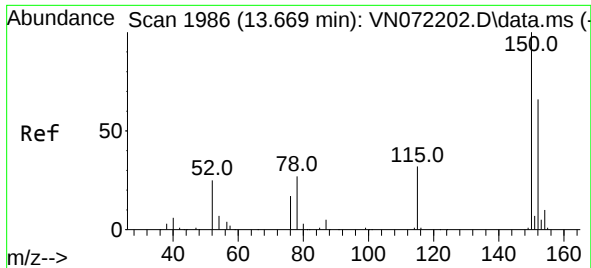
Tgt Ion: 95 Resp: 114662
Ion Ratio Lower Upper
95 100
174 72.6 0.0 167.6
176 69.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

Tgt Ion: 117 Resp: 258909
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 32.9 25.4 38.0

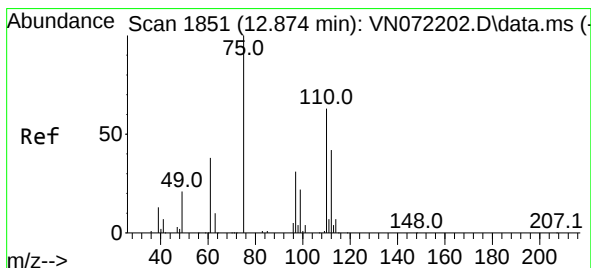
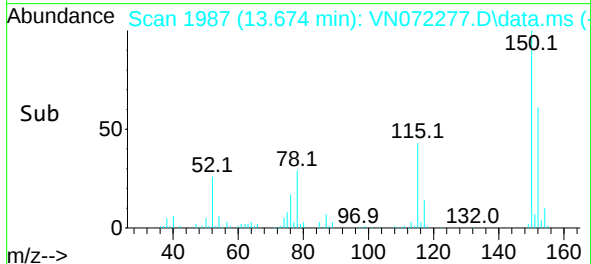
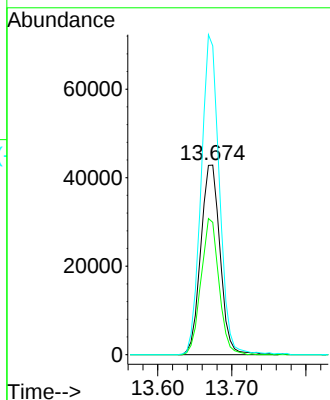
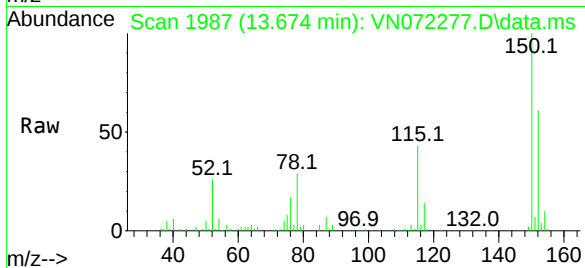




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN072277.D
 Acq: 29 Apr 2022 18:10

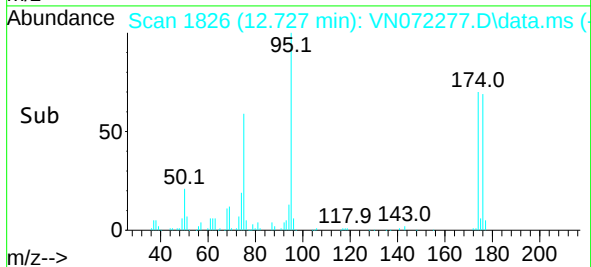
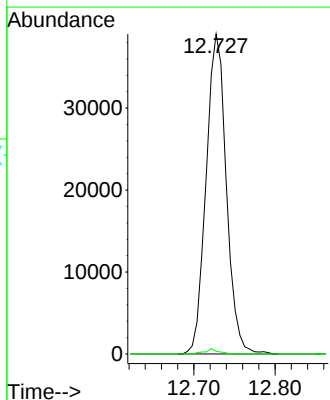
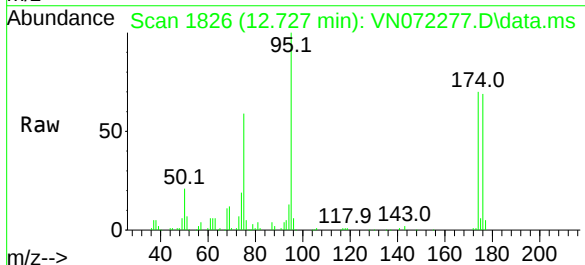
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

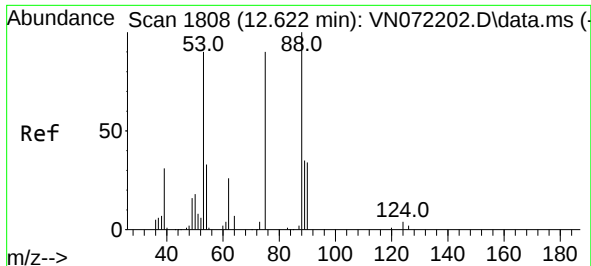
Tgt Ion:152 Resp: 77818
 Ion Ratio Lower Upper
 152 100
 115 66.5 28.9 86.7
 150 159.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 38.318 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072277.D
 Acq: 29 Apr 2022 18:10

Tgt Ion: 75 Resp: 67583
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#

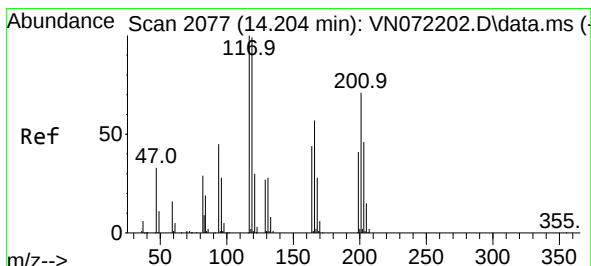
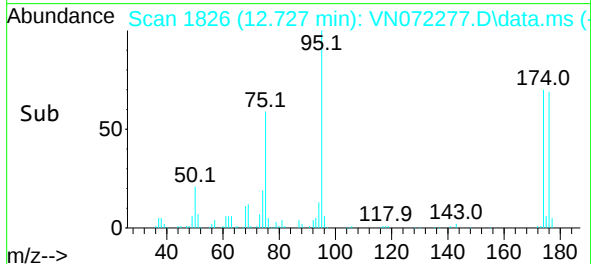
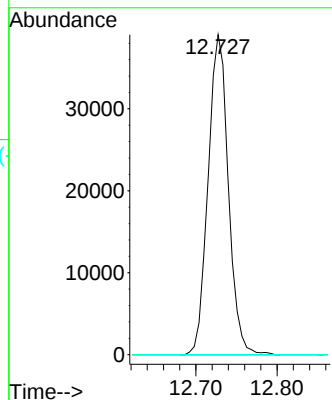
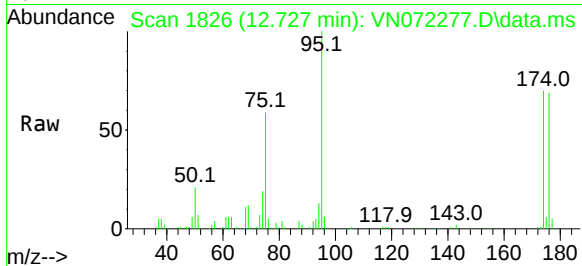




#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.419 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN072277.D
 Acq: 29 Apr 2022 18:10

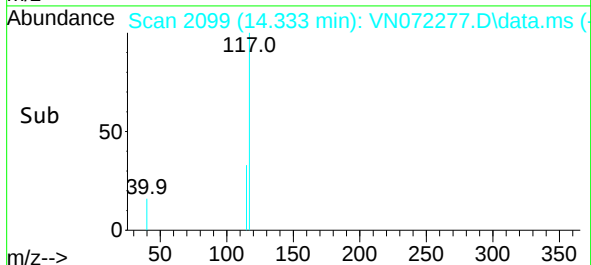
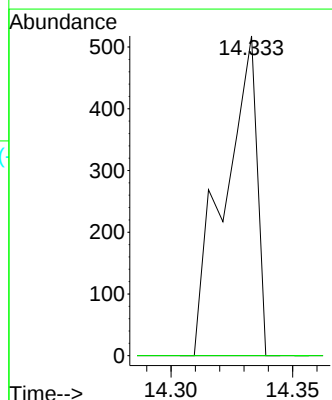
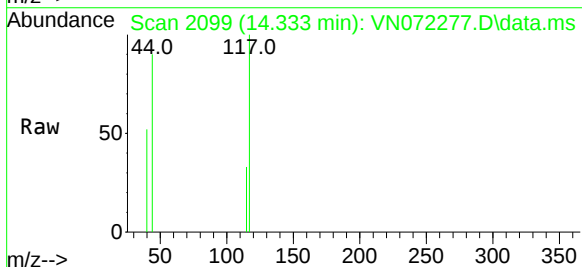
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

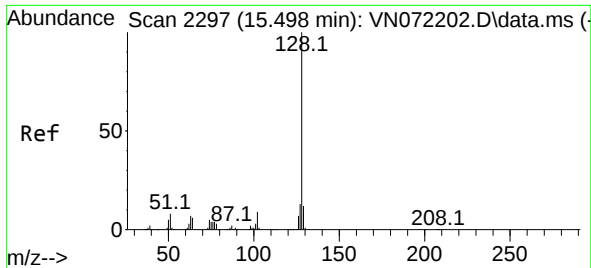
Tgt Ion: 75 Resp: 67583
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#90
 Hexachloroethane
 Concen: 0.434 ug/l
 RT: 14.333 min Scan# 2099
 Delta R.T. 0.129 min
 Lab File: VN072277.D
 Acq: 29 Apr 2022 18:10

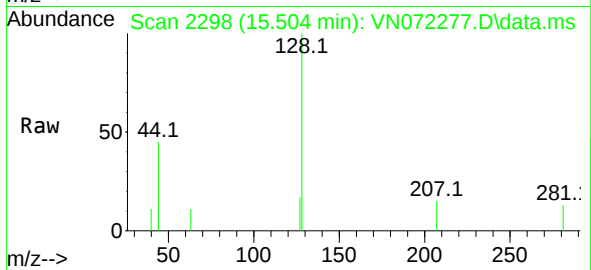
Tgt Ion: 117 Resp: 481
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.6 122.0#





#95
Naphthalene
Concen: 4.967 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072277.D
Acq: 29 Apr 2022 18:10

Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion:128 Resp: 2944
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5#
129 6.3 8.6 13.0#

