

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071736.D
 Acq On : 01 Apr 2022 04:52
 Operator : JC\MD
 Sample : PB143762TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143762TB

Quant Time: Apr 01 06:06:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

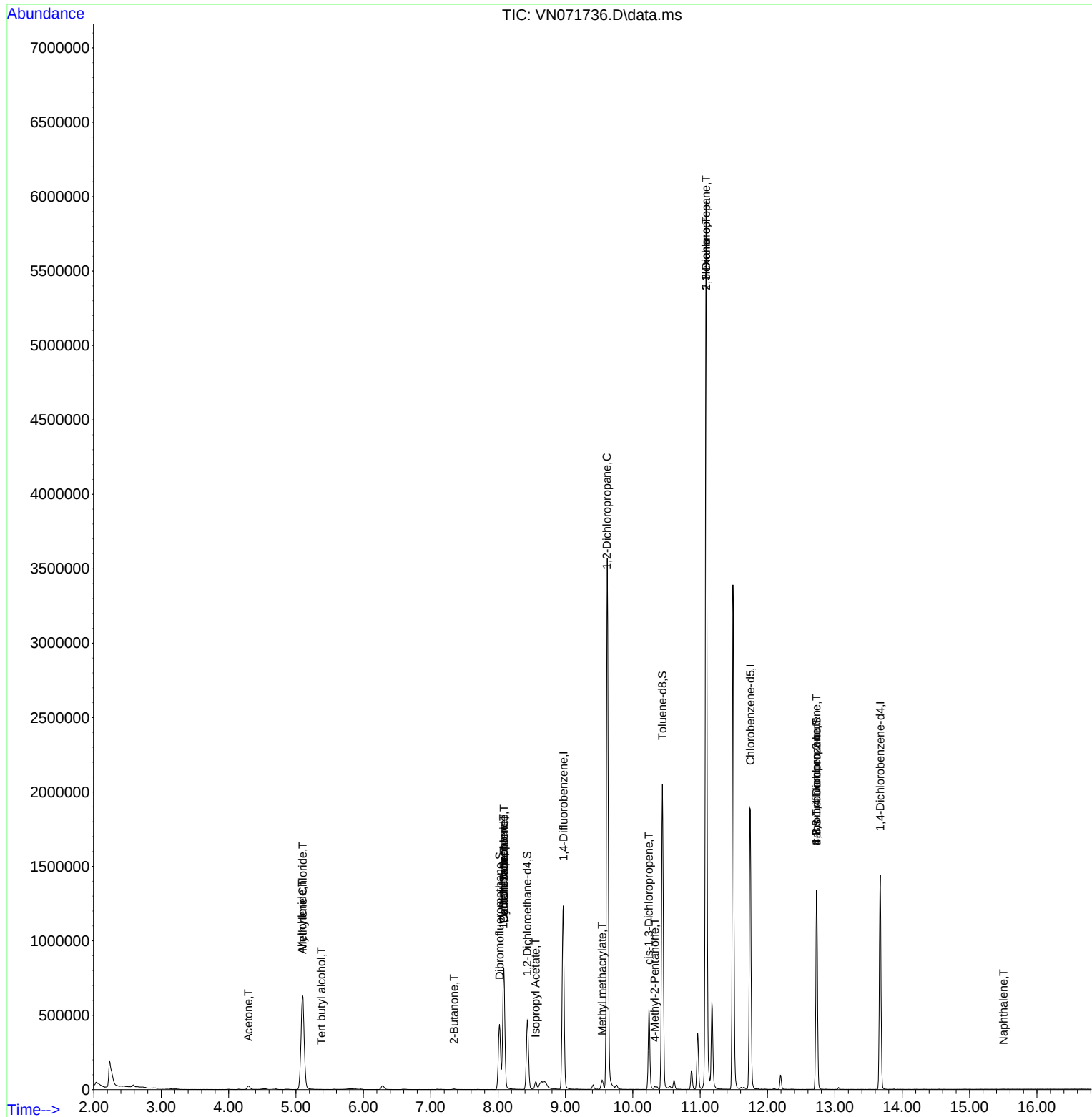
Internal Standards						
1) Pentafluorobenzene	8.086	168	665375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1138488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1179323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	416425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	381873	50.273	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.540%	
35) Dibromofluoromethane	8.022	113	328431	49.024	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.040%	
50) Toluene-d8	10.439	98	1469454	53.619	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.727	95	479391	54.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.375	59	407	0.330	ug/l #	72
14) Allyl chloride	5.093	41	16868	1.892	ug/l #	24
16) Acetone	4.293	43	43050	13.261	ug/l	97
18) Methyl Acetate	4.869	43	6644	Below Cal		99
20) Methylene Chloride	5.098	84	557032	81.410	ug/l	99
25) 2-Butanone	7.345	43	7316	1.563	ug/l #	82
31) Cyclohexane	8.086	56	11876	1.150	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	45670	4.882	ug/l #	48
38) Carbon Tetrachloride	8.086	117	60610	6.610	ug/l #	17
43) Isopropyl Acetate	8.557	43	57388	3.369	ug/l #	93
45) 1,2-Dichloropropane	9.616	63	5151	0.698	ug/l #	44
48) Methyl methacrylate	9.545	41	15800	2.236	ug/l #	10
49) 1,4-Dioxane	9.622	88	538	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.328	43	8649	0.883	ug/l #	70
54) cis-1,3-Dichloropropene	10.239	75	106369	9.309	ug/l #	61
57) 1,3-Dichloropropane	11.086	76	66912	5.205	ug/l #	42
59) 2-Hexanone	11.086	43	861613	124.974	ug/l #	47
76) 1,2,3-Trichloropropane	12.727	75	233859	24.242	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	233859	75.125	ug/l #	10
95) Naphthalene	15.504	128	1609	3.881	ug/l #	74

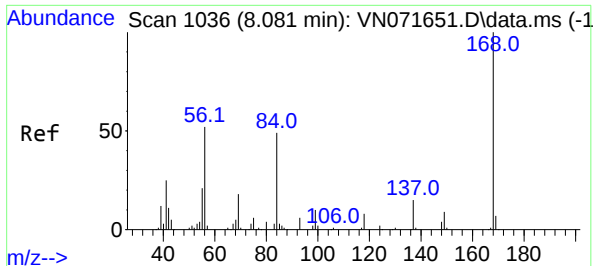
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 31 01:57:54 2022
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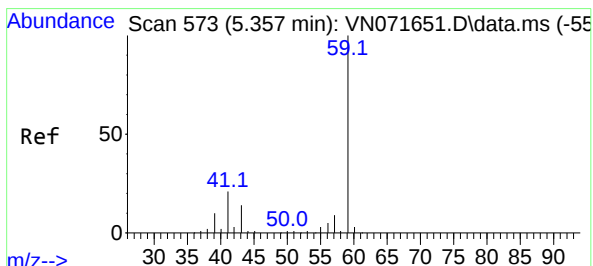
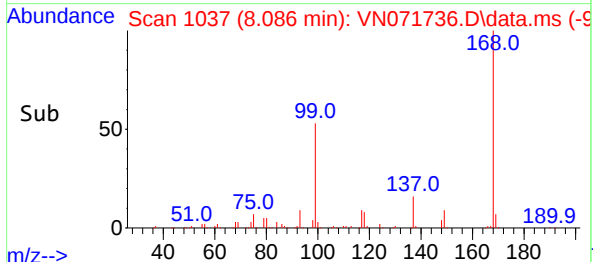
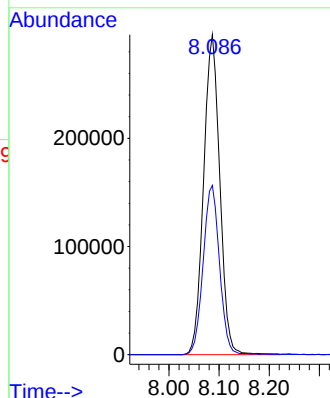
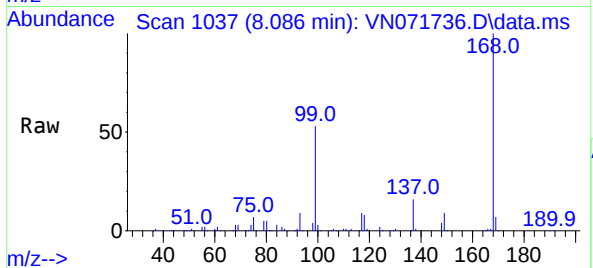




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

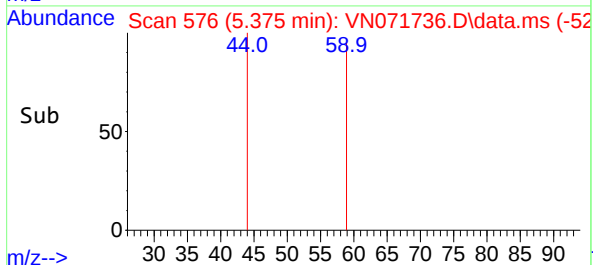
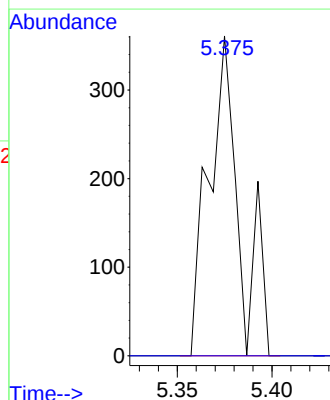
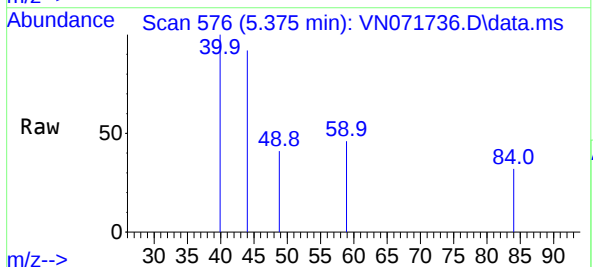
Instrument :
MSVOA_N
ClientSampleId :
PB143762TB

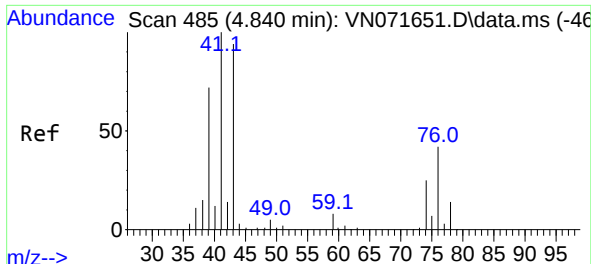
Tgt Ion:168 Resp: 665375
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5



#11
Tert butyl alcohol
Concen: 0.330 ug/l
RT: 5.375 min Scan# 576
Delta R.T. 0.018 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 1.892 ug/l

RT: 5.093 min Scan# 51

Delta R.T. 0.253 min

Lab File: VN071736.D

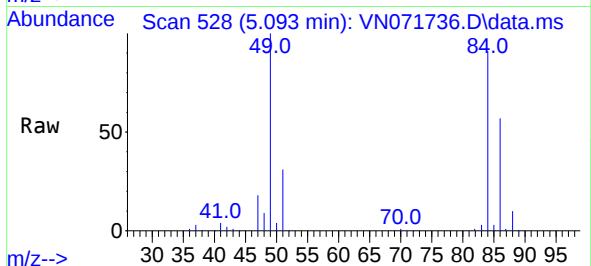
Acq: 01 Apr 2022 04:52

Instrument :

MSVOA_N

ClientSampleId :

PB143762TB



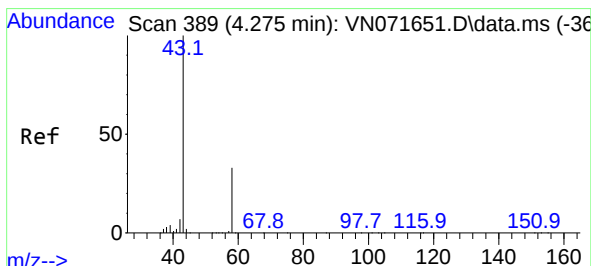
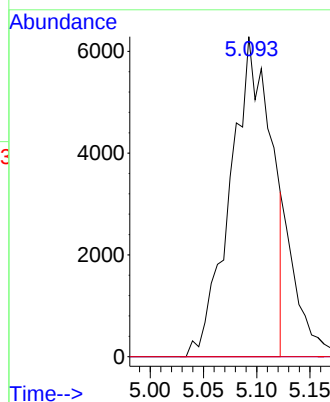
Tgt Ion: 41 Resp: 16868

Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

76 0.0 29.9 44.9#



#16

Acetone

Concen: 13.261 ug/l

RT: 4.293 min Scan# 392

Delta R.T. 0.018 min

Lab File: VN071736.D

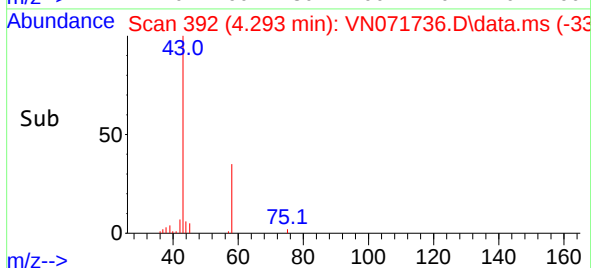
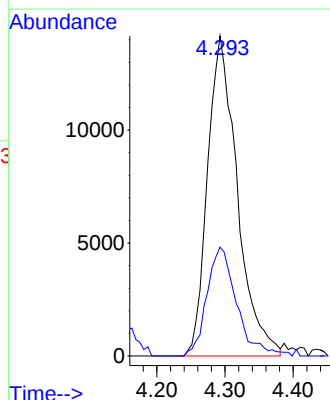
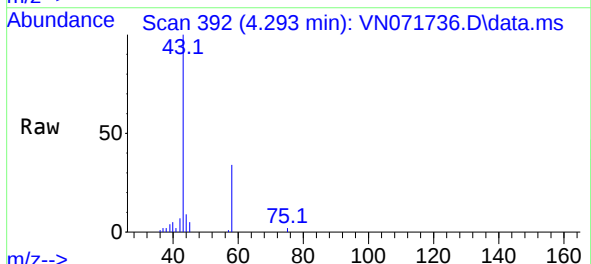
Acq: 01 Apr 2022 04:52

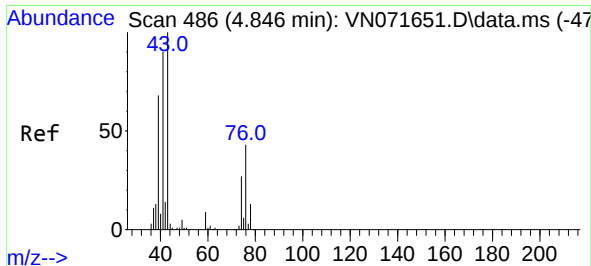
Tgt Ion: 43 Resp: 43050

Ion Ratio Lower Upper

43 100

58 34.0 26.0 39.0

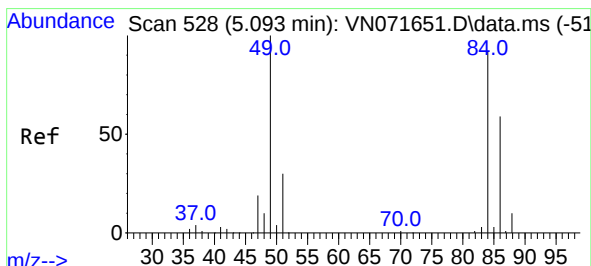
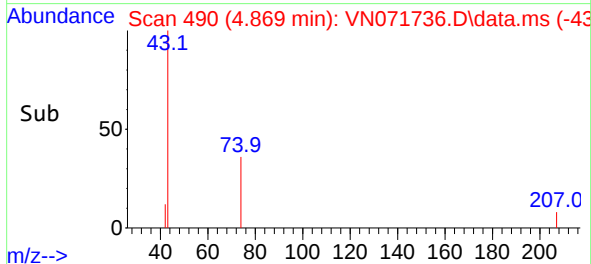
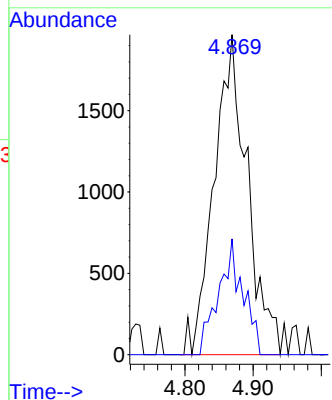
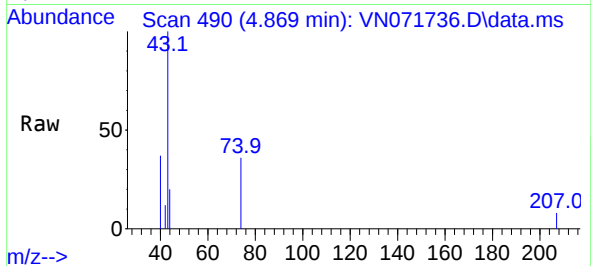




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 49
Delta R.T. 0.023 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

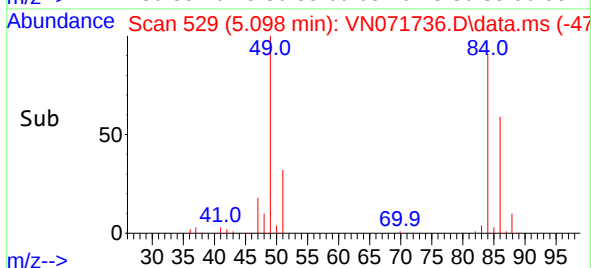
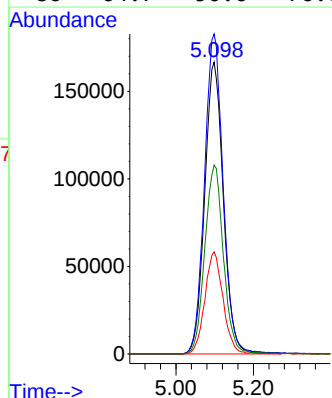
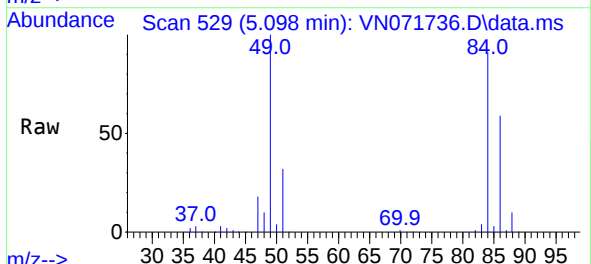
Instrument :
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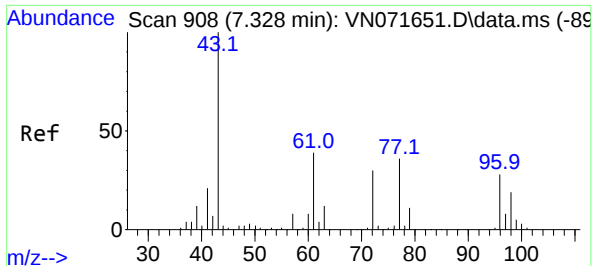
Tgt Ion: 43 Resp: 6644
Ion Ratio Lower Upper
43 100
74 26.7 21.6 32.4



#20
Methylene Chloride
Concen: 81.410 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 84 Resp: 557032
Ion Ratio Lower Upper
84 100
49 109.6 88.3 132.5
51 35.0 28.2 42.2
86 64.7 50.6 76.0





#25

2-Butanone

Concen: 1.563 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN071736.D

Acq: 01 Apr 2022 04:52

Instrument :

MSVOA_N

ClientSampleId :

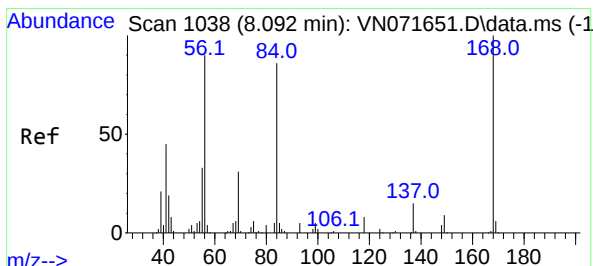
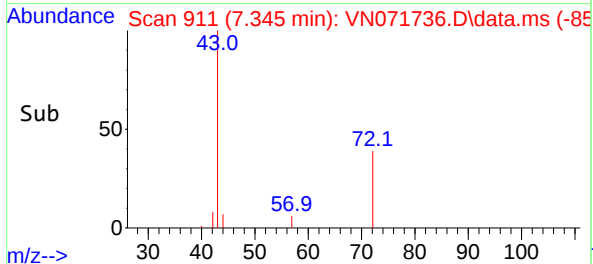
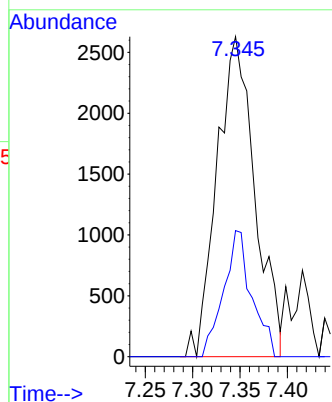
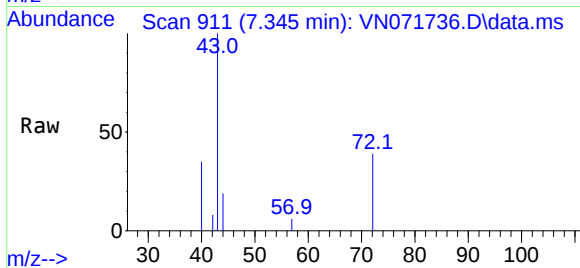
PB143762TB

Tgt Ion: 43 Resp: 7316

Ion Ratio Lower Upper

43 100

72 39.4 23.7 35.5#



#31

Cyclohexane

Concen: 1.150 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071736.D

Acq: 01 Apr 2022 04:52

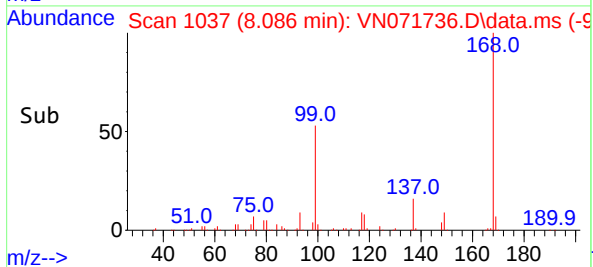
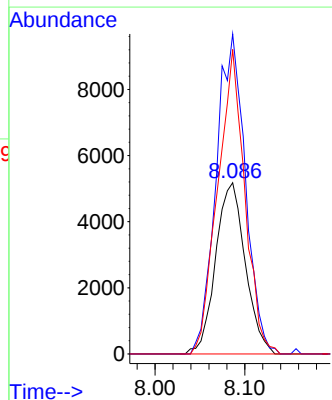
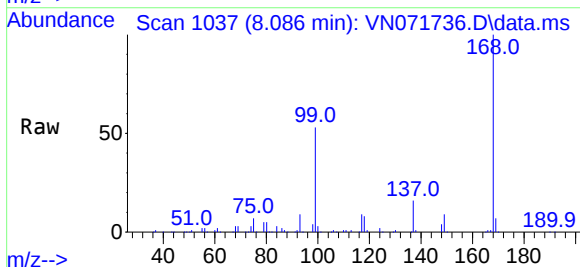
Tgt Ion: 56 Resp: 11876

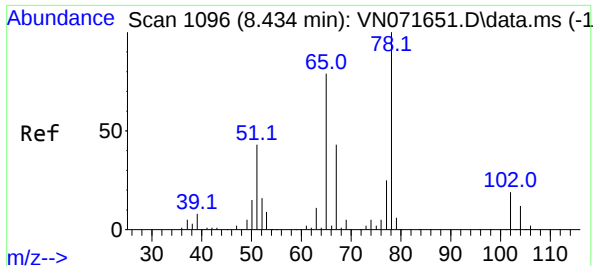
Ion Ratio Lower Upper

56 100

69 186.9 27.8 41.8#

84 177.9 76.9 115.3#

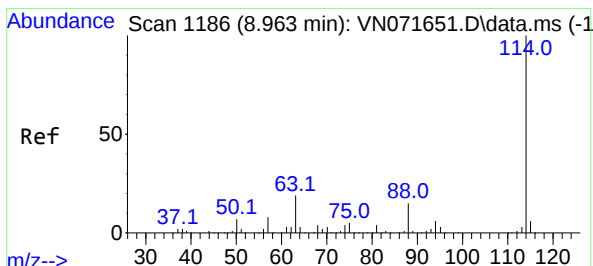
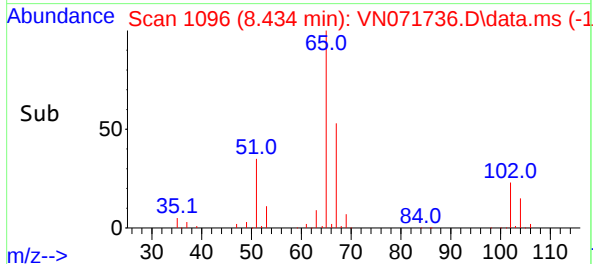
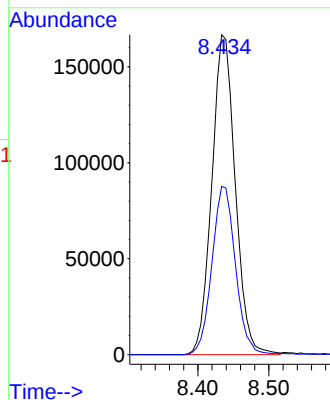
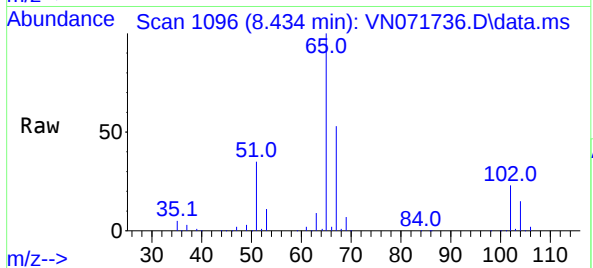




#33
1,2-Dichloroethane-d4
Concen: 50.273 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

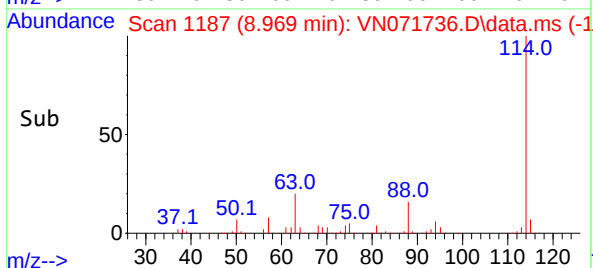
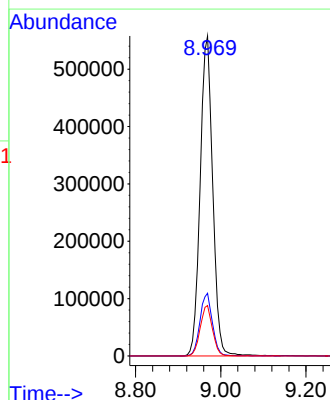
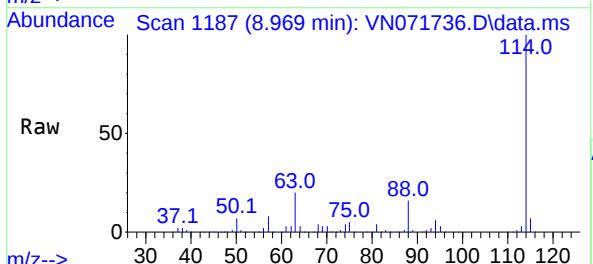
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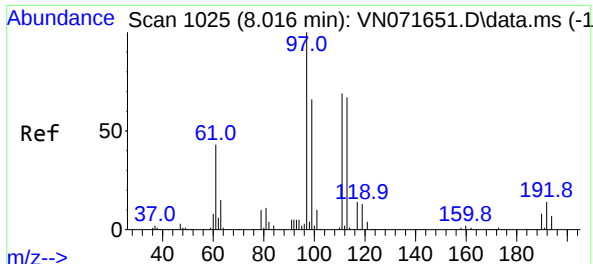
Tgt Ion: 65 Resp: 381873
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion:114 Resp: 1138488
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 15.7 0.0 32.6

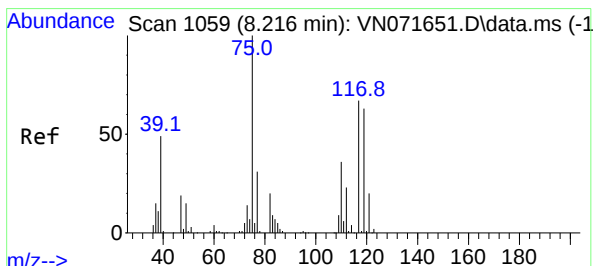
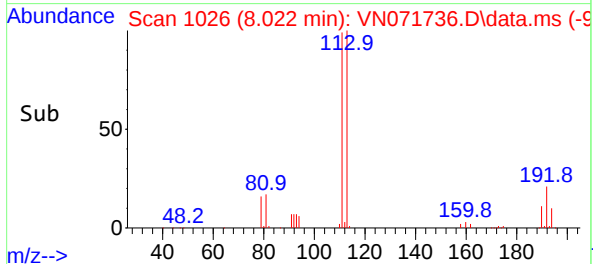
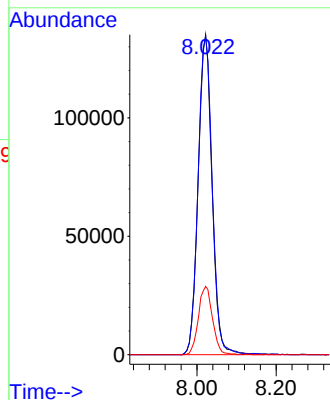
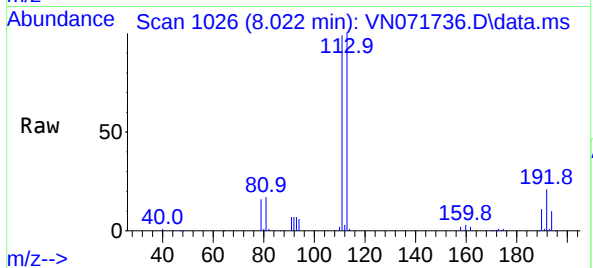




#35
Dibromofluoromethane
Concen: 49.024 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

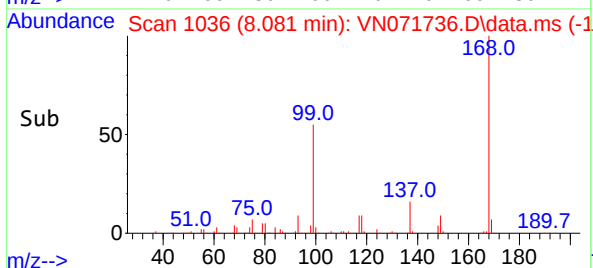
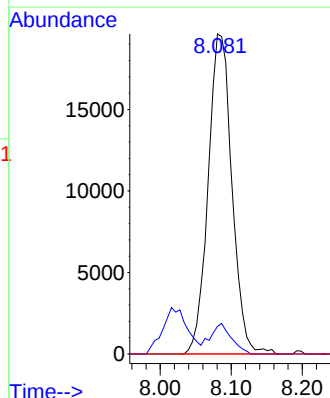
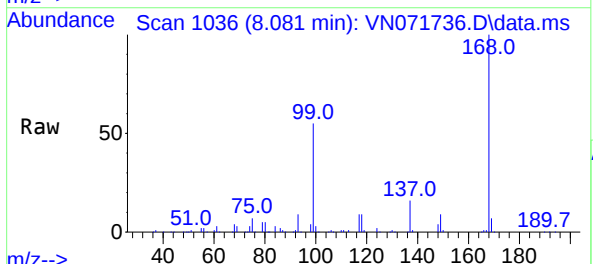
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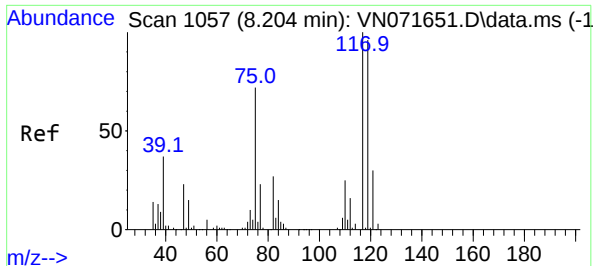
Tgt Ion:113 Resp: 328431
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.882 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 75 Resp: 45670
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#

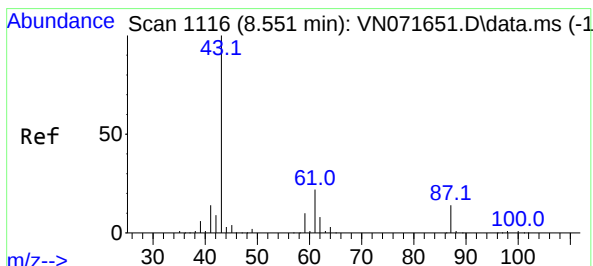
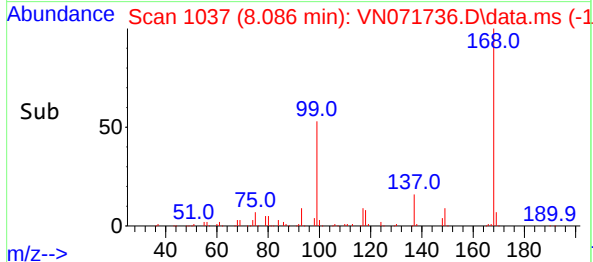
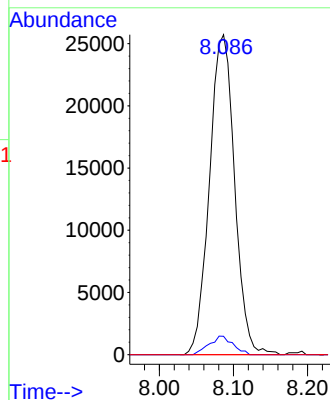
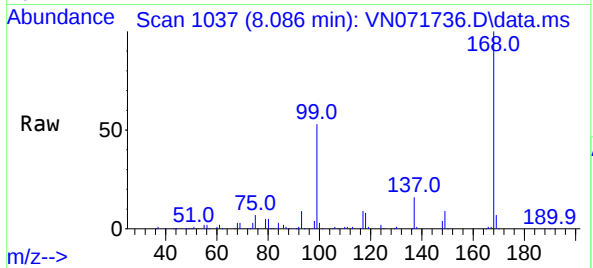




#38
Carbon Tetrachloride
Concen: 6.610 ug/l
RT: 8.086 min Scan# 1107
Delta R.T. -0.118 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

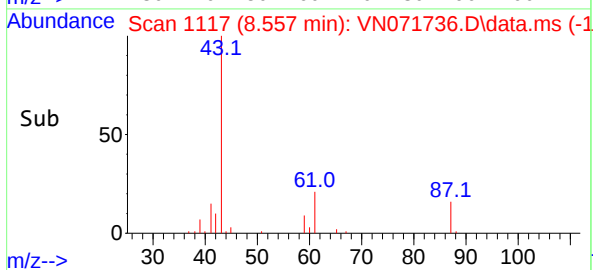
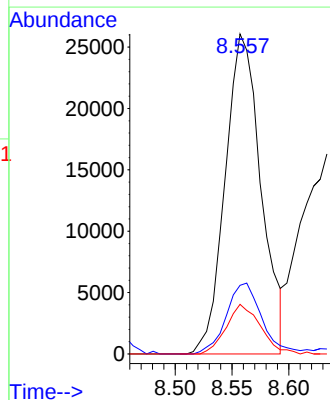
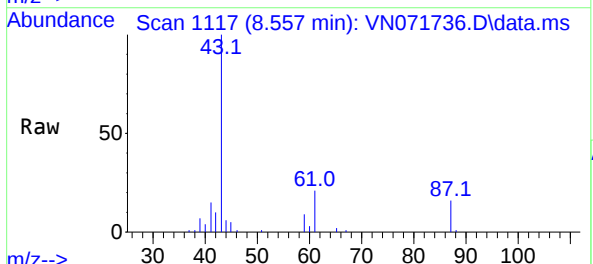
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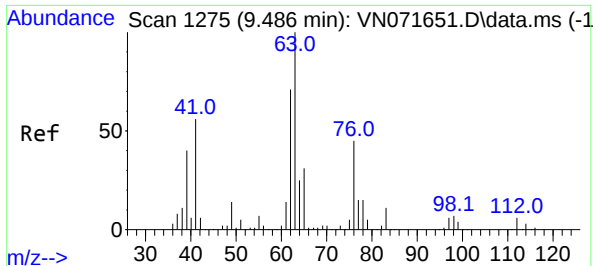
Tgt Ion:117 Resp: 60610
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 3.369 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 43 Resp: 57388
Ion Ratio Lower Upper
43 100
61 21.8 21.9 32.9#
87 14.9 12.0 18.0





#45

1,2-Dichloropropane

Concen: 0.698 ug/l

RT: 9.616 min Scan# 1

Delta R.T. 0.130 min

Lab File: VN071736.D

Acq: 01 Apr 2022 04:52

Instrument :

MSVOA_N

ClientSampleId :

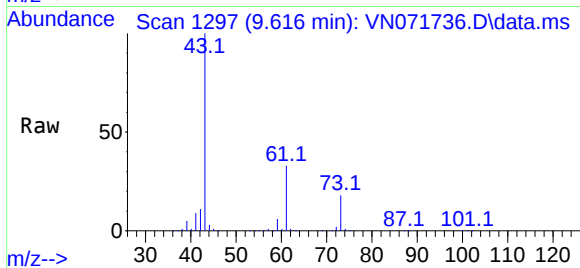
PB143762TB

Tgt Ion: 63 Resp: 5151

Ion Ratio Lower Upper

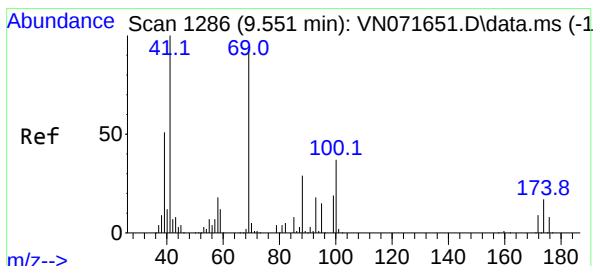
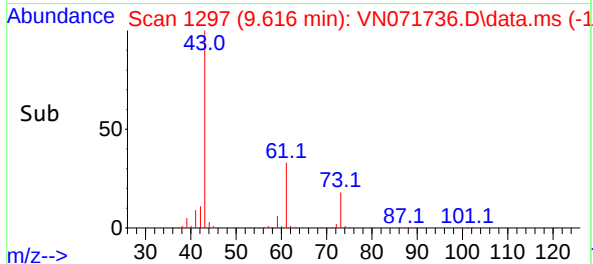
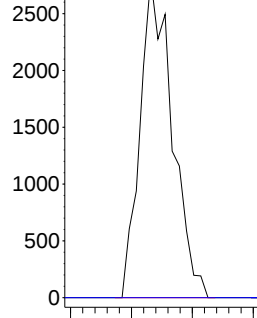
63 100

65 0.0 24.9 37.3#



Abundance

9.616



#48

Methyl methacrylate

Concen: 2.236 ug/l

RT: 9.545 min Scan# 1285

Delta R.T. -0.006 min

Lab File: VN071736.D

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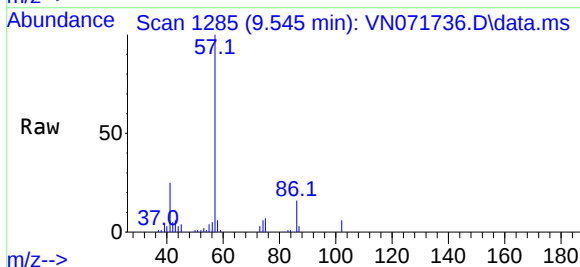
Tgt Ion: 41 Resp: 15800

Ion Ratio Lower Upper

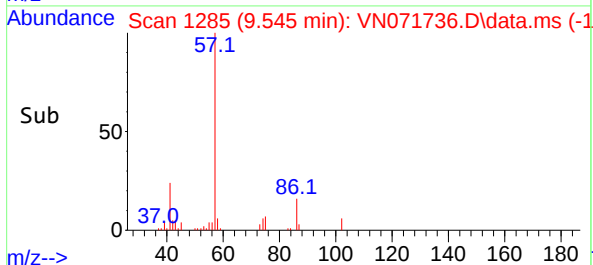
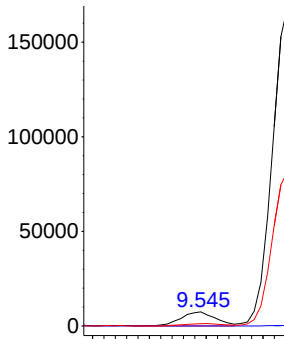
41 100

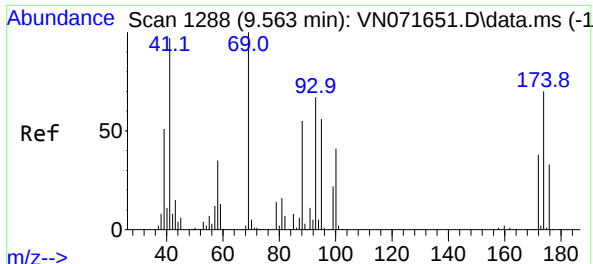
69 0.0 74.7 112.1#

39 0.0 45.6 68.4#



Abundance

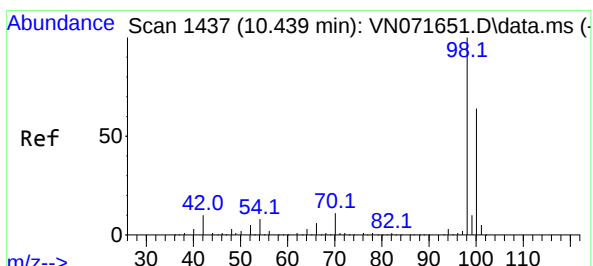
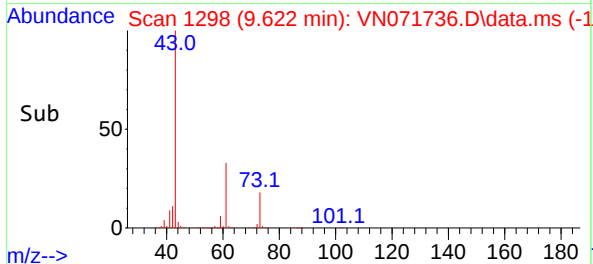
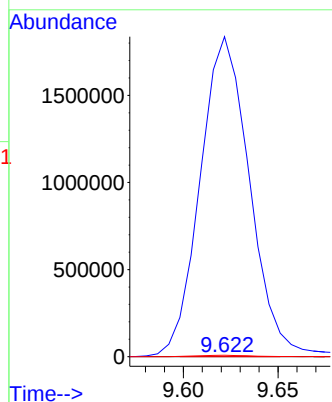
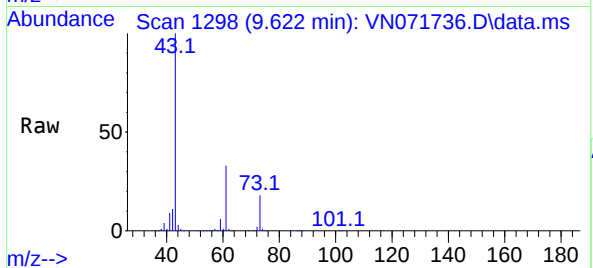




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.622 min Scan# 1298
Delta R.T. 0.059 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

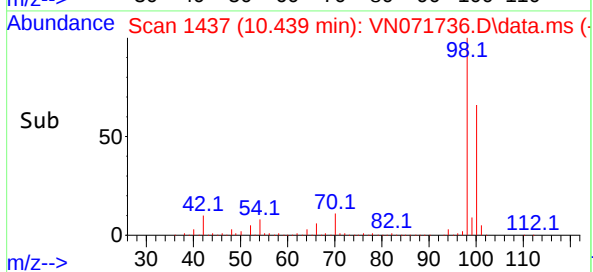
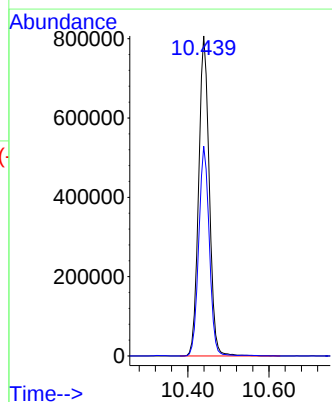
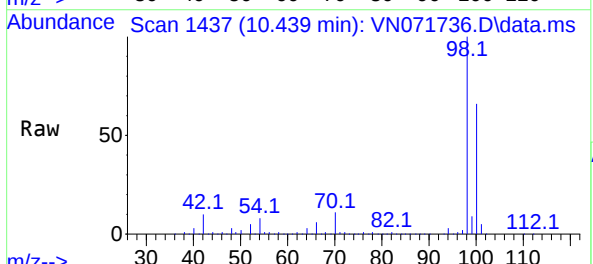
Instrument :
MSVOA_N
ClientSampleId :
PB143762TB

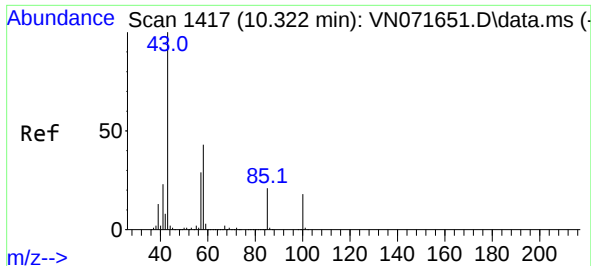
Tgt Ion: 88 Resp: 538
Ion Ratio Lower Upper
88 100
43 629614.3 20.2 30.4#
58 3178.1 54.2 81.4#



#50
Toluene-d8
Concen: 53.619 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 98 Resp: 1469454
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

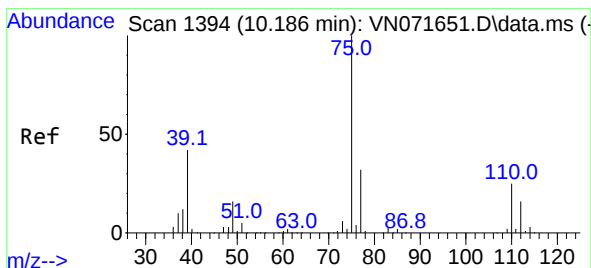
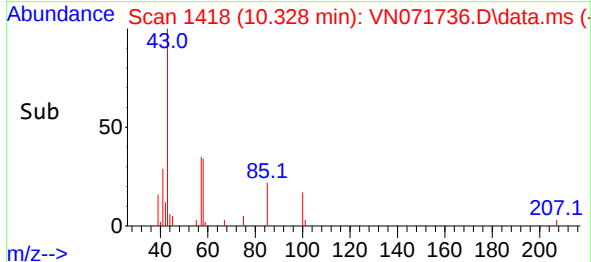
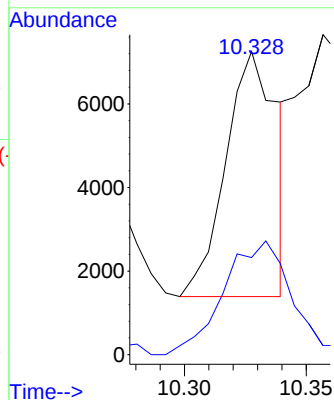
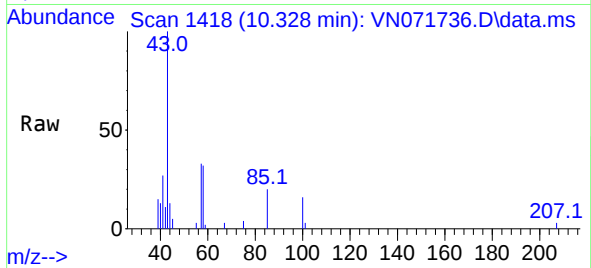




#51
4-Methyl-2-Pentanone
Concen: 0.883 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

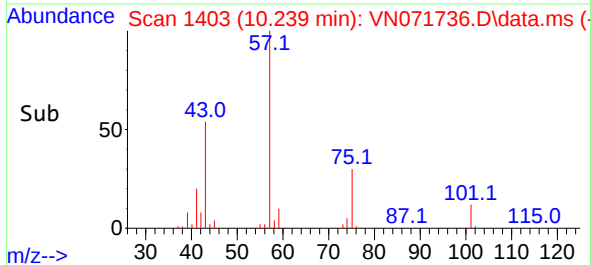
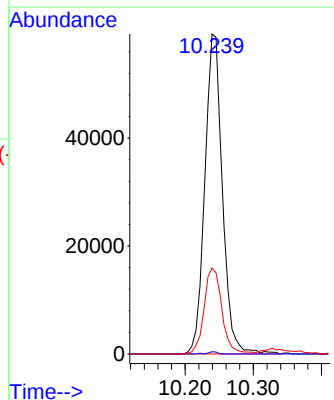
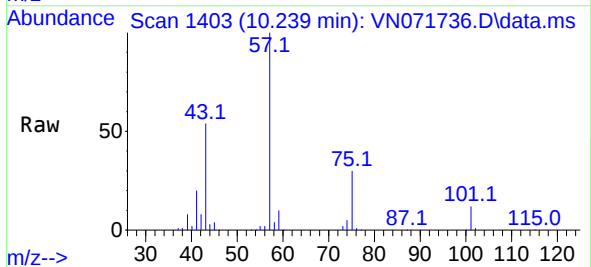
Instrument :
MSVOA_N
ClientSampleId :
PB143762TB

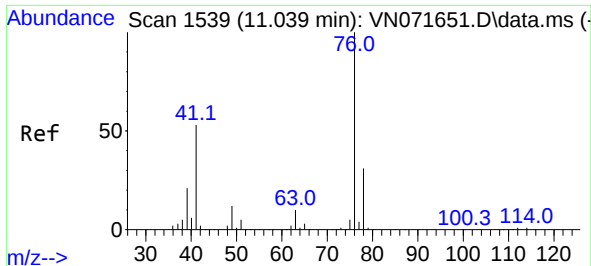
Tgt Ion: 43 Resp: 8649
Ion Ratio Lower Upper
43 100
58 62.0 34.1 51.1#



#54
cis-1,3-Dichloropropene
Concen: 9.309 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 75 Resp: 106369
Ion Ratio Lower Upper
75 100
77 0.7 25.2 37.8#
39 26.8 35.7 53.5#

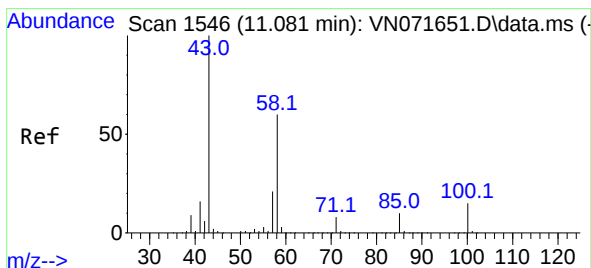
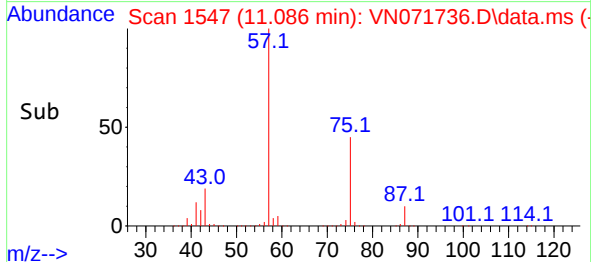
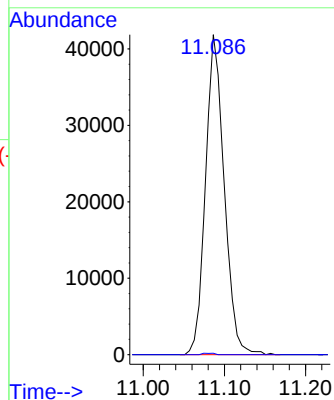
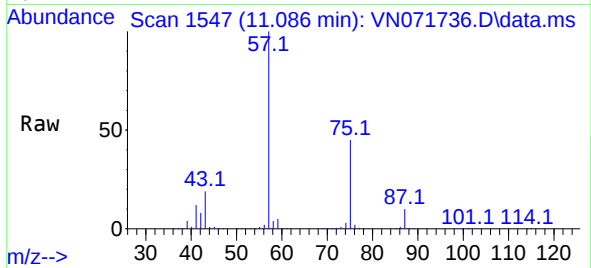




#57
1,3-Dichloropropane
Concen: 5.205 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

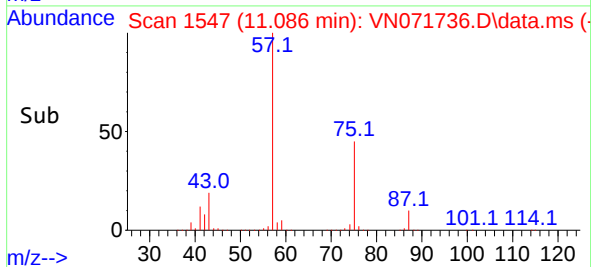
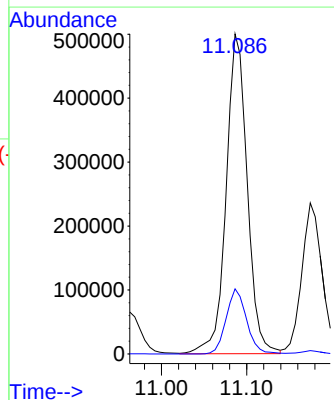
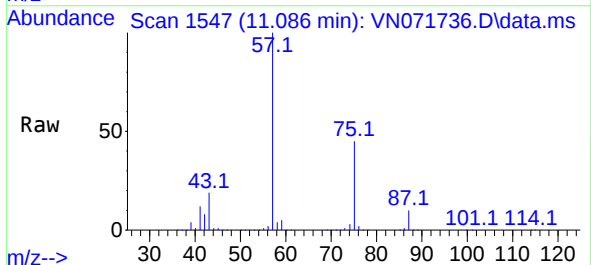
Instrument :
MSVOA_N
ClientSampleId :
PB143762TB

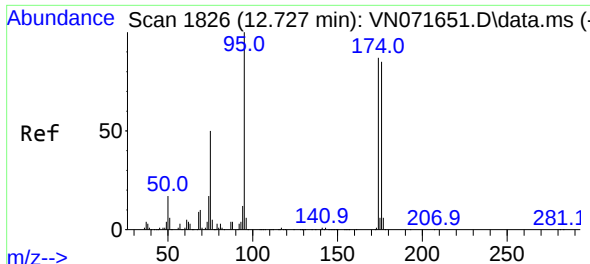
Tgt Ion: 76 Resp: 66912
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#



#59
2-Hexanone
Concen: 124.974 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 43 Resp: 861613
Ion Ratio Lower Upper
43 100
58 19.7 29.7 89.1#

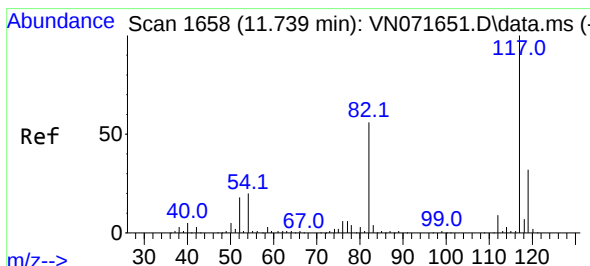
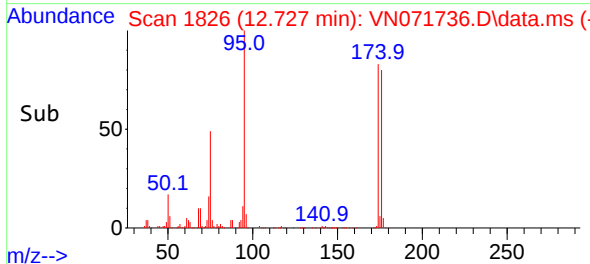
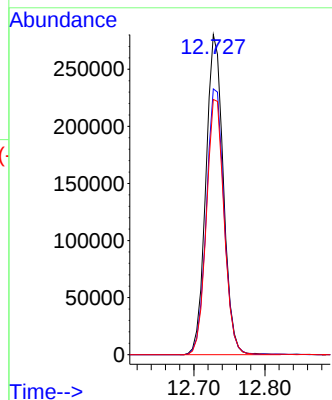
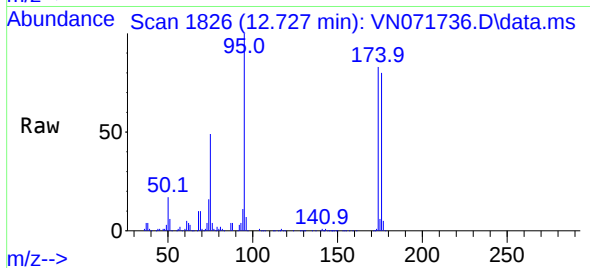




#62
4-Bromofluorobenzene
Concen: 54.087 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

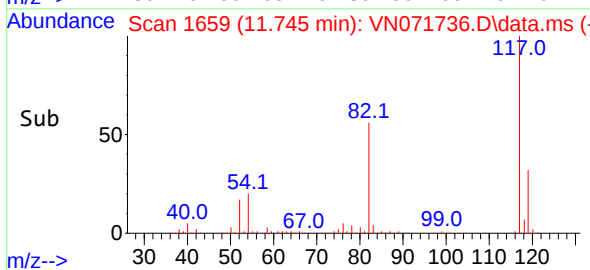
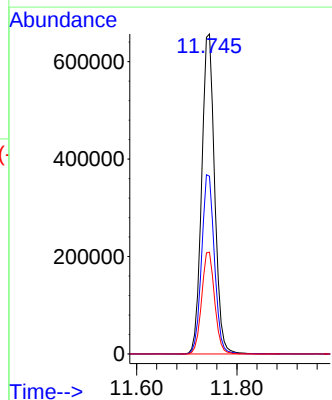
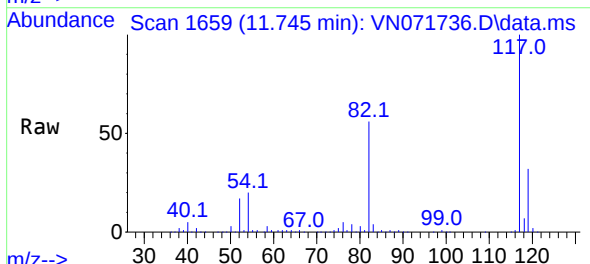
Instrument :
MSVOA_N
ClientSampleId :
PB143762TB

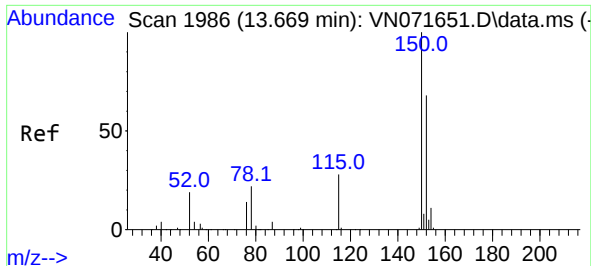
Tgt Ion: 95 Resp: 479391
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 80.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 117 Resp: 1179323
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 31.8 25.4 38.0

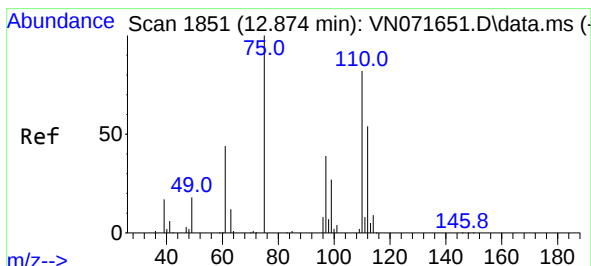
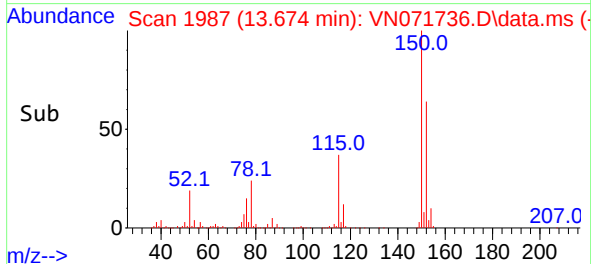
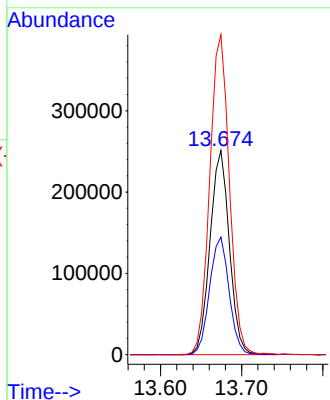
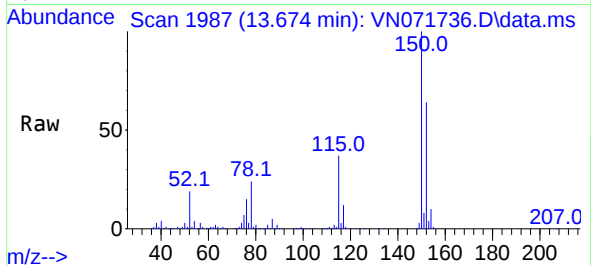




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

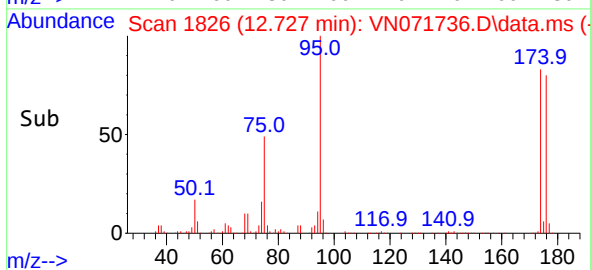
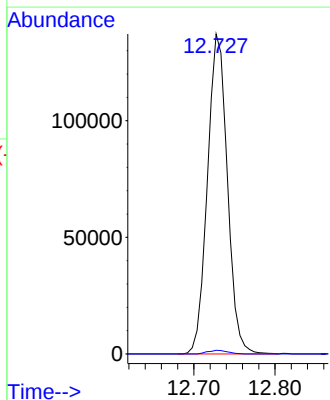
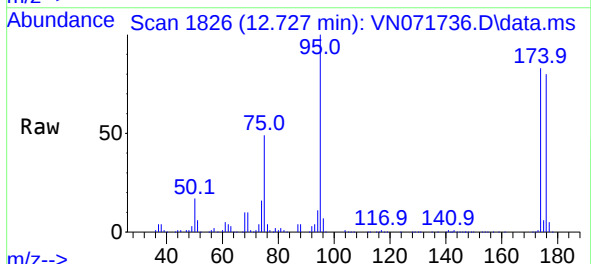
Instrument :
MSVOA_N
ClientSampleId :
PB143762TB

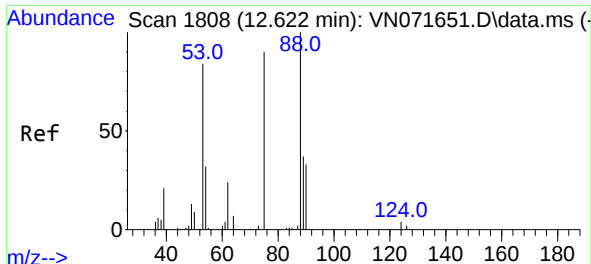
Tgt Ion:152 Resp: 416425
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 158.8 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.242 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 75 Resp: 233859
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

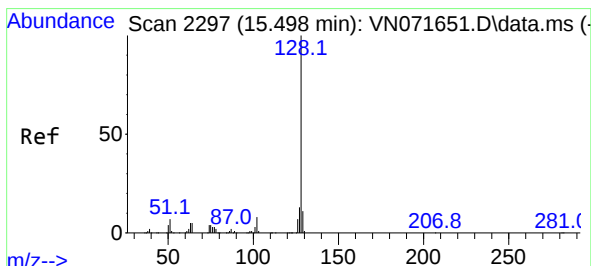
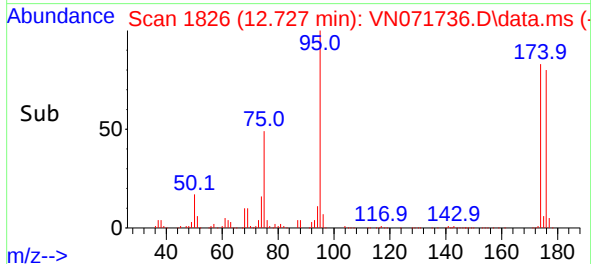
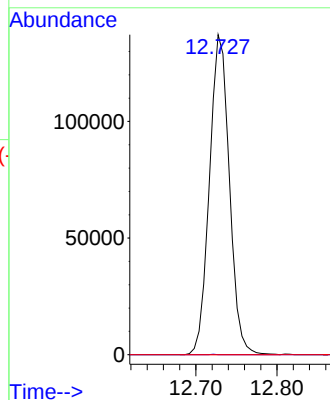
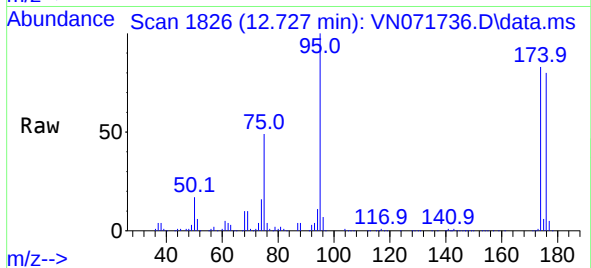




#81
trans-1,4-Dichloro-2-butene
Concen: 75.125 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Instrument :
MSVOA_N
ClientSampleId :
PB143762TB

Tgt Ion: 75 Resp: 233859
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.881 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071736.D
Acq: 01 Apr 2022 04:52

Tgt Ion: 128 Resp: 1609
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 4.2 8.6 13.0#

