

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072018.D
 Acq On : 15 Apr 2022 22:03
 Operator : JC\MD
 Sample : PB144101ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB144101ZHE#06

Quant Time: Apr 16 00:09:11 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)

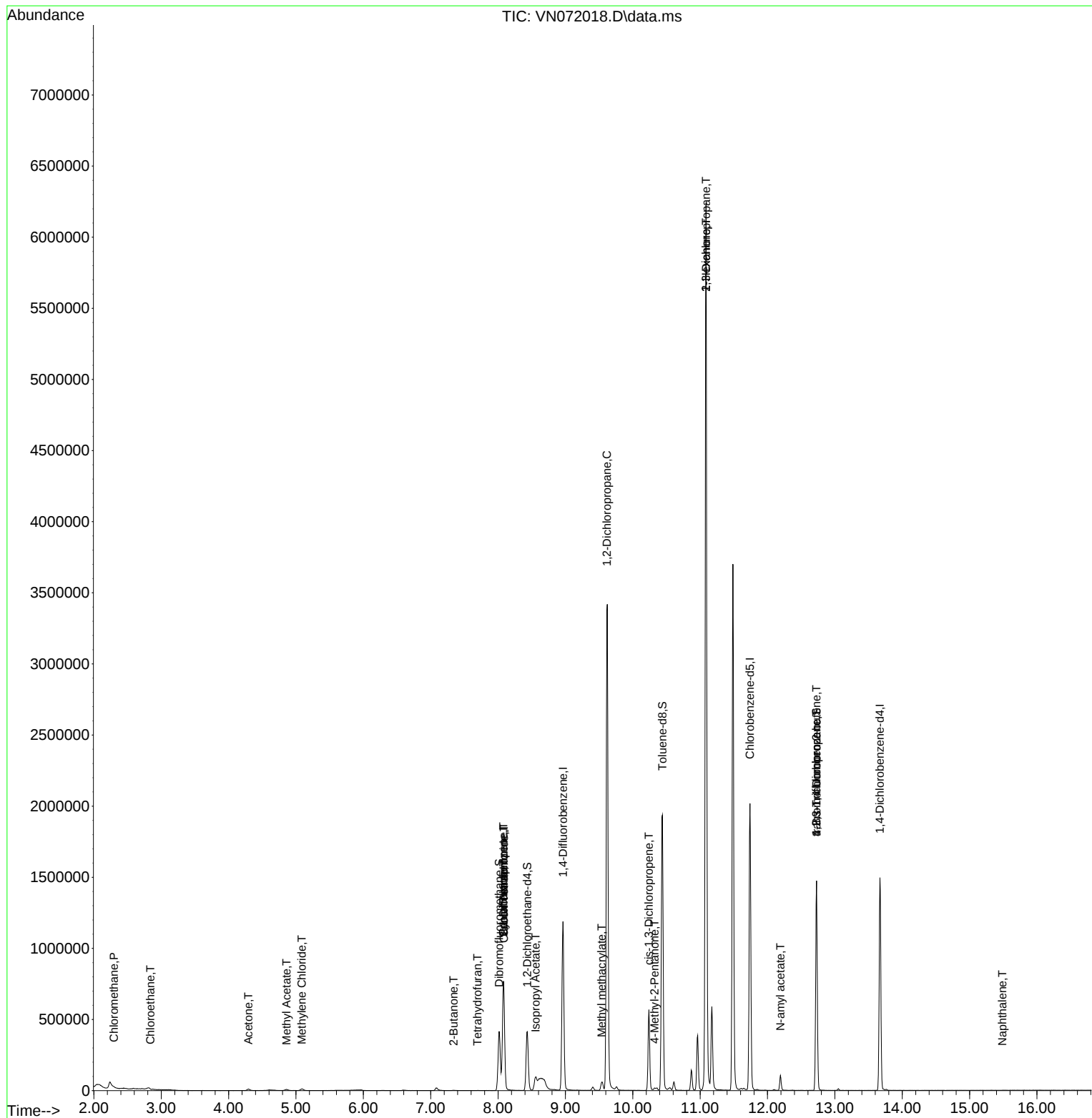
Internal Standards						
1) Pentafluorobenzene	8.081	168	639459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1100397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1259814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	453269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	345015	47.261	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.520%		
35) Dibromofluoromethane	8.016	113	308056	47.575	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.140%		
50) Toluene-d8	10.439	98	1453926	54.889	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.780%		
62) 4-Bromofluorobenzene	12.727	95	507662	59.259	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	118.520%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1450	0.225	ug/l #	63
6) Chloroethane	2.840	64	1444	0.284	ug/l #	62
16) Acetone	4.293	43	15427	4.945	ug/l #	88
18) Methyl Acetate	4.857	43	17324	0.751	ug/l	98
20) Methylene Chloride	5.087	84	10670	1.623	ug/l	90
25) 2-Butanone	7.340	43	3708	0.824	ug/l	100
29) Tetrahydrofuran	7.692	42	729	0.250	ug/l #	55
31) Cyclohexane	8.081	56	10035	1.011	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	42226	4.670	ug/l #	49
38) Carbon Tetrachloride	8.086	117	56930	6.424	ug/l #	16
43) Isopropyl Acetate	8.557	43	109846	6.673	ug/l #	76
45) 1,2-Dichloropropane	9.616	63	5107	0.716	ug/l #	44
48) Methyl methacrylate	9.539	41	15592	2.283	ug/l #	10
49) 1,4-Dioxane	9.616	88	619	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.322	43	8494	0.897	ug/l #	82
54) cis-1,3-Dichloropropene	10.239	75	111649	10.109	ug/l #	57
57) 1,3-Dichloropropane	11.086	76	71567	5.760	ug/l #	42
59) 2-Hexanone	11.086	43	836454	125.524	ug/l #	49
74) N-amyl acetate	12.192	43	28766	2.629	ug/l #	51
76) 1,2,3-Trichloropropane	12.727	75	238406	22.705	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	238406	70.361	ug/l #	10
95) Naphthalene	15.486	128	270	3.815	ug/l #	69

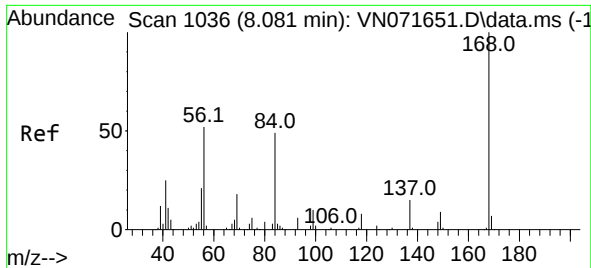
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
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Quant Time: Apr 16 00:09:11 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

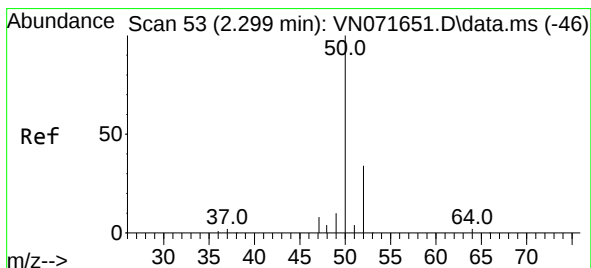
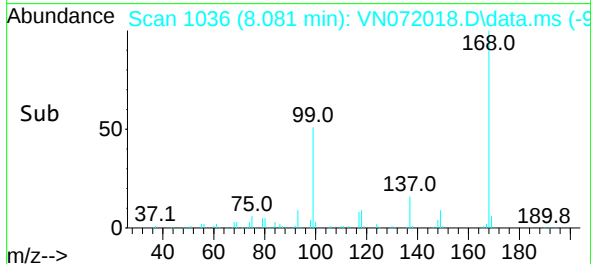
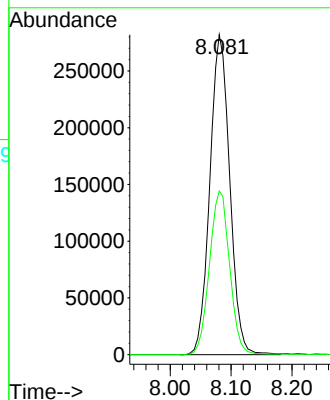
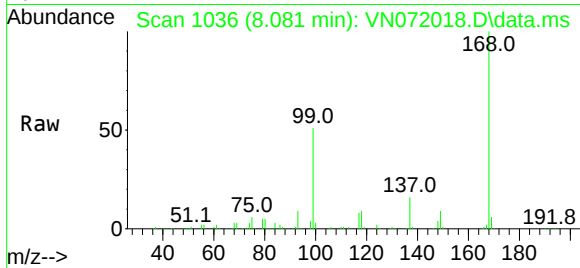




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

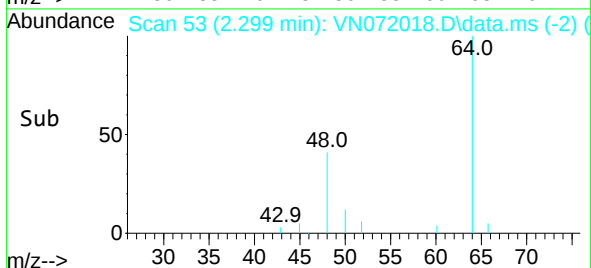
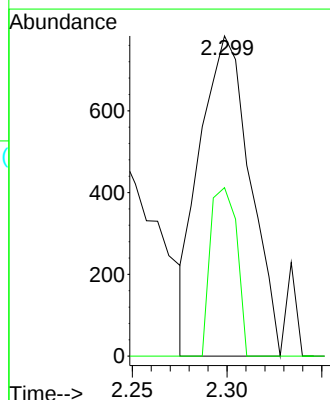
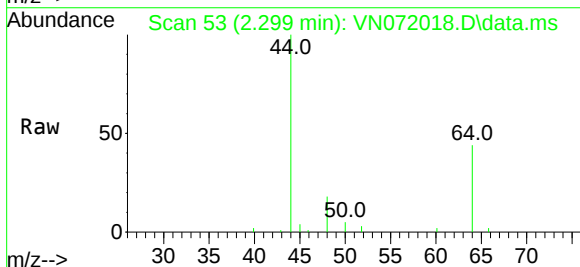
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

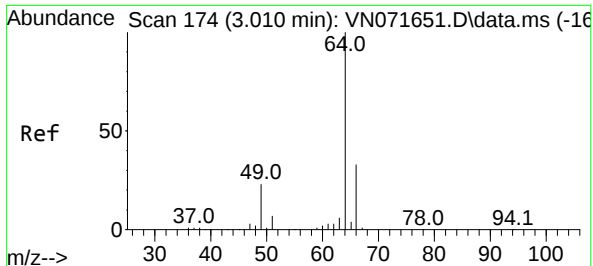
Tgt Ion:168 Resp: 639459
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#3
Chloromethane
Concen: 0.225 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion: 50 Resp: 1450
Ion Ratio Lower Upper
50 100
52 52.6 25.7 38.5#

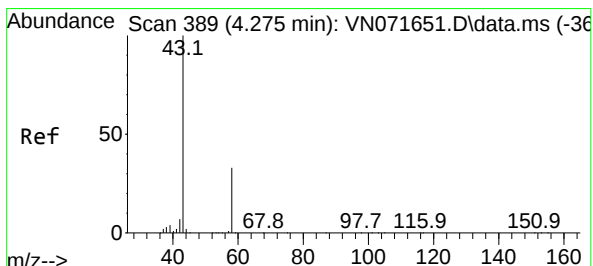
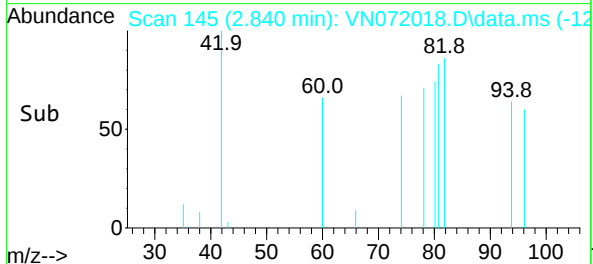
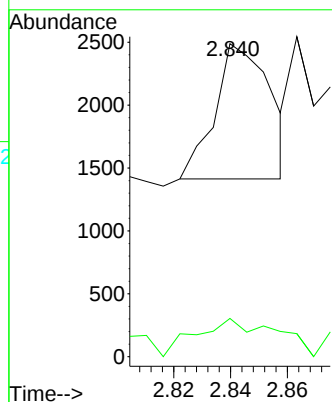
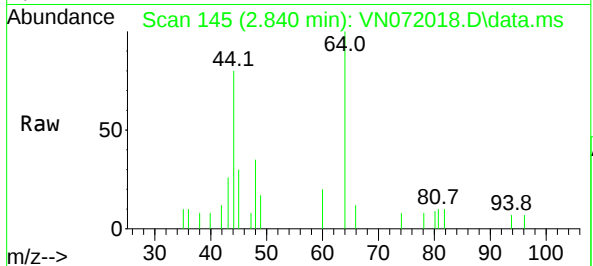




#6
Chloroethane
Concen: 0.284 ug/l
RT: 2.840 min Scan# 14
Delta R.T. -0.170 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

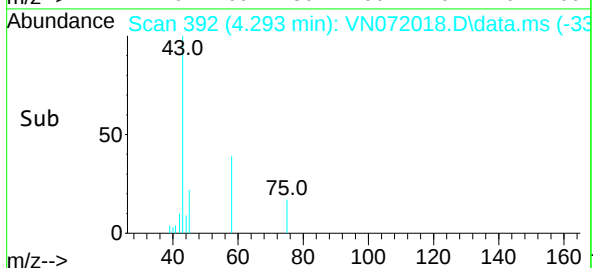
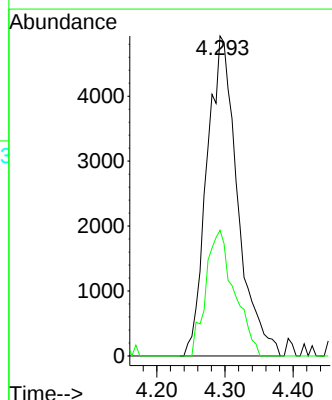
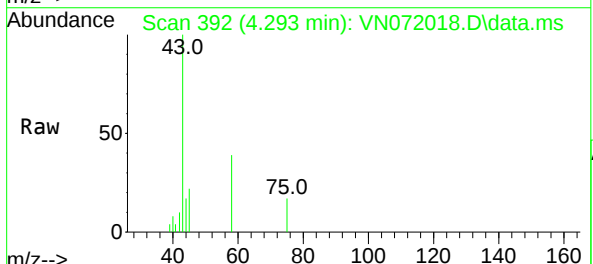
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

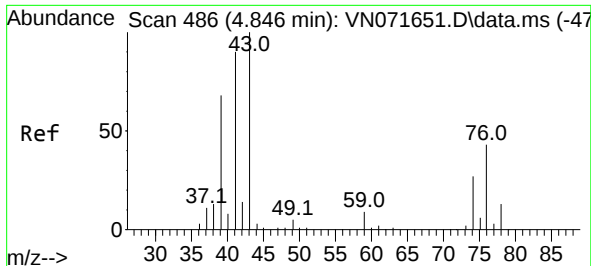
Tgt Ion: 64 Resp: 1444
Ion Ratio Lower Upper
64 100
66 11.4 26.2 39.4#



#16
Acetone
Concen: 4.945 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion: 43 Resp: 15427
Ion Ratio Lower Upper
43 100
58 39.3 26.0 39.0#

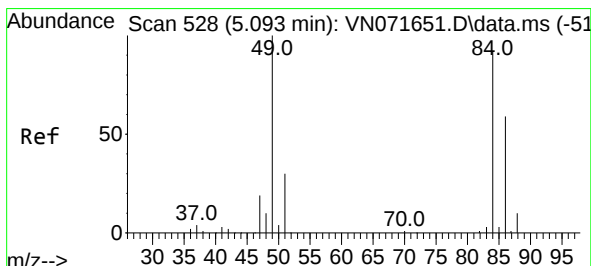
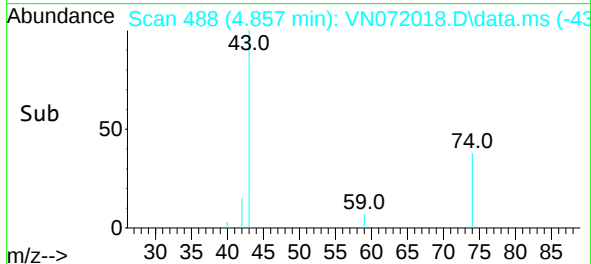
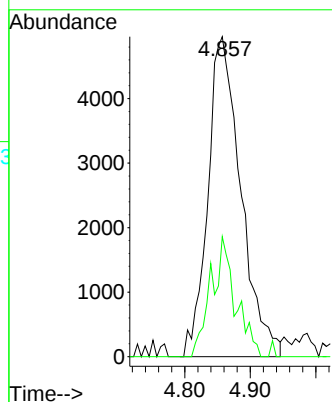
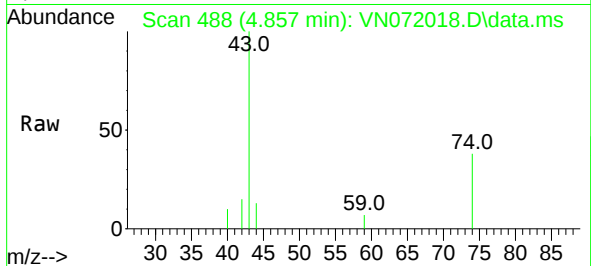




#18
Methyl Acetate
Concen: 0.751 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

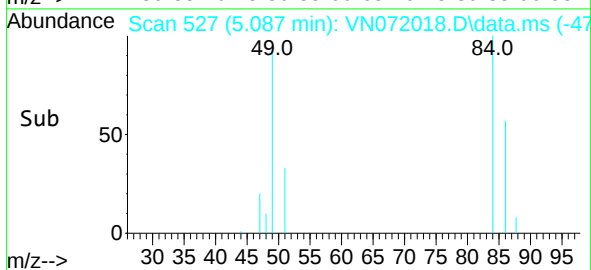
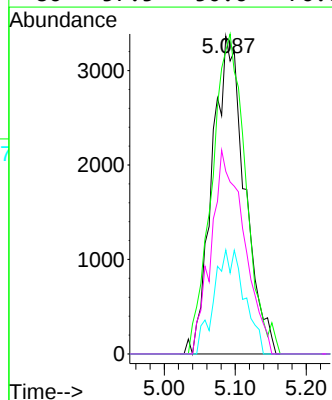
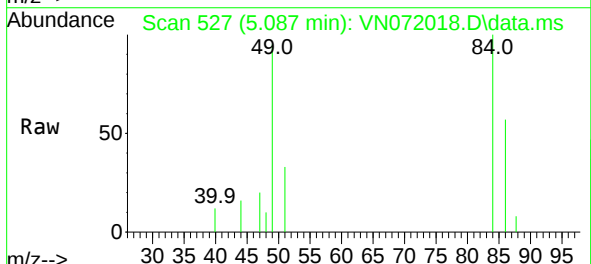
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

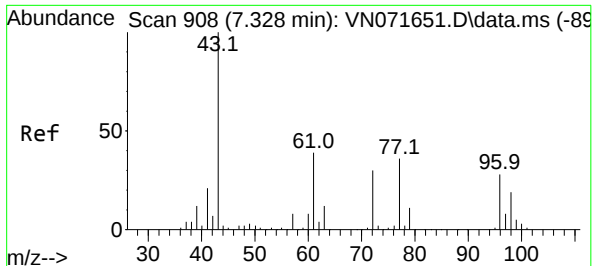
Tgt Ion: 43 Resp: 17324
Ion Ratio Lower Upper
43 100
74 27.9 21.6 32.4



#20
Methylene Chloride
Concen: 1.623 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion: 84 Resp: 10670
Ion Ratio Lower Upper
84 100
49 95.4 88.3 132.5
51 32.7 28.2 42.2
86 57.5 50.6 76.0





#25

2-Butanone

Concen: 0.824 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072018.D

Acq: 15 Apr 2022 22:03

Instrument :

MSVOA_N

ClientSampleId :

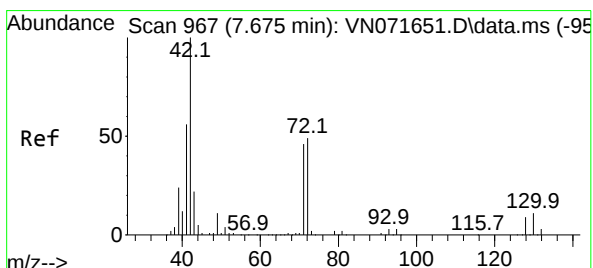
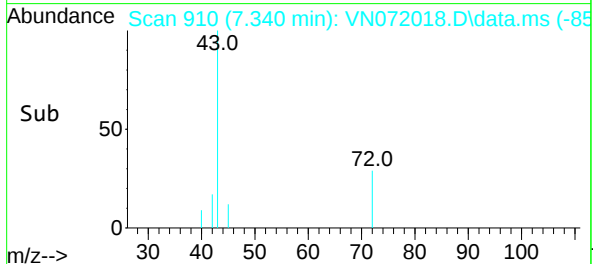
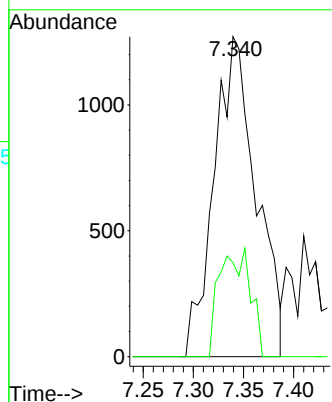
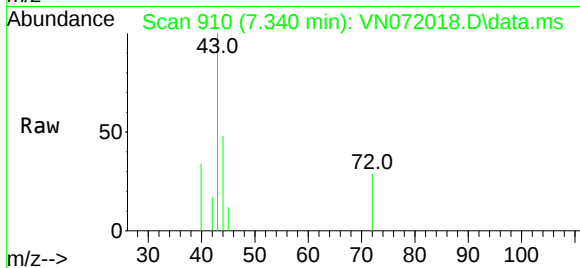
PB144101ZHE#06

Tgt Ion: 43 Resp: 3708

Ion Ratio Lower Upper

43 100

72 29.4 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.250 ug/l

RT: 7.692 min Scan# 970

Delta R.T. 0.017 min

Lab File: VN072018.D

Acq: 15 Apr 2022 22:03

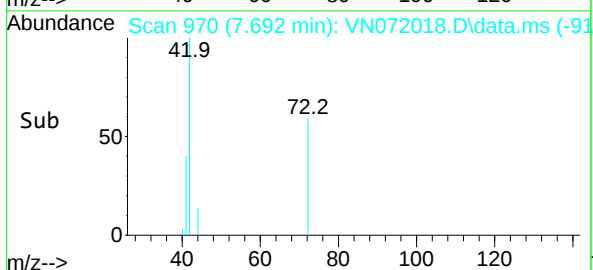
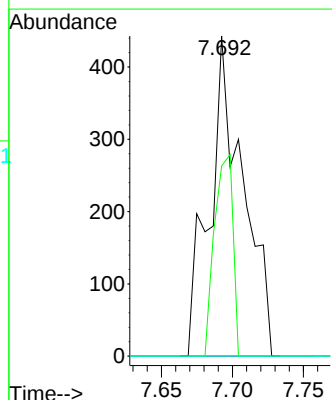
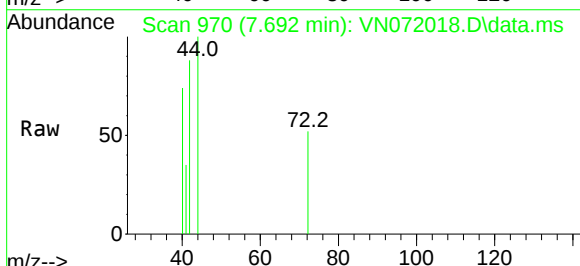
Tgt Ion: 42 Resp: 729

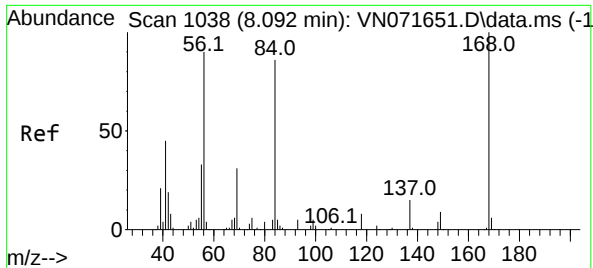
Ion Ratio Lower Upper

42 100

72 34.4 39.7 59.5#

71 0.0 36.6 55.0#

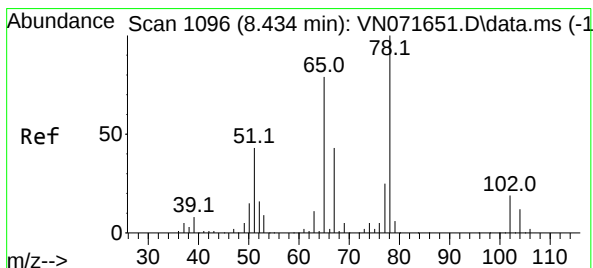
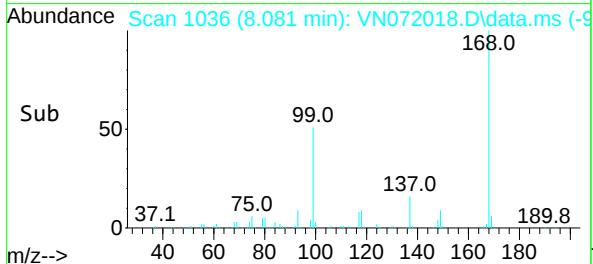
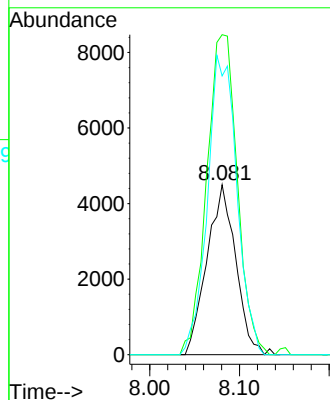
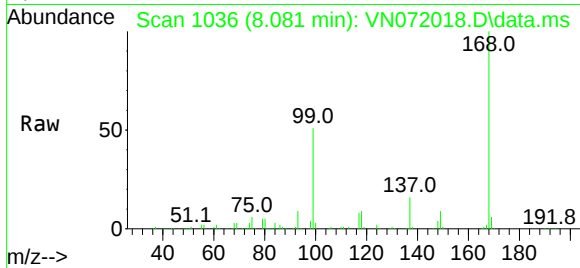




#31
Cyclohexane
Concen: 1.011 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

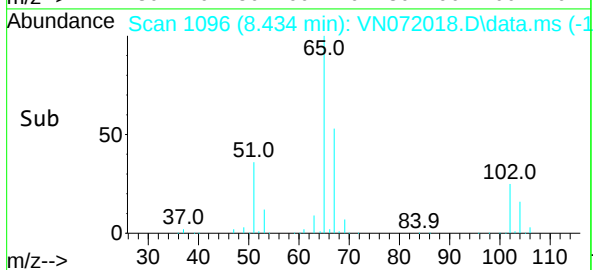
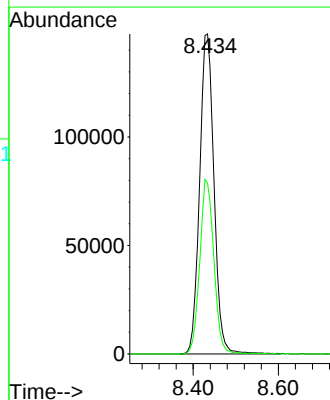
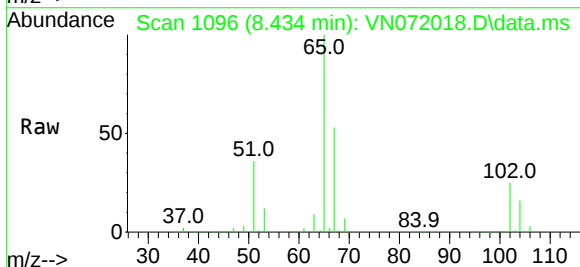
Instrument :
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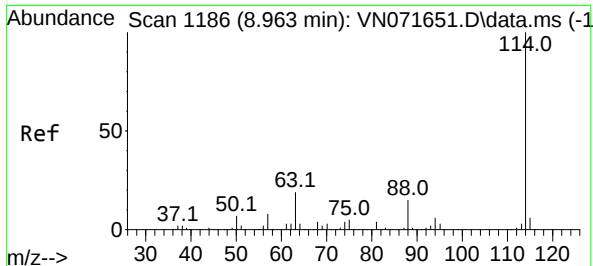
Tgt Ion: 56 Resp: 10035
Ion Ratio Lower Upper
56 100
69 188.3 27.8 41.8#
84 164.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.261 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion: 65 Resp: 345015
Ion Ratio Lower Upper
65 100
67 53.3 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: VN072018.D

Acq: 15 Apr 2022 22:03

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#06

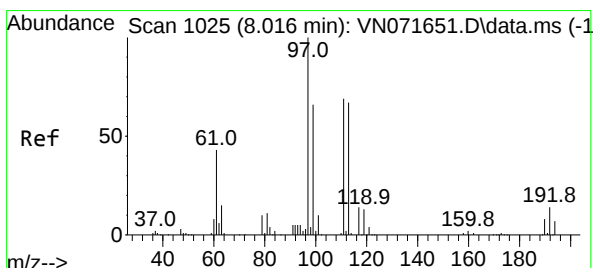
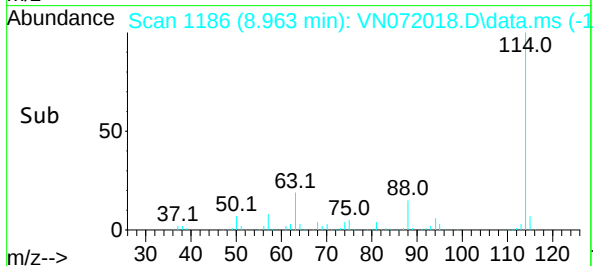
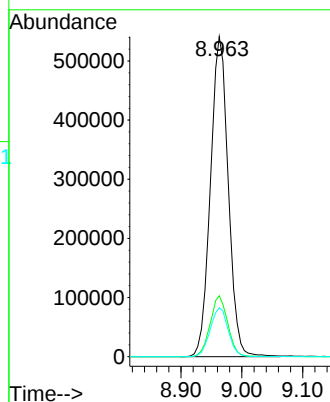
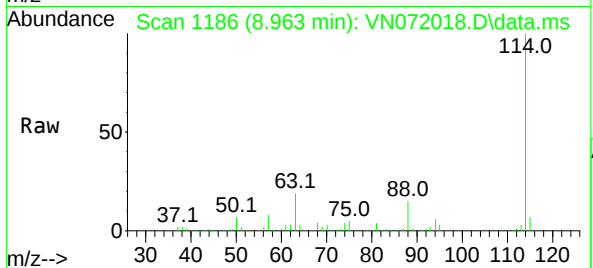
Tgt Ion:114 Resp: 1100397

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.575 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072018.D

Acq: 15 Apr 2022 22:03

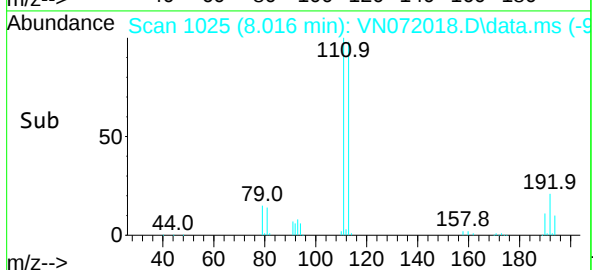
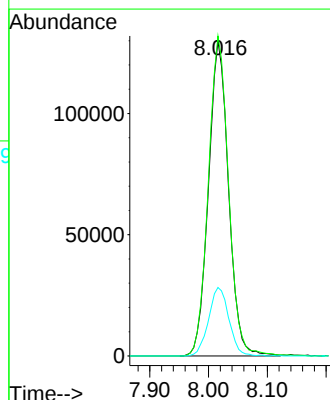
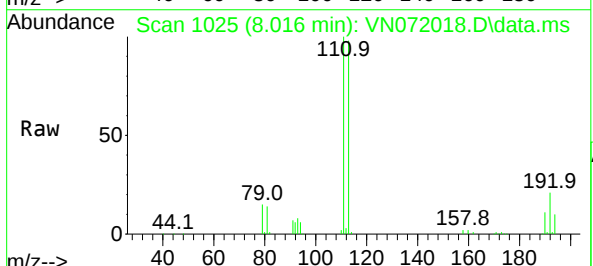
Tgt Ion:113 Resp: 308056

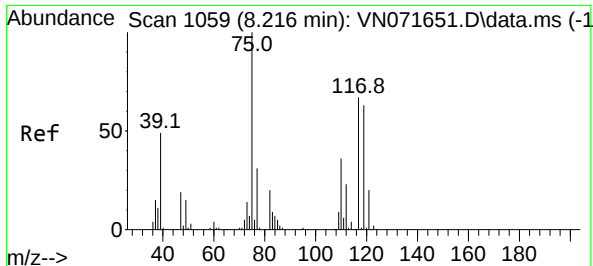
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 22.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.670 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072018.D

Acq: 15 Apr 2022 22:03

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#06

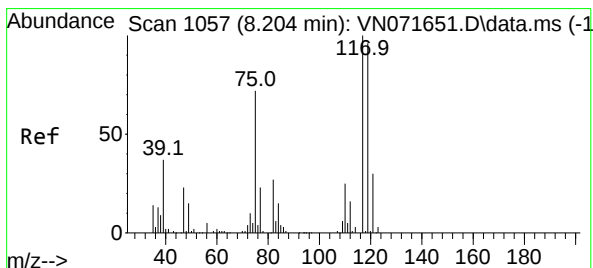
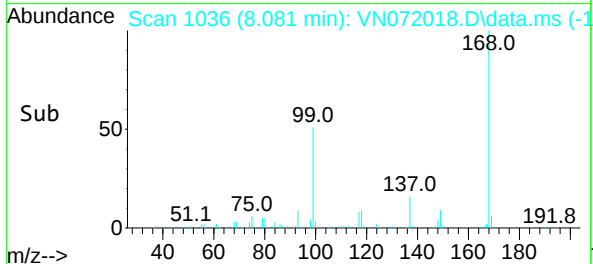
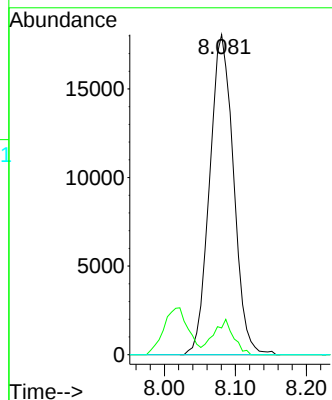
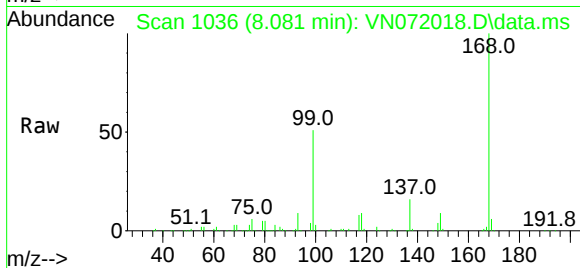
Tgt Ion: 75 Resp: 42226

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.424 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN072018.D

Acq: 15 Apr 2022 22:03

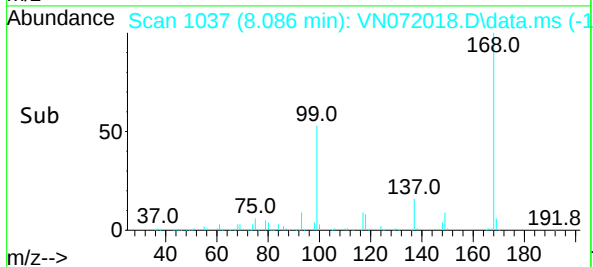
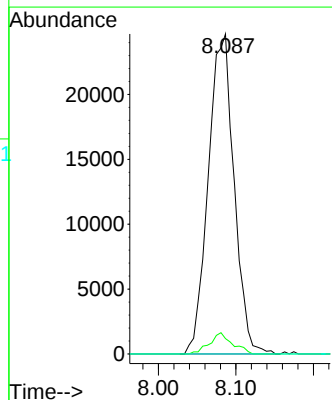
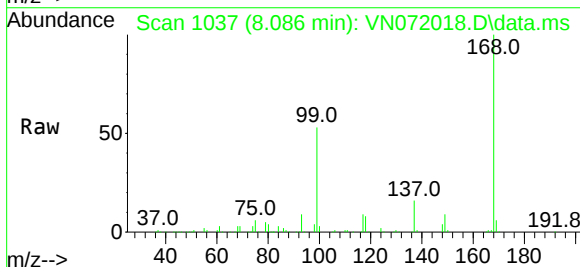
Tgt Ion: 117 Resp: 56930

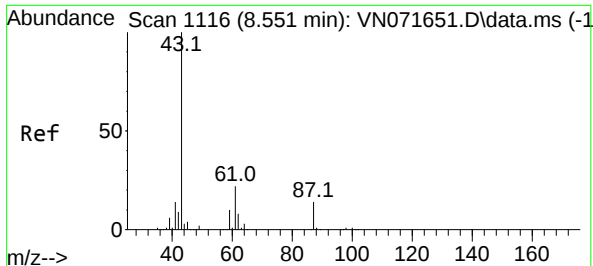
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 6.673 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN072018.D

Acq: 15 Apr 2022 22:03

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#06

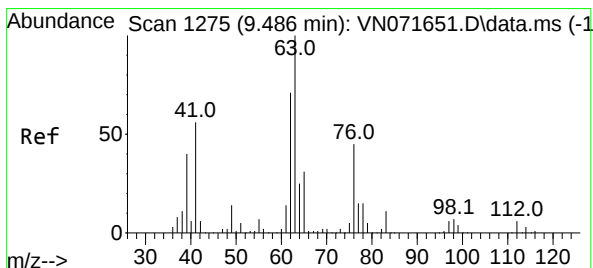
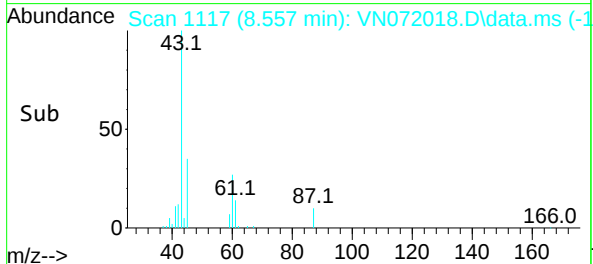
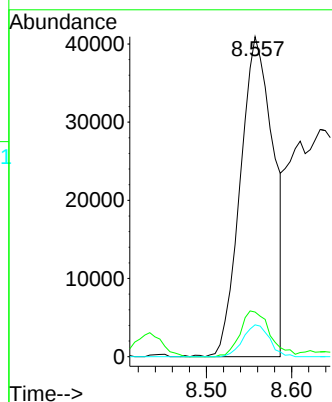
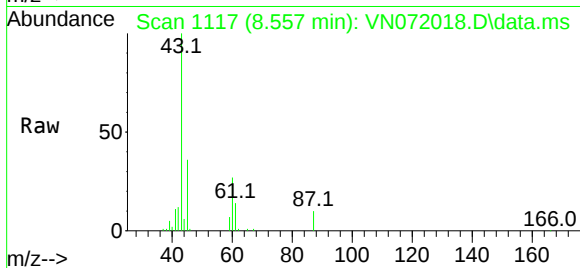
Tgt Ion: 43 Resp: 109846

Ion Ratio Lower Upper

43 100

61 12.9 21.9 32.9#

87 8.0 12.0 18.0#



#45

1,2-Dichloropropane

Concen: 0.716 ug/l

RT: 9.616 min Scan# 1297

Delta R.T. 0.130 min

Lab File: VN072018.D

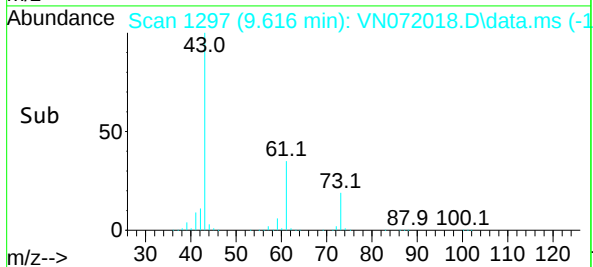
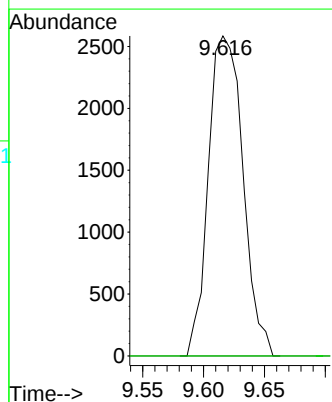
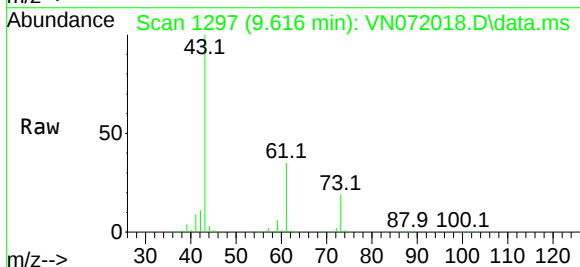
Acq: 15 Apr 2022 22:03

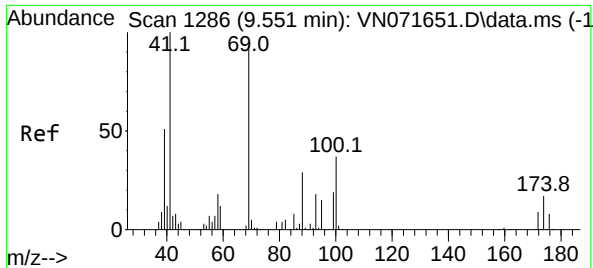
Tgt Ion: 63 Resp: 5107

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#

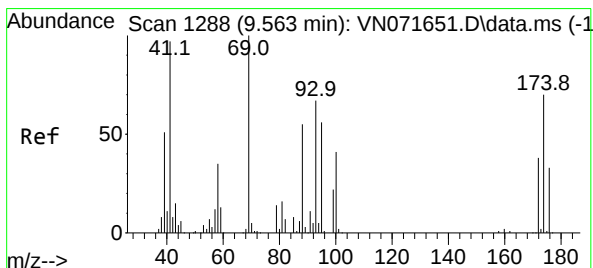
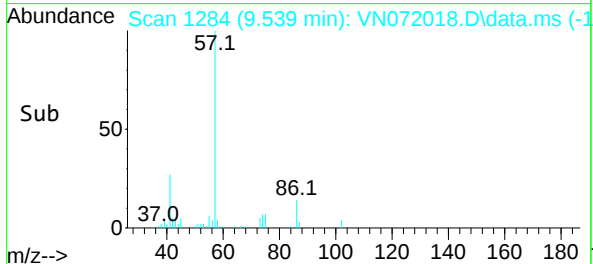
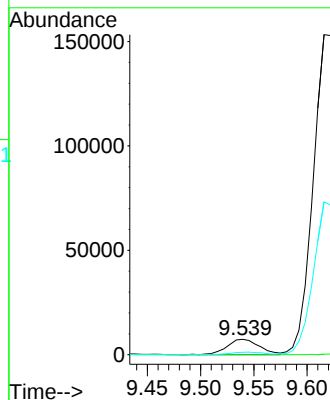
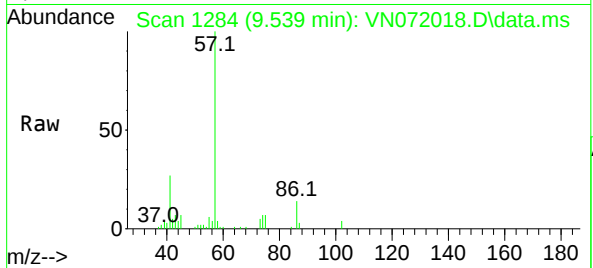




#48
Methyl methacrylate
Concen: 2.283 ug/l
RT: 9.539 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

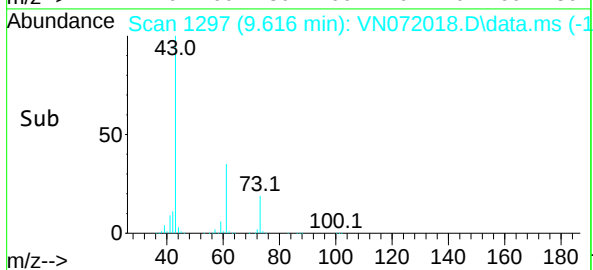
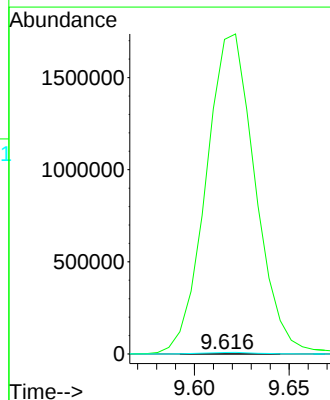
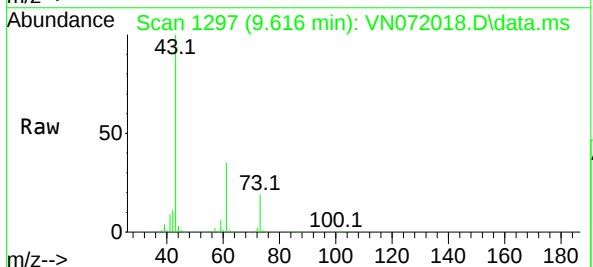
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

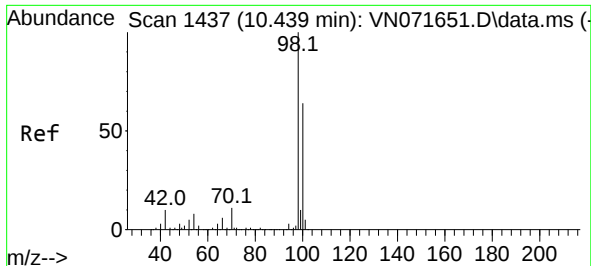
Tgt Ion: 41 Resp: 15592
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.616 min Scan# 1297
Delta R.T. 0.053 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion: 88 Resp: 619
Ion Ratio Lower Upper
88 100
43 512369.6 20.2 30.4#
58 2572.9 54.2 81.4#

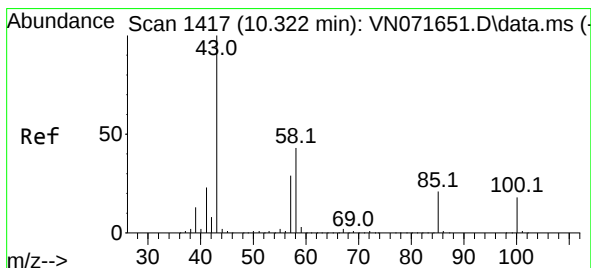
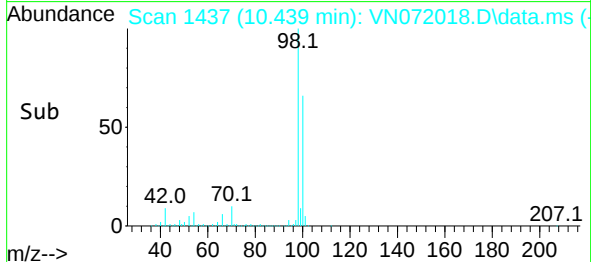
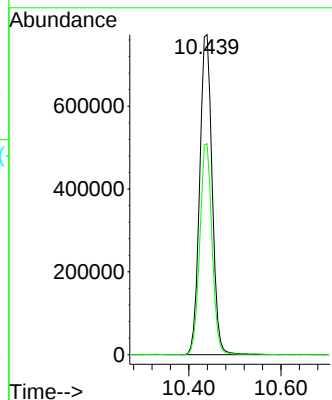
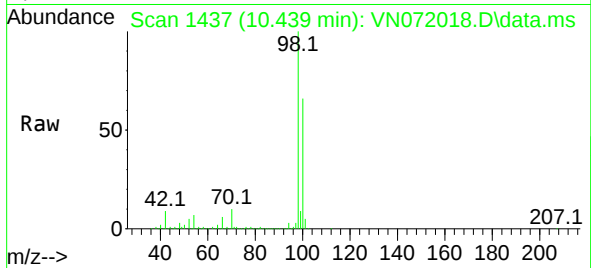




#50
Toluene-d8
Concen: 54.889 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

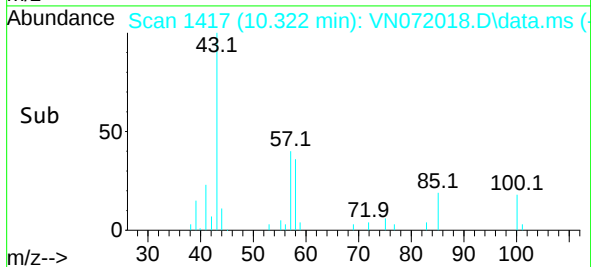
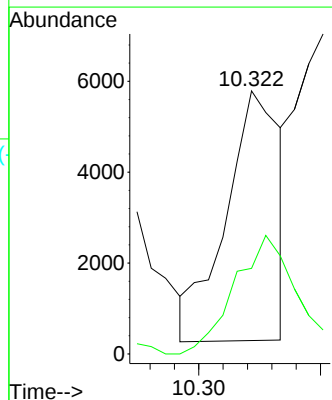
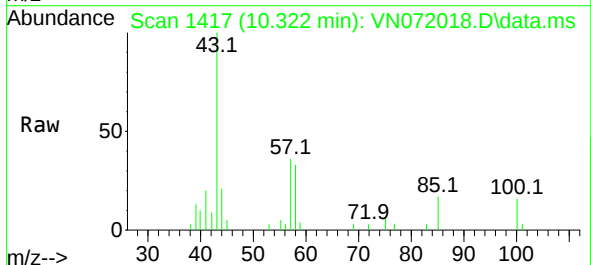
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

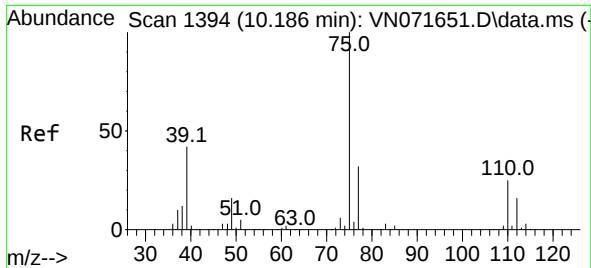
Tgt Ion: 98 Resp: 1453926
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.897 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion: 43 Resp: 8494
Ion Ratio Lower Upper
43 100
58 53.9 34.1 51.1#

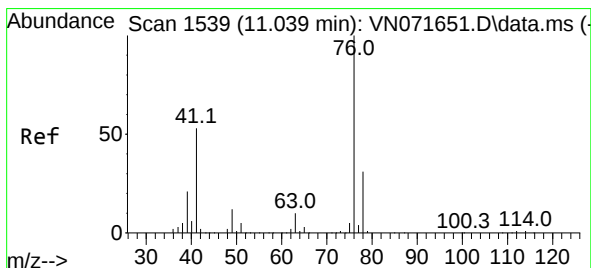
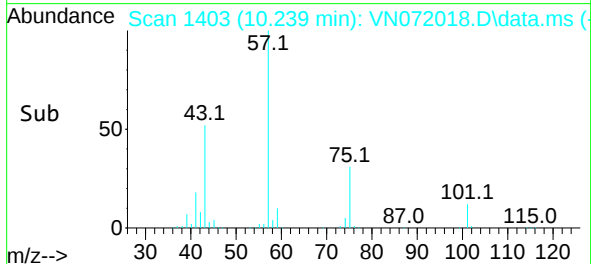
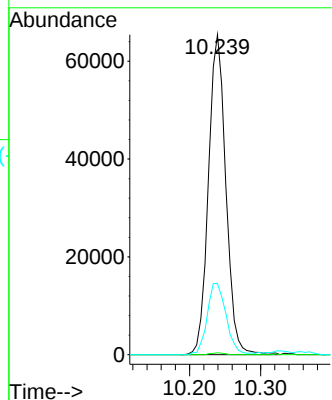
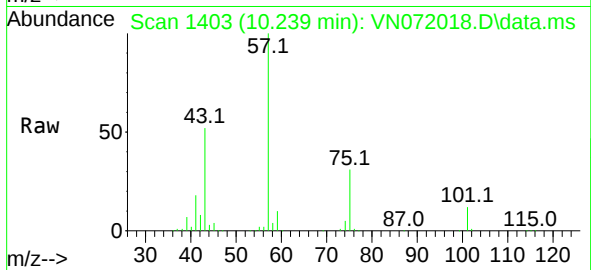




#54
cis-1,3-Dichloropropene
Concen: 10.109 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

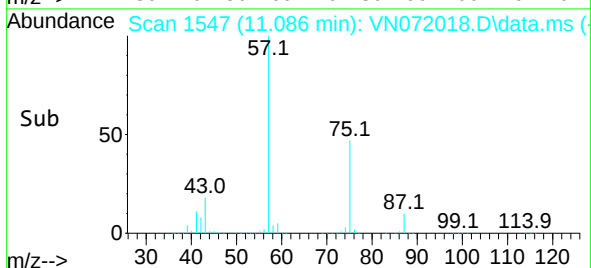
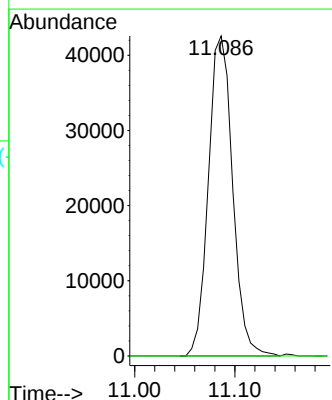
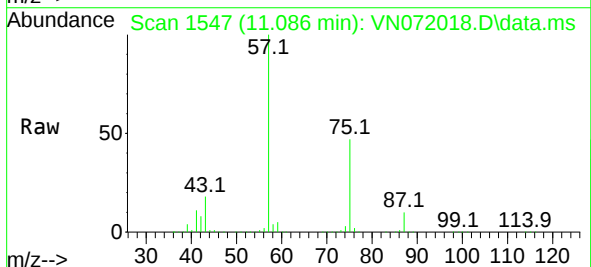
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

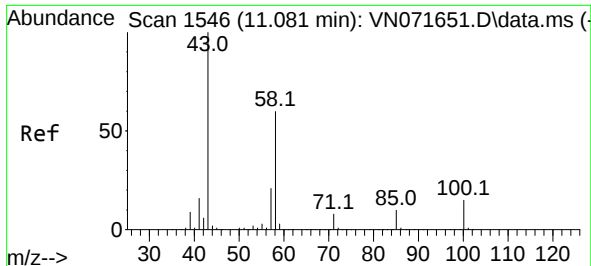
Tgt Ion: 75 Resp: 111649
Ion Ratio Lower Upper
75 100
77 0.6 25.2 37.8#
39 22.2 35.7 53.5#



#57
1,3-Dichloropropane
Concen: 5.760 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion: 76 Resp: 71567
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

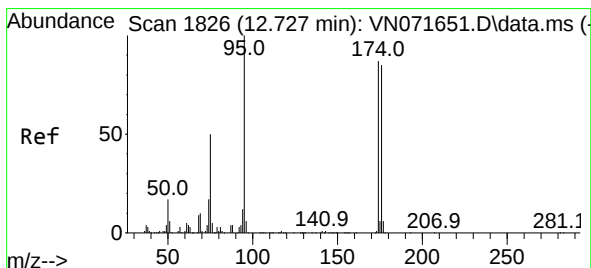
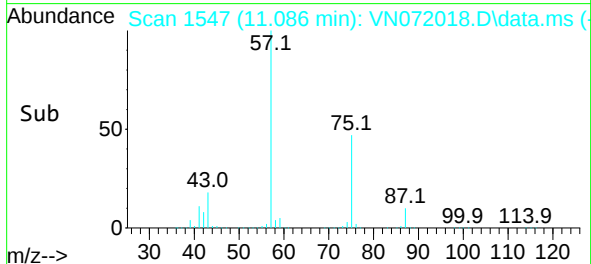
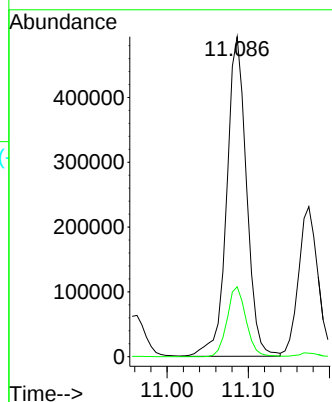
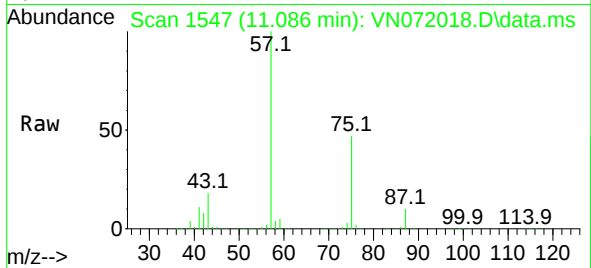




#59
2-Hexanone
Concen: 125.524 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

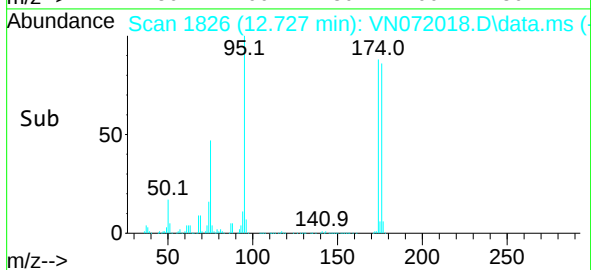
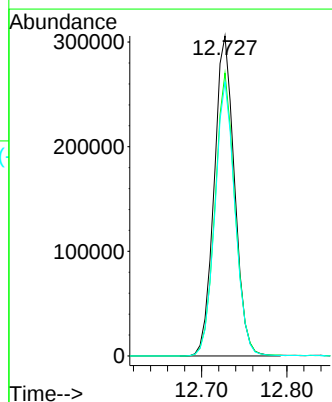
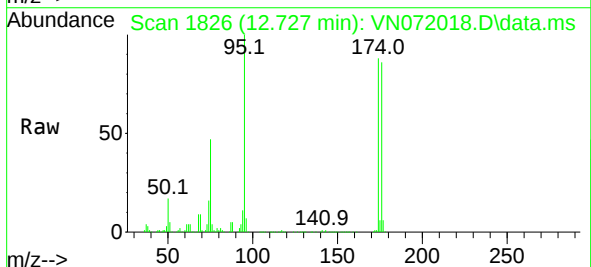
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

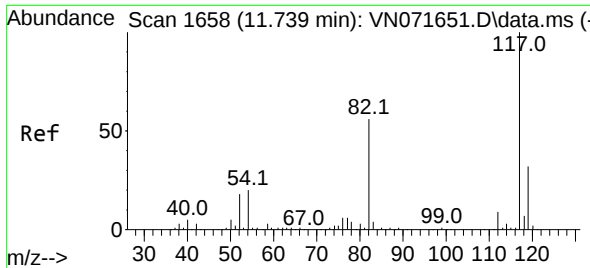
Tgt Ion: 43 Resp: 836454
Ion Ratio Lower Upper
43 100
58 21.0 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 59.259 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion: 95 Resp: 507662
Ion Ratio Lower Upper
95 100
174 86.5 0.0 167.6
176 84.2 0.0 163.4

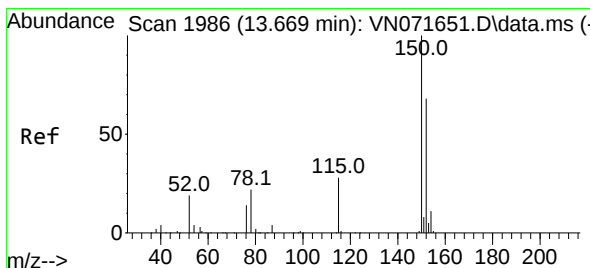
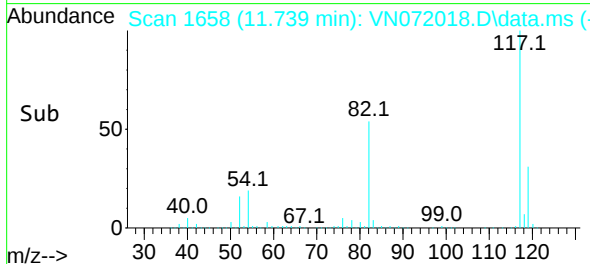
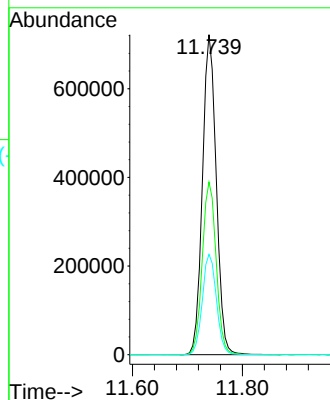
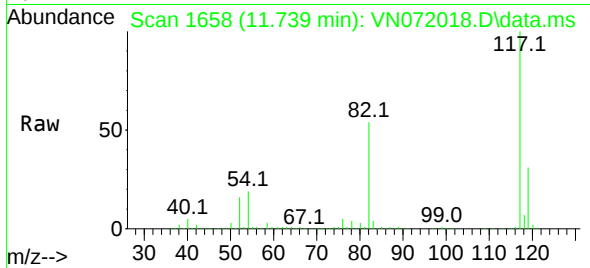




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

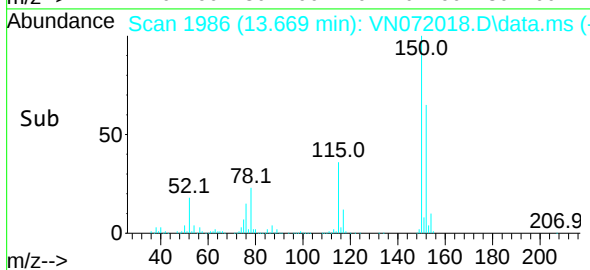
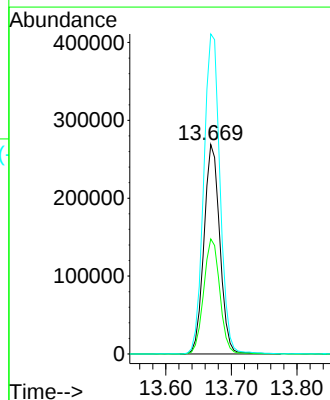
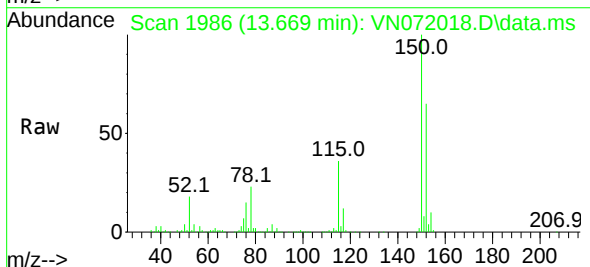
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

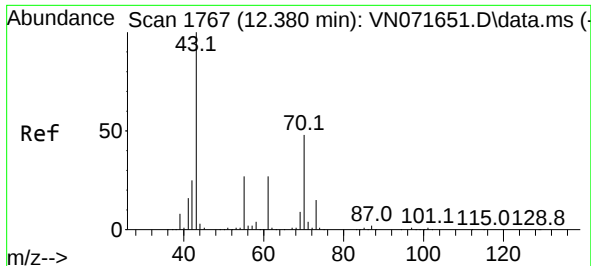
Tgt Ion:117 Resp: 1259814
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

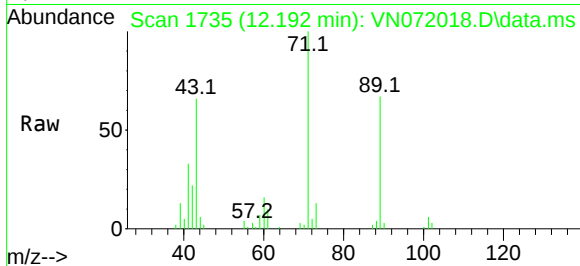
Tgt Ion:152 Resp: 453269
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 157.0 0.0 356.2



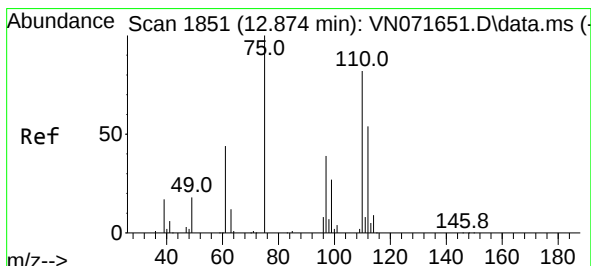
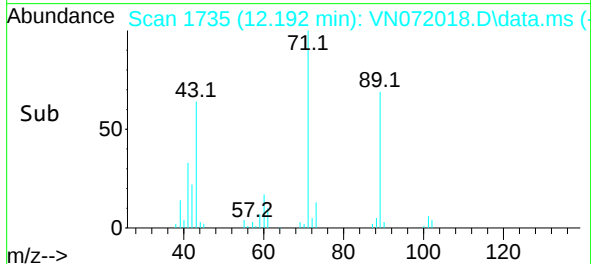
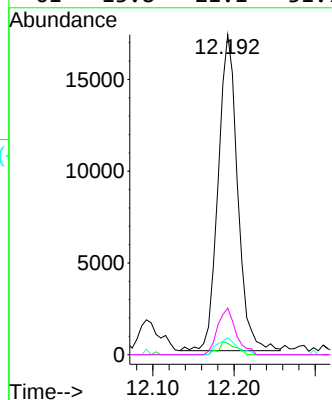


#74
N-amy1 acetate
Concen: 2.629 ug/l
RT: 12.192 min Scan# 11
Delta R.T. -0.188 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

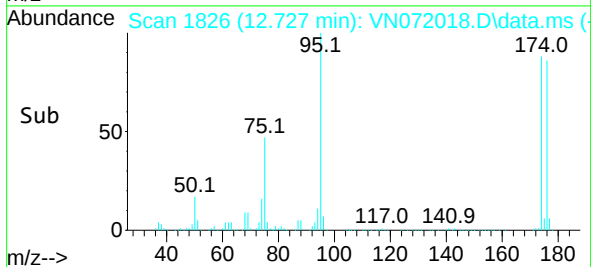
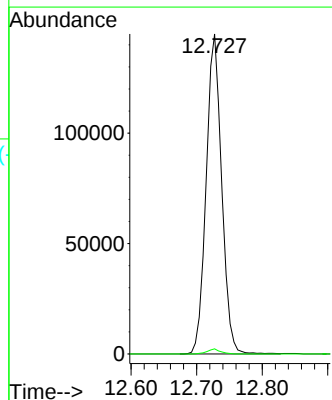
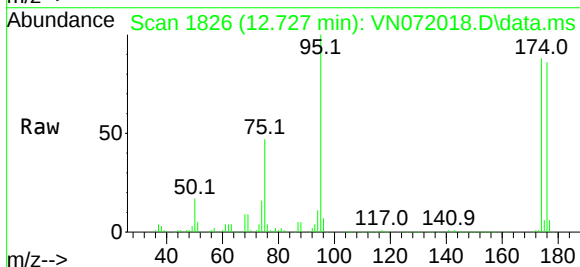


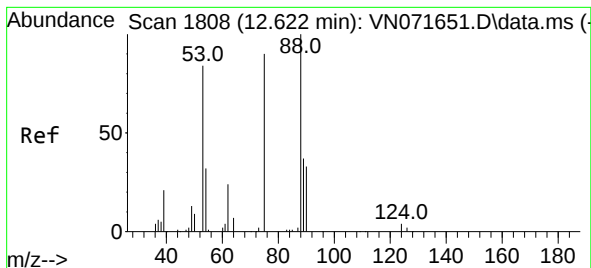
Tgt Ion: 43	Resp: 28766
Ion Ratio	Lower Upper
43 100	
70 3.5	39.0 58.4#
55 5.4	21.1 31.7#
61 13.8	21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 22.705 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion: 75	Resp: 238406
Ion Ratio	Lower Upper
75 100	
77 1.3	98.5 295.5#

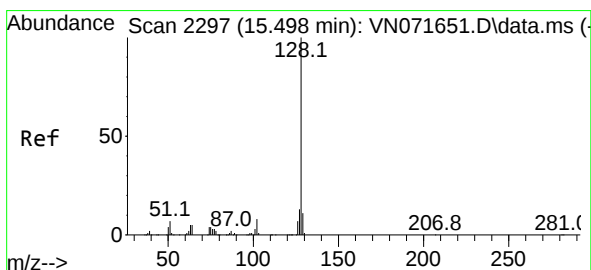
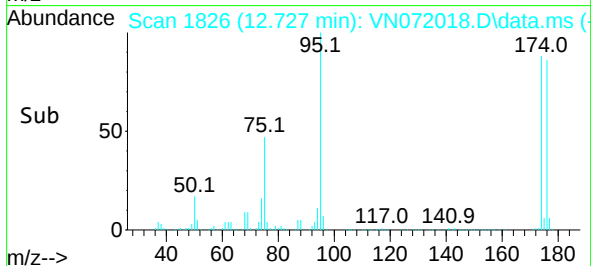
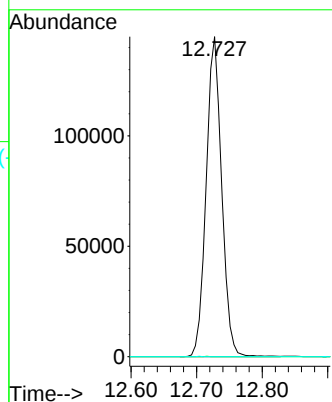
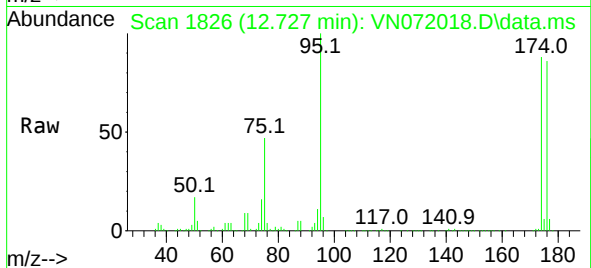




#81
trans-1,4-Dichloro-2-butene
Concen: 70.361 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.105 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#06

Tgt Ion: 75 Resp: 238406
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.815 ug/l
RT: 15.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: VN072018.D
Acq: 15 Apr 2022 22:03

Tgt Ion:128 Resp: 270
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

