

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072024.D
 Acq On : 16 Apr 2022 00:28
 Operator : JC\MD
 Sample : PB144101ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB144101ZHE#12

Quant Time: Apr 16 01:12:55 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)

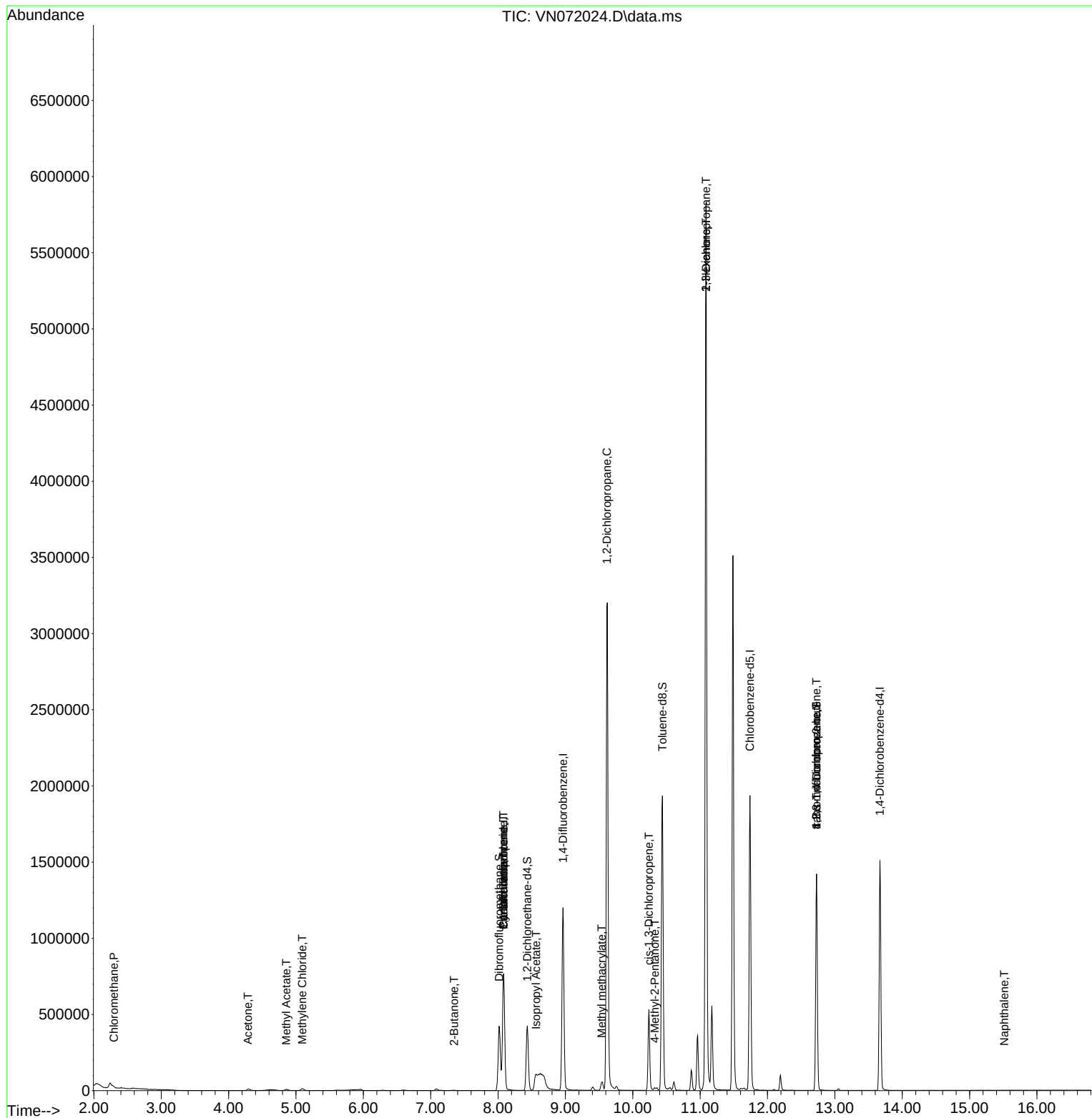
Internal Standards						
1) Pentafluorobenzene	8.081	168	642986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1110897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1207519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	454510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	347825	47.385	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.760%
35) Dibromofluoromethane	8.016	113	312898	47.866	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.740%
50) Toluene-d8	10.439	98	1430833	53.506	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.727	95	503634	58.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.460%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1685	0.260	ug/l #	79
16) Acetone	4.287	43	16987	5.415	ug/l	98
18) Methyl Acetate	4.857	43	16817	0.671	ug/l	97
20) Methylene Chloride	5.093	84	10999	1.663	ug/l	92
25) 2-Butanone	7.345	43	3773	0.834	ug/l	95
31) Cyclohexane	8.081	56	10659	1.068	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	42016	4.603	ug/l #	49
38) Carbon Tetrachloride	8.081	117	56858	6.355	ug/l #	16
43) Isopropyl Acetate	8.563	43	158425	9.533	ug/l #	69
45) 1,2-Dichloropropane	9.616	63	4530	0.629	ug/l #	44
48) Methyl methacrylate	9.539	41	14387	2.087	ug/l #	10
49) 1,4-Dioxane	9.622	88	579	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.328	43	9824	1.028	ug/l	99
54) cis-1,3-Dichloropropene	10.239	75	106901	9.588	ug/l #	58
57) 1,3-Dichloropropane	11.086	76	66544	5.305	ug/l #	43
59) 2-Hexanone	11.086	43	776196	115.381	ug/l #	49
76) 1,2,3-Trichloropropane	12.727	75	238989	22.698	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	238989	70.340	ug/l #	10
95) Naphthalene	15.515	128	204	3.812	ug/l #	69

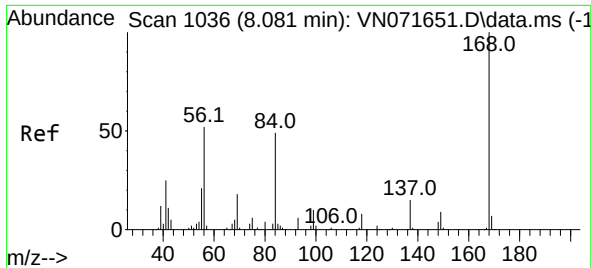
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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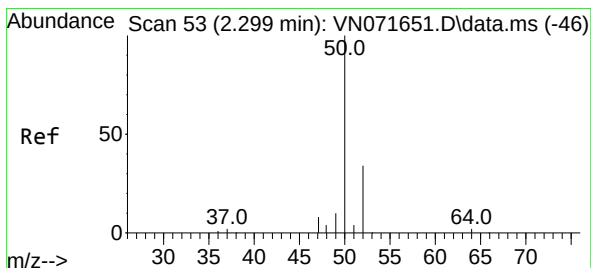
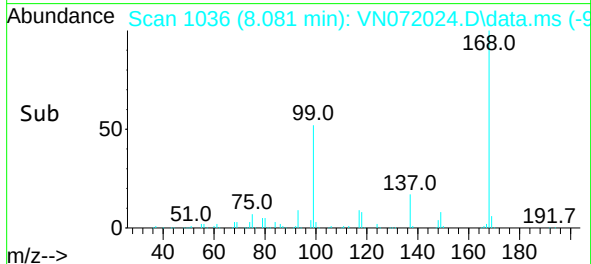
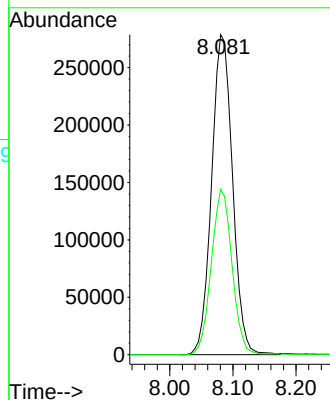
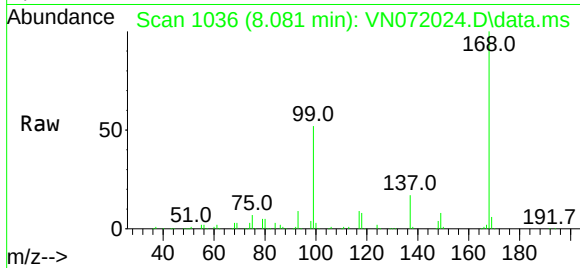




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

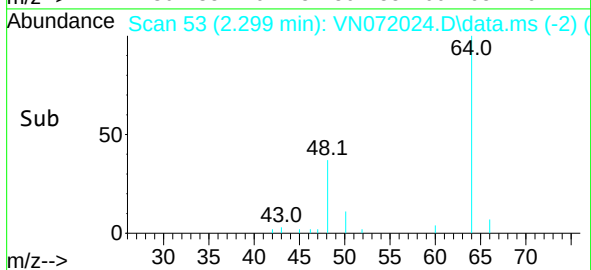
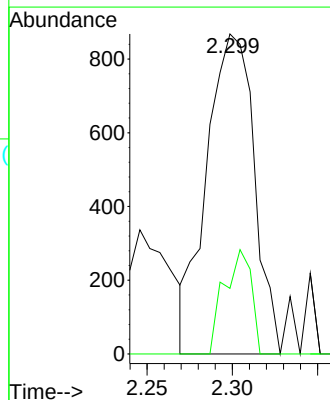
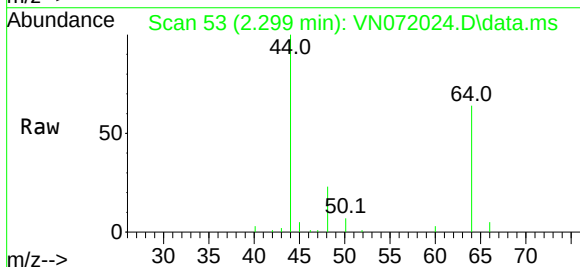
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#12

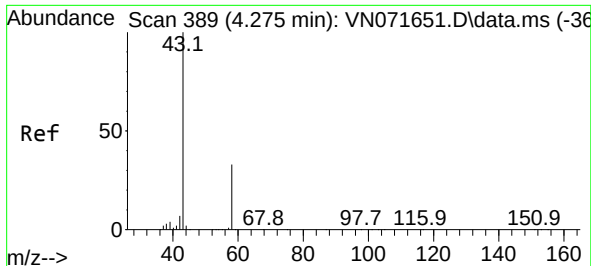
Tgt Ion:168 Resp: 642986
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#3
Chloromethane
Concen: 0.260 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

Tgt Ion: 50 Resp: 1685
Ion Ratio Lower Upper
50 100
52 20.5 25.7 38.5#

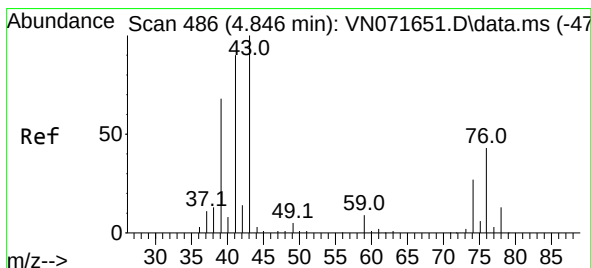
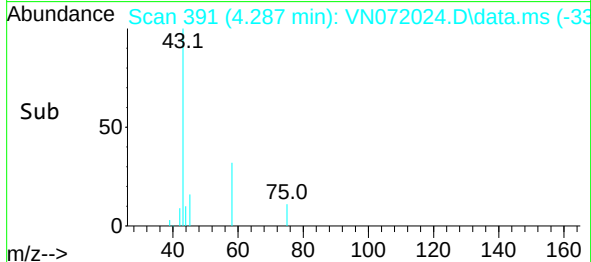
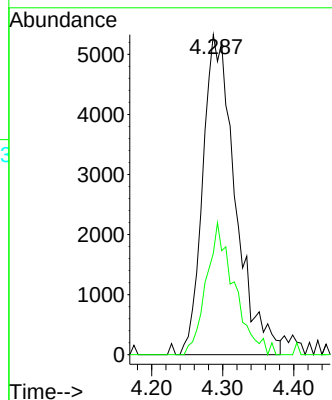
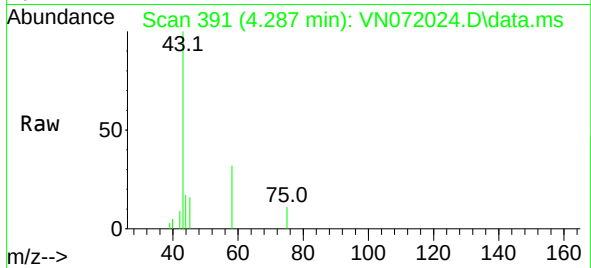




#16
Acetone
Concen: 5.415 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

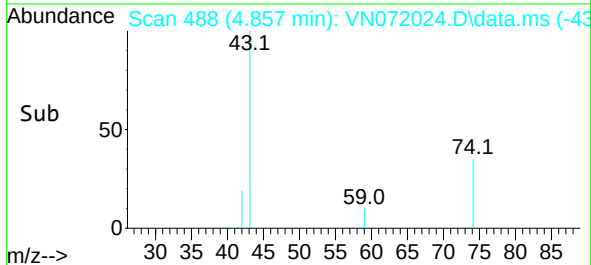
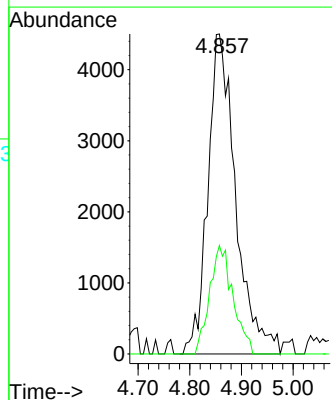
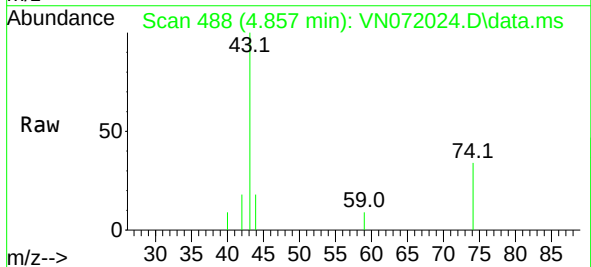
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#12

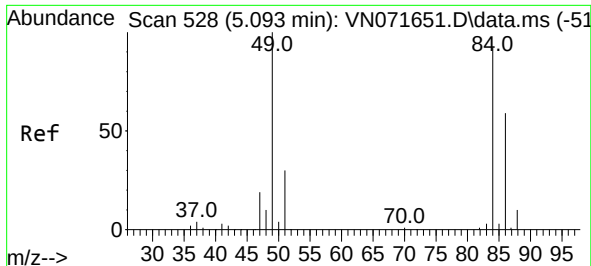
Tgt Ion: 43 Resp: 16987
Ion Ratio Lower Upper
43 100
58 31.6 26.0 39.0



#18
Methyl Acetate
Concen: 0.671 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

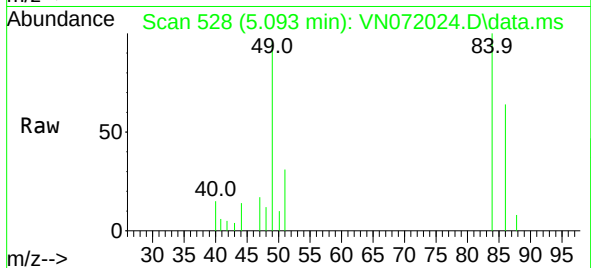
Tgt Ion: 43 Resp: 16817
Ion Ratio Lower Upper
43 100
74 28.4 21.6 32.4





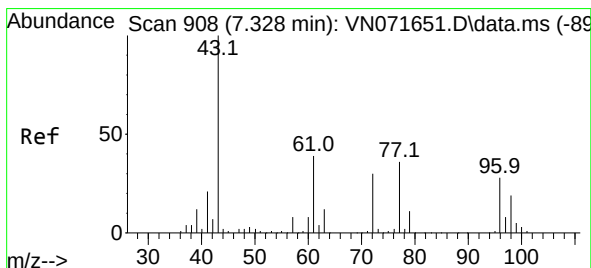
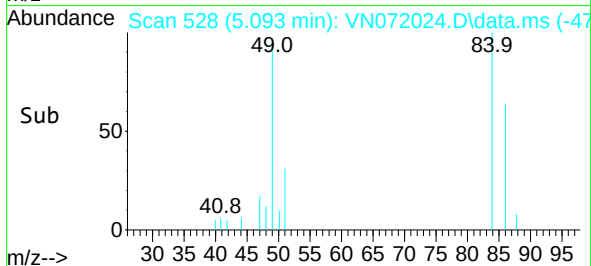
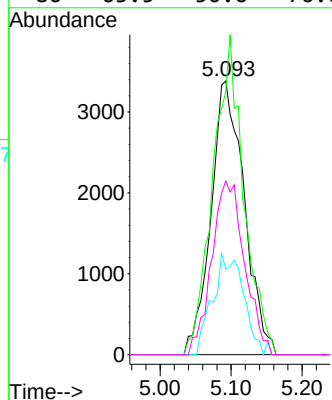
#20
Methylene Chloride
Concen: 1.663 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#12



Tgt Ion: 84 Resp: 10999

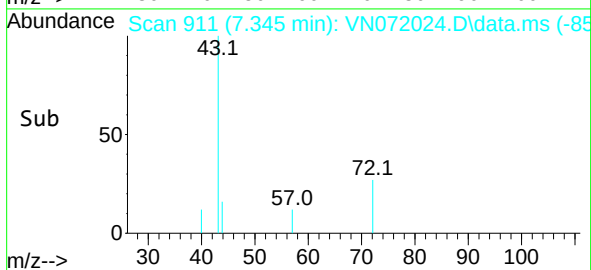
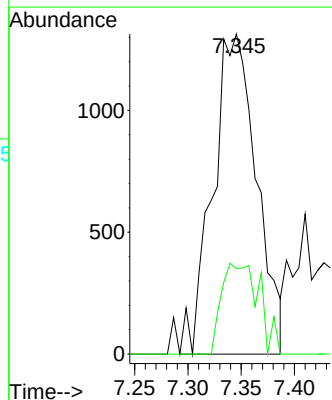
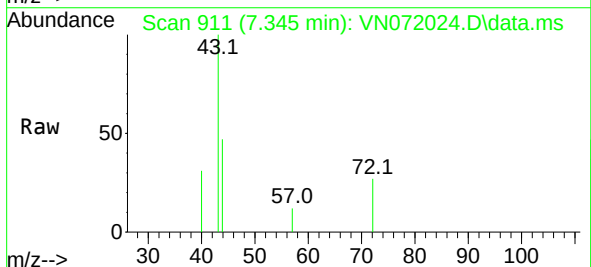
Ion	Ratio	Lower	Upper
84	100		
49	96.2	88.3	132.5
51	31.3	28.2	42.2
86	63.5	50.6	76.0

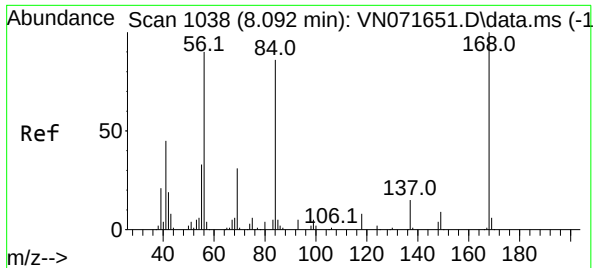


#25
2-Butanone
Concen: 0.834 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

Tgt Ion: 43 Resp: 3773

Ion	Ratio	Lower	Upper
43	100		
72	26.8	23.7	35.5

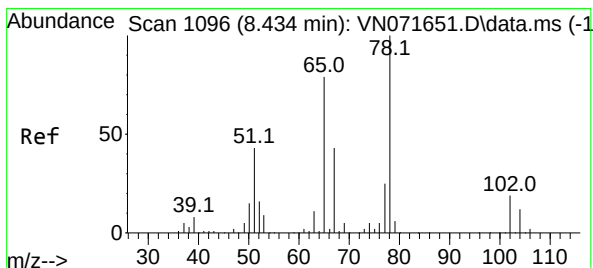
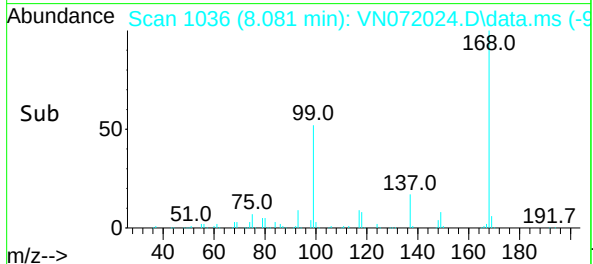
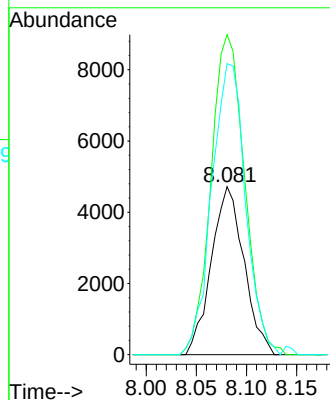
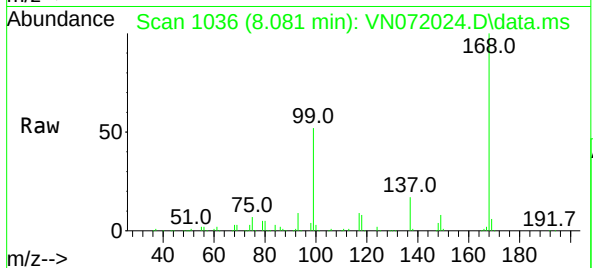




#31
Cyclohexane
Concen: 1.068 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

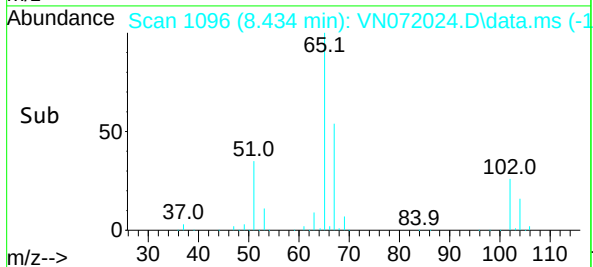
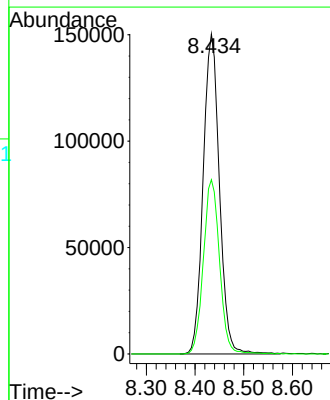
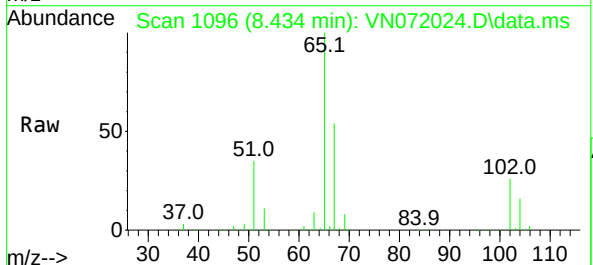
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#12

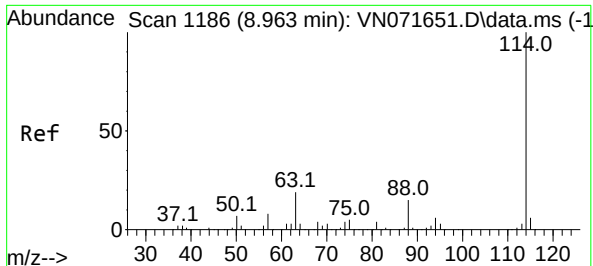
Tgt Ion: 56 Resp: 10659
Ion Ratio Lower Upper
56 100
69 190.5 27.8 41.8#
84 173.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.385 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

Tgt Ion: 65 Resp: 347825
Ion Ratio Lower Upper
65 100
67 54.1 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: VN072024.D

Acq: 16 Apr 2022 00:28

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#12

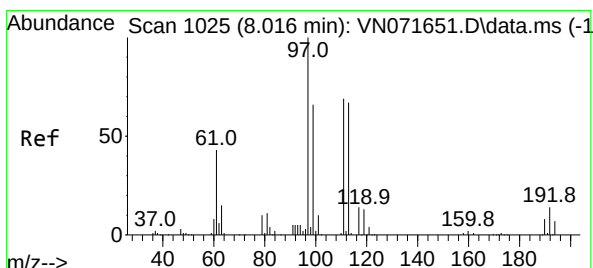
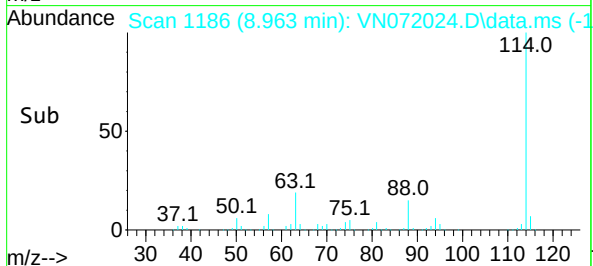
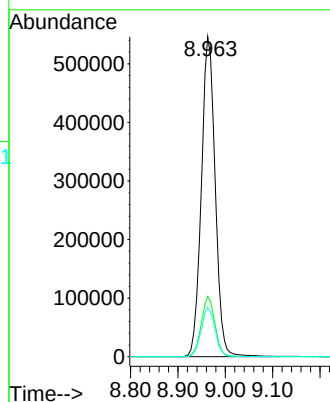
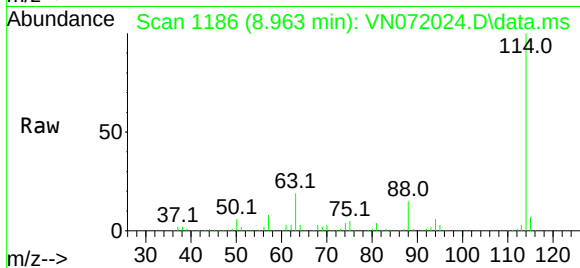
Tgt Ion:114 Resp: 1110897

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.866 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072024.D

Acq: 16 Apr 2022 00:28

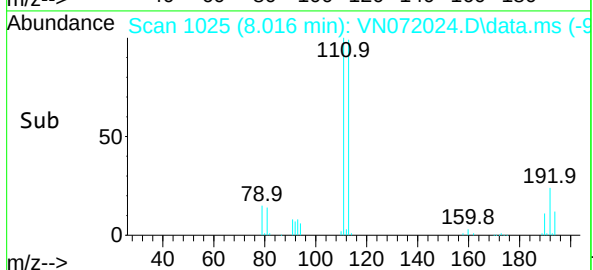
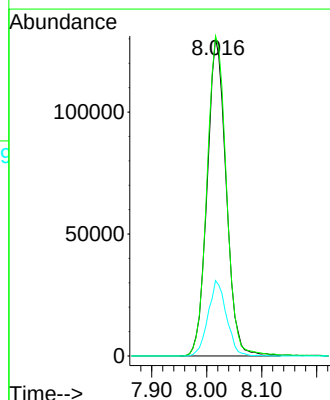
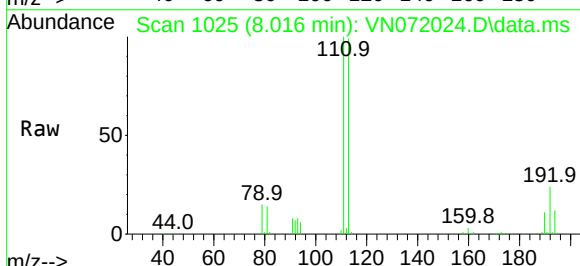
Tgt Ion:113 Resp: 312898

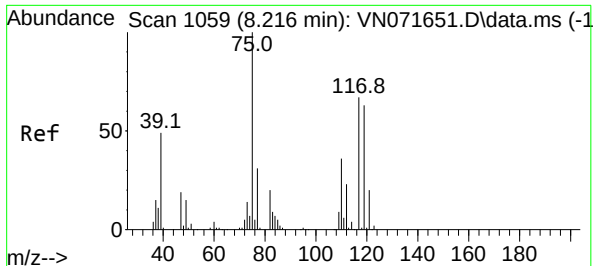
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 23.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.603 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072024.D

Acq: 16 Apr 2022 00:28

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#12

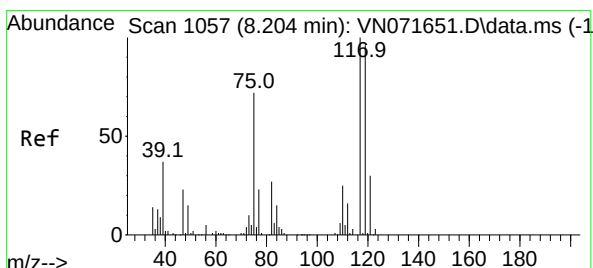
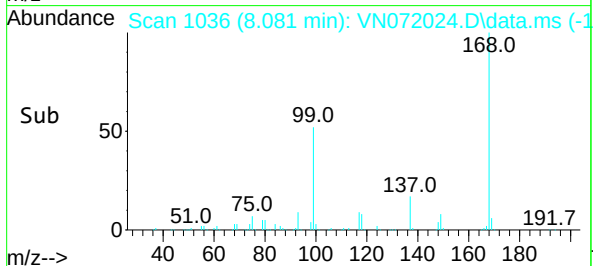
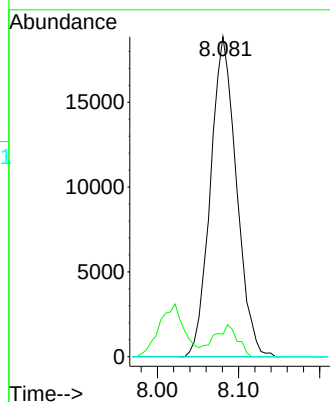
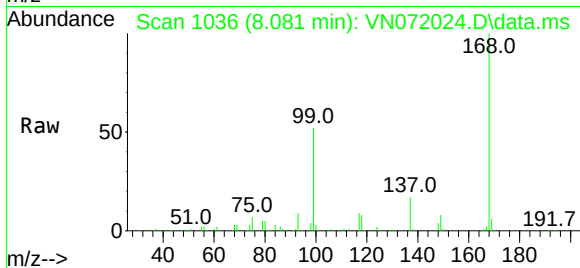
Tgt Ion: 75 Resp: 42016

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.355 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072024.D

Acq: 16 Apr 2022 00:28

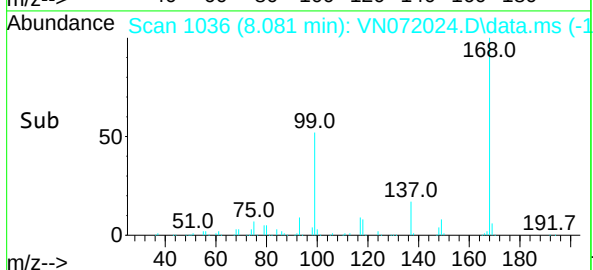
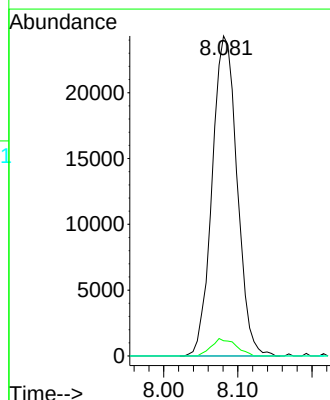
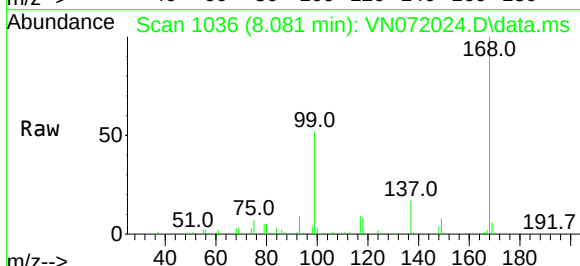
Tgt Ion: 117 Resp: 56858

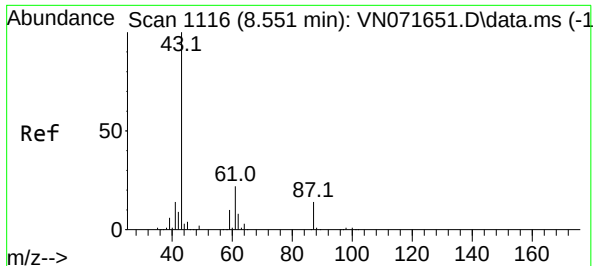
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

121 0.0 24.6 37.0#

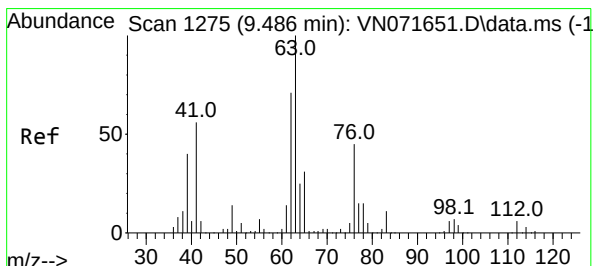
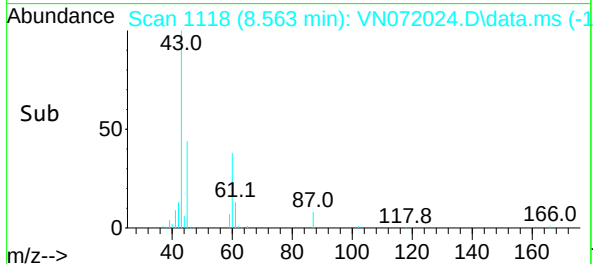
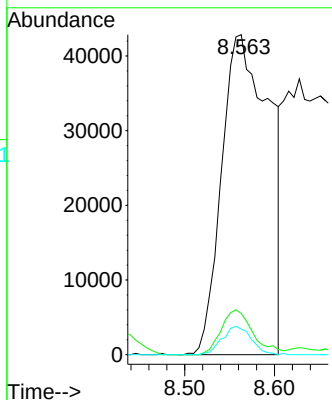
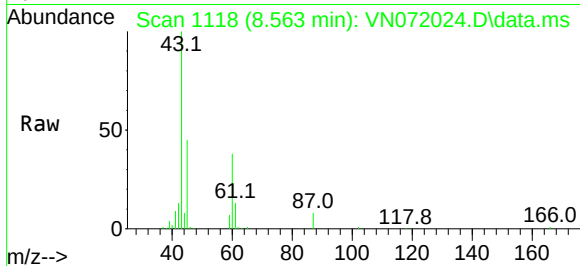




#43
Isopropyl Acetate
Concen: 9.533 ug/l
RT: 8.563 min Scan# 1116
Delta R.T. 0.012 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

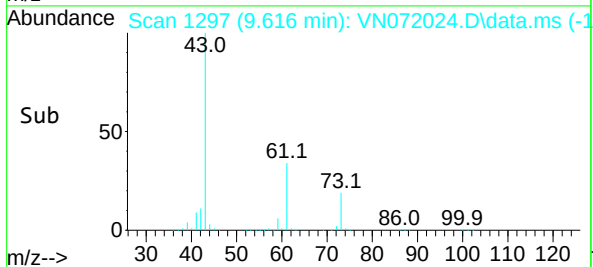
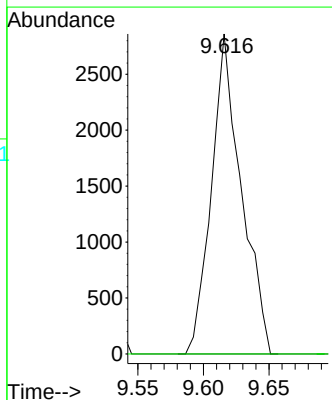
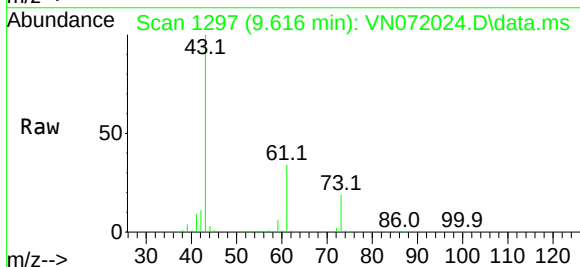
Instrument :
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PB144101ZHE#12

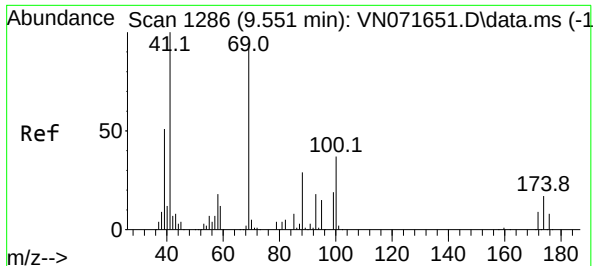
Tgt Ion: 43 Resp: 158425
Ion Ratio Lower Upper
43 100
61 9.4 21.9 32.9#
87 5.4 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.629 ug/l
RT: 9.616 min Scan# 1297
Delta R.T. 0.130 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

Tgt Ion: 63 Resp: 4530
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#





#48

Methyl methacrylate

Concen: 2.087 ug/l

RT: 9.539 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN072024.D

Acq: 16 Apr 2022 00:28

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#12

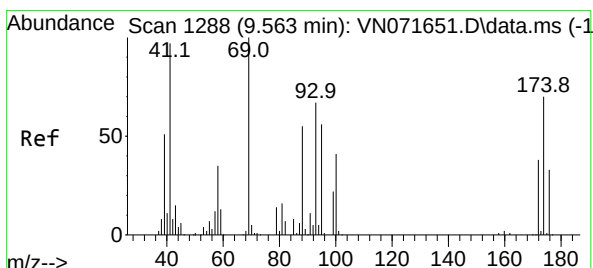
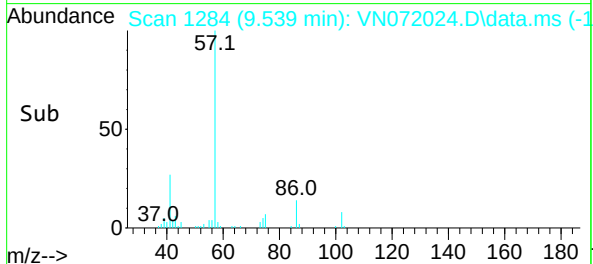
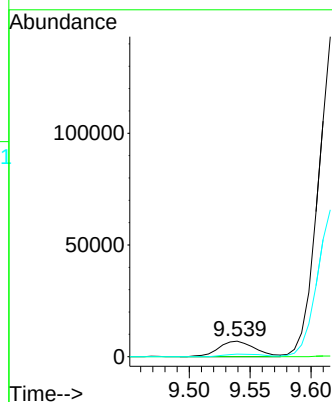
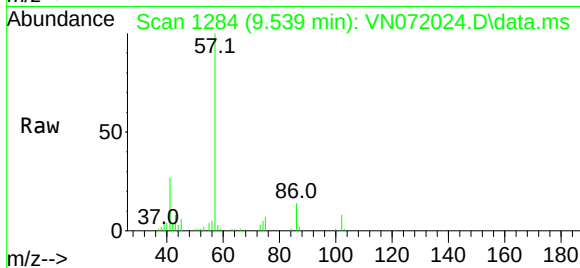
Tgt Ion: 41 Resp: 14387

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: 9.622 min Scan# 1298

Delta R.T. 0.059 min

Lab File: VN072024.D

Acq: 16 Apr 2022 00:28

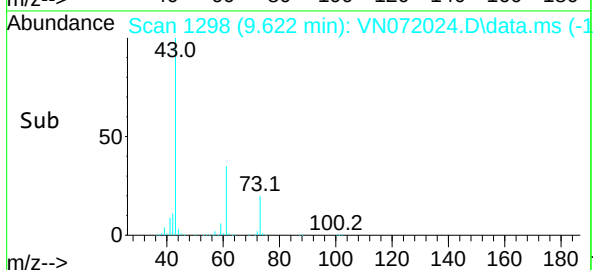
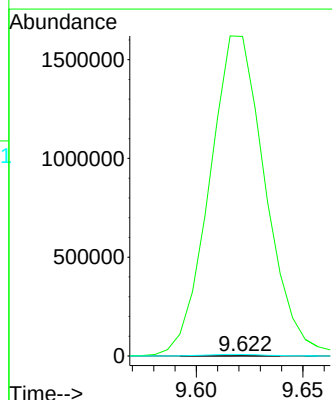
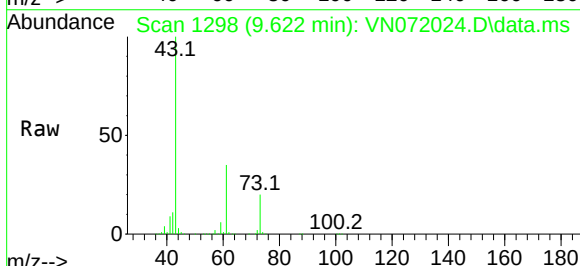
Tgt Ion: 88 Resp: 579

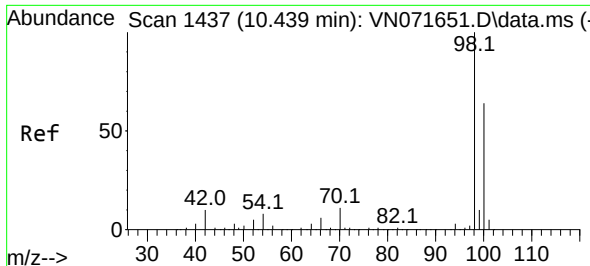
Ion Ratio Lower Upper

88 100

43 521190.5 20.2 30.4#

58 2778.8 54.2 81.4#

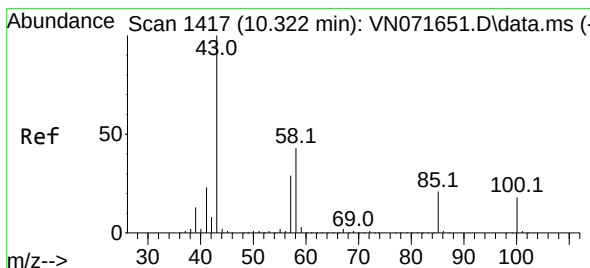
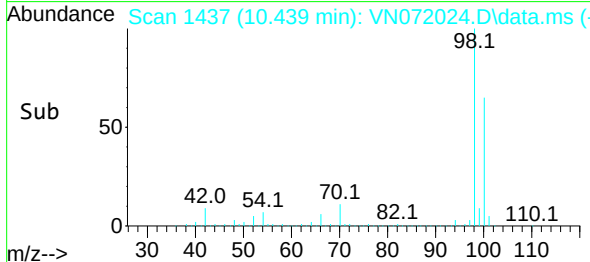
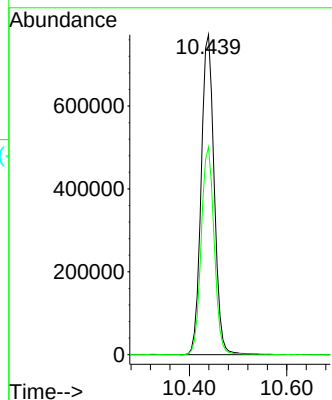
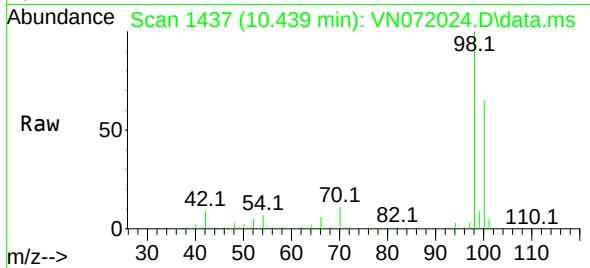




#50
Toluene-d8
Concen: 53.506 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

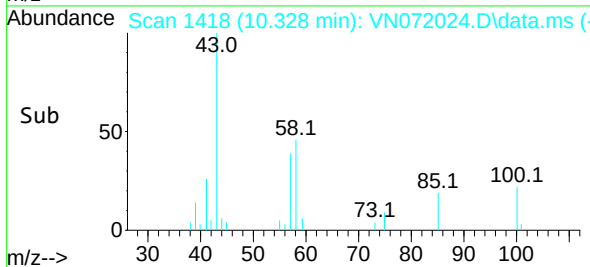
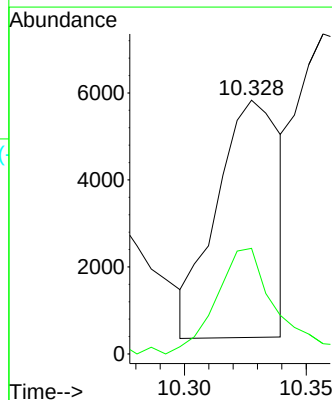
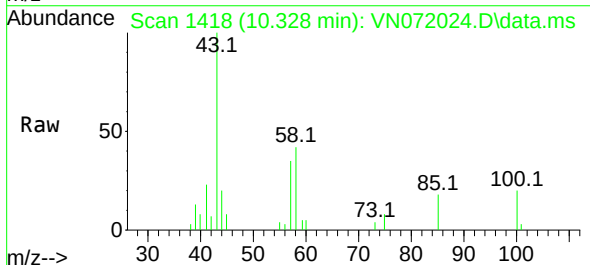
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#12

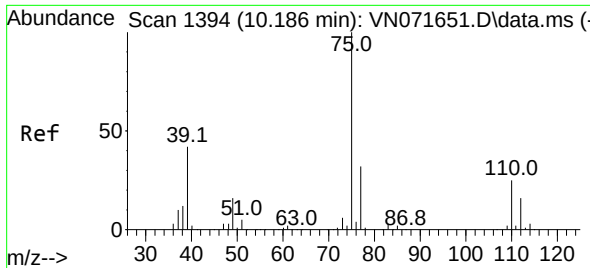
Tgt Ion: 98 Resp: 1430833
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.028 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

Tgt Ion: 43 Resp: 9824
Ion Ratio Lower Upper
43 100
58 41.9 34.1 51.1

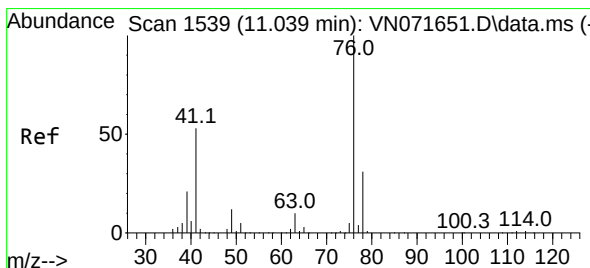
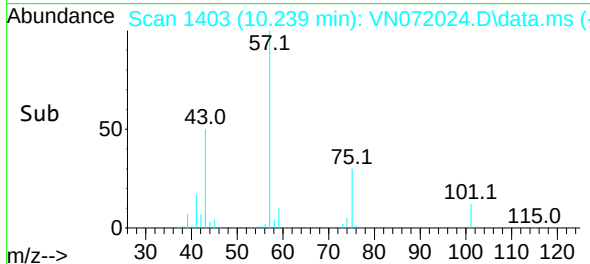
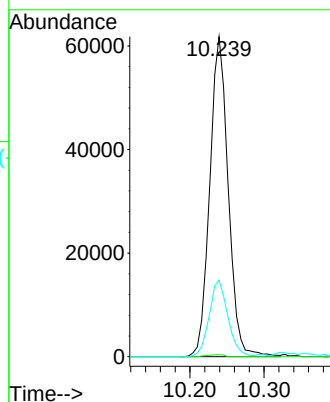
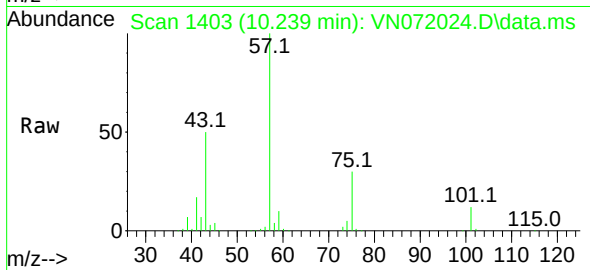




#54
 cis-1,3-Dichloropropene
 Concen: 9.588 ug/l
 RT: 10.239 min Scan# 1403
 Delta R.T. 0.053 min
 Lab File: VN072024.D
 Acq: 16 Apr 2022 00:28

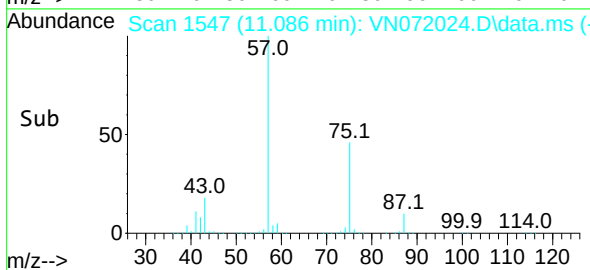
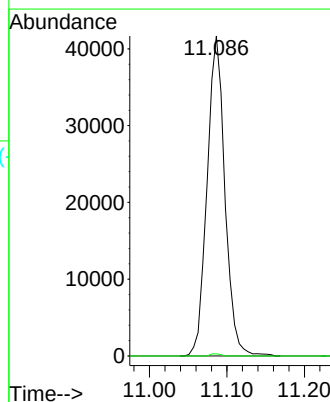
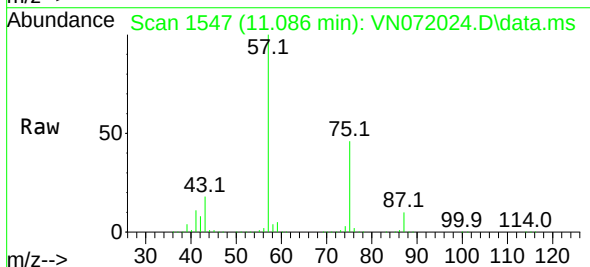
Instrument :
 MSVOA_N
 ClientSampleId :
 PB144101ZHE#12

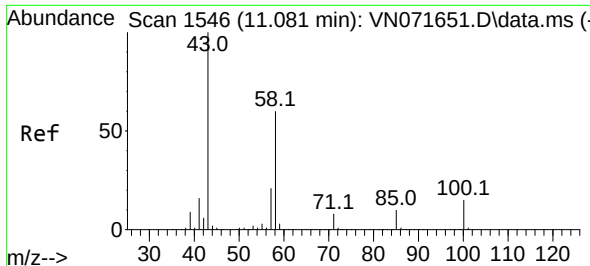
Tgt Ion: 75 Resp: 106901
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.2 37.8#
 39 23.9 35.7 53.5#



#57
 1,3-Dichloropropane
 Concen: 5.305 ug/l
 RT: 11.086 min Scan# 1547
 Delta R.T. 0.047 min
 Lab File: VN072024.D
 Acq: 16 Apr 2022 00:28

Tgt Ion: 76 Resp: 66544
 Ion Ratio Lower Upper
 76 100
 78 0.4 26.2 39.2#

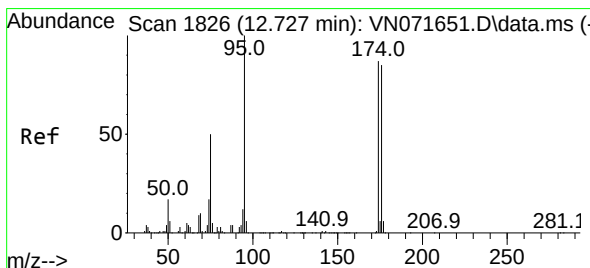
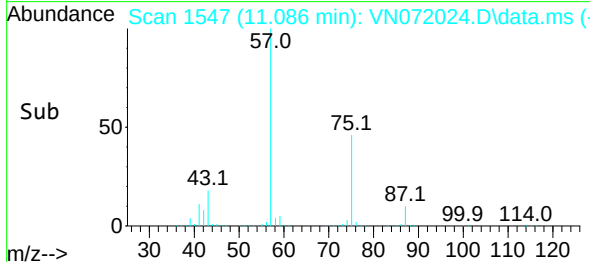
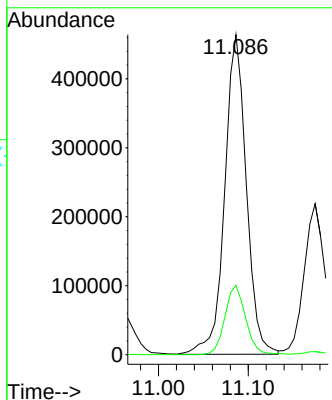
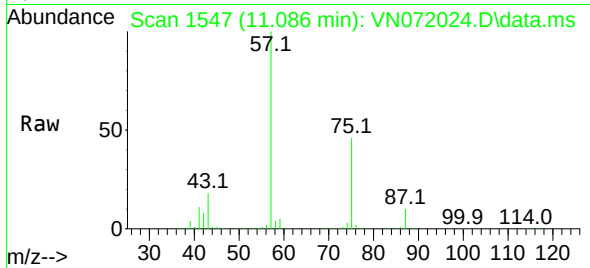




#59
2-Hexanone
Concen: 115.381 ug/l
RT: 11.086 min Scan# 11547
Delta R.T. 0.005 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

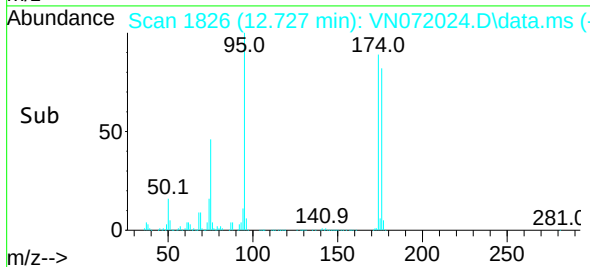
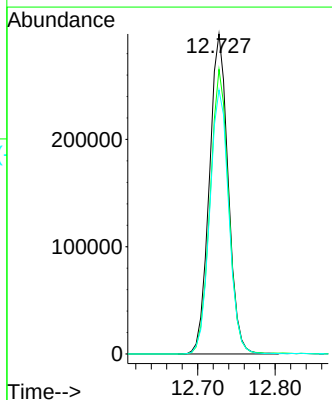
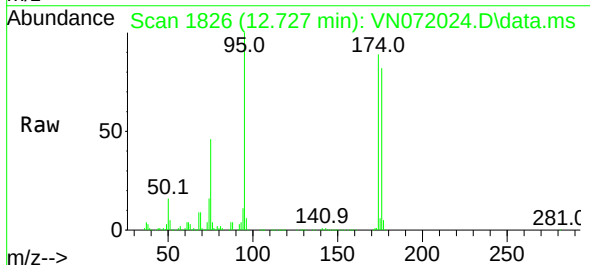
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MSVOA_N
ClientSampleId :
PB144101ZHE#12

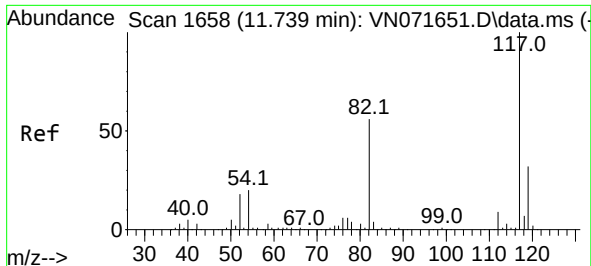
Tgt Ion: 43 Resp: 776196
Ion Ratio Lower Upper
43 100
58 20.8 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 58.233 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

Tgt Ion: 95 Resp: 503634
Ion Ratio Lower Upper
95 100
174 87.2 0.0 167.6
176 83.5 0.0 163.4

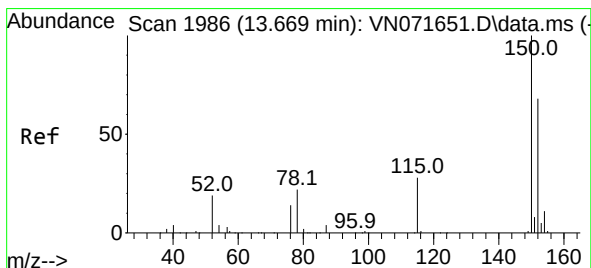
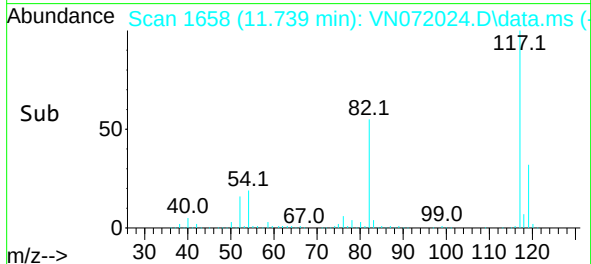
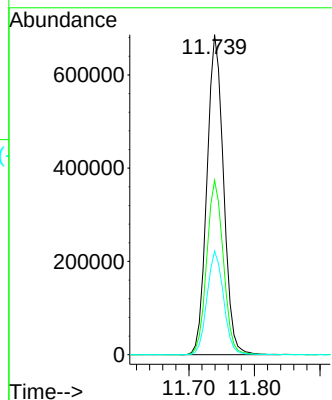
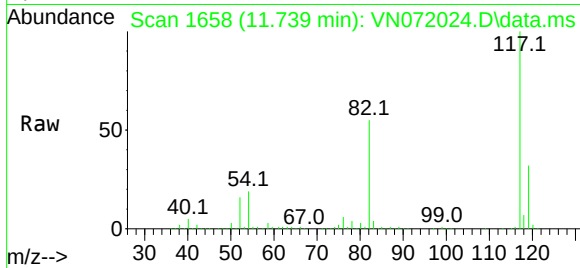




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

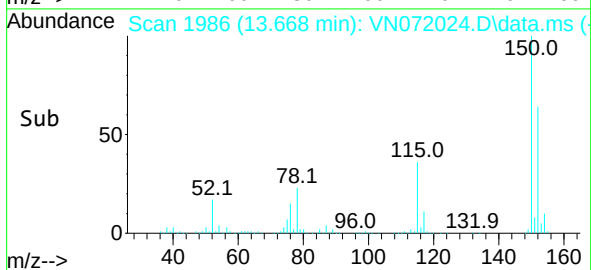
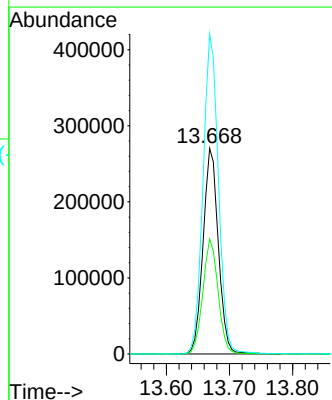
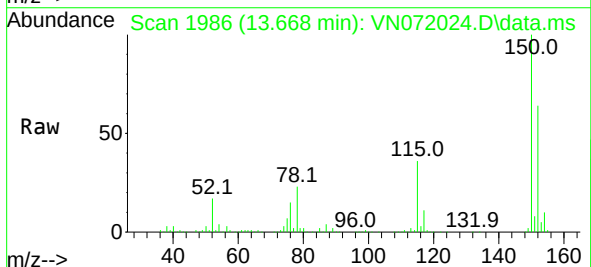
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#12

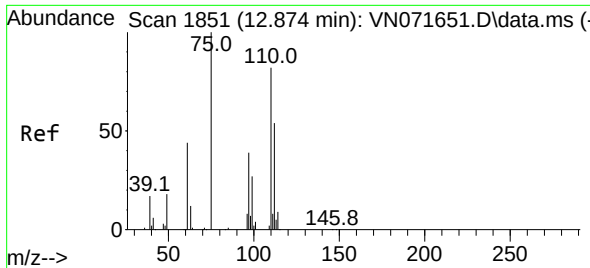
Tgt Ion:117 Resp: 1207519
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

Tgt Ion:152 Resp: 454510
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 157.1 0.0 356.2

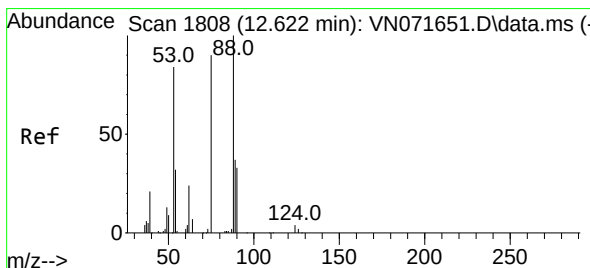
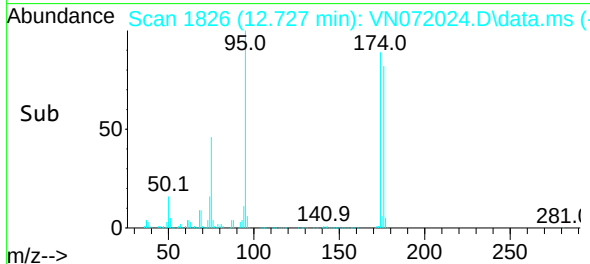
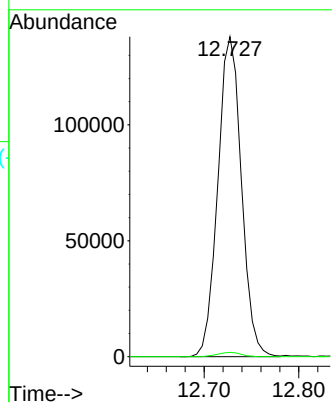
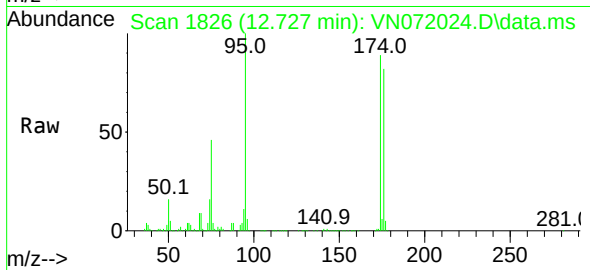




#76
1,2,3-Trichloropropane
Concen: 22.698 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

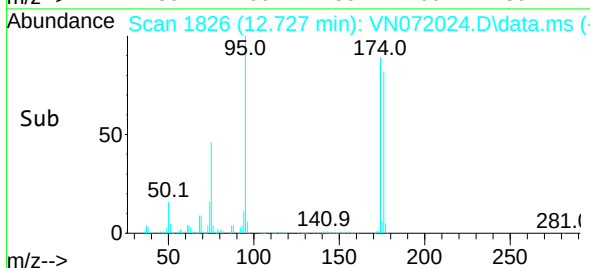
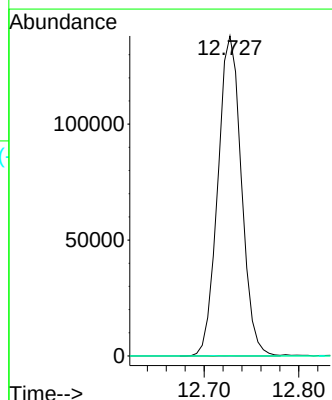
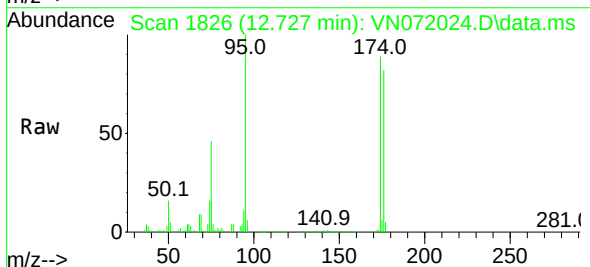
Instrument :
MSVOA_N
ClientSampleId :
PB144101ZHE#12

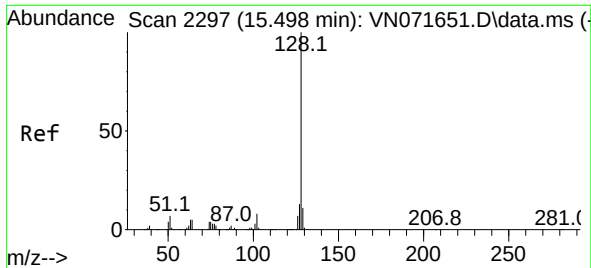
Tgt Ion: 75 Resp: 238989
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.340 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072024.D
Acq: 16 Apr 2022 00:28

Tgt Ion: 75 Resp: 238989
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 3.812 ug/l

RT: 15.515 min Scan# 21

Delta R.T. 0.017 min

Lab File: VN072024.D

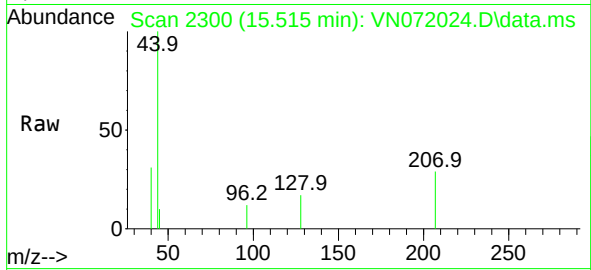
Acq: 16 Apr 2022 00:28

Instrument :

MSVOA_N

ClientSampleId :

PB144101ZHE#12



Tgt Ion:128 Resp: 204

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

