

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074748.D
 Acq On : 05 Oct 2022 19:36
 Operator : JC\MD
 Sample : PB148097TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148097TB

Quant Time: Oct 06 07:41:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.241	168	299235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	584640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292117	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	379957	53.590	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.180%	
35) Dibromofluoromethane	8.183	113	297990	51.954	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.900%	
50) Toluene-d8	10.571	98	1273780	51.757	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.520%	
62) 4-Bromofluorobenzene	12.853	95	352301	47.091	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.180%	

Target Compounds			Qvalue			
6) Chloroethane	3.177	64	10220	1.222	ug/l #	43
11) Tert butyl alcohol	5.600	59	515	0.217	ug/l #	1
13) Acrolein	4.218	56	617	Below Cal	#	1
15) Acrylonitrile	5.748	53	2246	0.434	ug/l #	82
16) Acetone	4.465	43	134741	33.534	ug/l	92
17) Carbon Disulfide	4.730	76	4710	0.297	ug/l #	74
18) Methyl Acetate	5.048	43	3367	0.226	ug/l #	52
20) Methylene Chloride	5.306	84	34163	3.269	ug/l	95
25) 2-Butanone	7.506	43	11400	1.563	ug/l #	89
29) Tetrahydrofuran	7.871	42	6027	1.186	ug/l #	65
36) 1,1-Dichloropropene	8.230	75	27666	2.980	ug/l #	51
37) Ethyl Acetate	7.506	43	11400	0.306	ug/l #	86
38) Carbon Tetrachloride	8.230	117	31599	3.609	ug/l #	18
42) 1,2-Dichloroethane	8.688	62	4135	0.438	ug/l	89
43) Isopropyl Acetate	8.700	43	609099	26.469	ug/l	93
48) Methyl methacrylate	9.665	41	16331	1.729	ug/l #	16
49) 1,4-Dioxane	9.706	88	385	1.880	ug/l #	24
51) 4-Methyl-2-Pentanone	10.453	43	28396	1.916	ug/l #	83
54) cis-1,3-Dichloropropene	10.365	75	194788	15.521	ug/l #	61
57) 1,3-Dichloropropane	11.200	76	24224	1.851	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.153	63	1160	0.243	ug/l #	50
59) 2-Hexanone	11.177	43	465433	41.524	ug/l #	24
68) m/p-Xylenes	12.082	106	2708	0.216	ug/l	83
74) N-amyl acetate	12.488	43	12234	0.720	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.941	83	1618	Below Cal	#	93
76) 1,2,3-Trichloropropane	12.853	75	197661	22.670	ug/l #	1
77) Bromobenzene	12.982	156	1072	Below Cal		72
79) 2-Chlorotoluene	13.218	91	5643	0.287	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	6241	0.278	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.853	75	197661	44.170	ug/l #	14
82) 4-Chlorotoluene	13.218	91	5643	0.310	ug/l	96
86) p-Isopropyltoluene	13.729	119	4618	0.213	ug/l	93
87) 1,3-Dichlorobenzene	13.741	146	2692	0.241	ug/l #	64
88) 1,4-Dichlorobenzene	13.823	146	4140	0.393	ug/l #	25
89) n-Butylbenzene	14.059	91	5913	0.309	ug/l #	63
91) 1,2-Dichlorobenzene	14.112	146	3206	0.299	ug/l	90

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PB148097TB

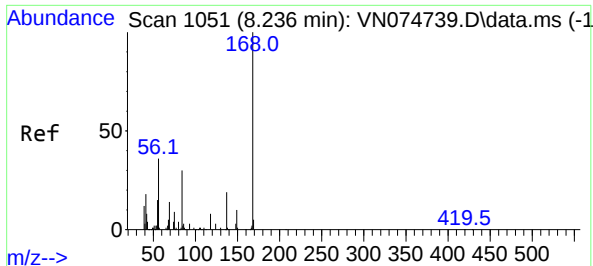
Quant Time: Oct 06 07:41:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1415	0.607	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.394	180	4514	0.961	ug/l	89
94) Hexachlorobutadiene	15.512	225	772	0.351	ug/l #	25
95) Naphthalene	15.641	128	29705	1.463	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.853	180	5215	0.207	ug/l	86

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

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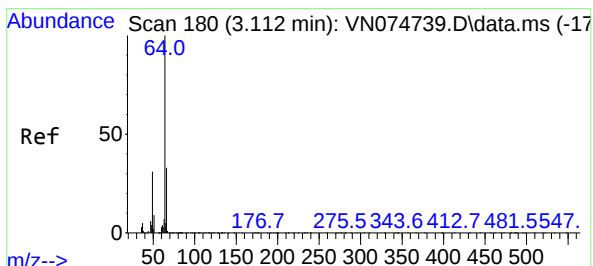
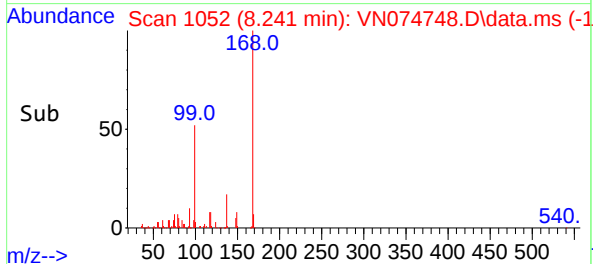
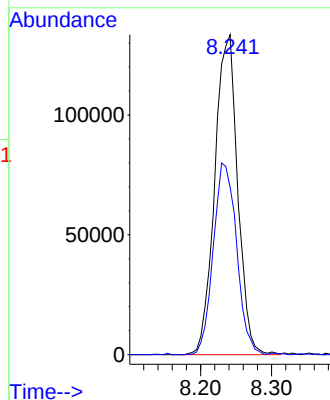
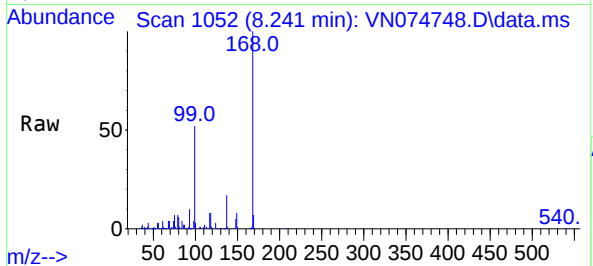




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.241 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

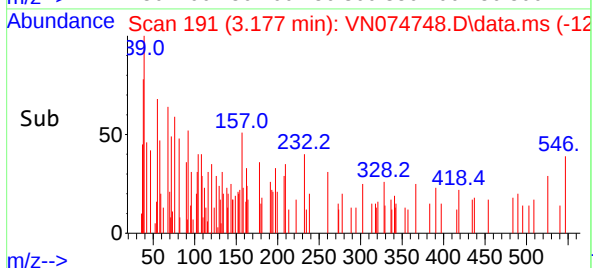
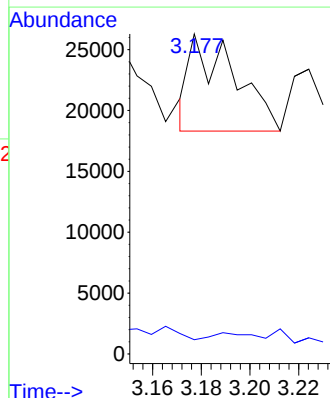
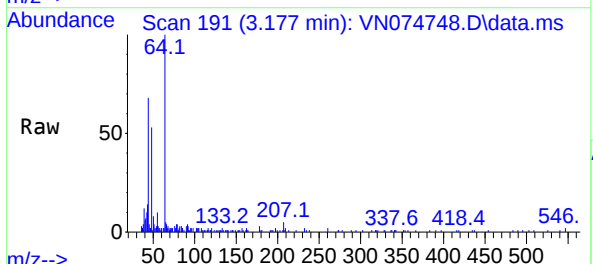
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

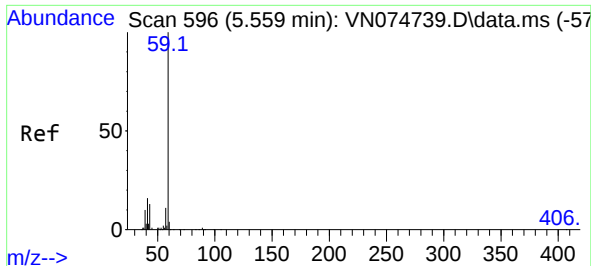
Tgt Ion:168 Resp: 299235
Ion Ratio Lower Upper
168 100
99 52.3 42.8 64.2



#6
Chloroethane
Concen: 1.222 ug/l
RT: 3.177 min Scan# 191
Delta R.T. 0.065 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 64 Resp: 10220
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.217 ug/l

RT: 5.600 min Scan# 603

Delta R.T. 0.041 min

Lab File: VN074748.D

Acq: 05 Oct 2022 19:36

Instrument :

MSVOA_N

ClientSampleId :

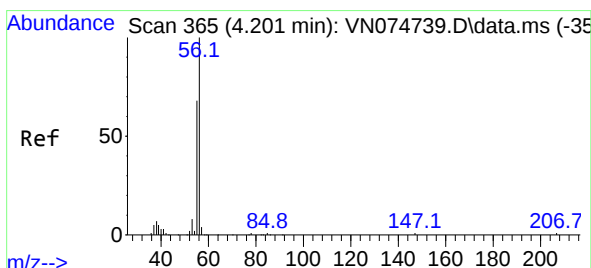
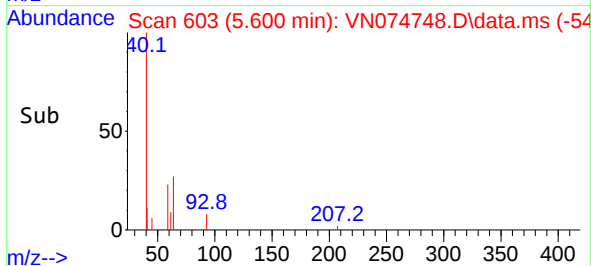
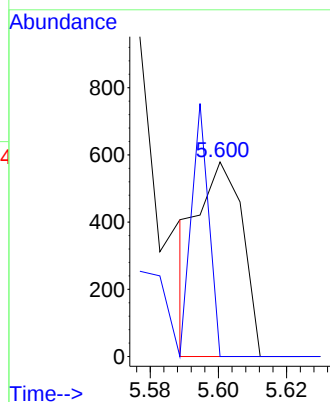
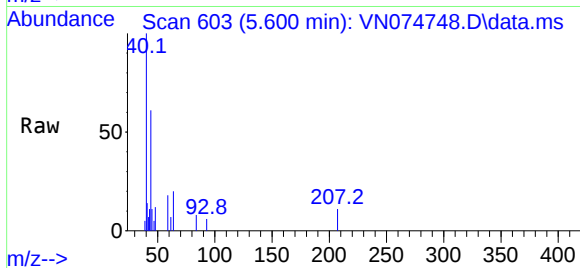
PB148097B

Tgt Ion: 59 Resp: 515

Ion Ratio Lower Upper

59 100

57 85.4 7.7 11.5#



#13

Acrolein

Concen: Below Cal

RT: 4.218 min Scan# 368

Delta R.T. 0.017 min

Lab File: VN074748.D

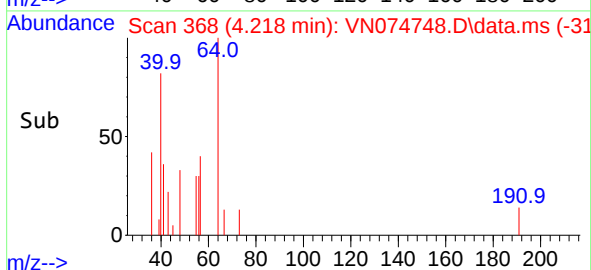
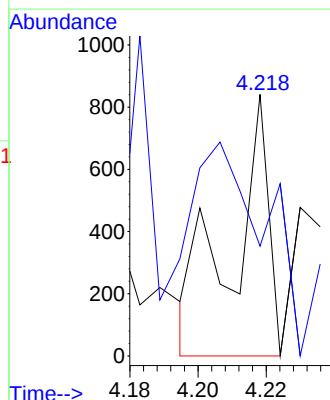
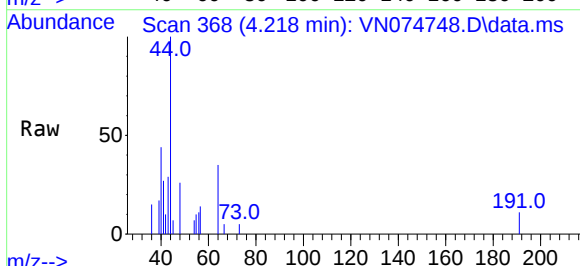
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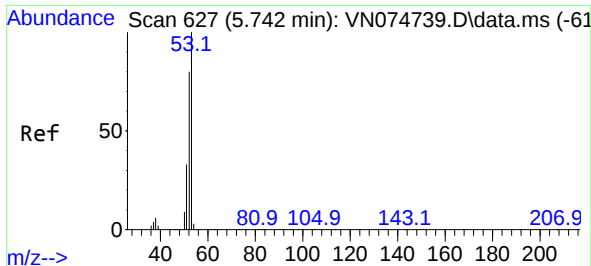
Tgt Ion: 56 Resp: 617

Ion Ratio Lower Upper

56 100

55 156.2 54.9 82.3#

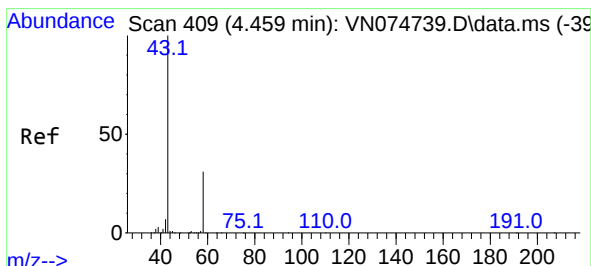
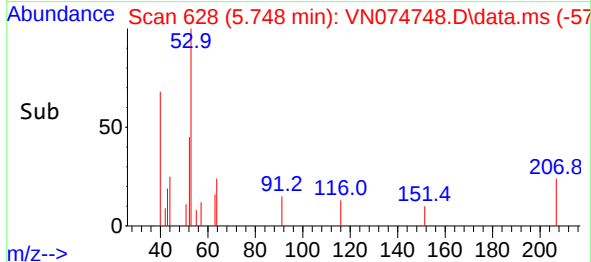
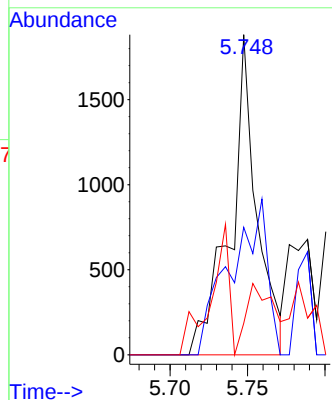
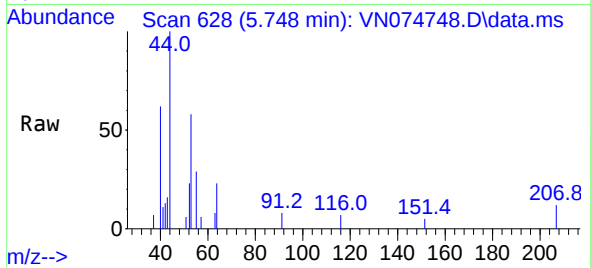




#15
Acrylonitrile
Concen: 0.434 ug/l
RT: 5.748 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

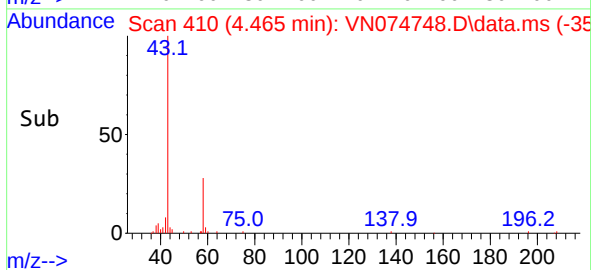
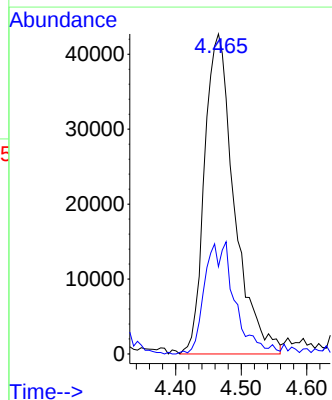
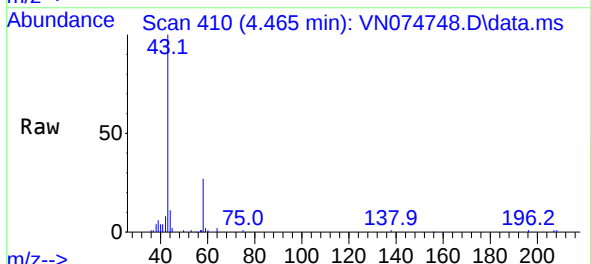
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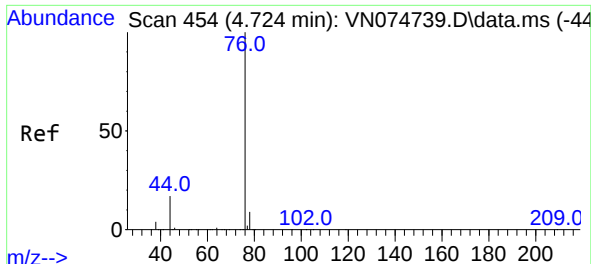
Tgt Ion: 53 Resp: 2246
Ion Ratio Lower Upper
53 100
52 67.1 64.3 96.5
51 20.0 27.5 41.3#



#16
Acetone
Concen: 33.534 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 43 Resp: 134741
Ion Ratio Lower Upper
43 100
58 26.8 24.9 37.3

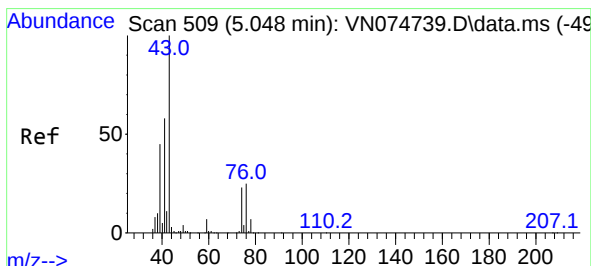
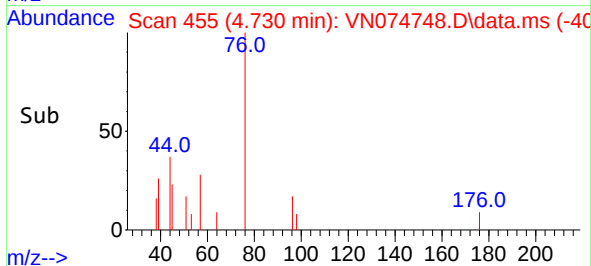
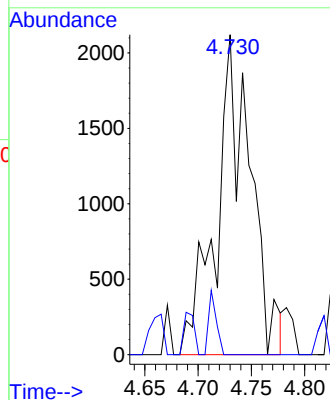
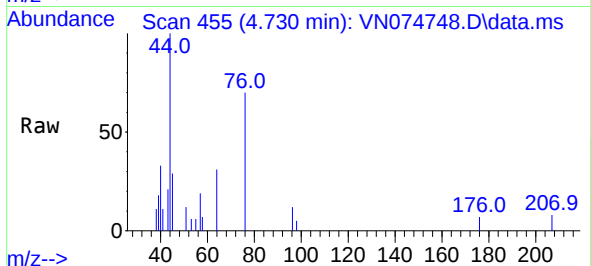




#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 4.730 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

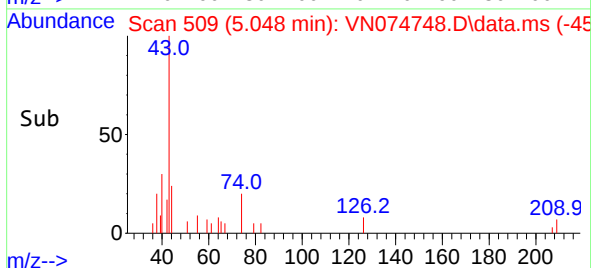
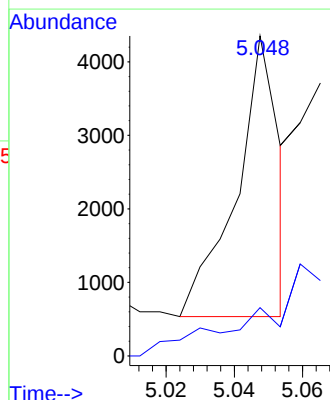
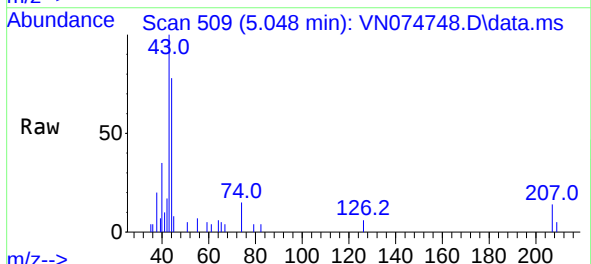
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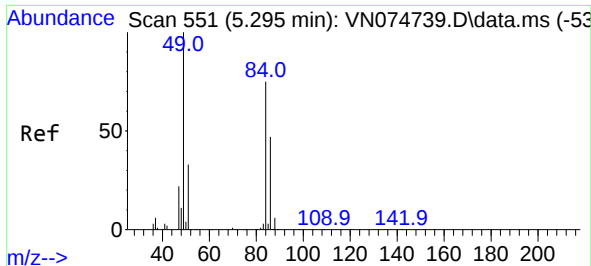
Tgt Ion: 76 Resp: 4710
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 5.048 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 43 Resp: 3367
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#

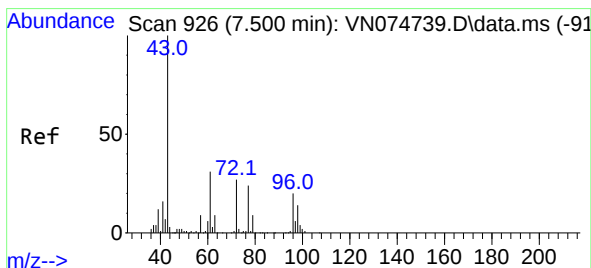
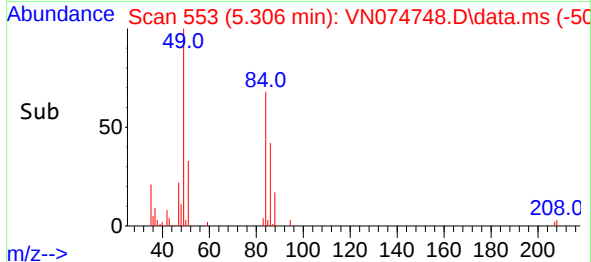
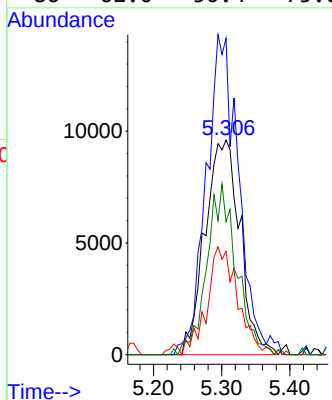
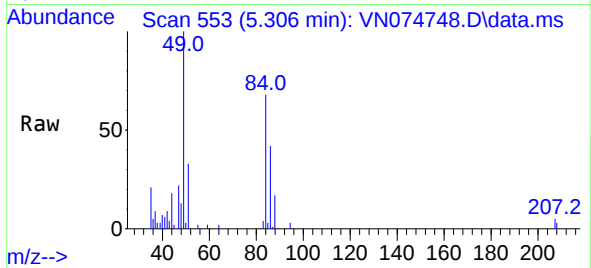




#20
Methylene Chloride
Concen: 3.269 ug/l
RT: 5.306 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

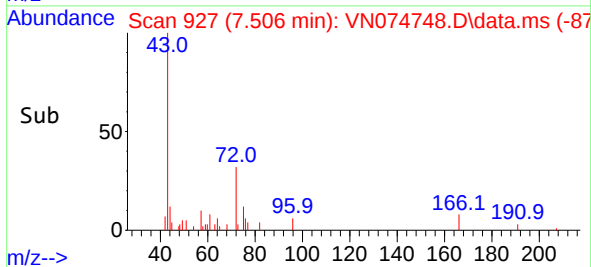
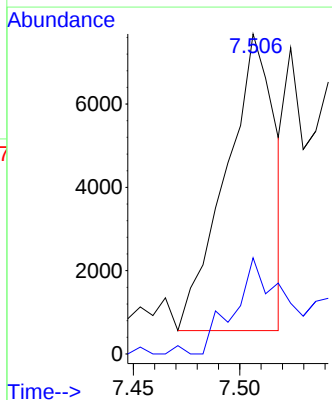
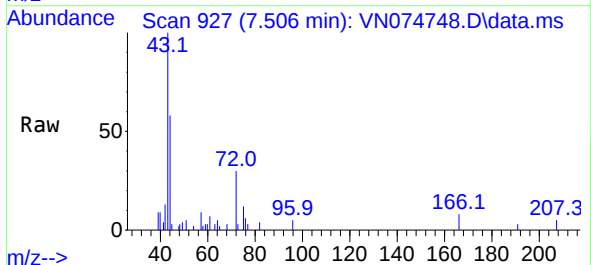
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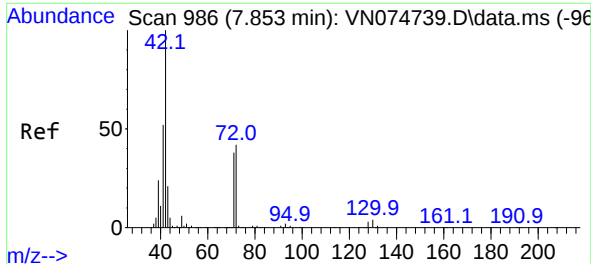
Tgt Ion: 84 Resp: 34163
Ion Ratio Lower Upper
84 100
49 142.9 107.4 161.0
51 45.9 35.1 52.7
86 62.0 50.4 75.6



#25
2-Butanone
Concen: 1.563 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 43 Resp: 11400
Ion Ratio Lower Upper
43 100
72 32.5 21.4 32.0#





#29

Tetrahydrofuran

Concen: 1.186 ug/l

RT: 7.871 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN074748.D

Acq: 05 Oct 2022 19:36

Instrument :

MSVOA_N

ClientSampleId :

PB148097TB

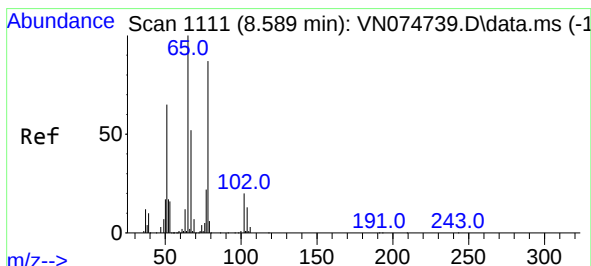
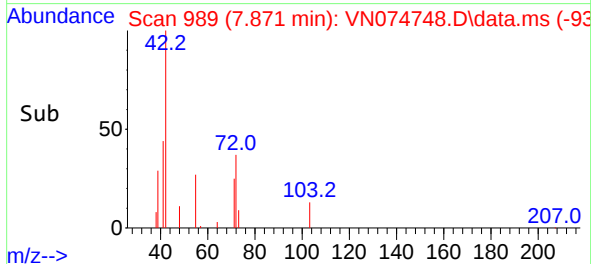
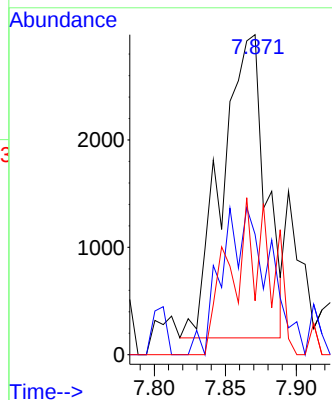
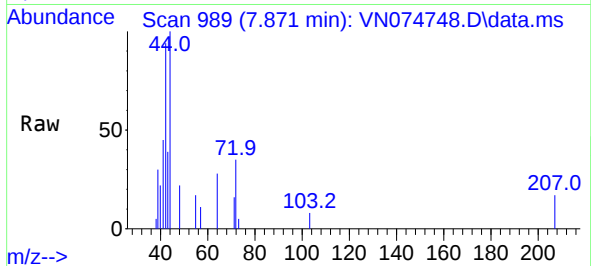
Tgt Ion: 42 Resp: 6027

Ion Ratio Lower Upper

42 100

72 53.4 33.0 49.6#

71 6.6 30.4 45.6#



#33

1,2-Dichloroethane-d4

Concen: 53.590 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN074748.D

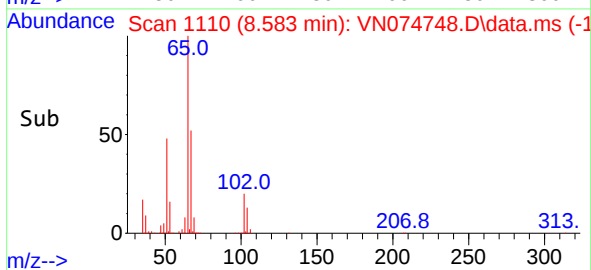
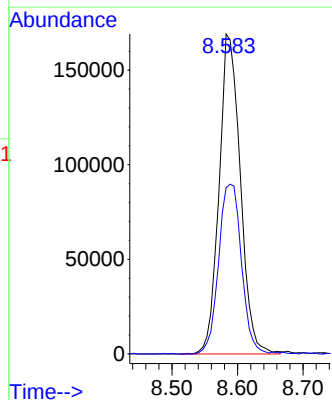
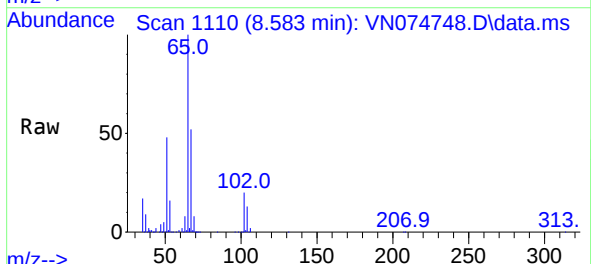
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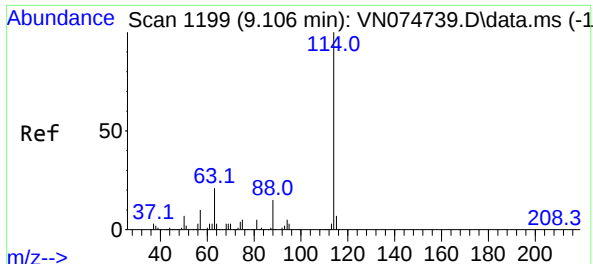
Tgt Ion: 65 Resp: 379957

Ion Ratio Lower Upper

65 100

67 57.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074748.D

Acq: 05 Oct 2022 19:36

Instrument :

MSVOA_N

ClientSampleId :

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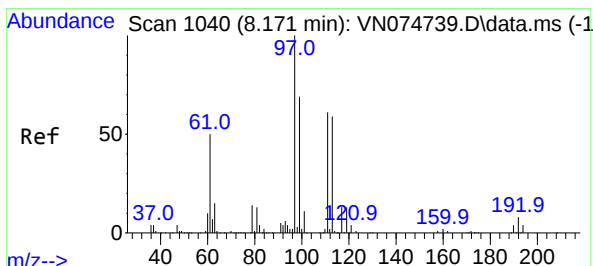
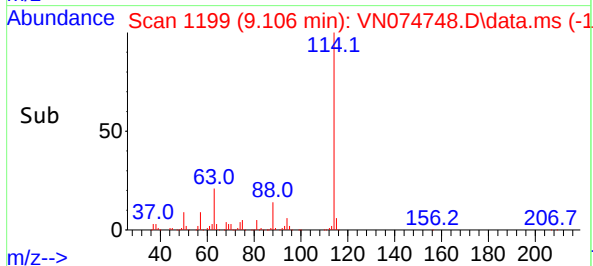
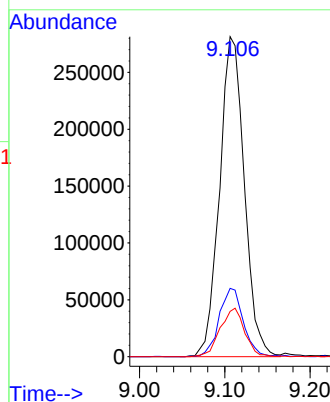
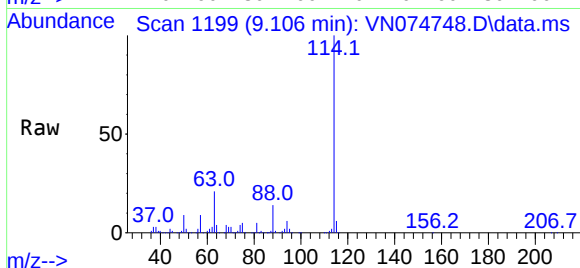
Tgt Ion:114 Resp: 567681

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.2

88 14.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.954 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VN074748.D

Acq: 05 Oct 2022 19:36

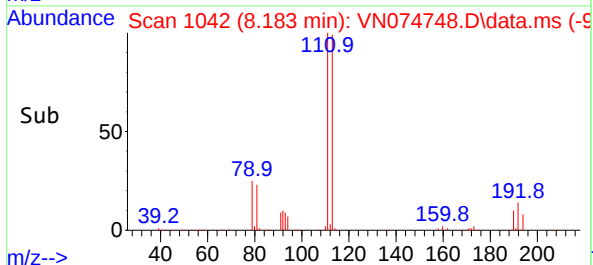
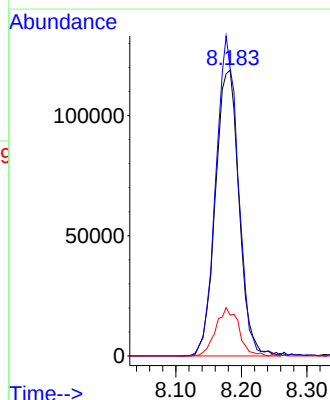
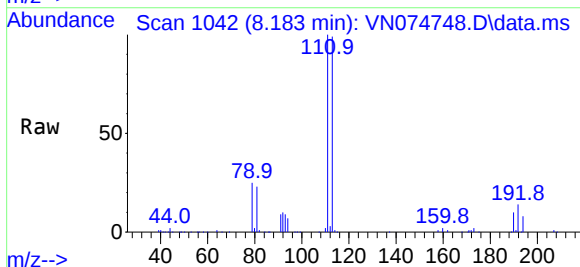
Tgt Ion:113 Resp: 297990

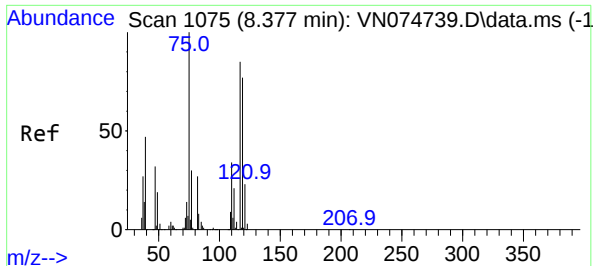
Ion Ratio Lower Upper

113 100

111 105.7 83.0 124.6

192 16.4 12.6 18.8

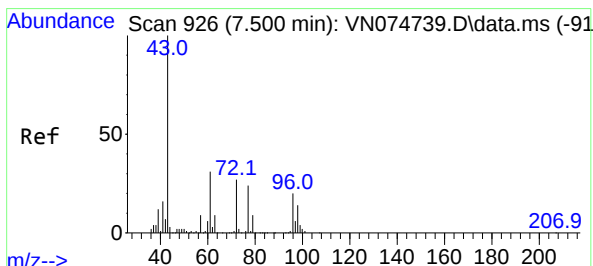
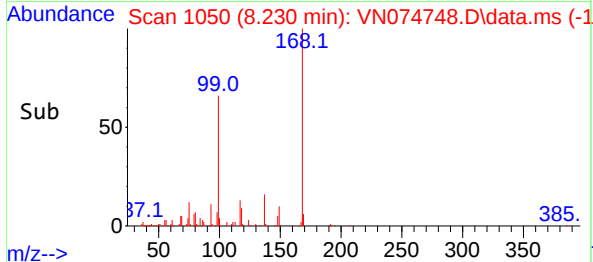
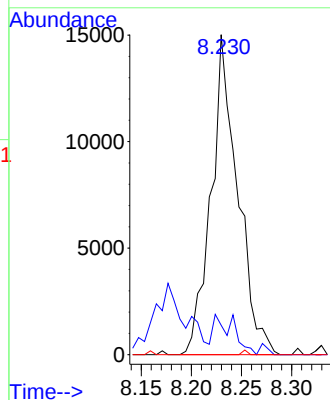
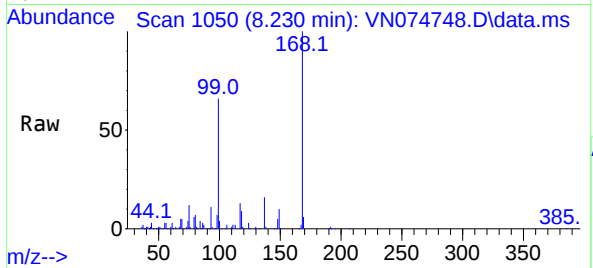




#36
1,1-Dichloropropene
Concen: 2.980 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.147 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

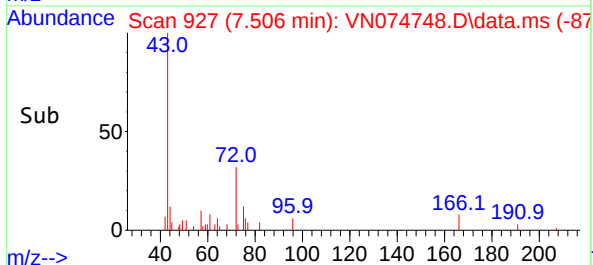
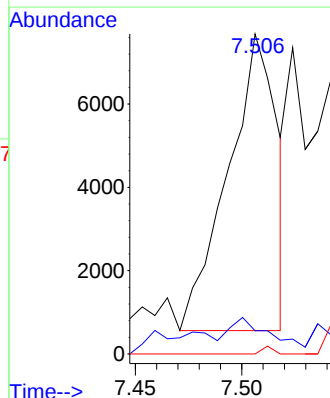
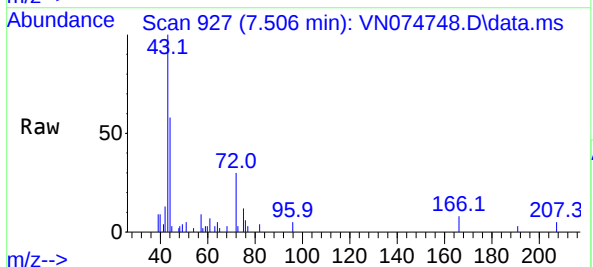
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

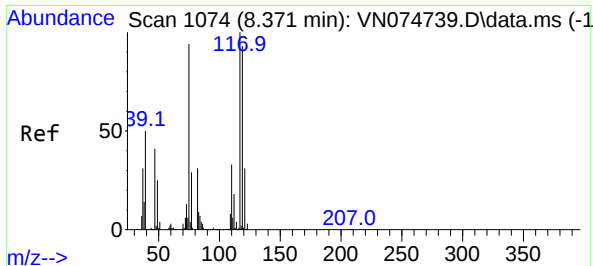
Tgt Ion: 75 Resp: 27666
Ion Ratio Lower Upper
75 100
110 9.3 17.2 51.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 0.306 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 43 Resp: 11400
Ion Ratio Lower Upper
43 100
61 10.7 4.3 6.5#
70 0.0 3.0 4.4#

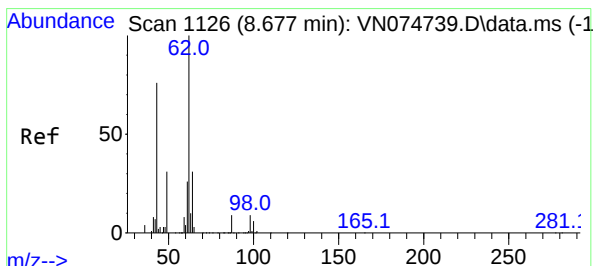
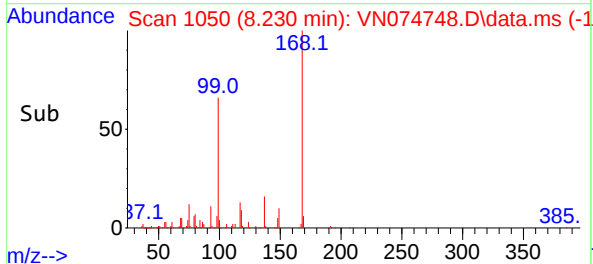
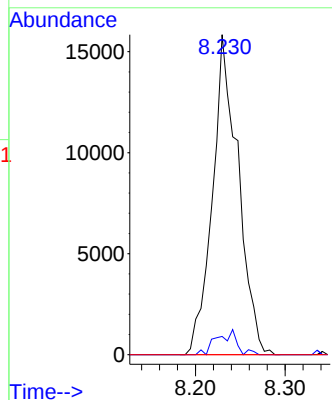
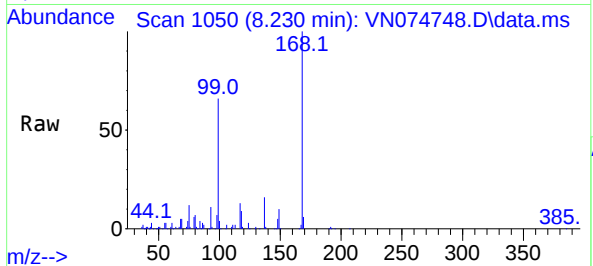




#38
Carbon Tetrachloride
Concen: 3.609 ug/l
RT: 8.230 min Scan# 1074
Delta R.T. -0.141 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

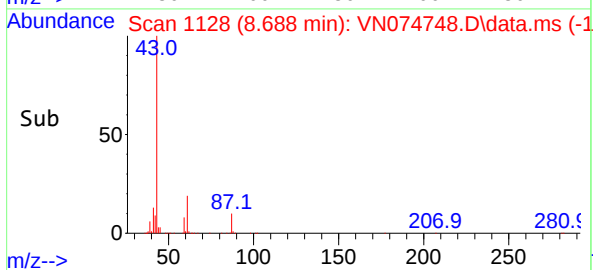
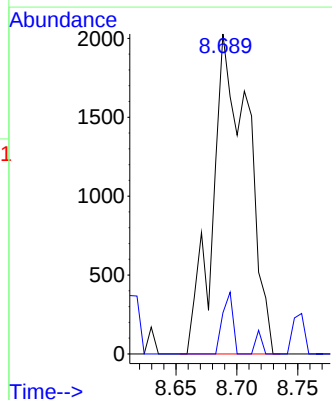
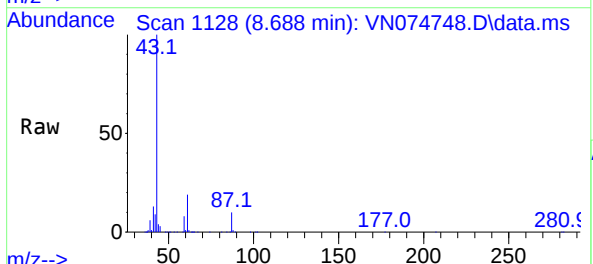
Instrument : MSVOA_N
ClientSampleId : PB148097TB

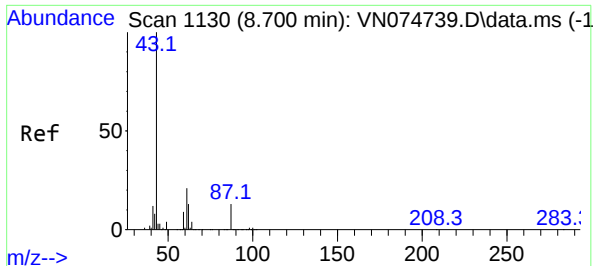
Tgt Ion:117 Resp: 31599
Ion Ratio Lower Upper
117 100
119 5.7 74.3 111.5#
121 0.0 25.0 37.4#



#42
1,2-Dichloroethane
Concen: 0.438 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 62 Resp: 4135
Ion Ratio Lower Upper
62 100
98 5.6 0.0 19.4

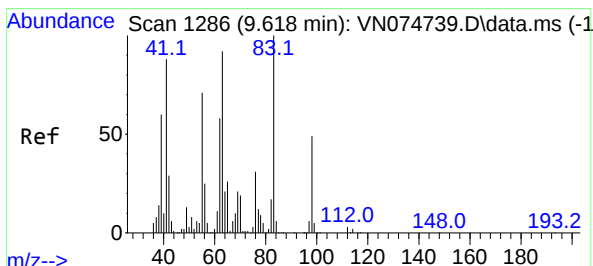
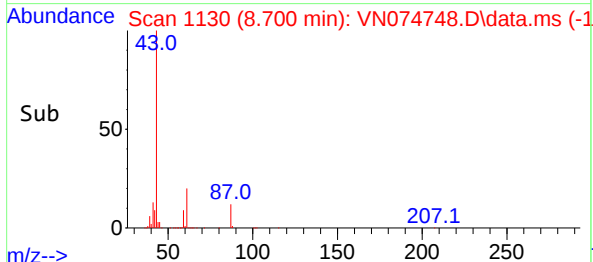
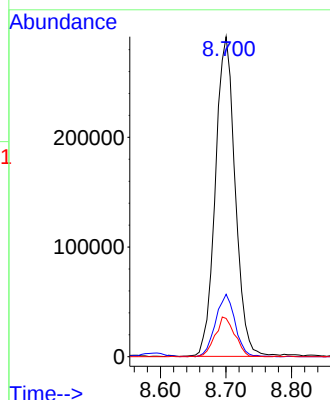
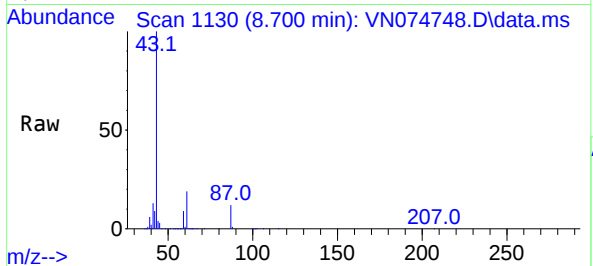




#43
Isopropyl Acetate
Concen: 26.469 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

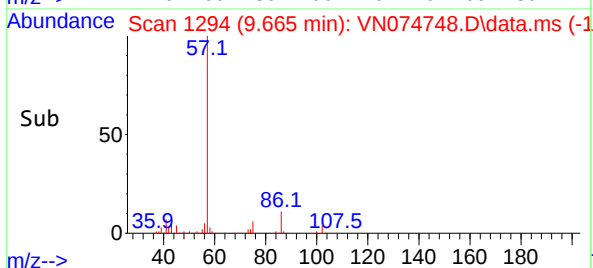
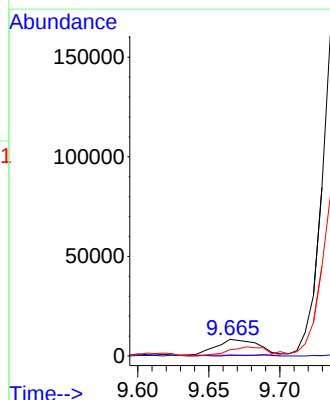
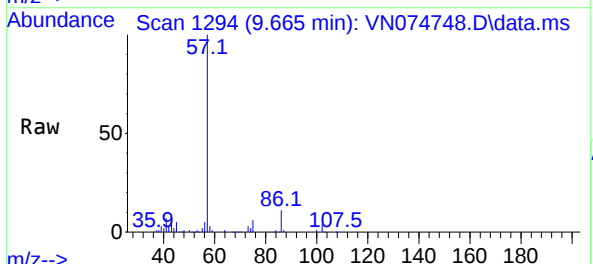
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

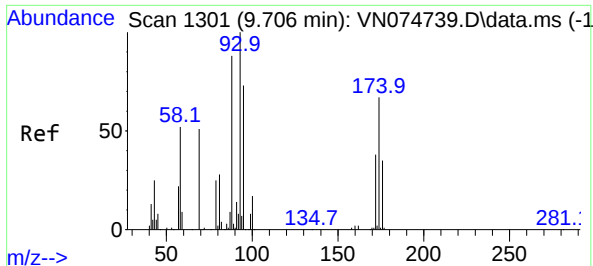
Tgt Ion: 43 Resp: 609099
Ion Ratio Lower Upper
43 100
61 19.4 19.4 29.0
87 12.3 10.1 15.1



#48
Methyl methacrylate
Concen: 1.729 ug/l
RT: 9.665 min Scan# 1294
Delta R.T. 0.047 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 41 Resp: 16331
Ion Ratio Lower Upper
41 100
69 2.1 0.0 0.0#
39 0.0 54.4 81.6#

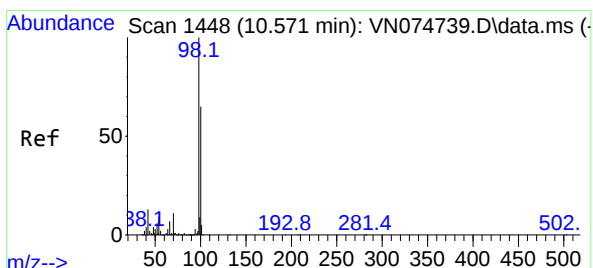
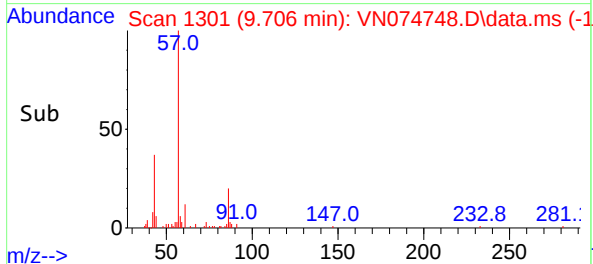
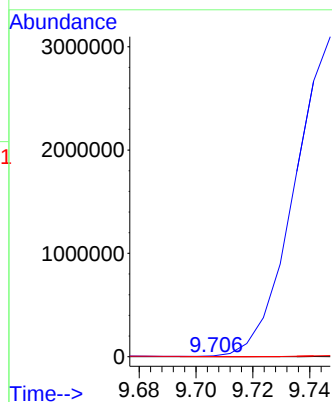
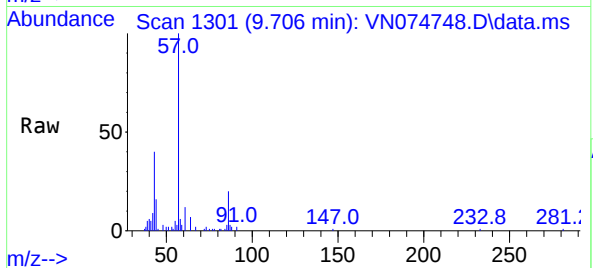




#49
1,4-Dioxane
Concen: 1.880 ug/l
RT: 9.706 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

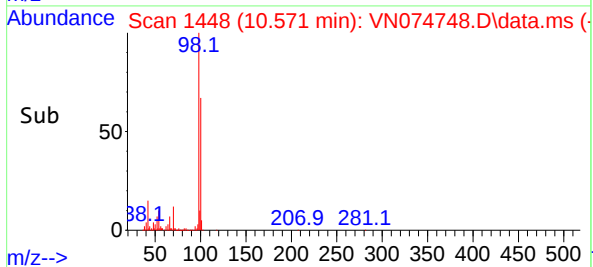
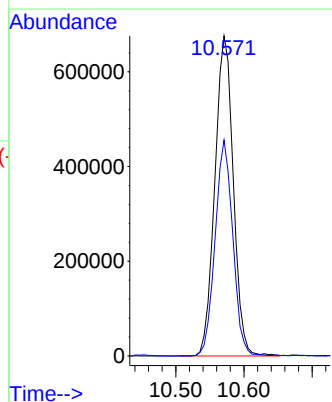
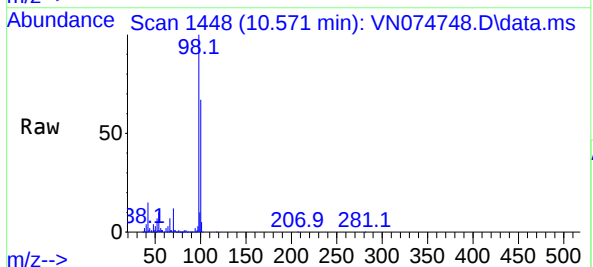
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

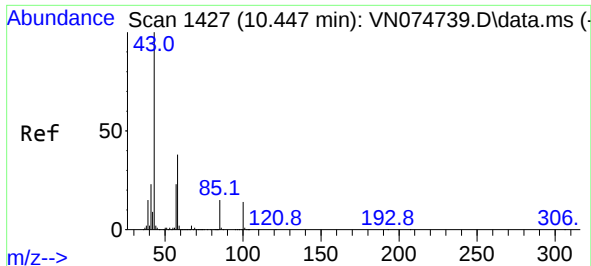
Tgt Ion: 88 Resp: 385
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 54.9 82.3#



#50
Toluene-d8
Concen: 51.757 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 98 Resp: 1273780
Ion Ratio Lower Upper
98 100
100 64.7 50.7 76.1

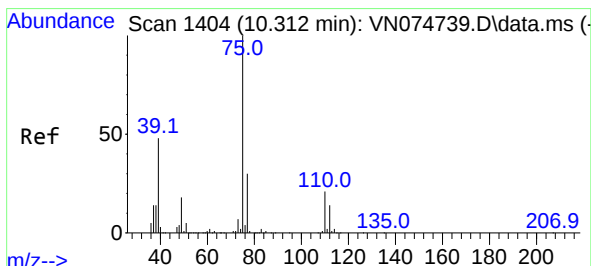
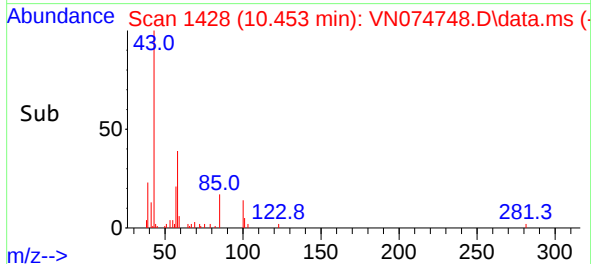
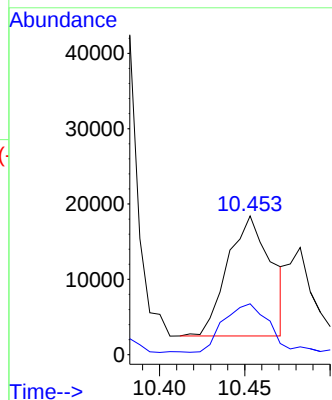
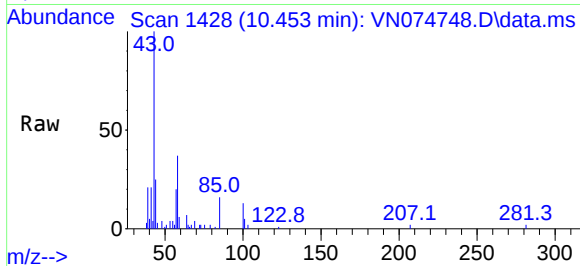




#51
4-Methyl-2-Pentanone
Concen: 1.916 ug/l
RT: 10.453 min Scan# 1412
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

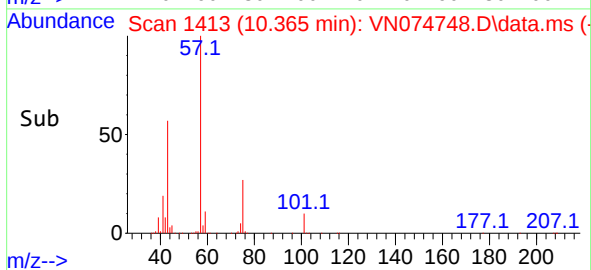
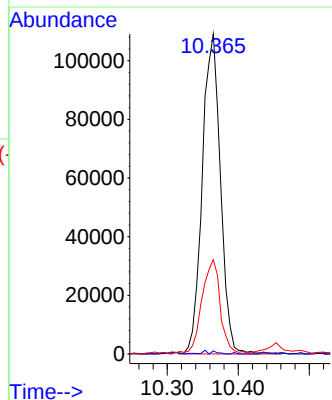
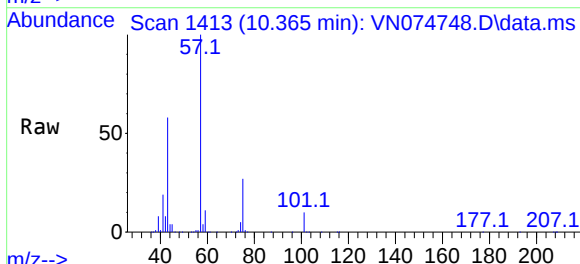
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

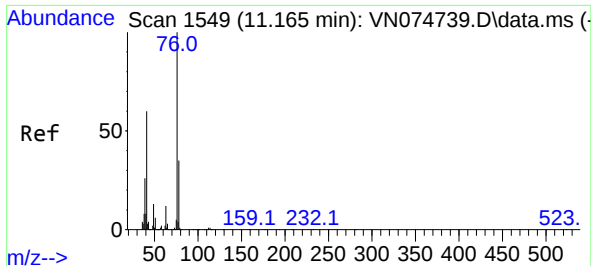
Tgt Ion: 43 Resp: 28396
Ion Ratio Lower Upper
43 100
58 48.7 30.6 45.8#



#54
cis-1,3-Dichloropropene
Concen: 15.521 ug/l
RT: 10.365 min Scan# 1413
Delta R.T. 0.053 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 75 Resp: 194788
Ion Ratio Lower Upper
75 100
77 0.6 24.4 36.6#
39 28.7 38.6 57.8#





#57

1,3-Dichloropropane

Concen: 1.851 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN074748.D

Acq: 05 Oct 2022 19:36

Instrument :

MSVOA_N

ClientSampleId :

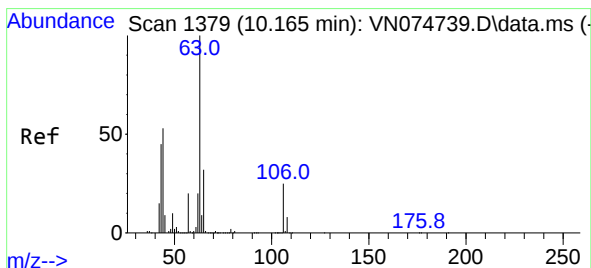
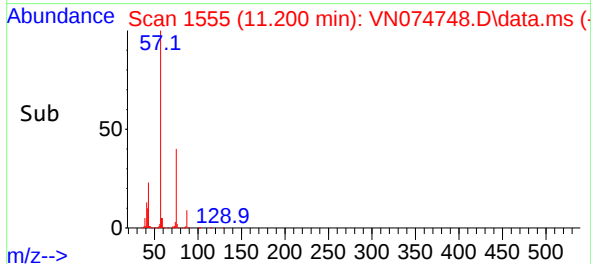
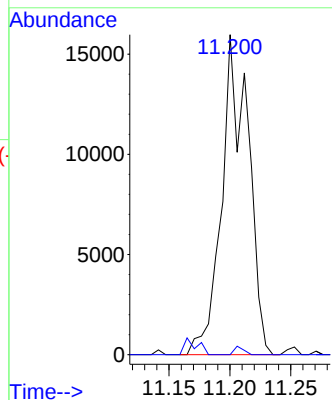
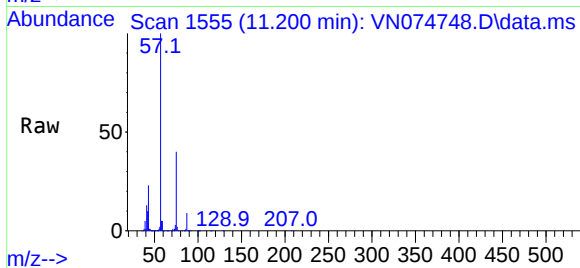
PB148097TB

Tgt Ion: 76 Resp: 24224

Ion Ratio Lower Upper

76 100

78 0.9 26.2 39.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.243 ug/l

RT: 10.153 min Scan# 1377

Delta R.T. -0.012 min

Lab File: VN074748.D

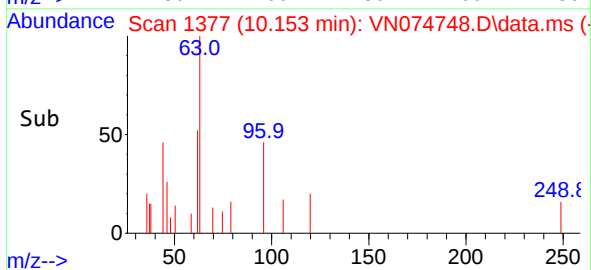
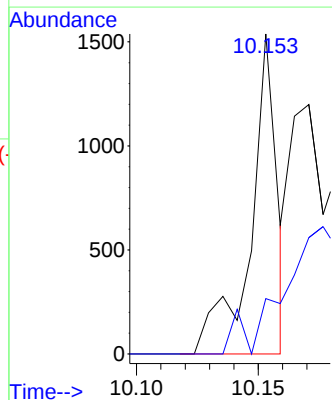
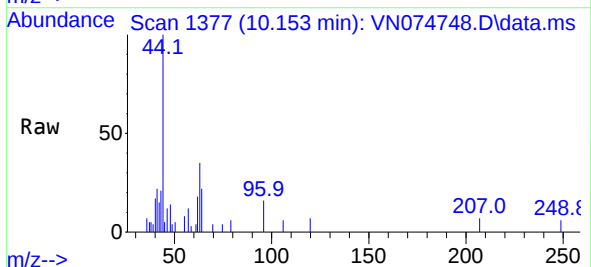
Acq: 05 Oct 2022 19:36

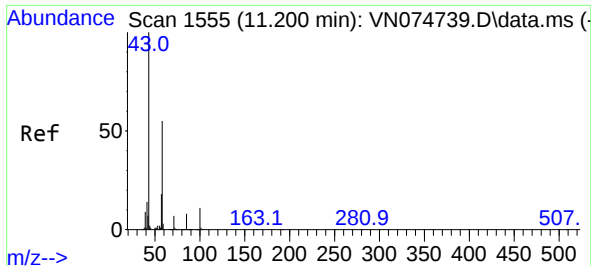
Tgt Ion: 63 Resp: 1160

Ion Ratio Lower Upper

63 100

106 0.0 20.0 30.0#

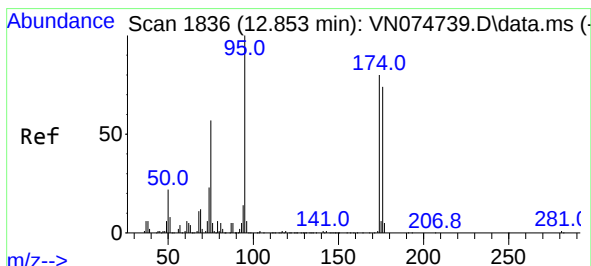
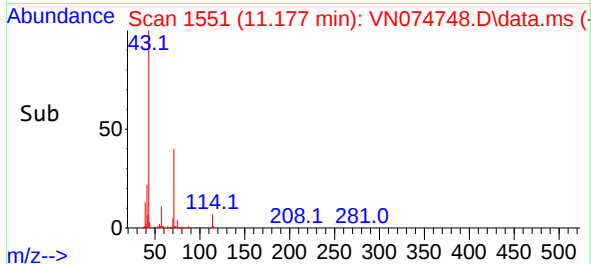
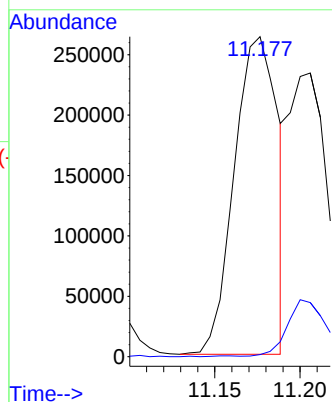
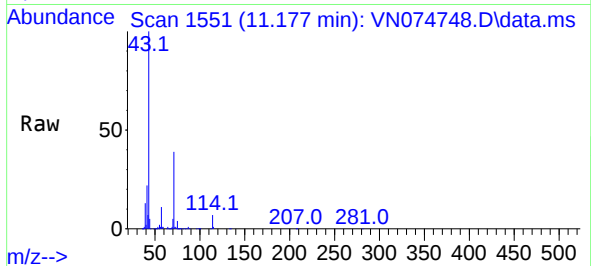




#59
2-Hexanone
Concen: 41.524 ug/l
RT: 11.177 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

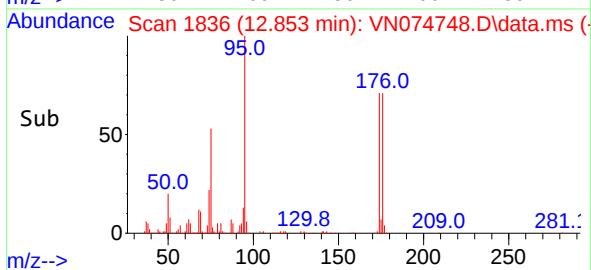
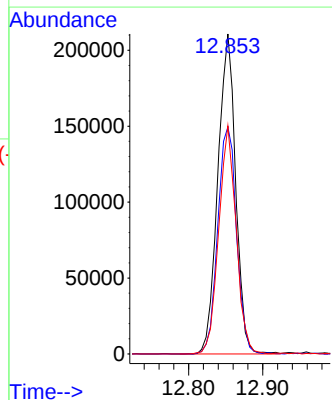
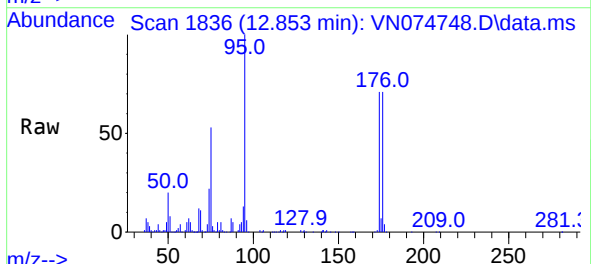
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

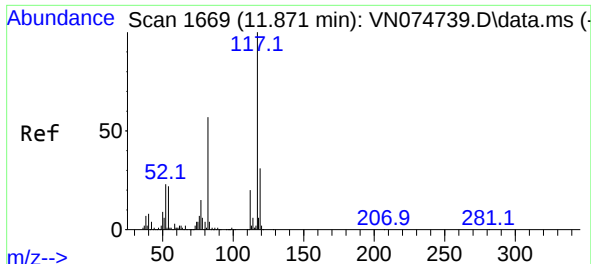
Tgt Ion: 43 Resp: 465433
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.9#



#62
4-Bromofluorobenzene
Concen: 47.091 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 95 Resp: 352301
Ion Ratio Lower Upper
95 100
174 74.6 0.0 149.4
176 69.6 0.0 142.0

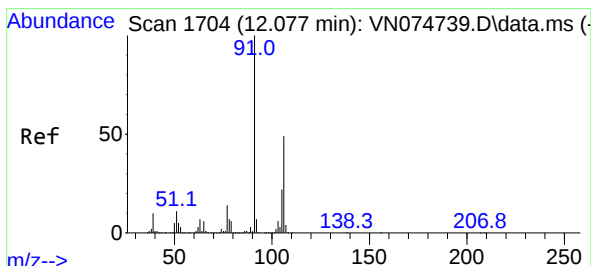
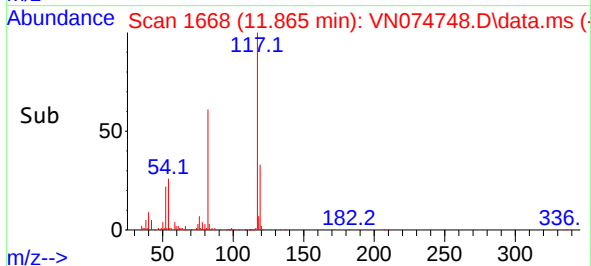
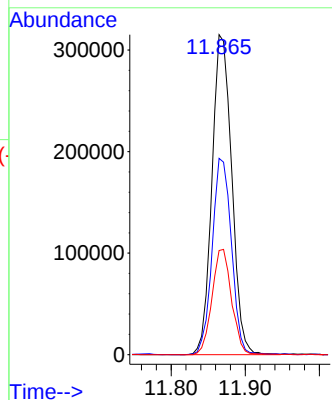
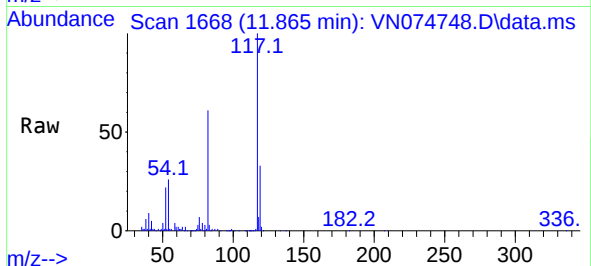




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

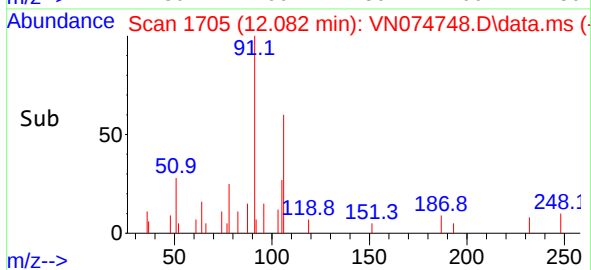
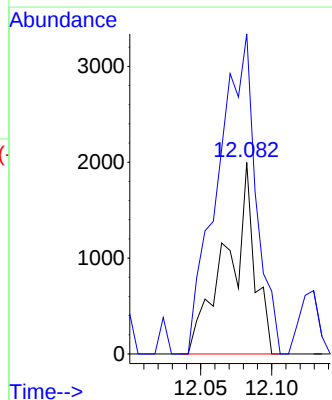
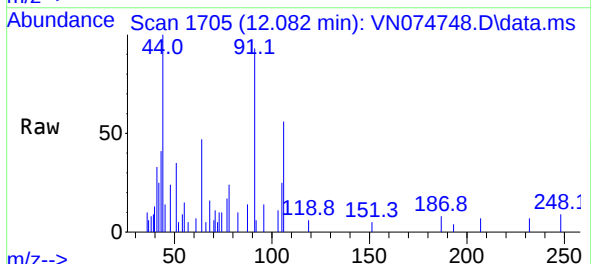
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

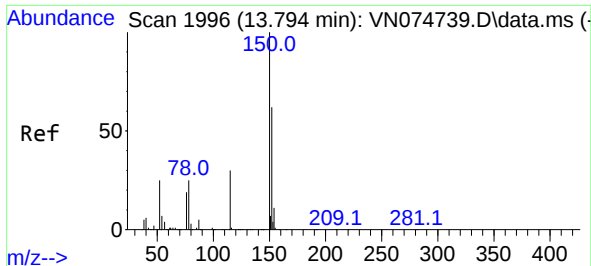
Tgt Ion:117 Resp: 584640
Ion Ratio Lower Upper
117 100
82 61.3 45.4 68.2
119 32.6 25.1 37.7



#68
m/p-Xylenes
Concen: 0.216 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion:106 Resp: 2708
Ion Ratio Lower Upper
106 100
91 230.9 164.2 246.4

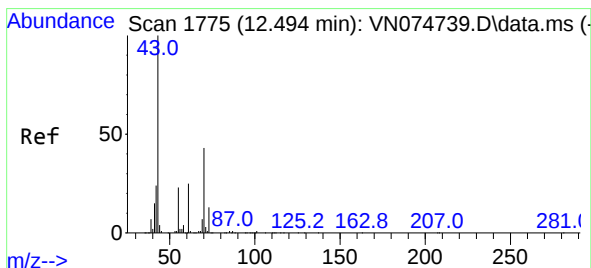
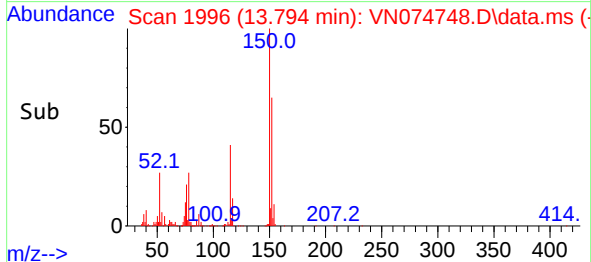
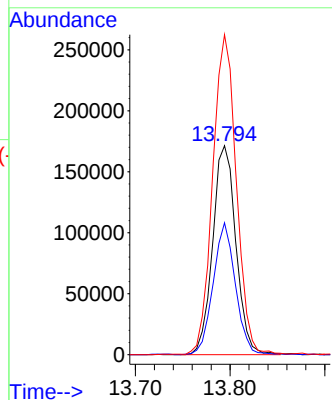
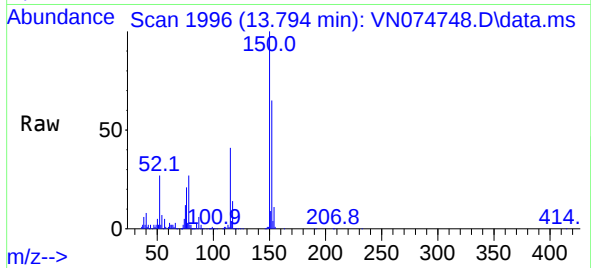




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

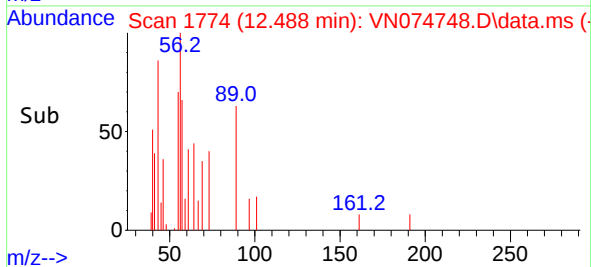
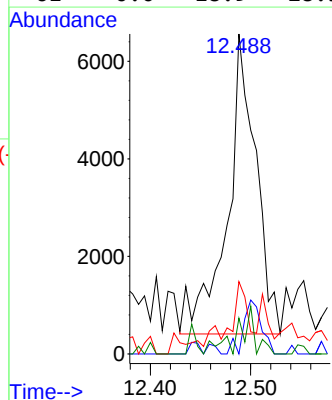
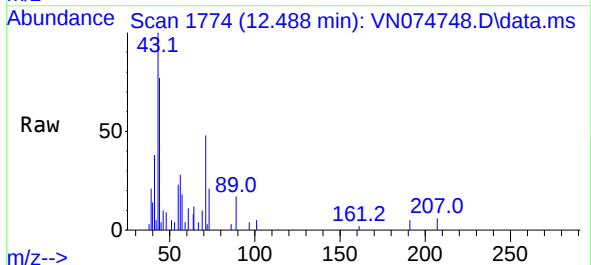
Instrument : MSVOA_N
ClientSampleId : PB148097TB

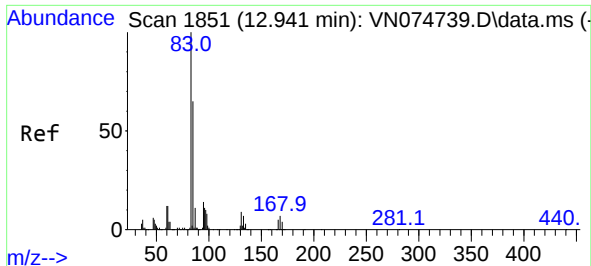
Tgt Ion:152 Resp: 292117
Ion Ratio Lower Upper
152 100
115 60.6 30.0 90.0
150 155.1 0.0 356.4



#74
N-ethyl acetate
Concen: 0.720 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 43 Resp: 12234
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 10.6 17.8 26.6#
61 0.0 18.9 28.3#

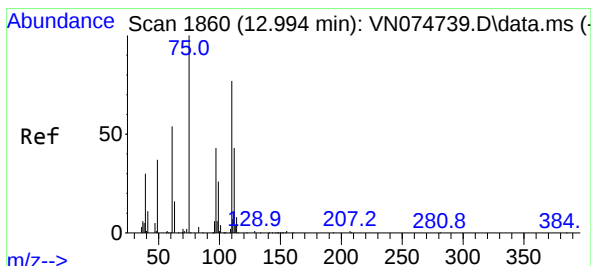
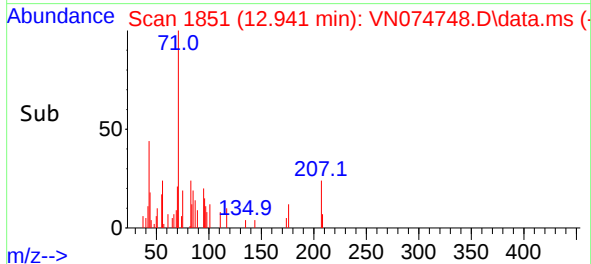
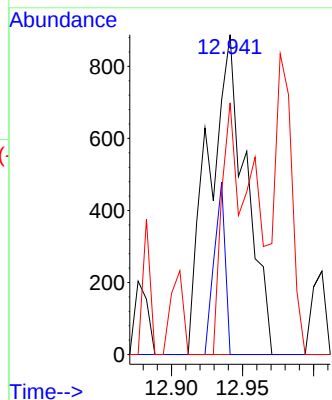
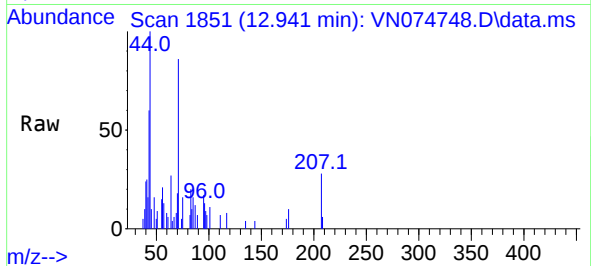




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

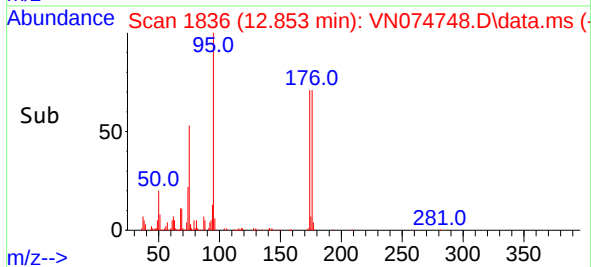
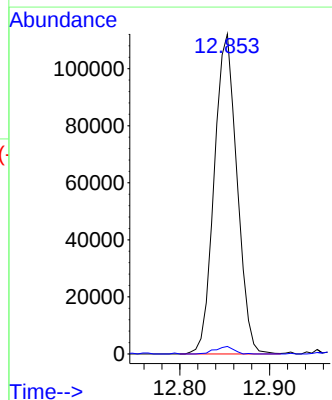
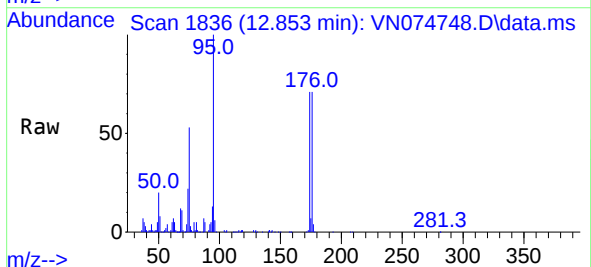
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

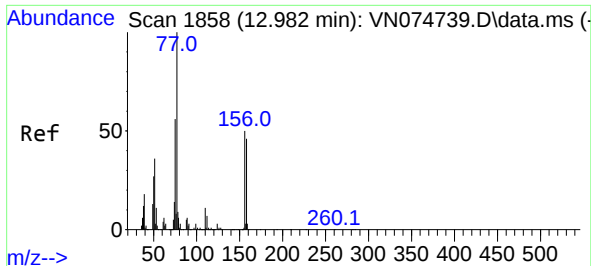
Tgt Ion: 83 Resp: 1618
Ion Ratio Lower Upper
83 100
131 15.9 4.3 12.8#
85 61.9 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 22.670 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 75 Resp: 197661
Ion Ratio Lower Upper
75 100
77 1.9 76.9 230.7#

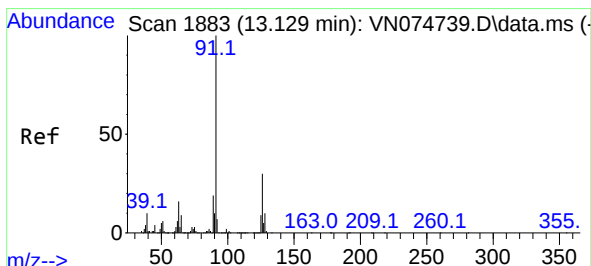
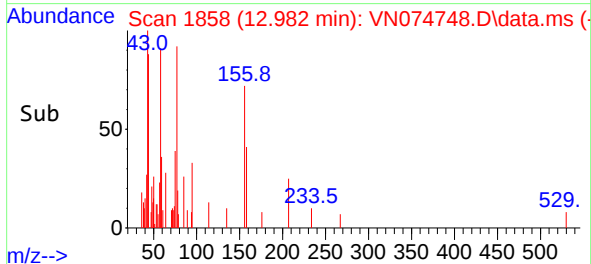
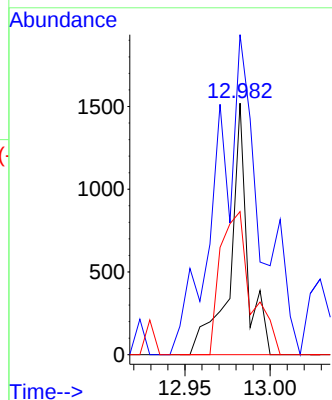
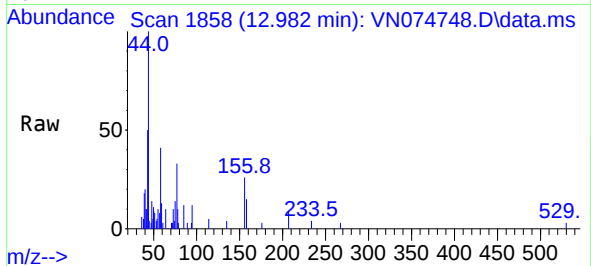




#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

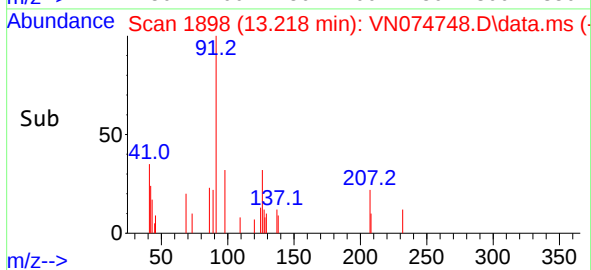
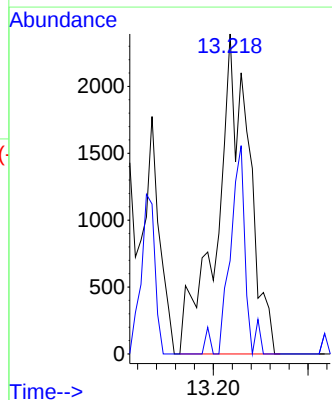
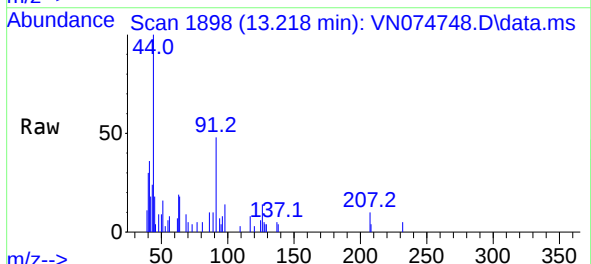
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

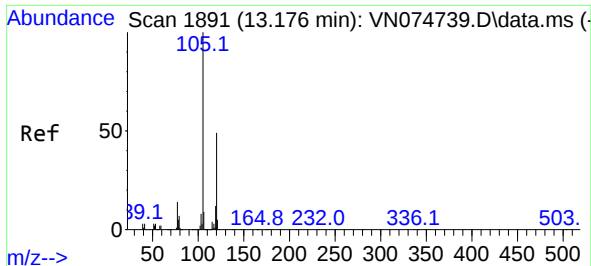
Tgt Ion:156 Resp: 1072
Ion Ratio Lower Upper
156 100
77 312.7 124.7 374.1
158 101.2 48.3 144.9



#79
2-Chlorotoluene
Concen: 0.287 ug/l
RT: 13.218 min Scan# 1898
Delta R.T. 0.088 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 91 Resp: 5643
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.0

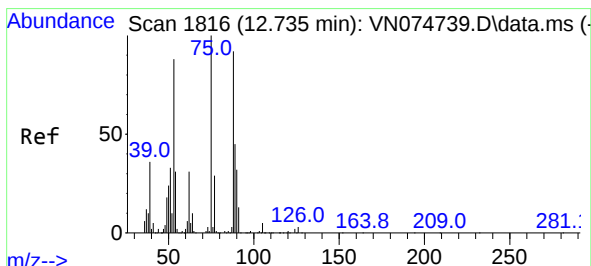
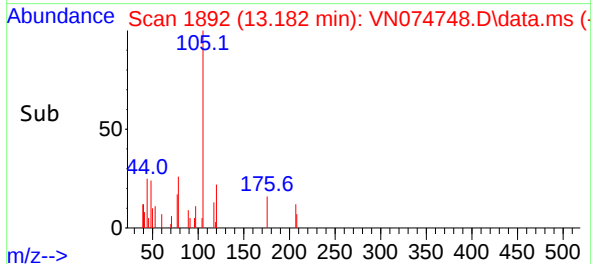
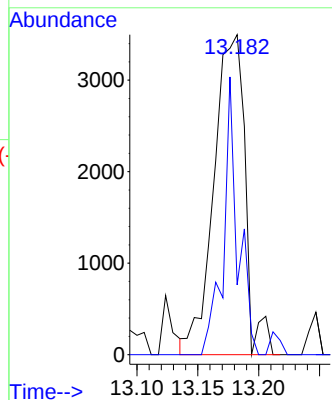
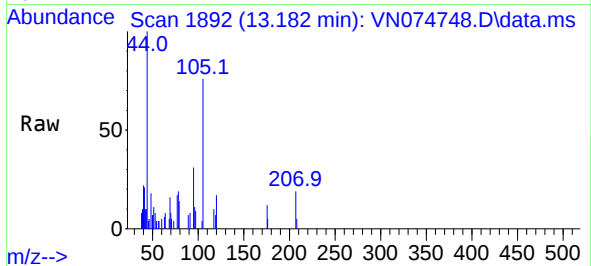




#80
1,3,5-Trimethylbenzene
Concen: 0.278 ug/l
RT: 13.182 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

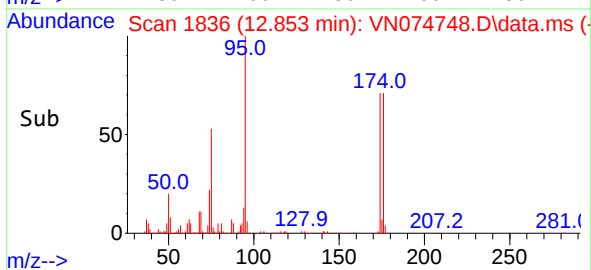
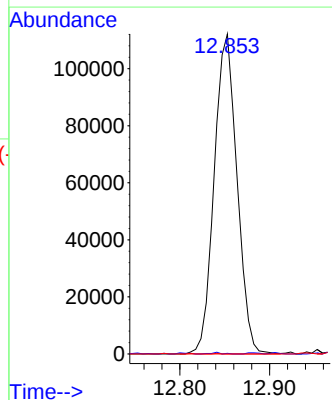
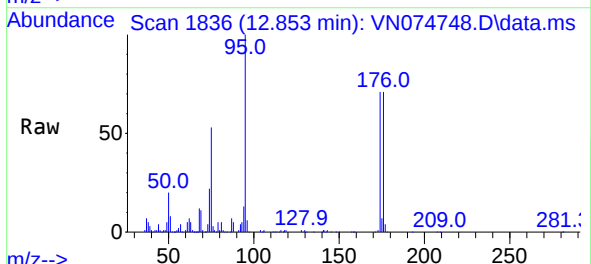
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

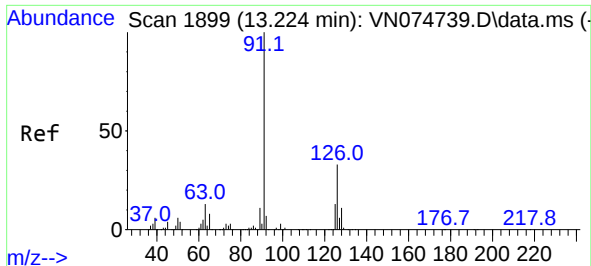
Tgt Ion:105 Resp: 6241
Ion Ratio Lower Upper
105 100
120 40.2 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 44.170 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 75 Resp: 197661
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.0#
89 0.0 32.1 48.1#

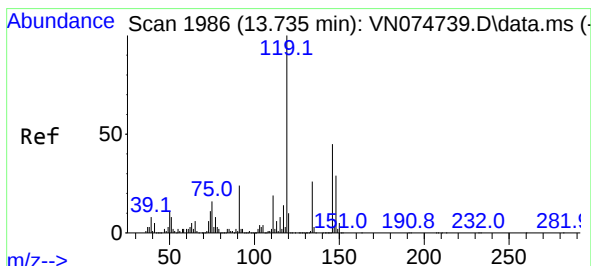
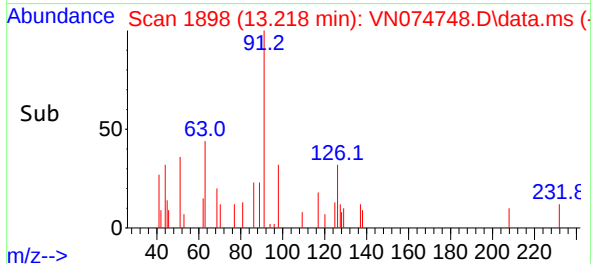
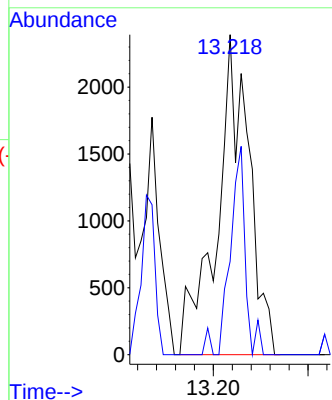
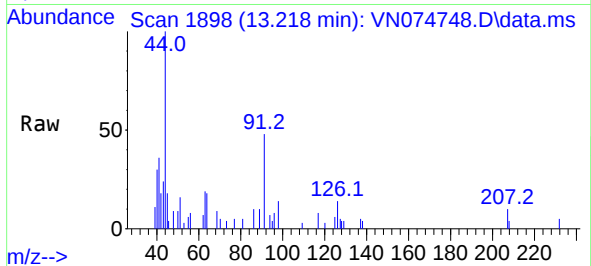




#82
4-Chlorotoluene
Concen: 0.310 ug/l
RT: 13.218 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

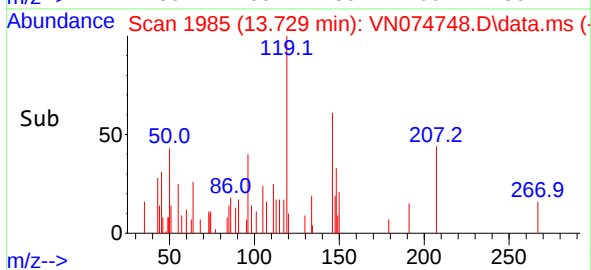
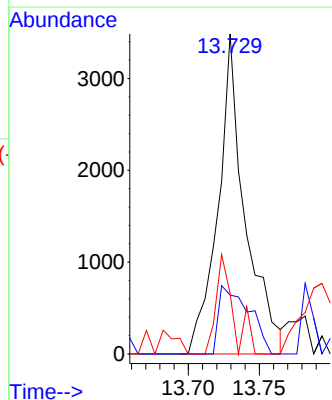
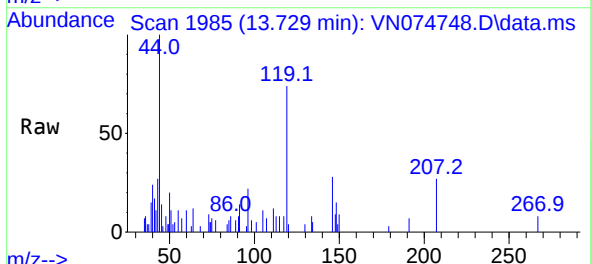
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

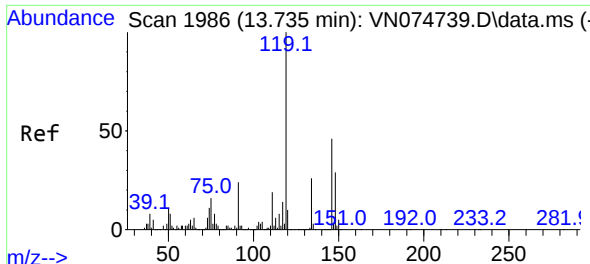
Tgt Ion: 91 Resp: 5643
Ion Ratio Lower Upper
91 100
126 30.8 16.4 49.2



#86
p-Isopropyltoluene
Concen: 0.213 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. -0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion: 119 Resp: 4618
Ion Ratio Lower Upper
119 100
134 23.8 13.1 39.1
91 19.7 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 0.241 ug/l

RT: 13.741 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN074748.D

Acq: 05 Oct 2022 19:36

Instrument :

MSVOA_N

ClientSampleId :

PB148097TB

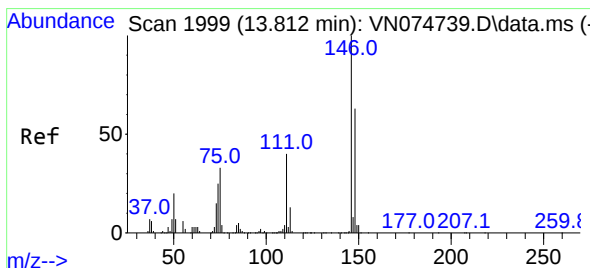
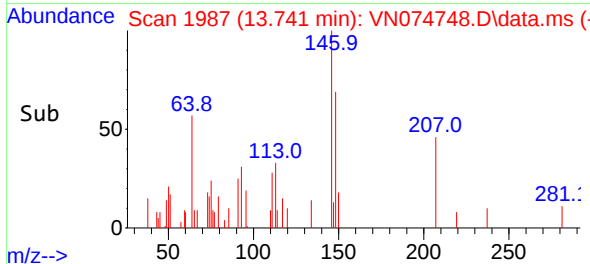
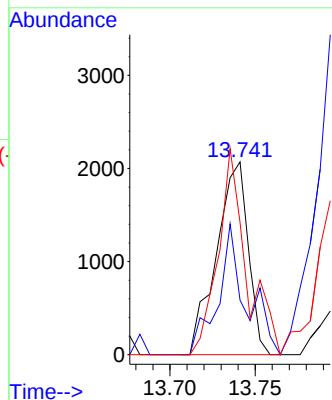
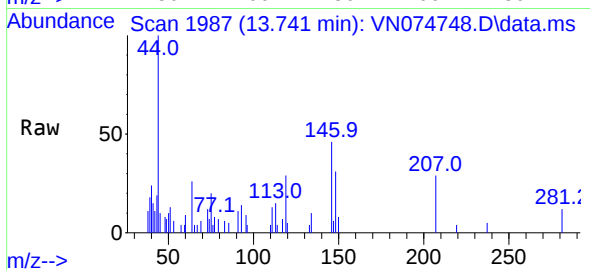
Tgt Ion:146 Resp: 2692

Ion Ratio Lower Upper

146 100

111 59.7 20.8 62.2

148 94.8 31.5 94.5#



#88

1,4-Dichlorobenzene

Concen: 0.393 ug/l

RT: 13.823 min Scan# 2001

Delta R.T. 0.012 min

Lab File: VN074748.D

Acq: 05 Oct 2022 19:36

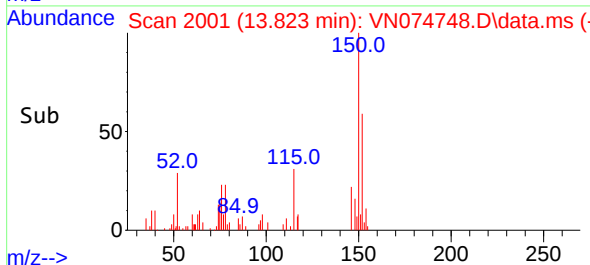
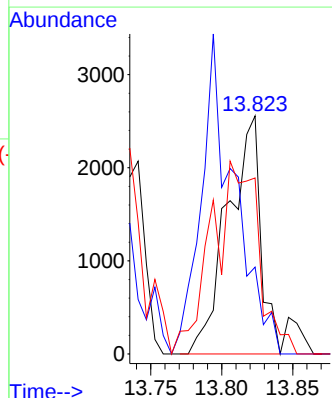
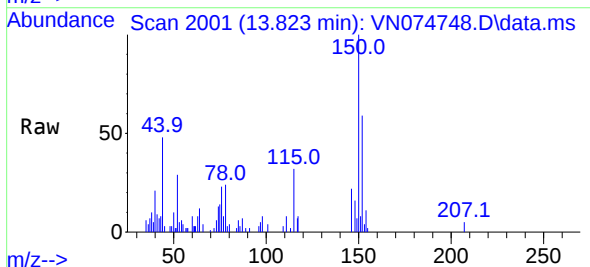
Tgt Ion:146 Resp: 4140

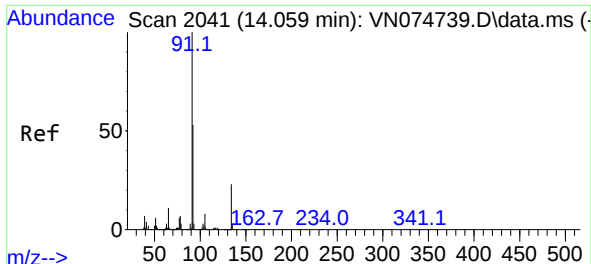
Ion Ratio Lower Upper

146 100

111 0.0 19.9 59.6#

148 0.0 31.8 95.4#

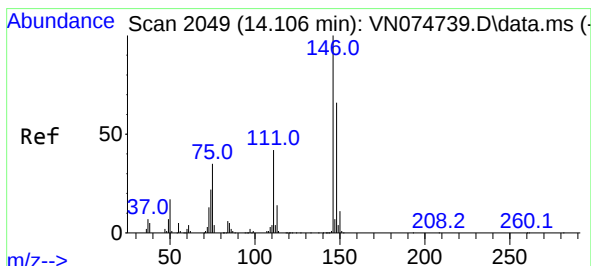
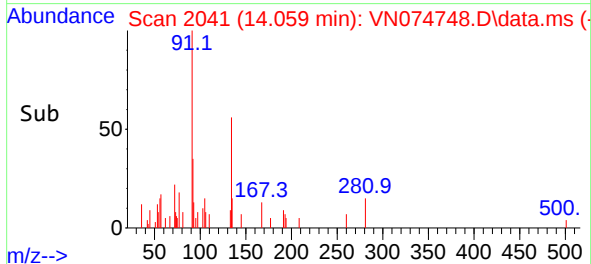
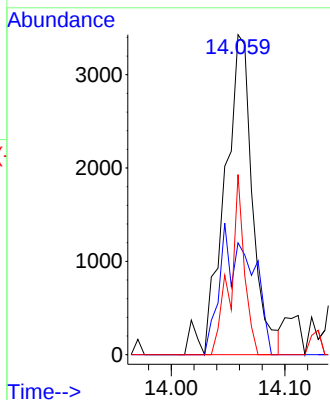
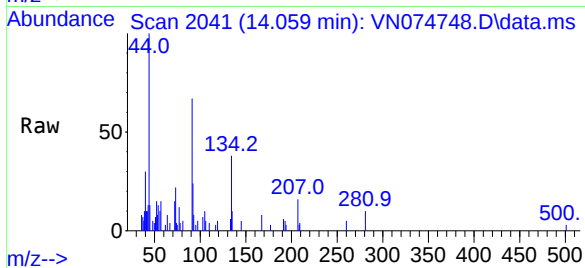




#89
n-Butylbenzene
Concen: 0.309 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

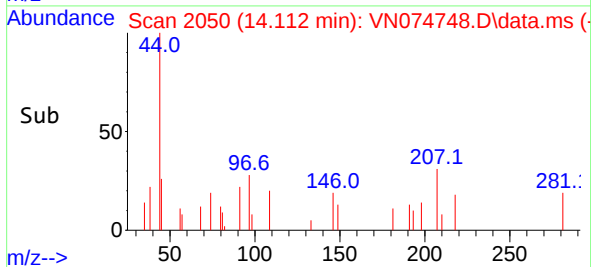
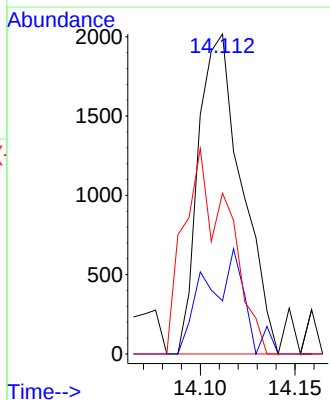
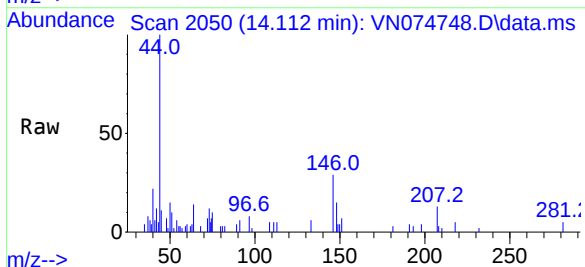
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

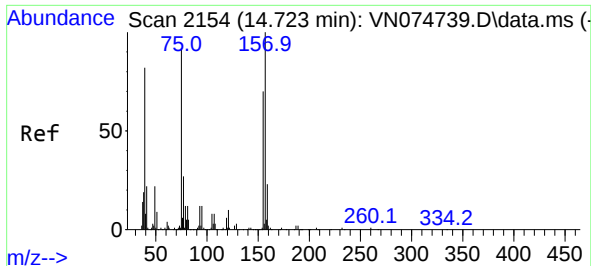
Tgt Ion: 91 Resp: 5913
Ion Ratio Lower Upper
91 100
92 18.3 26.7 80.0#
134 28.0 11.9 35.5



#91
1,2-Dichlorobenzene
Concen: 0.299 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion:146 Resp: 3206
Ion Ratio Lower Upper
146 100
111 29.3 21.5 64.5
148 66.3 31.9 95.9

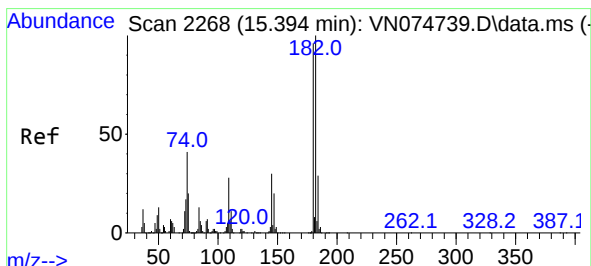
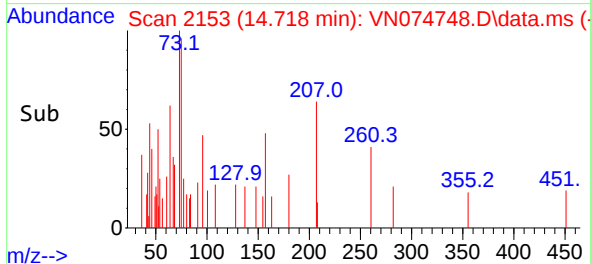
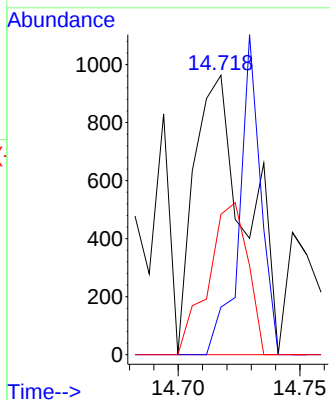
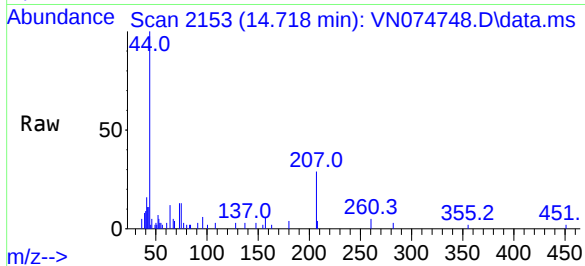




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.607 ug/l
RT: 14.718 min Scan# 2153
Delta R.T. -0.005 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

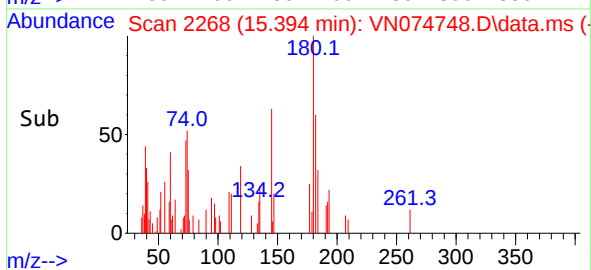
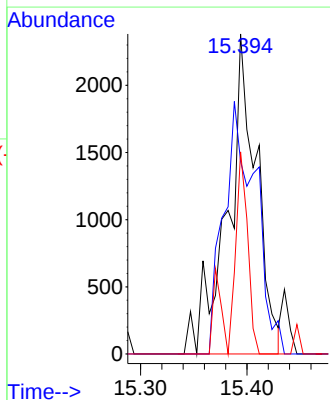
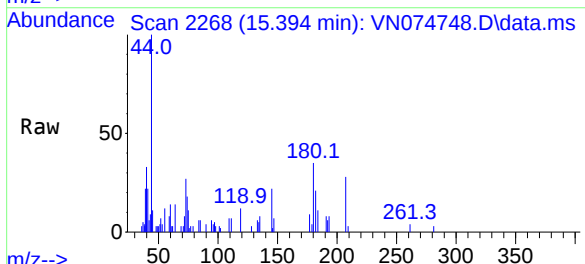
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

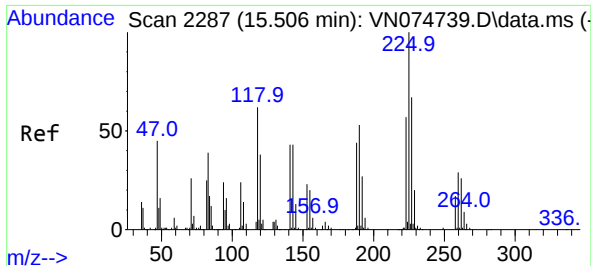
Tgt Ion: 75 Resp: 1415
Ion Ratio Lower Upper
75 100
155 47.3 40.3 120.8
157 41.8 51.3 153.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.961 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

Tgt Ion:180 Resp: 4514
Ion Ratio Lower Upper
180 100
182 86.4 48.5 145.5
145 25.9 16.1 48.3

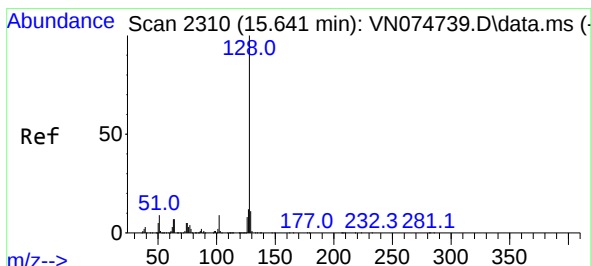
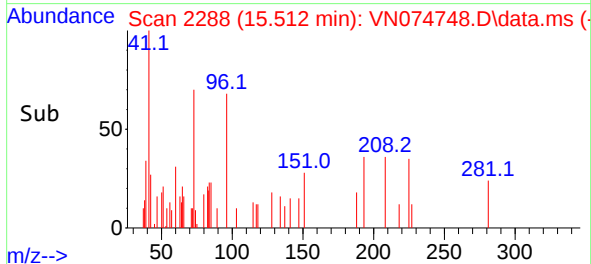
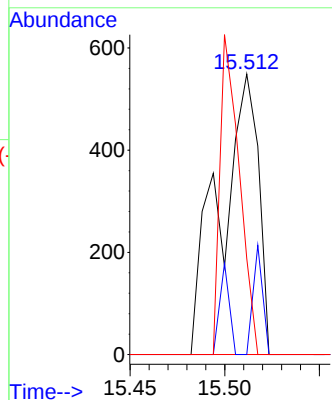
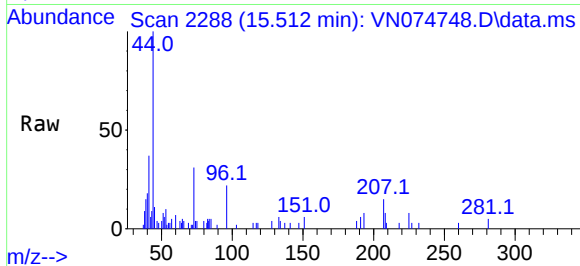




#94
Hexachlorobutadiene
Concen: 0.351 ug/l
RT: 15.512 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

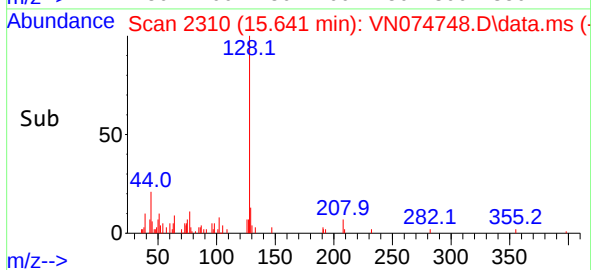
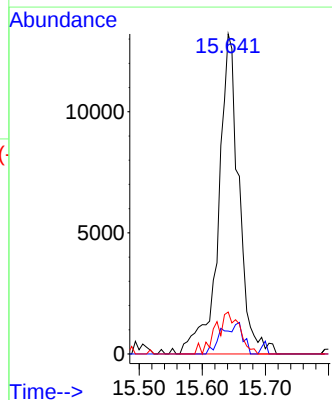
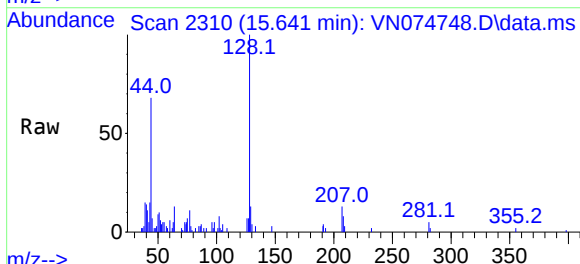
Instrument :
MSVOA_N
ClientSampleId :
PB148097TB

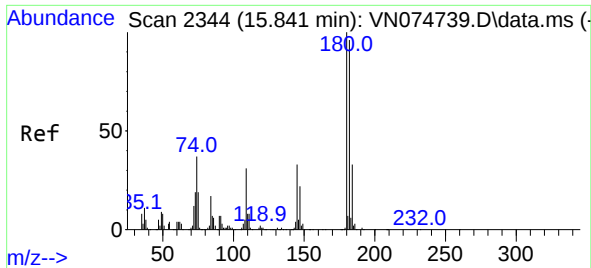
Tgt Ion:225 Resp: 772
Ion Ratio Lower Upper
225 100
223 9.8 31.7 95.1#
227 0.0 31.2 93.6#



#95
Naphthalene
Concen: 1.463 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074748.D
Acq: 05 Oct 2022 19:36

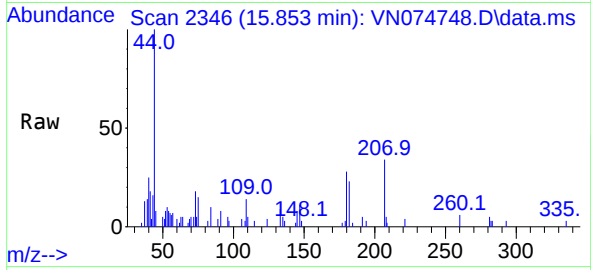
Tgt Ion:128 Resp: 29705
Ion Ratio Lower Upper
128 100
127 5.7 10.2 15.2#
129 14.9 9.0 13.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.207 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN074748.D
 Acq: 05 Oct 2022 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148097TB



Tgt Ion:180 Resp: 5215

Ion	Ratio	Lower	Upper
180	100		
182	78.8	47.3	142.0
145	39.1	17.1	51.2

