

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076044.D
 Acq On : 29 Dec 2022 13:19
 Operator : JC\MD
 Sample : PB149968TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149968TB

Quant Time: Dec 30 05:32:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	352398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	550755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	488978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	172409	44.971	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.940%		
35) Dibromofluoromethane	8.177	113	161056	47.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.440%		
50) Toluene-d8	10.571	98	642344	50.370	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.740%		
62) 4-Bromofluorobenzene	12.847	95	198878	47.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.180%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.512	59	1091	2.011	ug/l #	72
13) Acrolein	4.200	56	183	0.275	ug/l #	16
16) Acetone	4.448	43	65555	49.604	ug/l	98
18) Methyl Acetate	5.053	43	2645	0.677	ug/l #	63
20) Methylene Chloride	5.289	84	20670	5.274	ug/l	98
25) 2-Butanone	7.494	43	24229	13.094	ug/l	95
29) Tetrahydrofuran	7.847	42	2286	1.971	ug/l #	77
31) Cyclohexane	8.236	56	6460	1.177	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	22828	5.038	ug/l #	51
37) Ethyl Acetate	7.571	43	34413	9.456	ug/l	100
38) Carbon Tetrachloride	8.236	117	34210	6.746	ug/l #	16
41) Methacrylonitrile	7.847	41	1711	0.904	ug/l #	26
42) 1,2-Dichloroethane	8.683	62	1338	0.288	ug/l #	72
43) Isopropyl Acetate	8.694	43	189060	31.492	ug/l #	86
45) 1,2-Dichloropropane	9.735	63	2265	0.666	ug/l #	43
48) Methyl methacrylate	9.671	41	5266	1.948	ug/l #	38
49) 1,4-Dioxane	9.712	88	53	0.797	ug/l #	30
51) 4-Methyl-2-Pentanone	10.441	43	21482	5.917	ug/l #	83
52) Toluene	10.630	92	3344	0.367	ug/l	91
54) cis-1,3-Dichloropropene	10.359	75	74859	14.077	ug/l #	62
57) 1,3-Dichloropropane	11.200	76	9689	1.653	ug/l #	42
59) 2-Hexanone	11.177	43	143725	54.283	ug/l #	20
71) Bromoform	12.847	173	1596	0.590	ug/l #	1
74) N-amyl acetate	12.494	43	2183	0.511	ug/l #	66
76) 1,2,3-Trichloropropane	12.853	75	100400	24.737	ug/l #	1
77) Bromobenzene	12.988	156	790	0.215	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.853	75	100400	89.040	ug/l #	12
87) 1,3-Dichlorobenzene	13.735	146	2110	0.310	ug/l	96
88) 1,4-Dichlorobenzene	13.735	146	2110	0.304	ug/l	96
89) n-Butylbenzene	14.053	91	2648	0.265	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	1925	0.287	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	3280	0.989	ug/l	88
95) Naphthalene	15.647	128	12772	3.292	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	3199	1.032	ug/l	93

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Sample : PB149968TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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PB149968TB

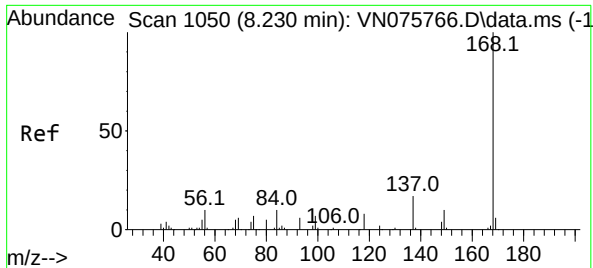
Quant Time: Dec 30 05:32:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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

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

Quant Time: Dec 30 05:32:00 2022
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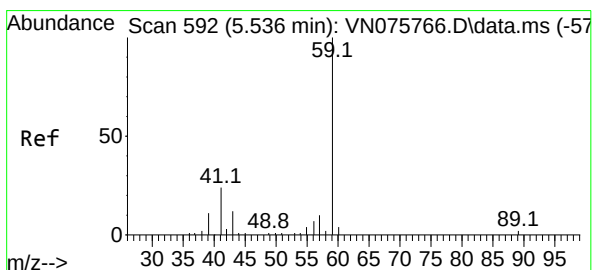
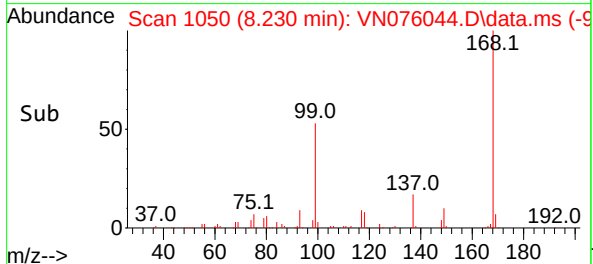
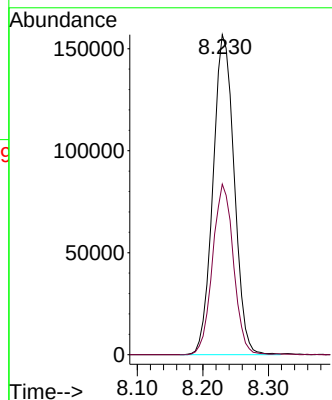
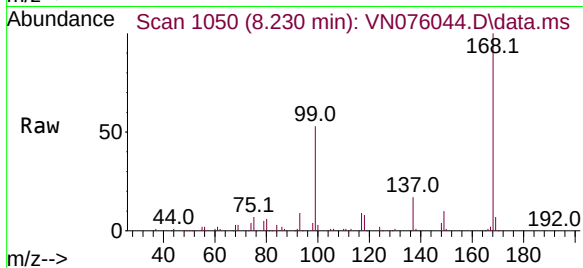




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

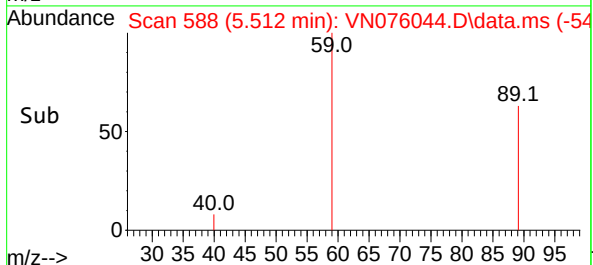
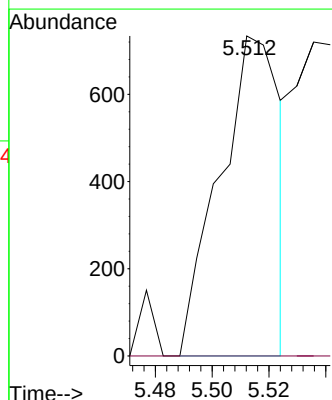
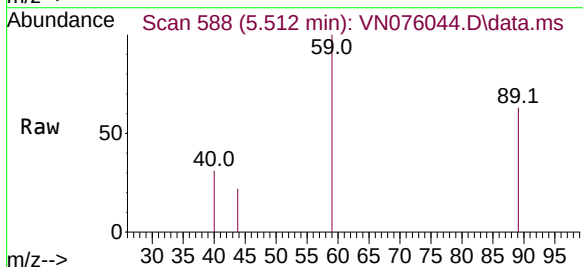
Instrument :
MSVOA_N
ClientSampleId :
PB149968TB

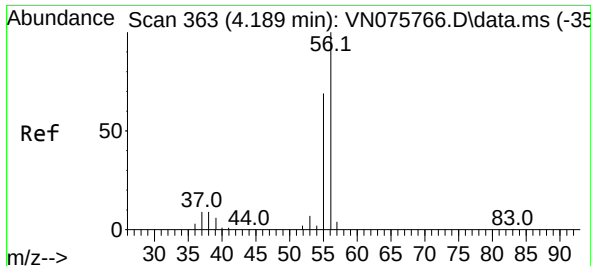
Tgt Ion:168 Resp: 352398
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 2.011 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.023 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion: 59 Resp: 1091
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

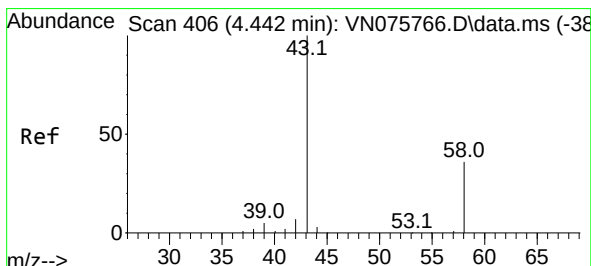
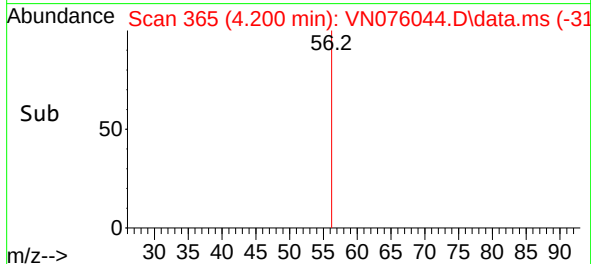
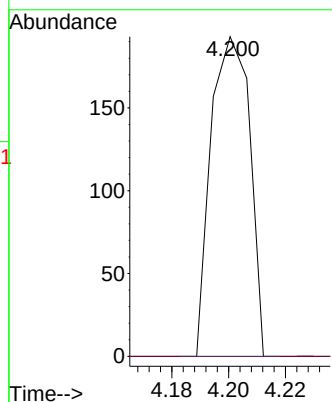
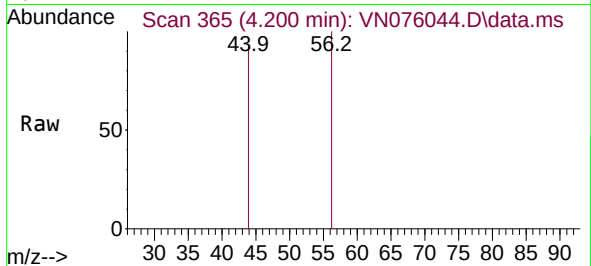




#13
Acrolein
Concen: 0.275 ug/l
RT: 4.200 min Scan# 307
Delta R.T. 0.012 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

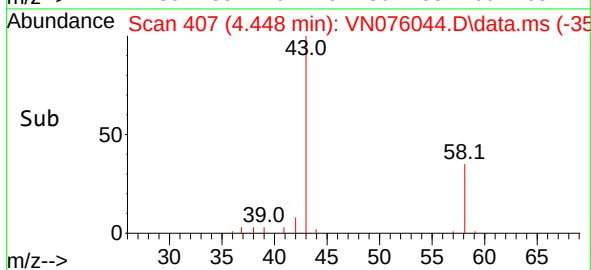
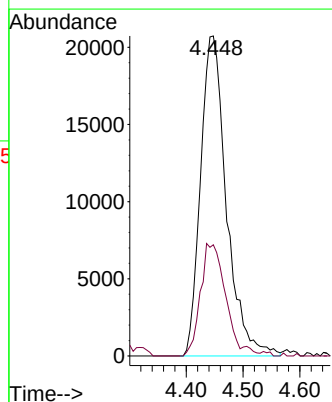
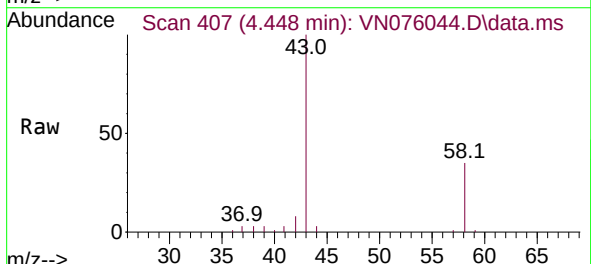
Instrument :
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ClientSampleId :
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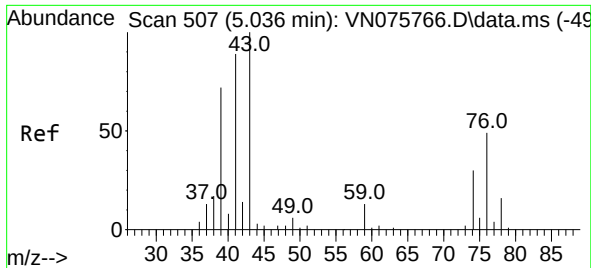
Tgt Ion: 56 Resp: 183
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 49.604 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion: 43 Resp: 65555
Ion Ratio Lower Upper
43 100
58 34.7 28.6 43.0

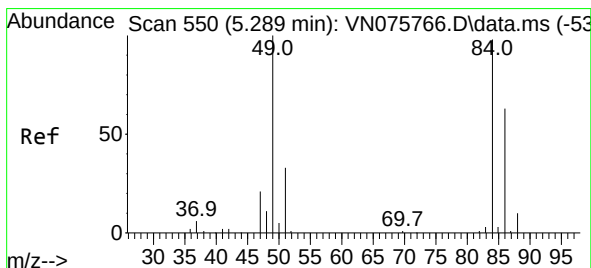
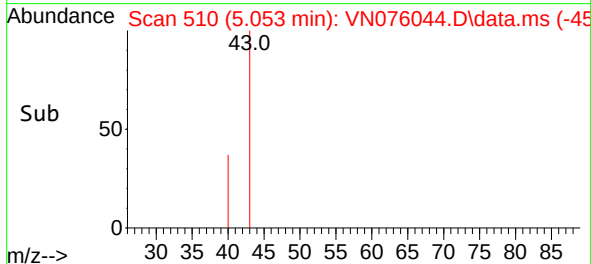
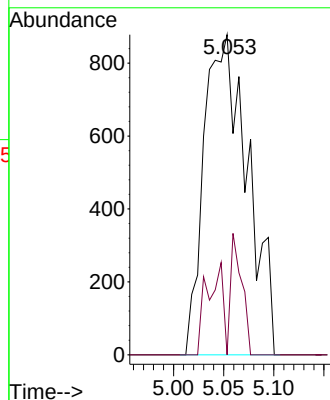
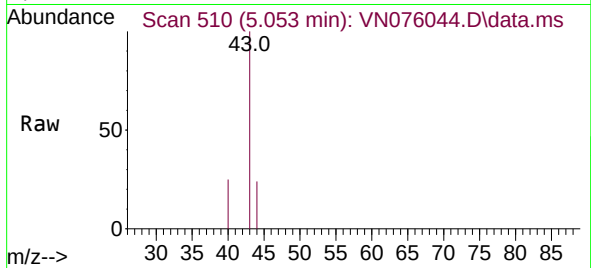




#18
Methyl Acetate
Concen: 0.677 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.018 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

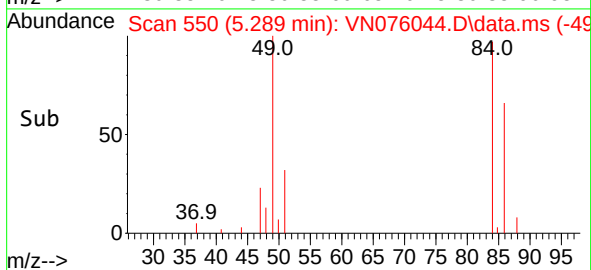
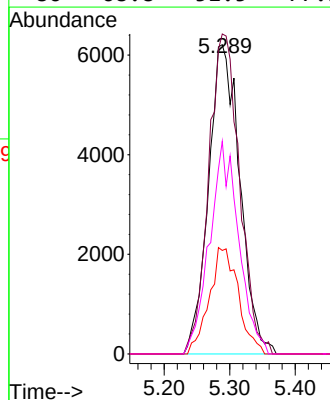
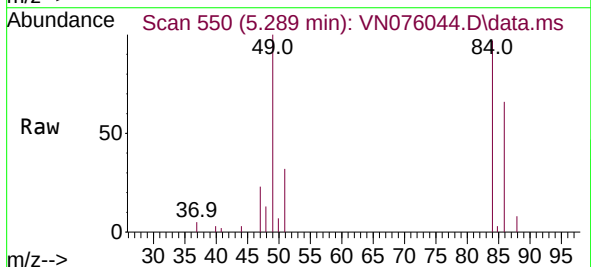
Instrument :
MSVOA_N
ClientSampleId :
PB149968TB

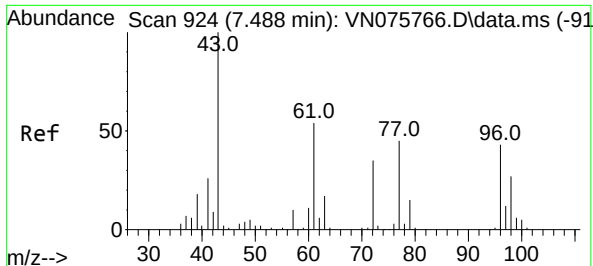
Tgt Ion: 43 Resp: 2645
Ion Ratio Lower Upper
43 100
74 9.8 23.6 35.4#



#20
Methylene Chloride
Concen: 5.274 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion: 84 Resp: 20670
Ion Ratio Lower Upper
84 100
49 103.5 81.8 122.6
51 33.5 26.7 40.1
86 68.8 51.5 77.3





#25

2-Butanone

Concen: 13.094 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

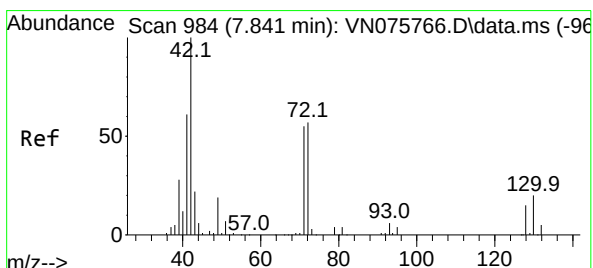
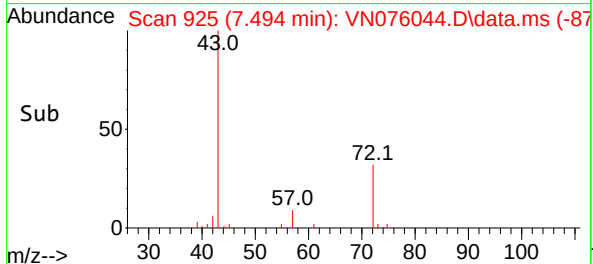
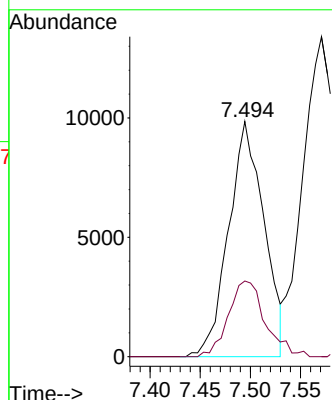
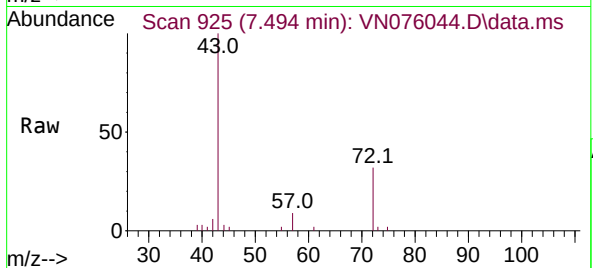
PB149968TB

Tgt Ion: 43 Resp: 24229

Ion Ratio Lower Upper

43 100

72 32.2 28.0 42.0



#29

Tetrahydrofuran

Concen: 1.971 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

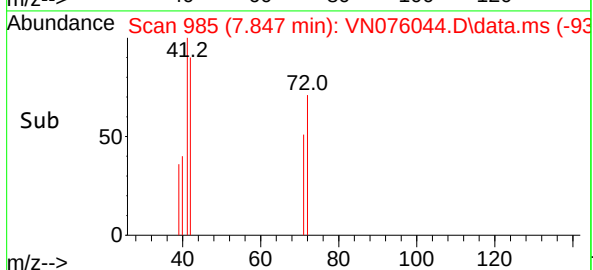
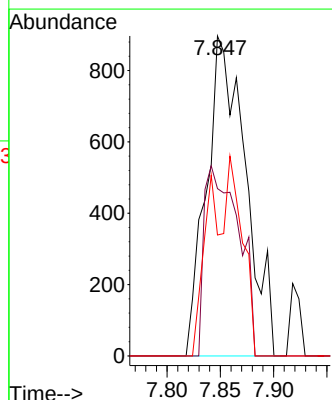
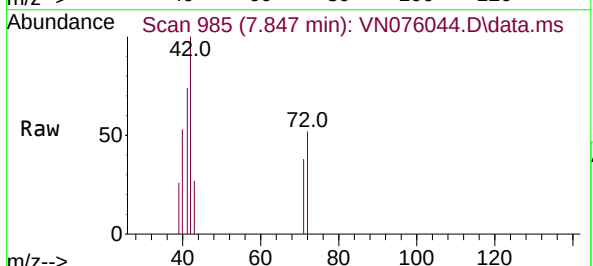
Tgt Ion: 42 Resp: 2286

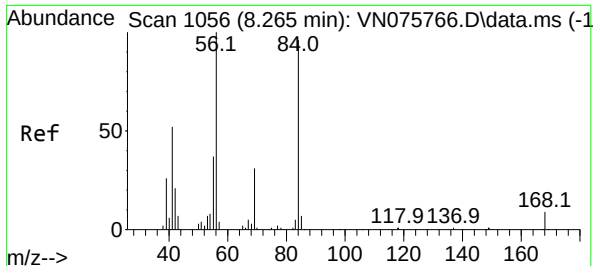
Ion Ratio Lower Upper

42 100

72 52.4 44.5 66.7

71 20.9 41.0 61.6#





#31

Cyclohexane

Concen: 1.177 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.029 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

PB149968TB

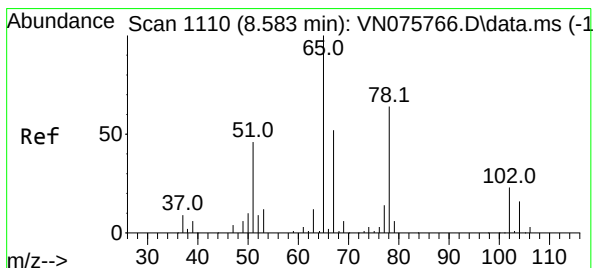
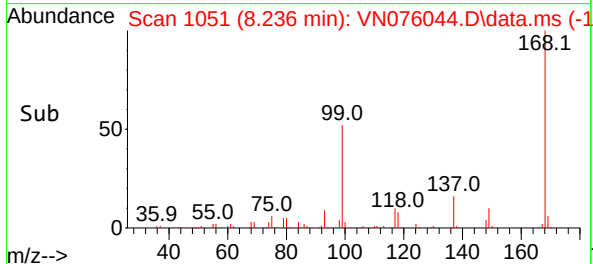
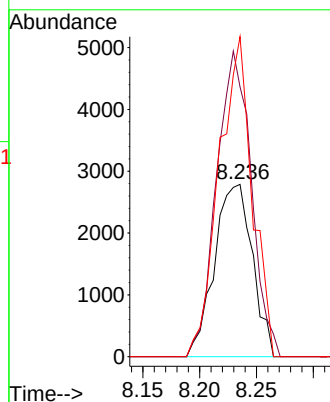
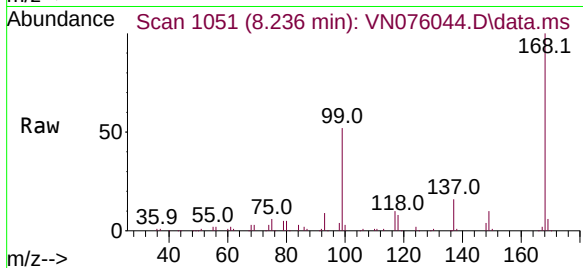
Tgt Ion: 56 Resp: 6460

Ion Ratio Lower Upper

56 100

69 156.5 24.7 37.1#

84 185.7 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 44.971 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076044.D

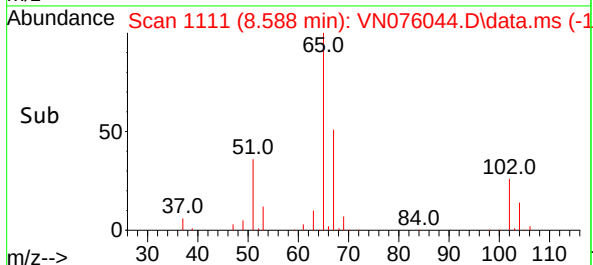
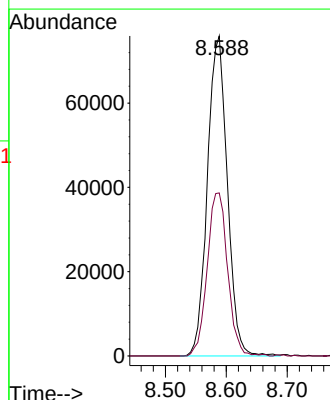
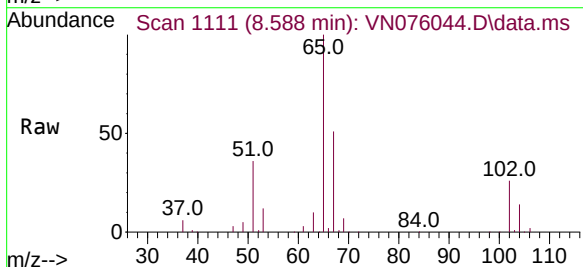
Acq: 29 Dec 2022 13:19

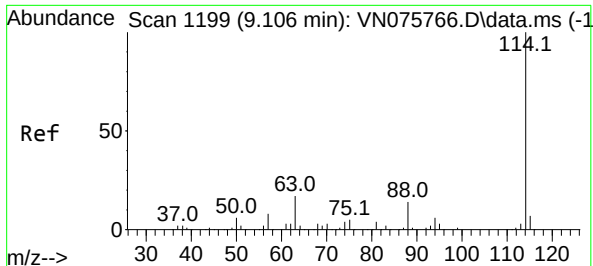
Tgt Ion: 65 Resp: 172409

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076044.D

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Instrument :

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PB149968TB

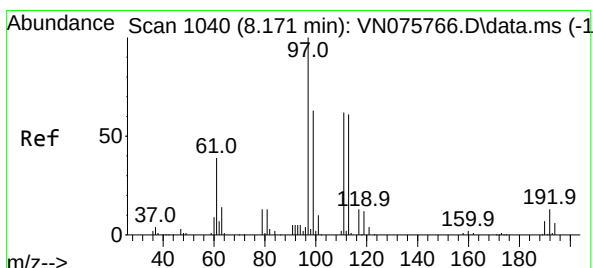
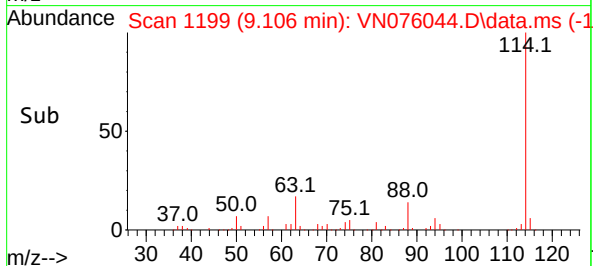
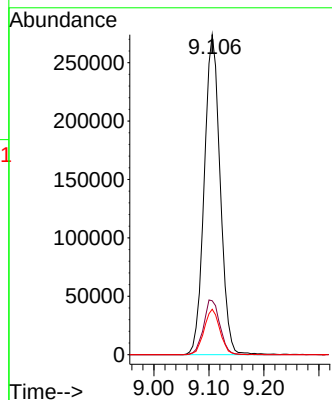
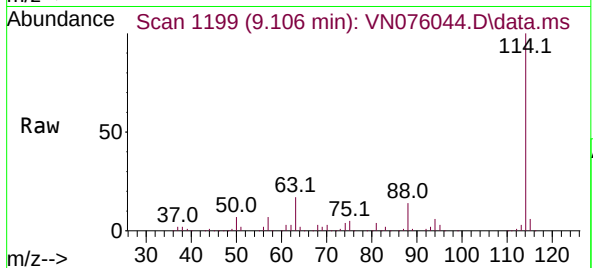
Tgt Ion:114 Resp: 550755

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

88 14.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.220 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

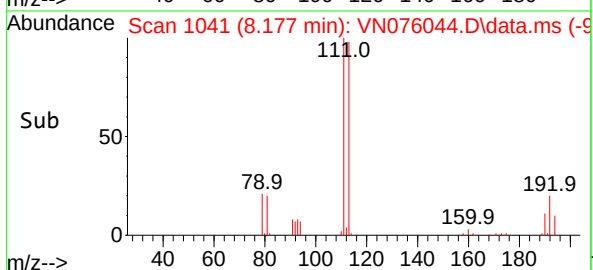
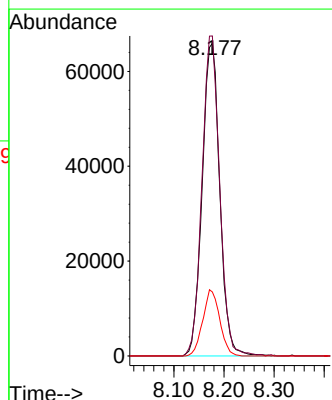
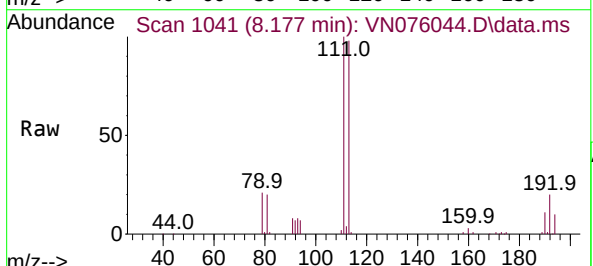
Tgt Ion:113 Resp: 161056

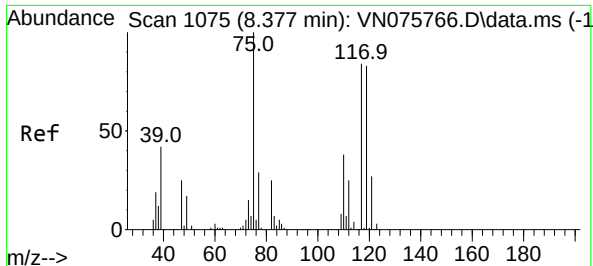
Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 20.4 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.038 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

PB149968TB

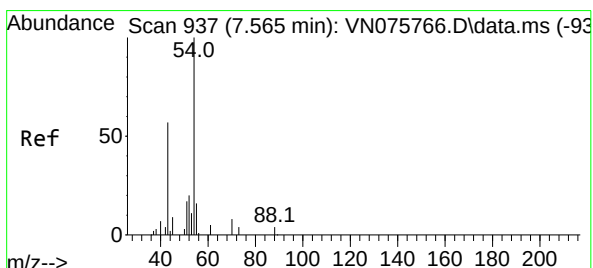
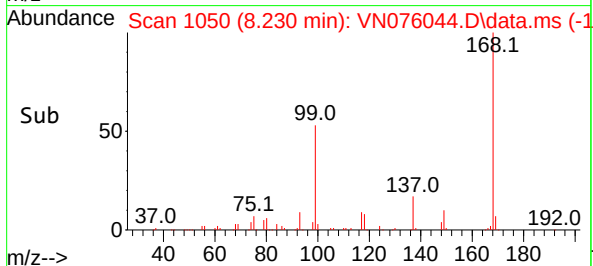
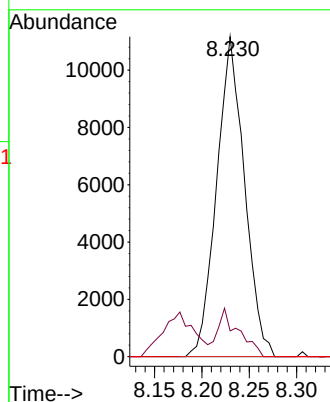
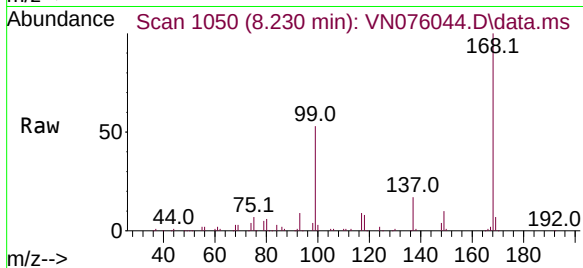
Tgt Ion: 75 Resp: 22828

Ion Ratio Lower Upper

75 100

110 11.4 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 9.456 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

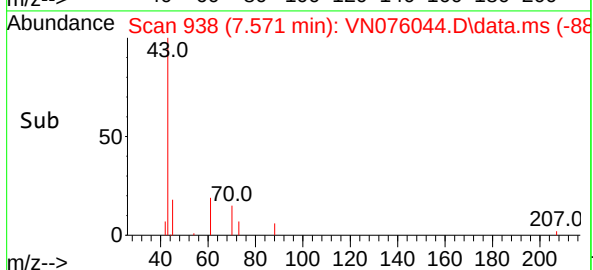
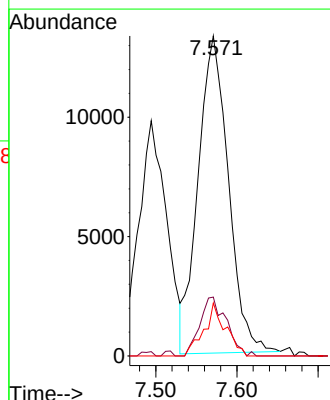
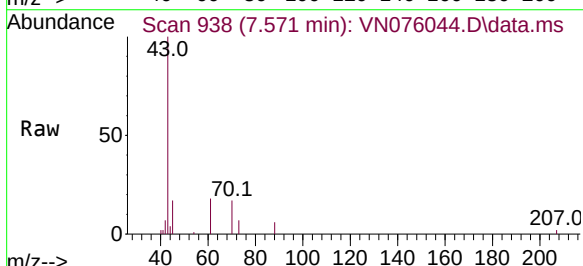
Tgt Ion: 43 Resp: 34413

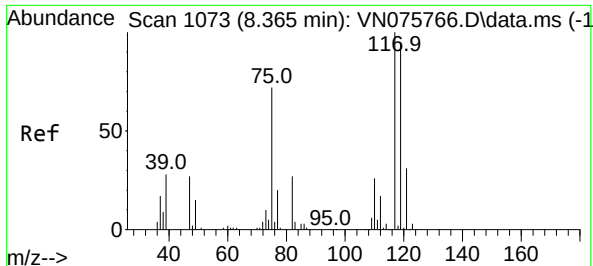
Ion Ratio Lower Upper

43 100

61 16.2 13.0 19.4

70 11.9 9.4 14.0

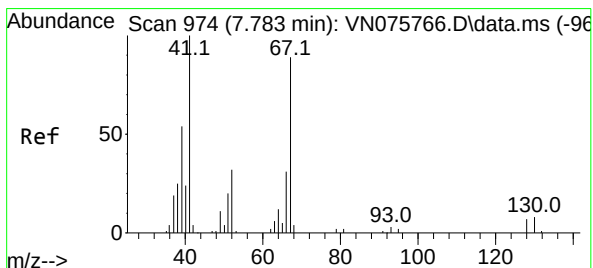
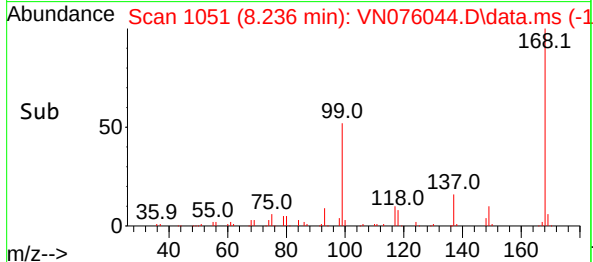
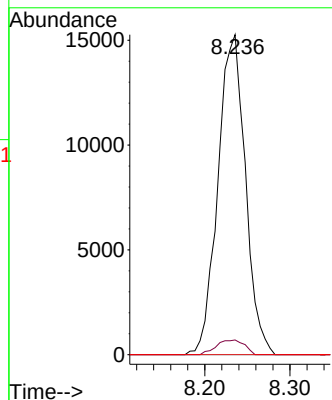
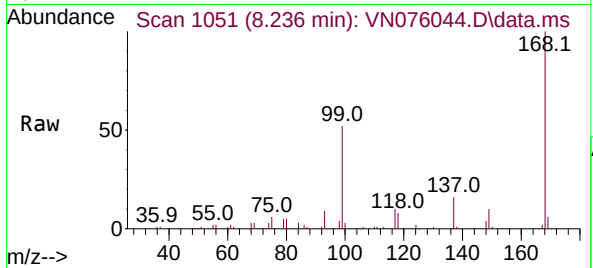




#38
Carbon Tetrachloride
Concen: 6.746 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

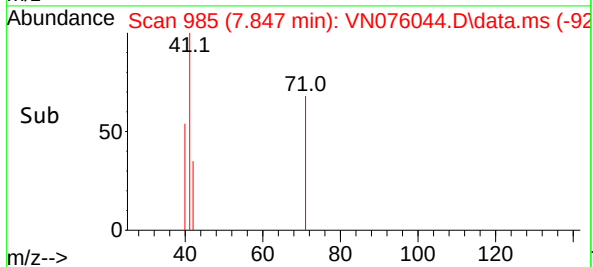
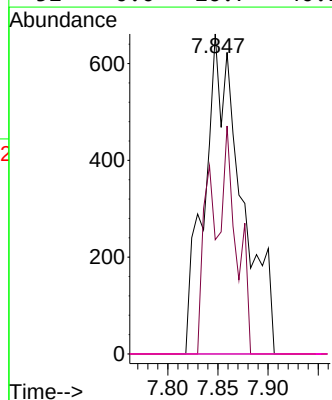
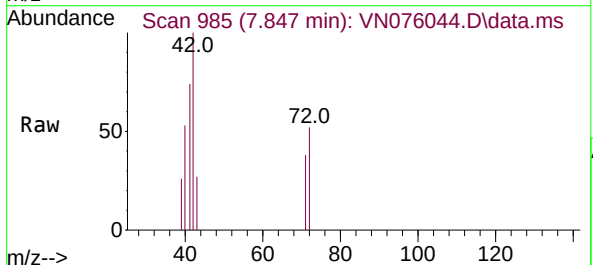
Instrument :
MSVOA_N
ClientSampleId :
PB149968TB

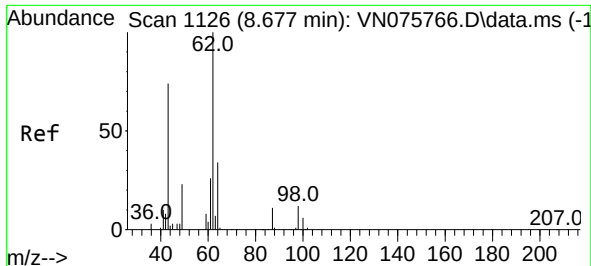
Tgt Ion:117 Resp: 34210
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 0.904 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.065 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion: 41 Resp: 1711
Ion Ratio Lower Upper
41 100
39 19.1 43.1 64.7#
67 0.0 70.7 106.1#
52 0.0 26.7 40.1#





#42

1,2-Dichloroethane

Concen: 0.288 ug/l

RT: 8.683 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

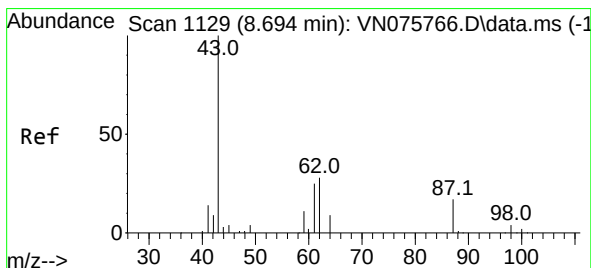
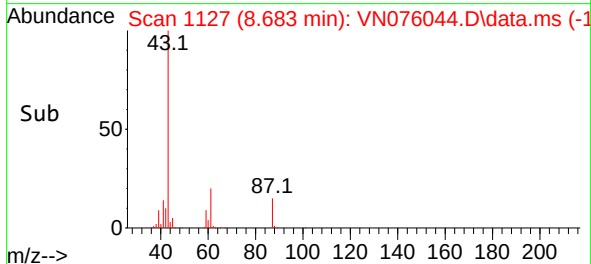
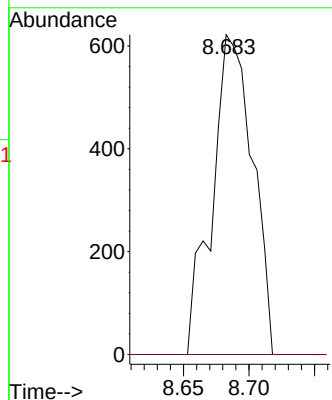
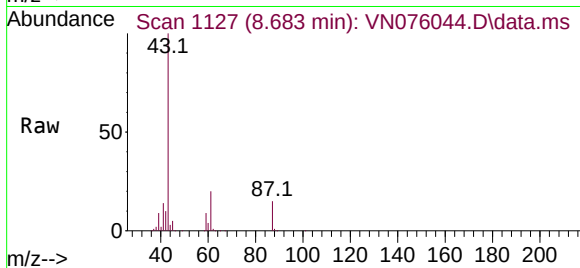
PB149968TB

Tgt Ion: 62 Resp: 1338

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.8



#43

Isopropyl Acetate

Concen: 31.492 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

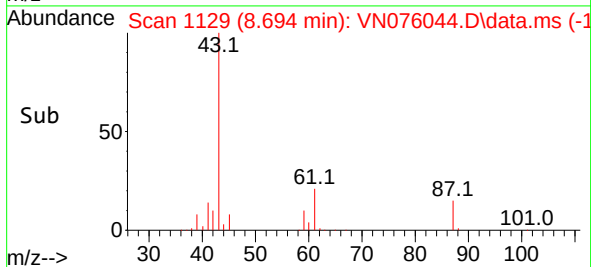
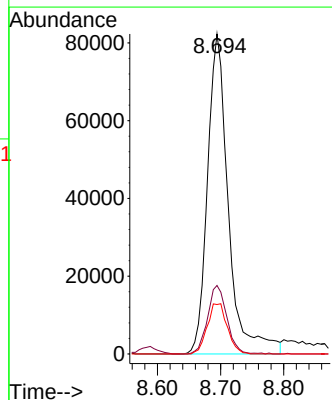
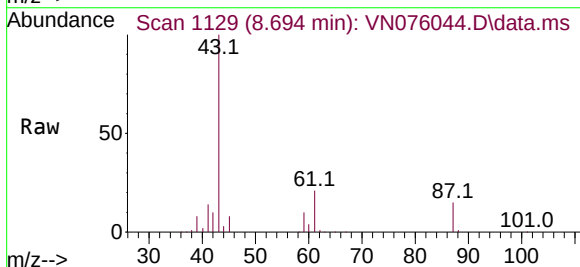
Tgt Ion: 43 Resp: 189060

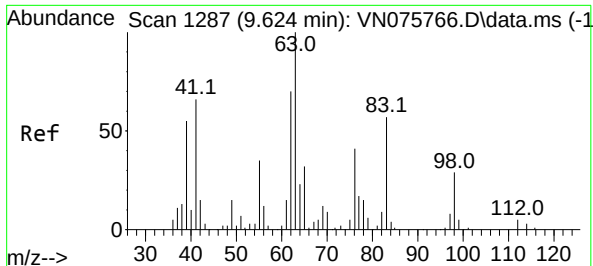
Ion Ratio Lower Upper

43 100

61 19.8 24.2 36.4#

87 15.0 13.3 19.9





#45

1,2-Dichloropropane

Concen: 0.666 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.112 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

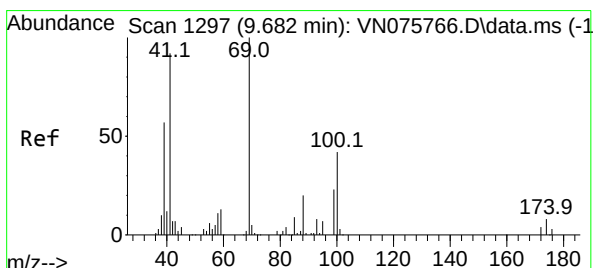
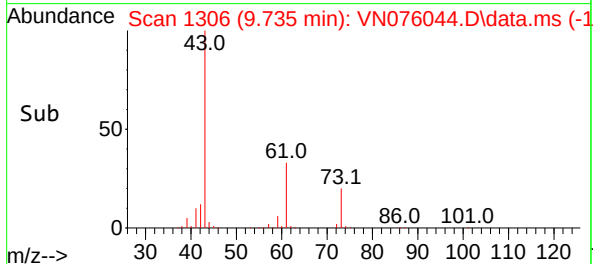
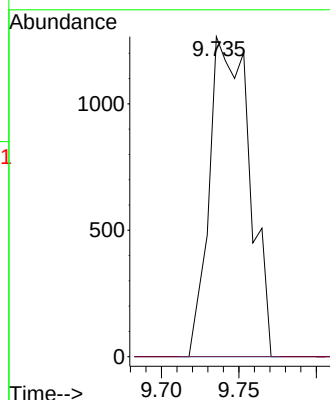
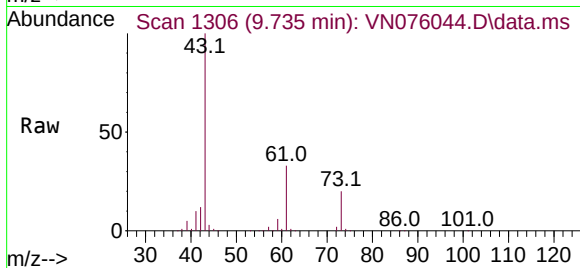
PB149968TB

Tgt Ion: 63 Resp: 2265

Ion Ratio Lower Upper

63 100

65 0.0 25.7 38.5#



#48

Methyl methacrylate

Concen: 1.948 ug/l

RT: 9.671 min Scan# 1295

Delta R.T. -0.012 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

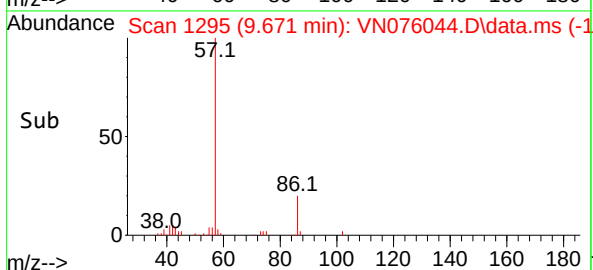
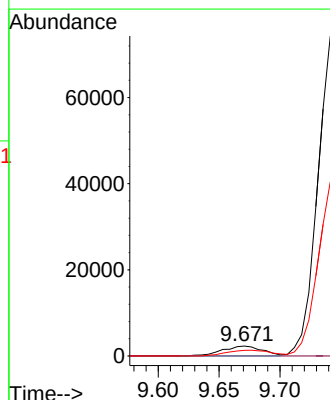
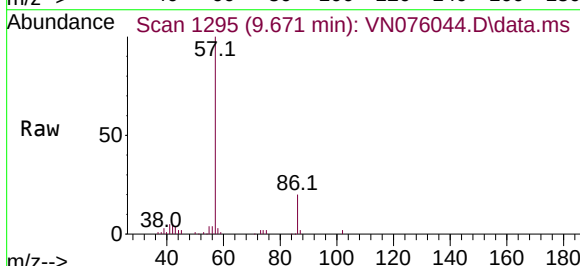
Tgt Ion: 41 Resp: 5266

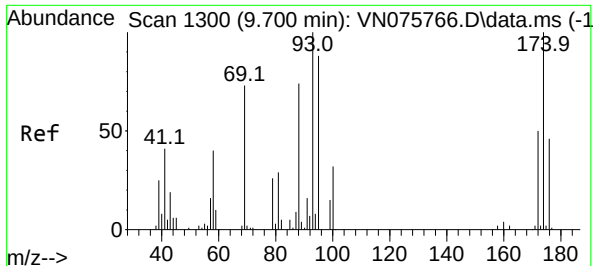
Ion Ratio Lower Upper

41 100

69 0.0 81.9 122.9#

39 65.0 51.6 77.4





#49

1,4-Dioxane

Concen: 0.797 ug/l

RT: 9.712 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

PB149968TB

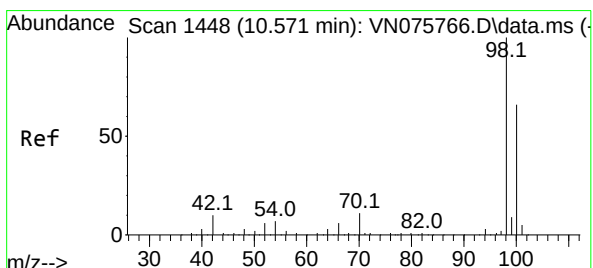
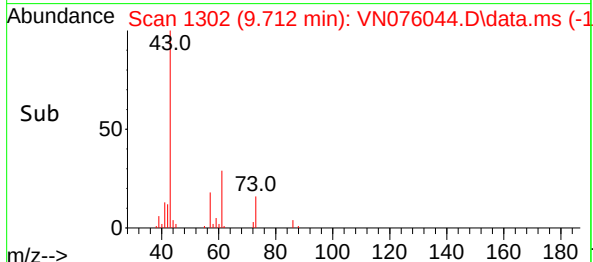
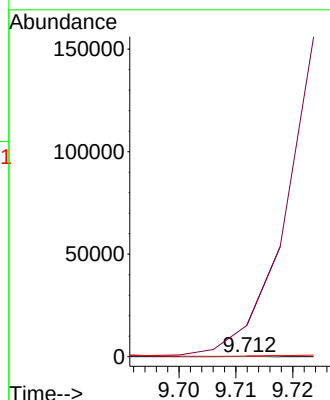
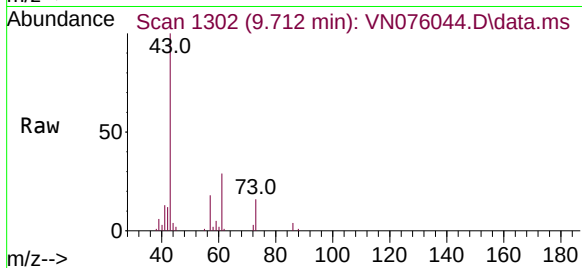
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 0.0 47.8 71.8#



#50

Toluene-d8

Concen: 50.370 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076044.D

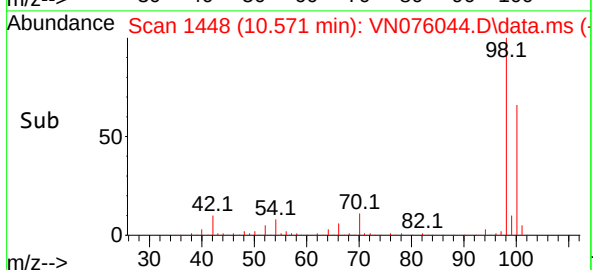
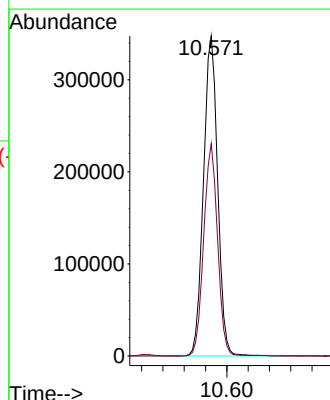
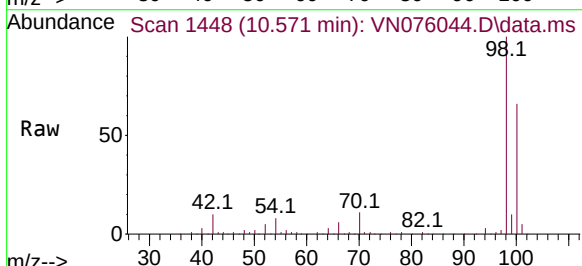
Acq: 29 Dec 2022 13:19

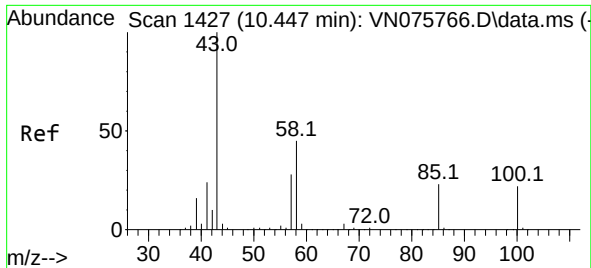
Tgt Ion: 98 Resp: 642344

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1

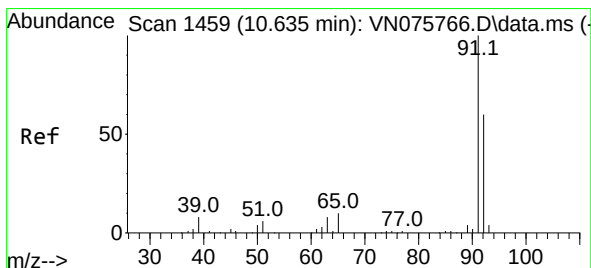
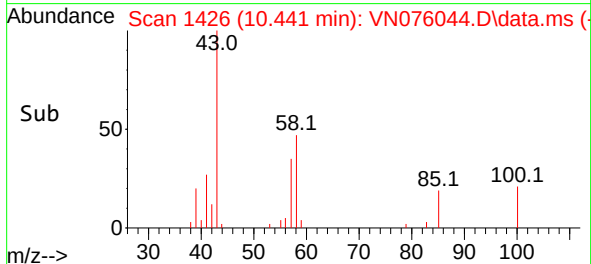
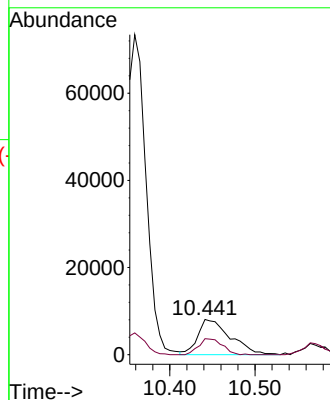
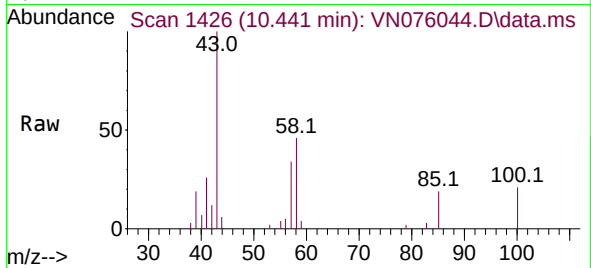




#51
4-Methyl-2-Pentanone
Concen: 5.917 ug/l
RT: 10.441 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

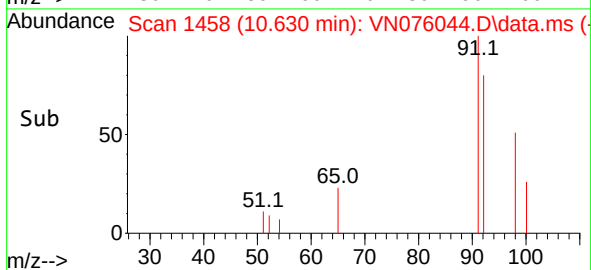
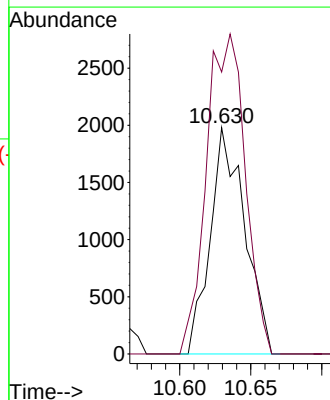
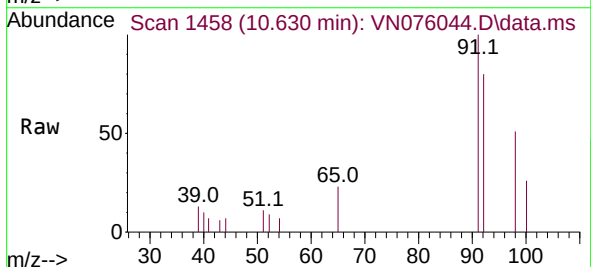
Instrument :
MSVOA_N
ClientSampleId :
PB149968TB

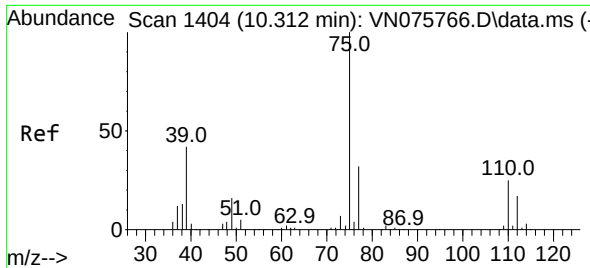
Tgt Ion: 43 Resp: 21482
Ion Ratio Lower Upper
43 100
58 33.2 35.5 53.3#



#52
Toluene
Concen: 0.367 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion: 92 Resp: 3344
Ion Ratio Lower Upper
92 100
91 159.1 137.3 205.9

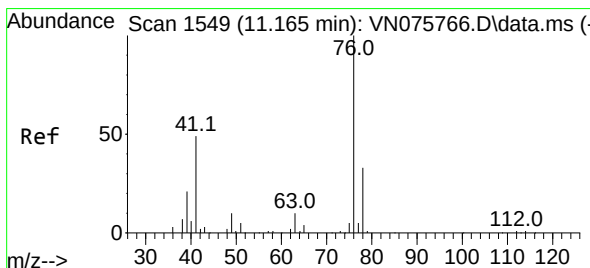
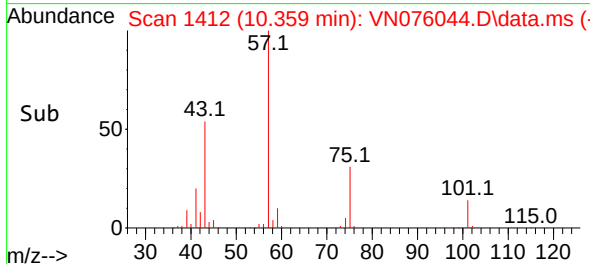
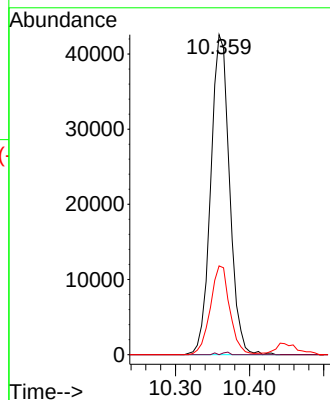
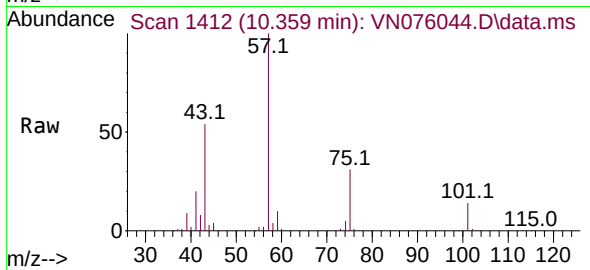




#54
 cis-1,3-Dichloropropene
 Concen: 14.077 ug/l
 RT: 10.359 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN076044.D
 Acq: 29 Dec 2022 13:19

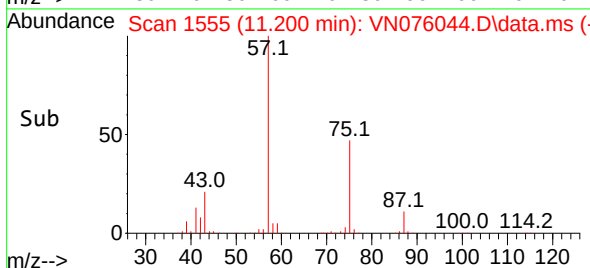
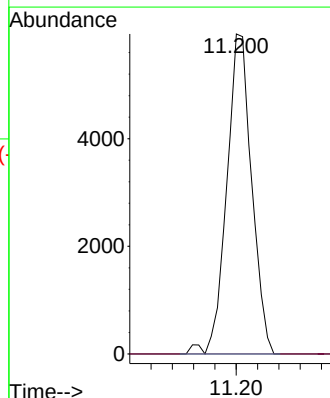
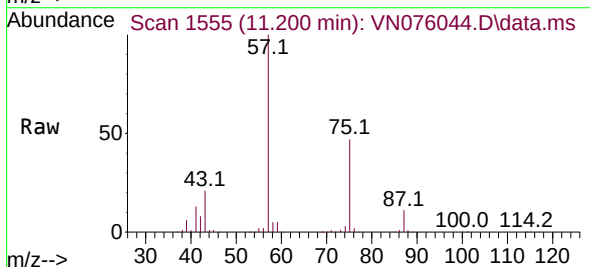
Instrument :
 MSVOA_N
 ClientSampleId :
 PB149968TB

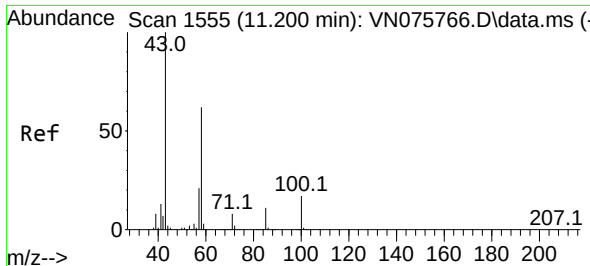
Tgt Ion: 75 Resp: 74859
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.8 38.8#
 39 27.7 33.4 50.2#



#57
 1,3-Dichloropropane
 Concen: 1.653 ug/l
 RT: 11.200 min Scan# 1555
 Delta R.T. 0.035 min
 Lab File: VN076044.D
 Acq: 29 Dec 2022 13:19

Tgt Ion: 76 Resp: 9689
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

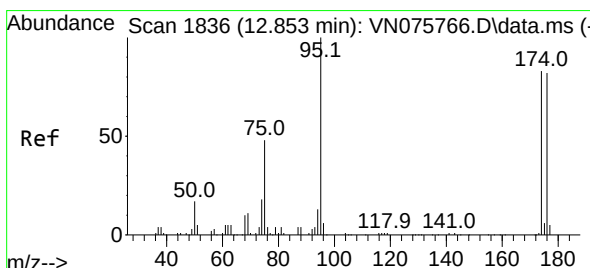
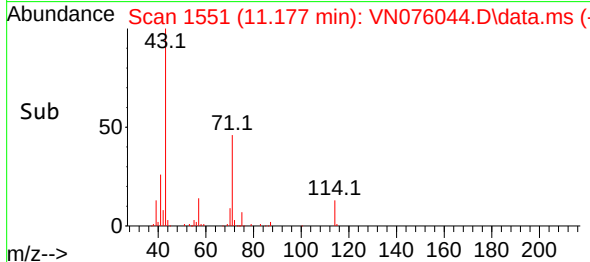
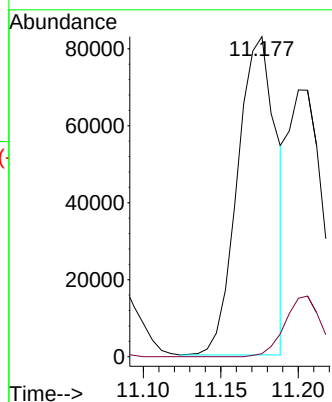
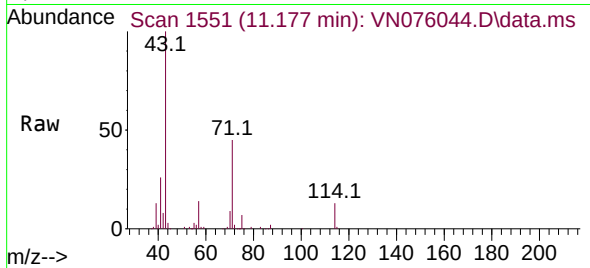




#59
2-Hexanone
Concen: 54.283 ug/l
RT: 11.177 min Scan# 1151
Delta R.T. -0.023 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

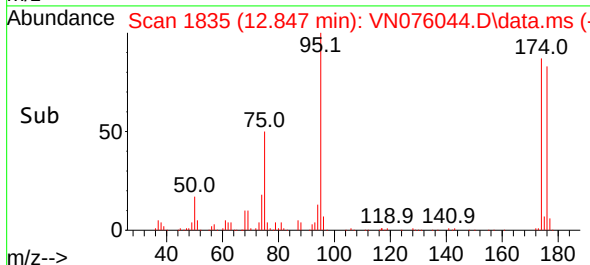
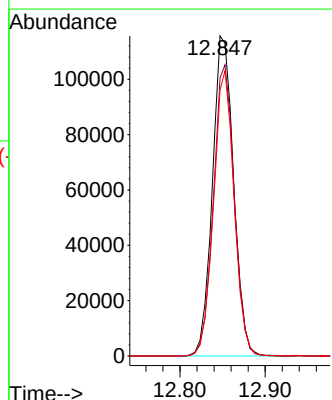
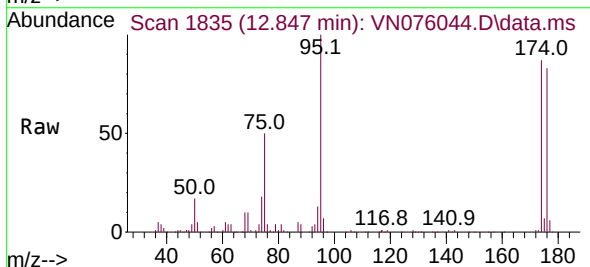
Instrument :
MSVOA_N
ClientSampleId :
PB149968TB

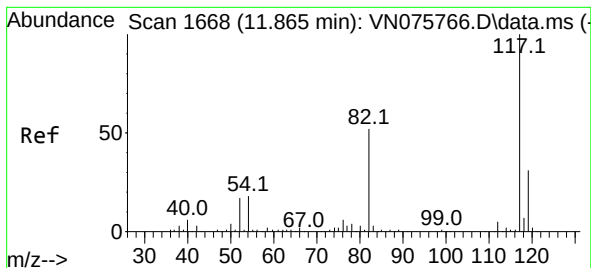
Tgt Ion: 43 Resp: 143725
Ion Ratio Lower Upper
43 100
58 0.0 30.6 92.0#



#62
4-Bromofluorobenzene
Concen: 47.086 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion: 95 Resp: 198878
Ion Ratio Lower Upper
95 100
174 90.2 0.0 171.6
176 86.5 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

PB149968TB

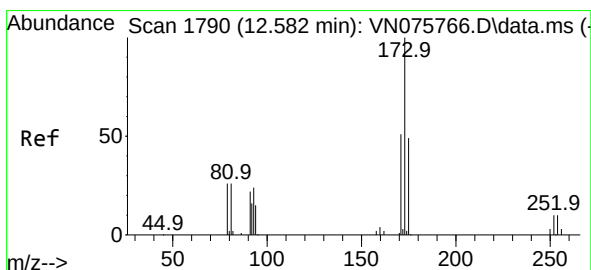
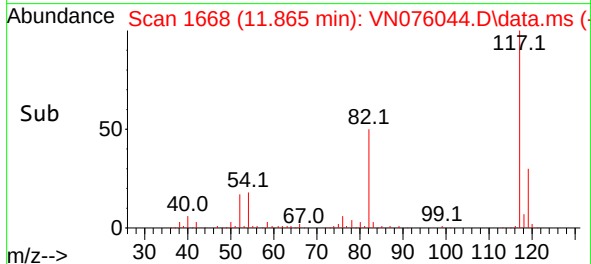
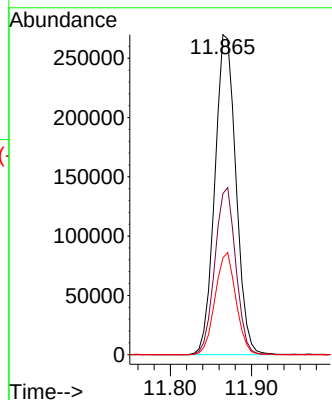
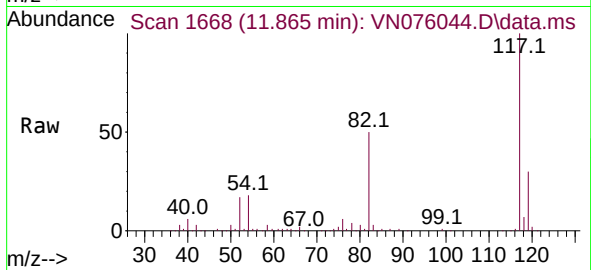
Tgt Ion:117 Resp: 488978

Ion Ratio Lower Upper

117 100

82 50.4 41.3 61.9

119 30.3 24.6 37.0



#71

Bromoform

Concen: 0.590 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.265 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

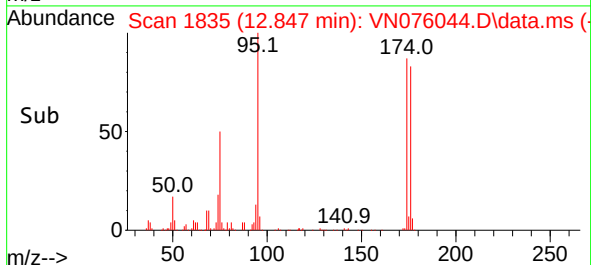
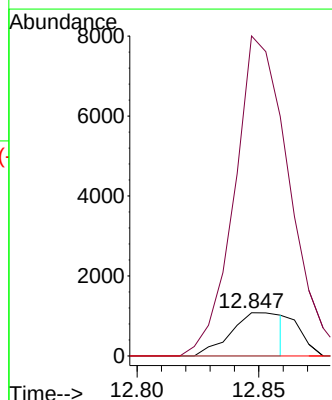
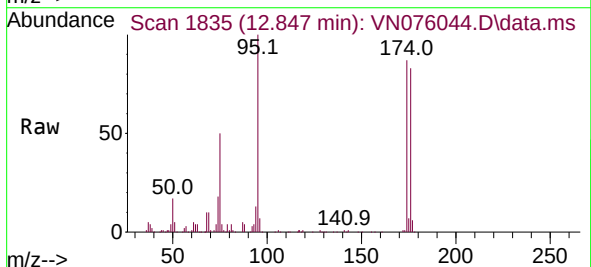
Tgt Ion:173 Resp: 1596

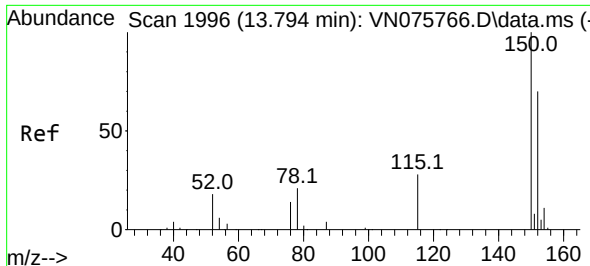
Ion Ratio Lower Upper

173 100

175 647.1 24.3 72.8#

254 0.0 0.0 0.0

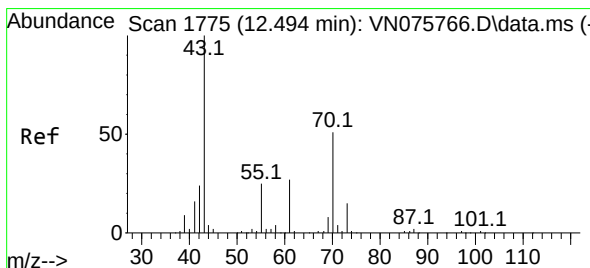
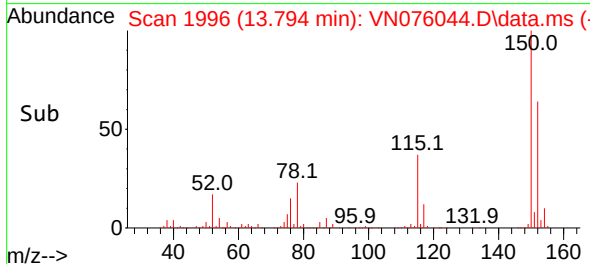
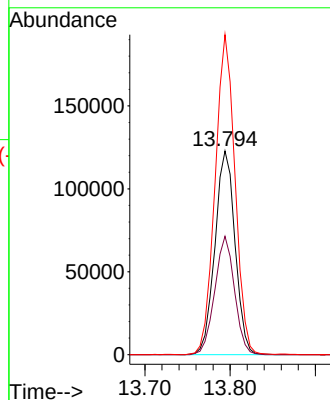
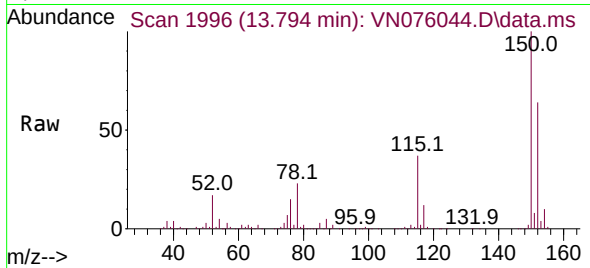




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

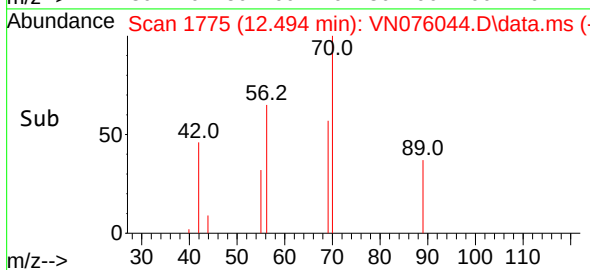
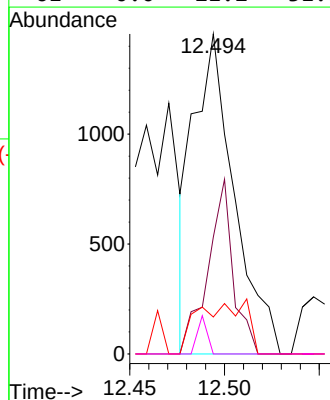
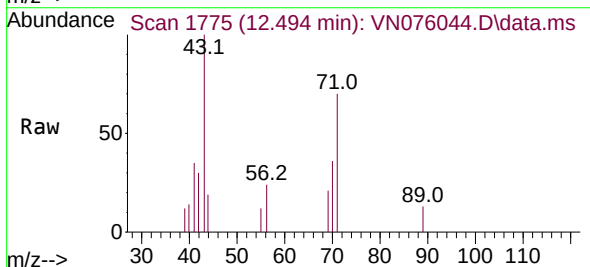
Instrument :
MSVOA_N
ClientSampleId :
PB149968TB

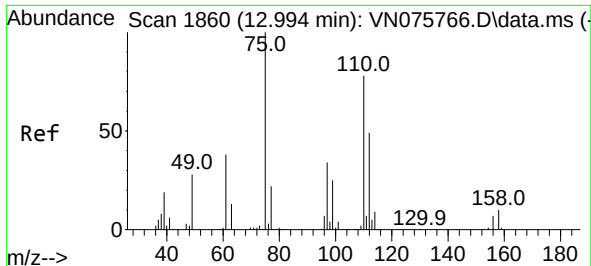
Tgt Ion:152 Resp: 201351
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.4
150 155.4 0.0 347.0



#74
N-ethyl acetate
Concen: 0.511 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
70 33.9 41.4 62.0#
55 9.1 21.3 31.9#
61 0.0 21.2 31.8#

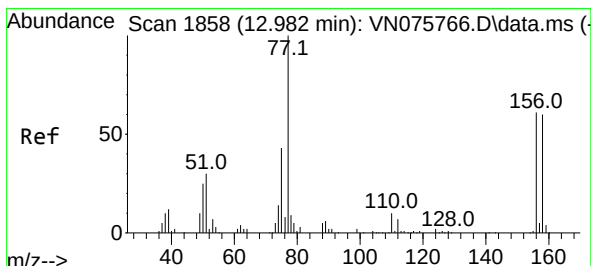
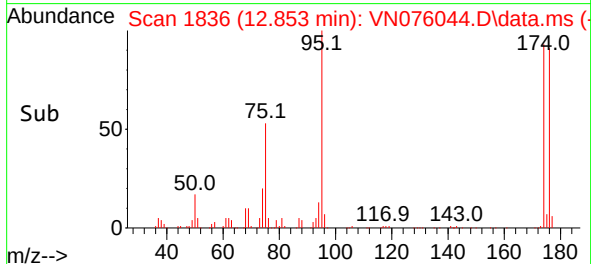
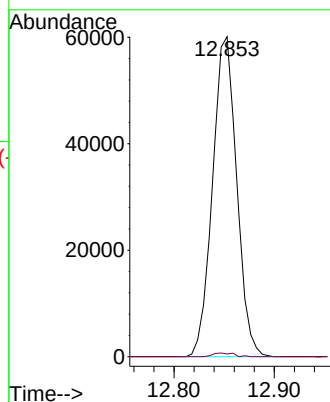
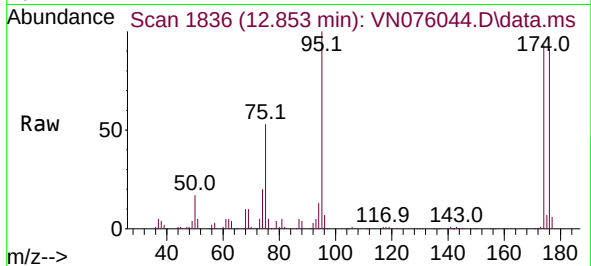




#76
1,2,3-Trichloropropane
Concen: 24.737 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

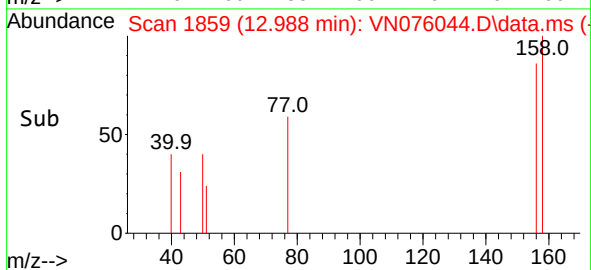
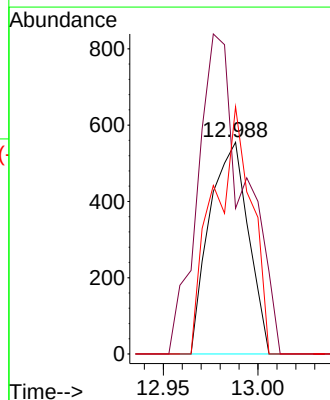
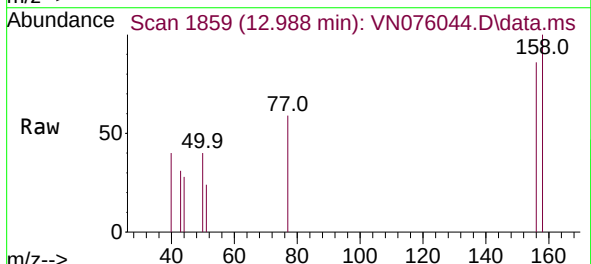
Instrument :
MSVOA_N
ClientSampleId :
PB149968TB

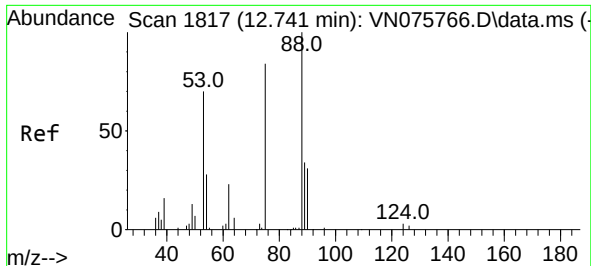
Tgt Ion: 75 Resp: 100400
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#77
Bromobenzene
Concen: 0.215 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion:156 Resp: 790
Ion Ratio Lower Upper
156 100
77 183.2 93.8 281.3
158 114.9 48.9 146.6

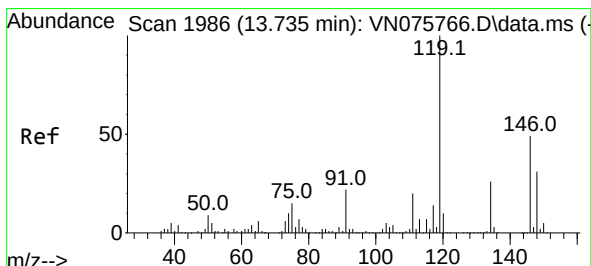
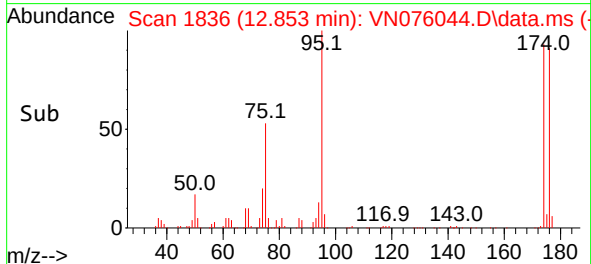
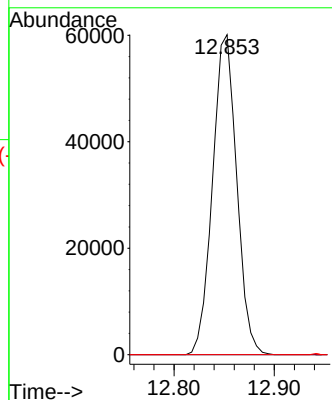
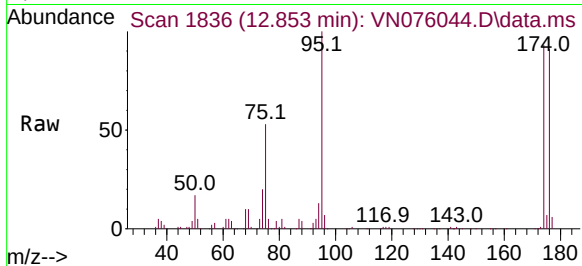




#81
trans-1,4-Dichloro-2-butene
Concen: 89.040 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

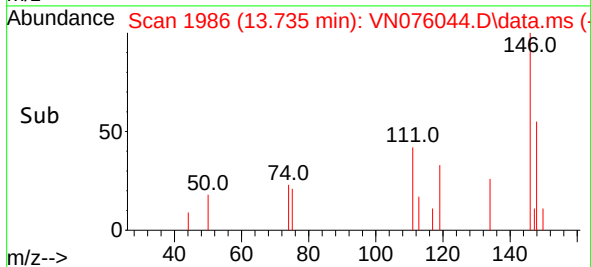
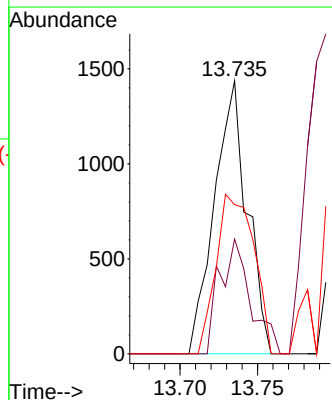
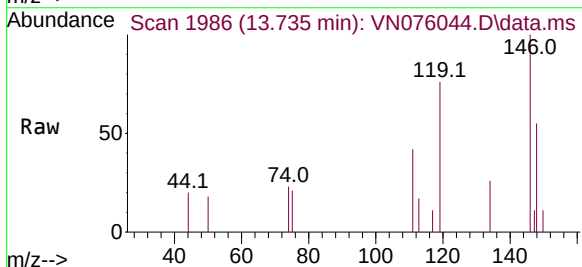
Instrument :
MSVOA_N
ClientSampleId :
PB149968TB

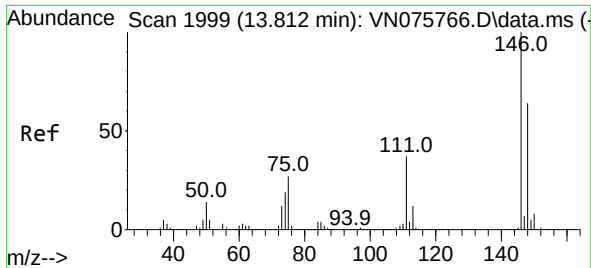
Tgt Ion: 75 Resp: 100400
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#87
1,3-Dichlorobenzene
Concen: 0.310 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion:146 Resp: 2110
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 67.3 31.4 94.2

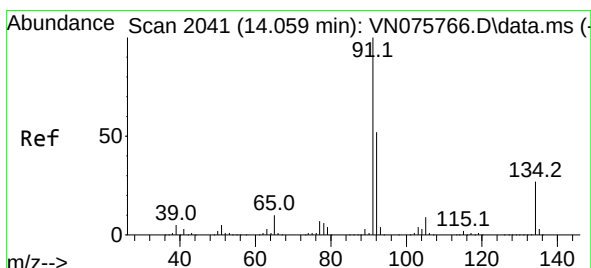
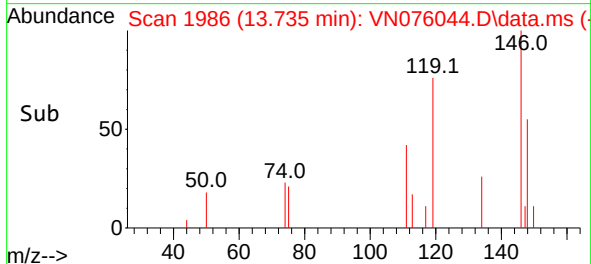
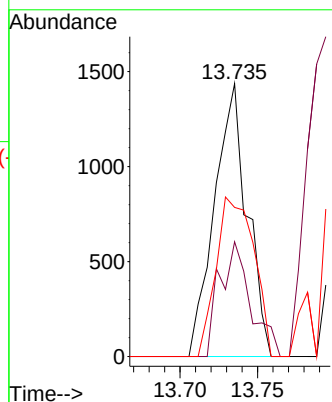
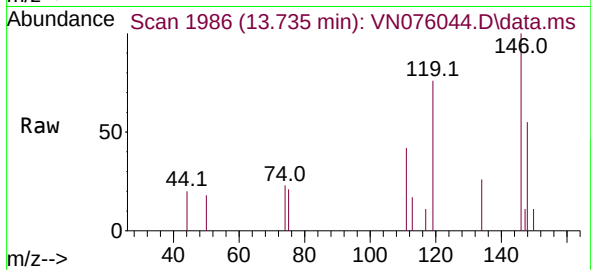




#88
 1,4-Dichlorobenzene
 Concen: 0.304 ug/l
 RT: 13.735 min Scan# 1999
 Delta R.T. -0.076 min
 Lab File: VN076044.D
 Acq: 29 Dec 2022 13:19

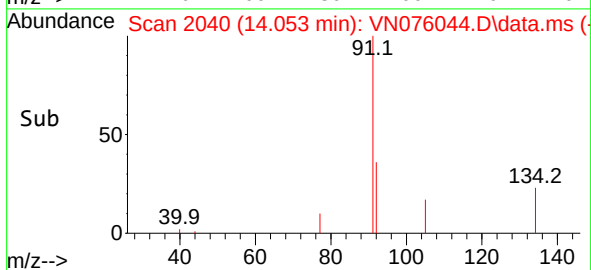
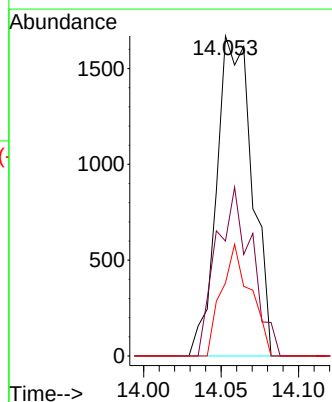
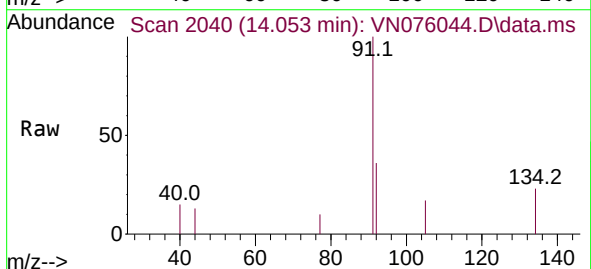
Instrument :
 MSVOA_N
 ClientSampleId :
 PB149968TB

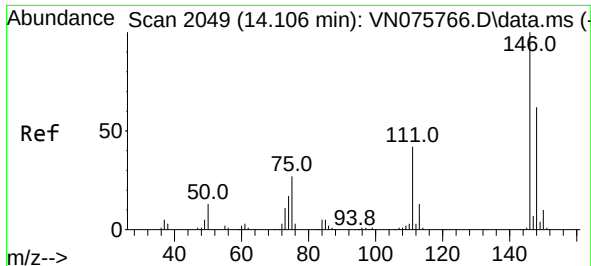
Tgt Ion:146 Resp: 2110
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.1
 148 67.3 32.0 96.2



#89
 n-Butylbenzene
 Concen: 0.265 ug/l
 RT: 14.053 min Scan# 2040
 Delta R.T. -0.006 min
 Lab File: VN076044.D
 Acq: 29 Dec 2022 13:19

Tgt Ion: 91 Resp: 2648
 Ion Ratio Lower Upper
 91 100
 92 52.7 26.4 79.2
 134 28.6 13.4 40.2





#91

1,2-Dichlorobenzene

Concen: 0.287 ug/l

RT: 14.112 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

PB149968TB

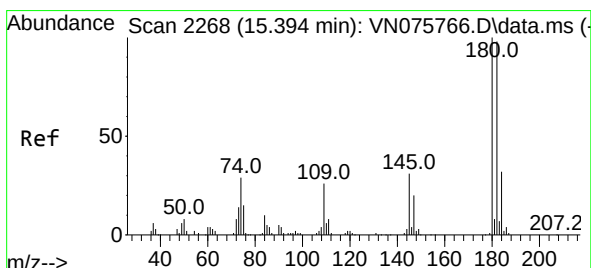
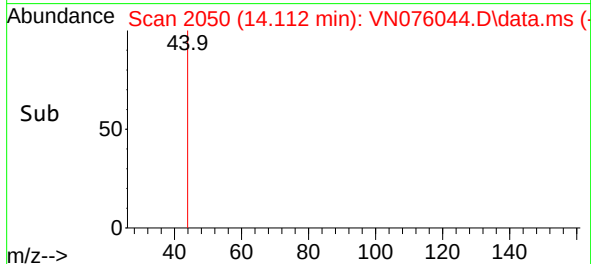
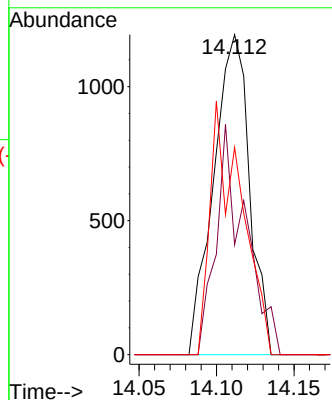
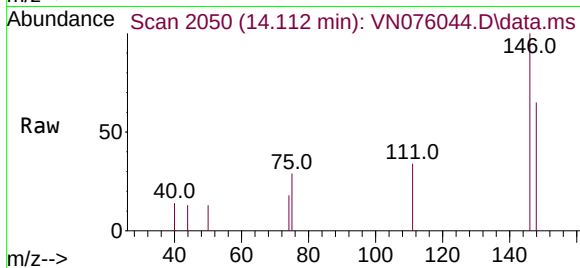
Tgt Ion:146 Resp: 1925

Ion Ratio Lower Upper

146 100

111 58.6 20.3 61.0

148 68.5 31.7 95.1



#93

1,2,4-Trichlorobenzene

Concen: 0.989 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN076044.D

Acq: 29 Dec 2022 13:19

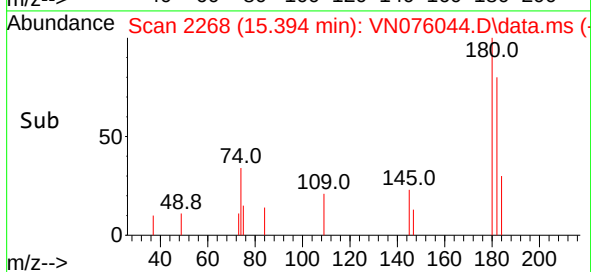
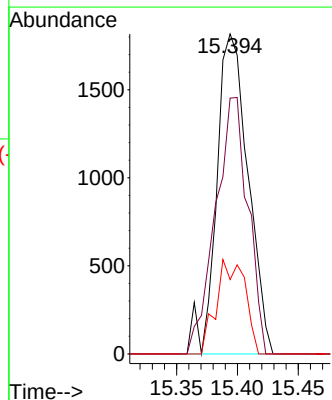
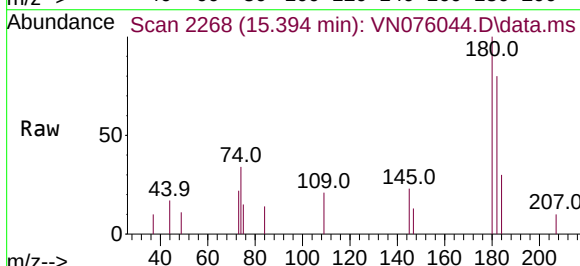
Tgt Ion:180 Resp: 3280

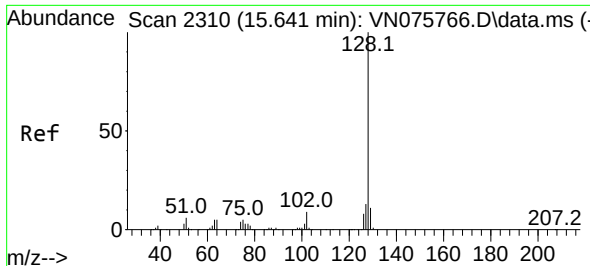
Ion Ratio Lower Upper

180 100

182 82.3 47.5 142.5

145 26.8 15.3 45.8

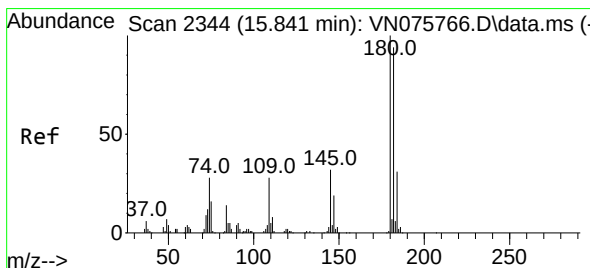
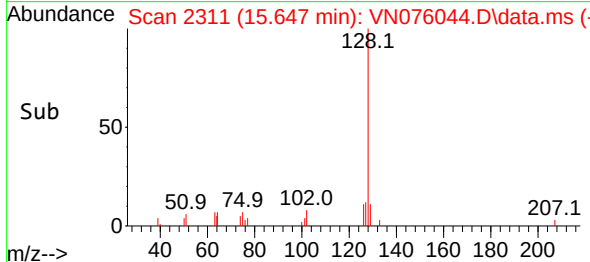
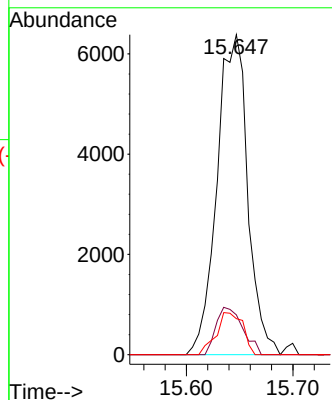
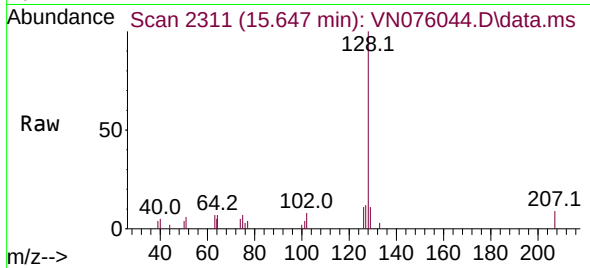




#95
Naphthalene
Concen: 3.292 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
PB149968TB

Tgt Ion:	128	Resp:	12772
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.032 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076044.D
Acq: 29 Dec 2022 13:19

Tgt Ion:	180	Resp:	3199
Ion	Ratio	Lower	Upper
180	100		
182	85.9	47.0	141.0
145	33.0	16.0	47.9

