

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076054.D
 Acq On : 29 Dec 2022 17:18
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Dec 30 05:35:47 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)

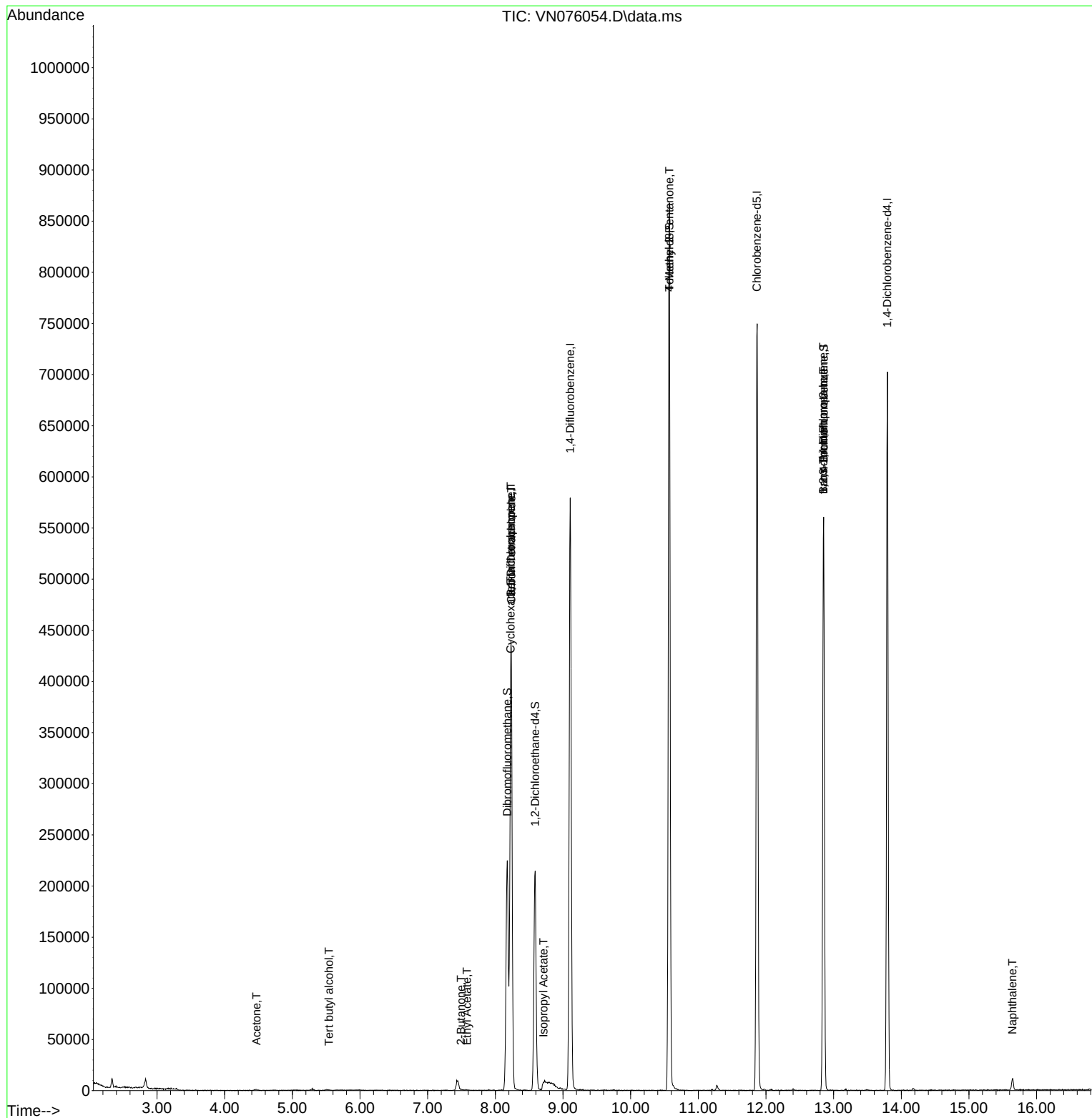
Internal Standards						
1) Pentafluorobenzene	8.230	168	351056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	473085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	174500	45.691	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.380%		
35) Dibromofluoromethane	8.177	113	161073	47.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.740%		
50) Toluene-d8	10.571	98	619576	48.738	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.480%		
62) 4-Bromofluorobenzene	12.853	95	193340	45.919	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.542	59	155	0.287	ug/l #	72
16) Acetone	4.471	43	1995	1.515	ug/l	90
20) Methylene Chloride	5.300	84	1341	Below Cal	#	88
25) 2-Butanone	7.494	43	1308	0.710	ug/l #	40
31) Cyclohexane	8.224	56	6233	1.140	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	23094	5.113	ug/l #	50
37) Ethyl Acetate	7.583	43	1582	0.436	ug/l #	65
38) Carbon Tetrachloride	8.235	117	34484	6.822	ug/l #	17
43) Isopropyl Acetate	8.712	43	4140	0.692	ug/l #	50
51) 4-Methyl-2-Pentanone	10.571	43	2471	0.683	ug/l #	1
71) Bromoform	12.847	173	1142	0.436	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	96950	24.186	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	96950	87.056	ug/l #	12
95) Naphthalene	15.641	128	12973	3.324	ug/l	96

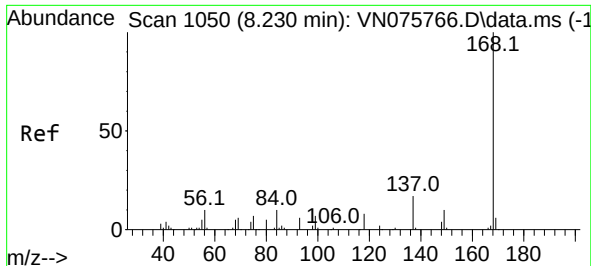
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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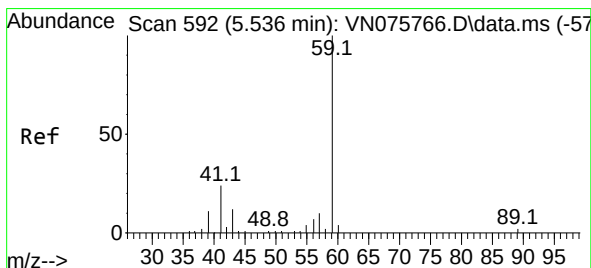
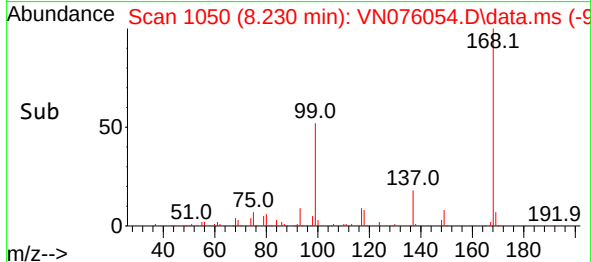
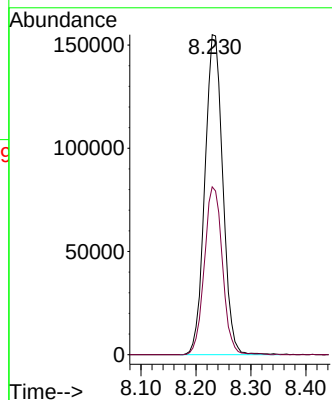
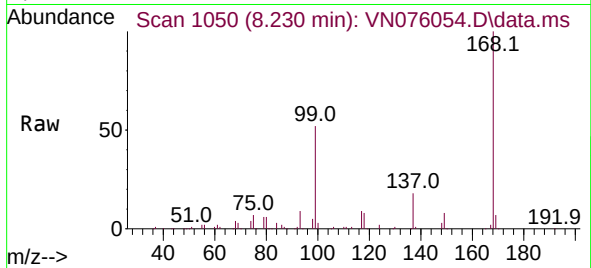




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

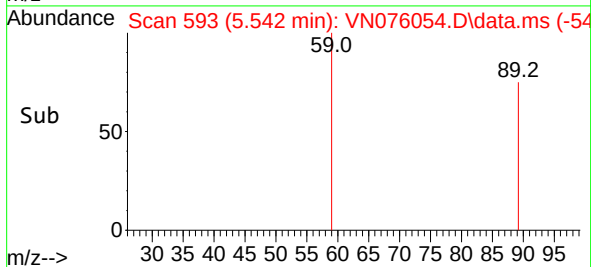
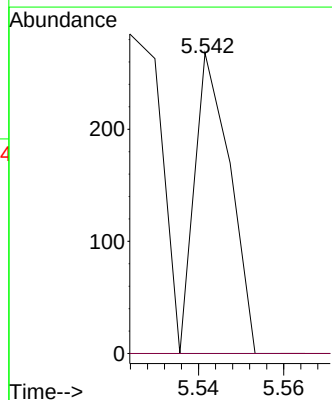
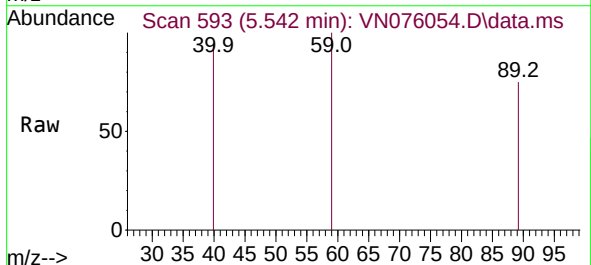
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

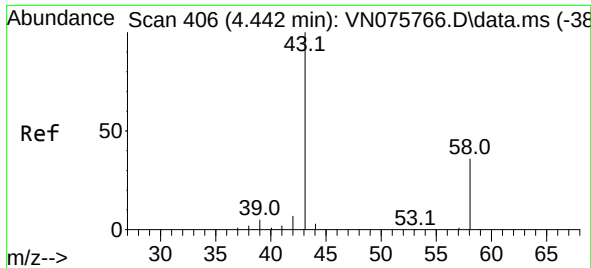
Tgt Ion:168 Resp: 351056
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.287 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.515 ug/l

RT: 4.471 min Scan# 411

Delta R.T. 0.029 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

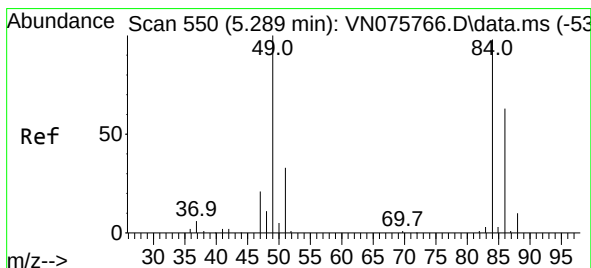
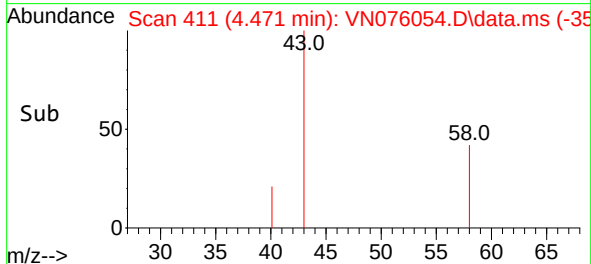
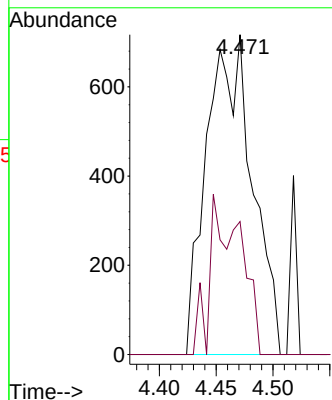
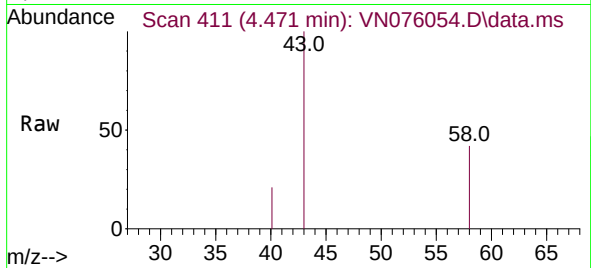
VIBLK

Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

43 100

58 41.6 28.6 43.0



#20

Methylene Chloride

Concen: Below Cal

RT: 5.300 min Scan# 552

Delta R.T. 0.011 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

Tgt Ion: 84 Resp: 1341

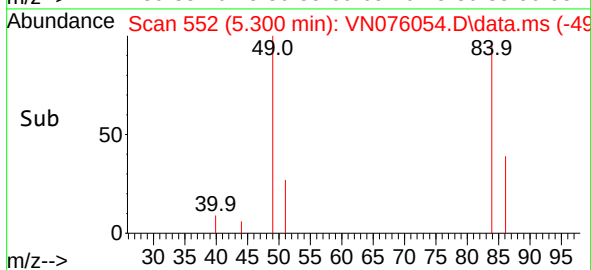
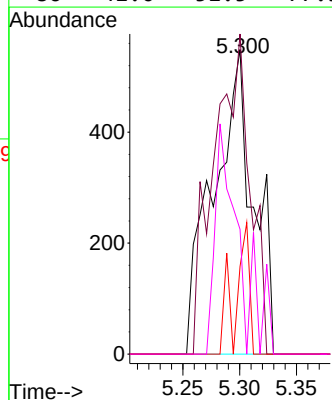
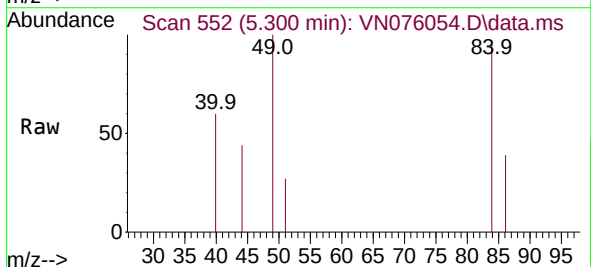
Ion Ratio Lower Upper

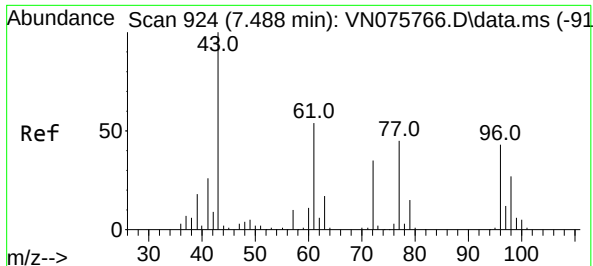
84 100

49 105.1 81.8 122.6

51 28.8 26.7 40.1

86 41.0 51.5 77.3#





#25

2-Butanone

Concen: 0.710 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

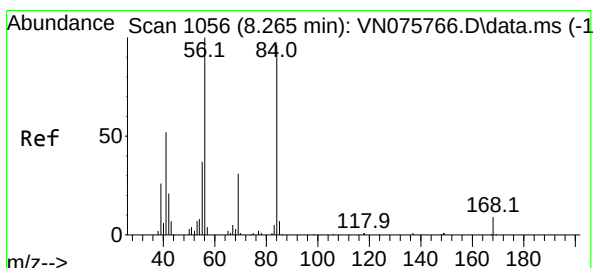
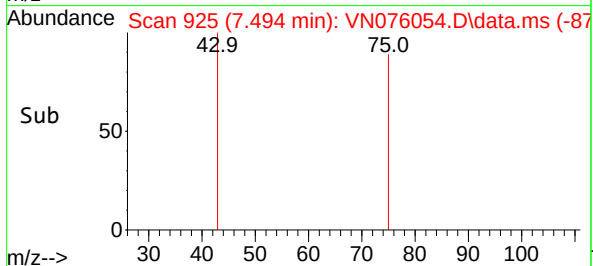
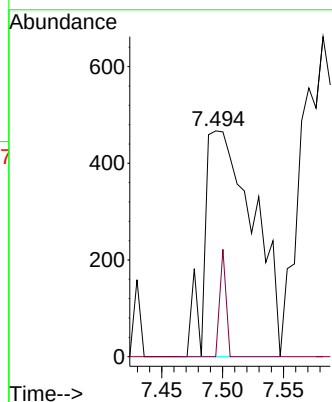
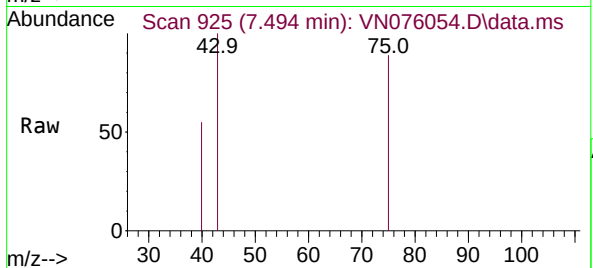
VIBLK

Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

43 100

72 0.0 28.0 42.0#



#31

Cyclohexane

Concen: 1.140 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.041 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

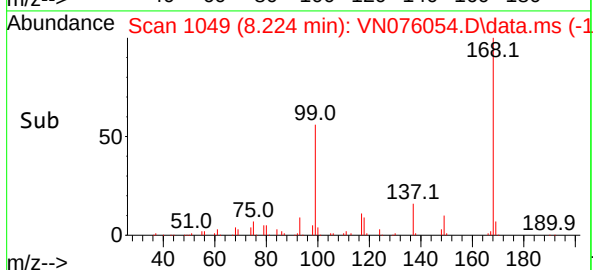
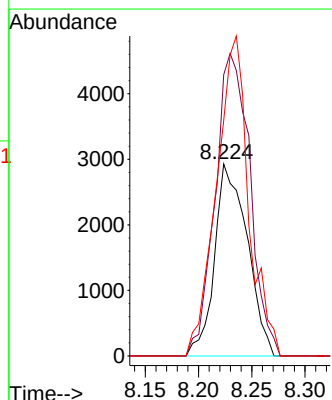
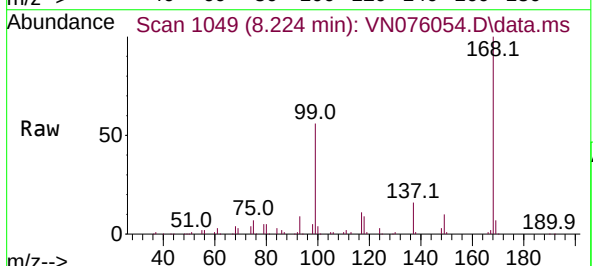
Tgt Ion: 56 Resp: 6233

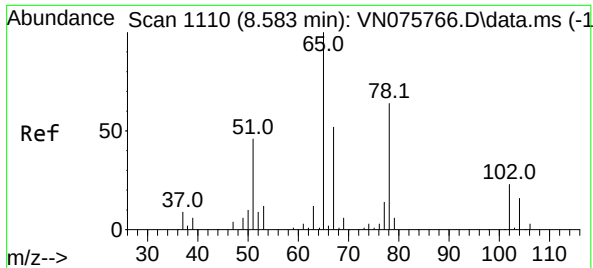
Ion Ratio Lower Upper

56 100

69 146.5 24.7 37.1#

84 122.6 76.5 114.7#

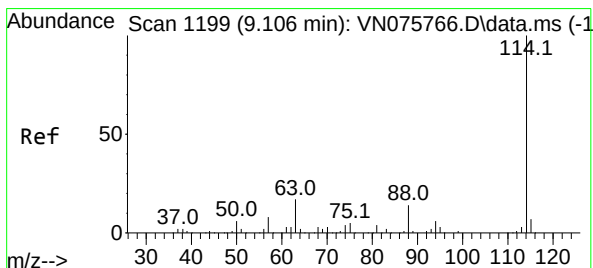
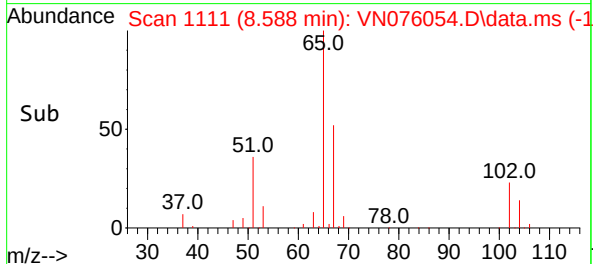
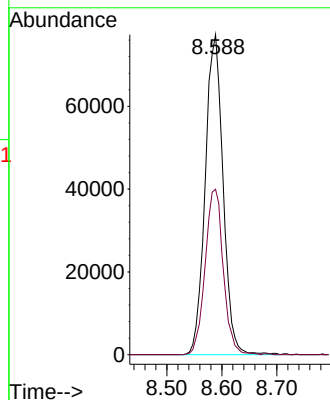
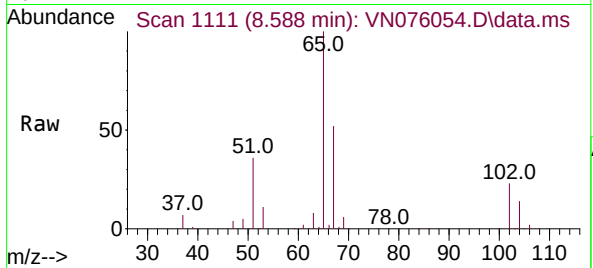




#33
 1,2-Dichloroethane-d4
 Concen: 45.691 ug/l
 RT: 8.588 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: VN076054.D
 Acq: 29 Dec 2022 17:18

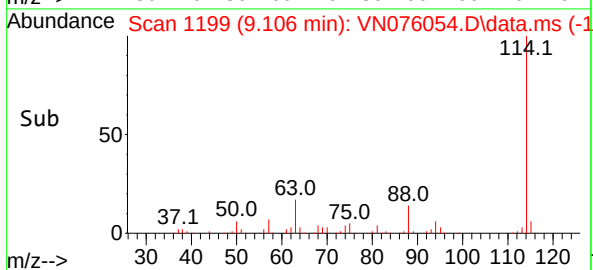
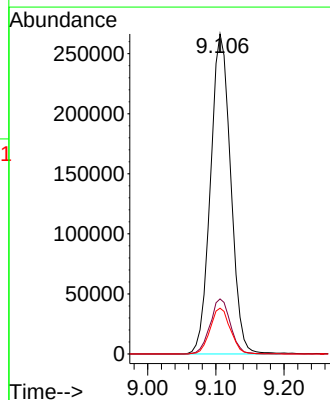
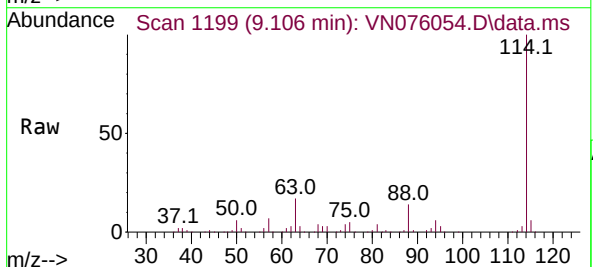
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

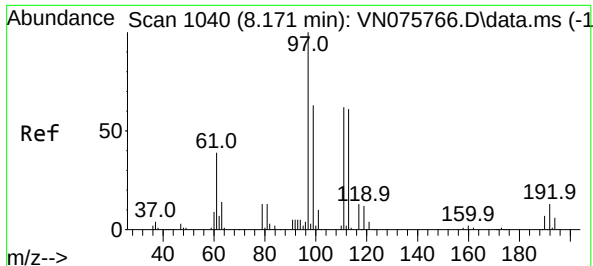
Tgt Ion: 65 Resp: 174500
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076054.D
 Acq: 29 Dec 2022 17:18

Tgt Ion: 114 Resp: 549030
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.4
 88 14.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.374 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

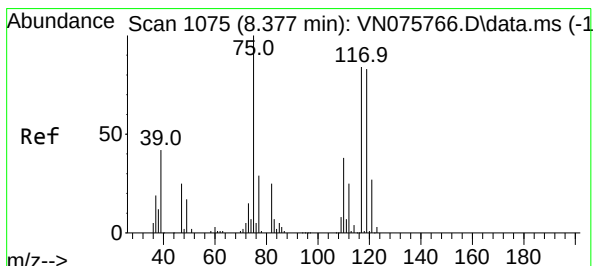
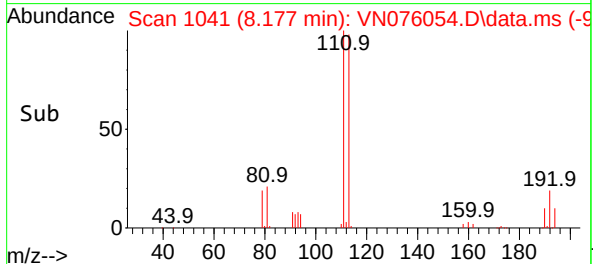
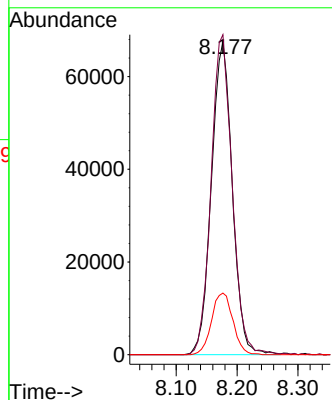
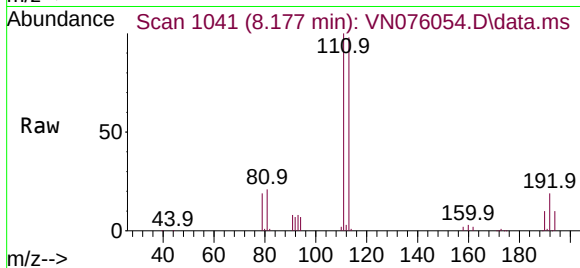
Tgt Ion:113 Resp: 161073

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 20.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.113 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

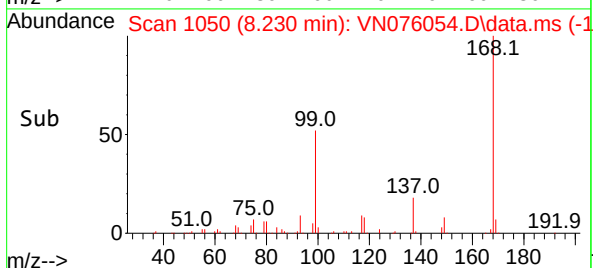
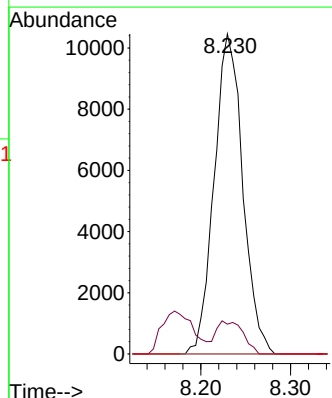
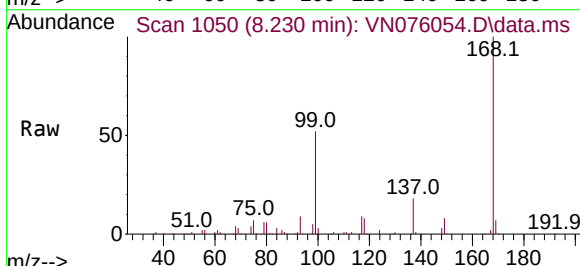
Tgt Ion: 75 Resp: 23094

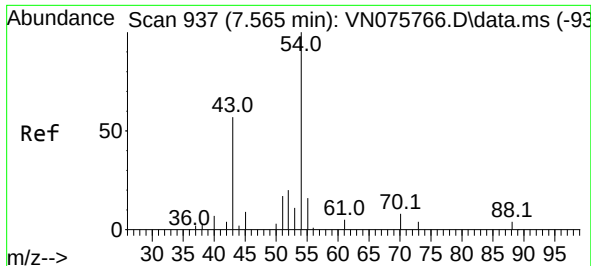
Ion Ratio Lower Upper

75 100

110 10.0 18.8 56.4#

77 0.0 24.1 36.1#

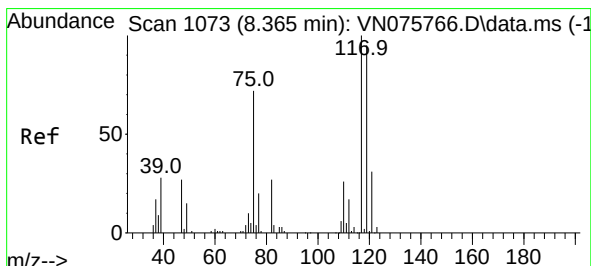
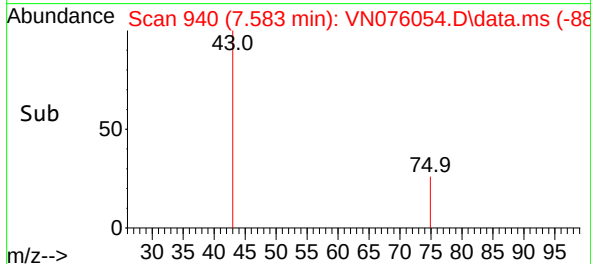
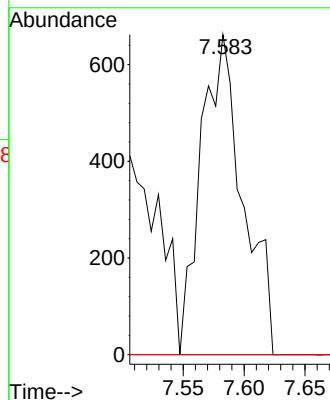
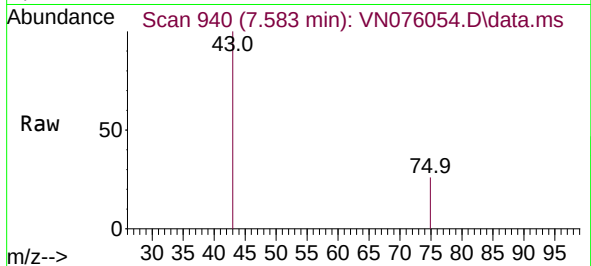




#37
Ethyl Acetate
Concen: 0.436 ug/l
RT: 7.583 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

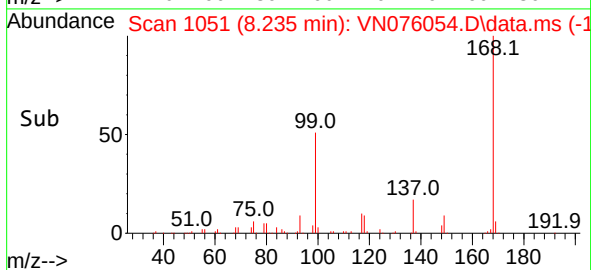
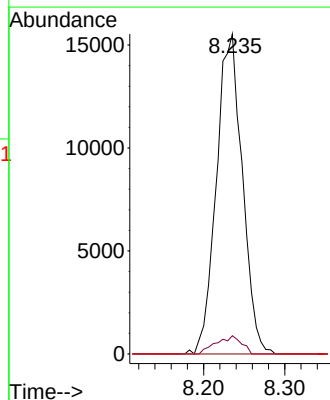
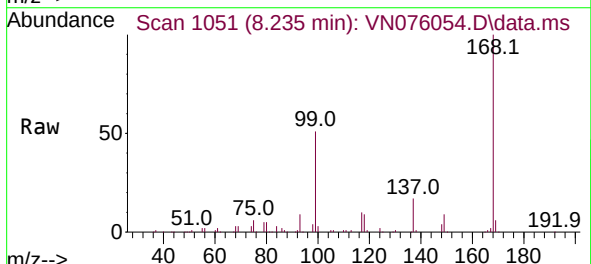
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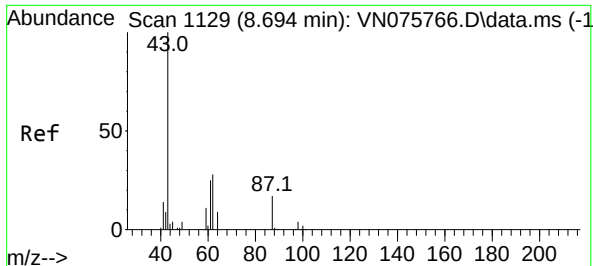
Tgt Ion: 43 Resp: 1582
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.822 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Tgt Ion: 117 Resp: 34484
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 0.692 ug/l

RT: 8.712 min Scan# 1129

Delta R.T. 0.018 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

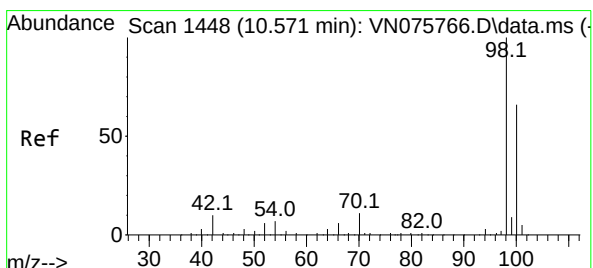
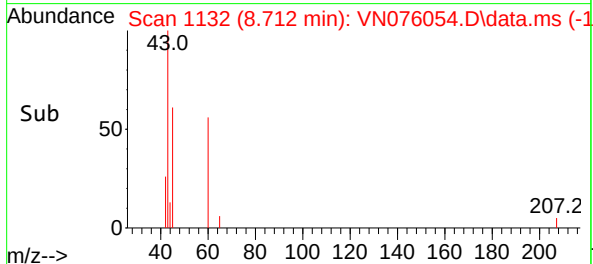
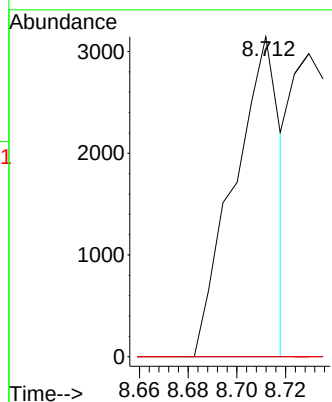
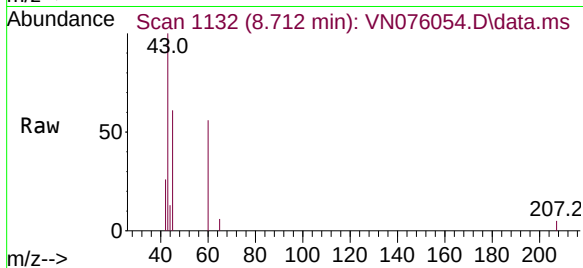
Instrument :

MSVOA_N

ClientSampleId :

VIBLK

Tgt Ion: 43	Resp: 4140
Ion Ratio	Lower Upper
43	100
61	0.0 24.2 36.4#
87	0.0 13.3 19.9#



#50

Toluene-d8

Concen: 48.738 ug/l

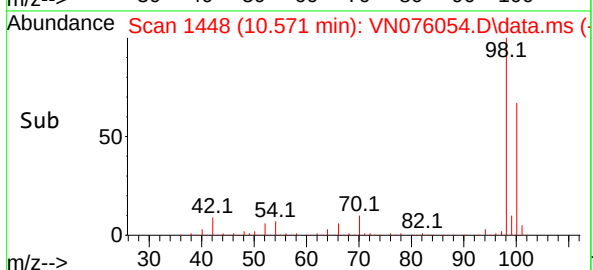
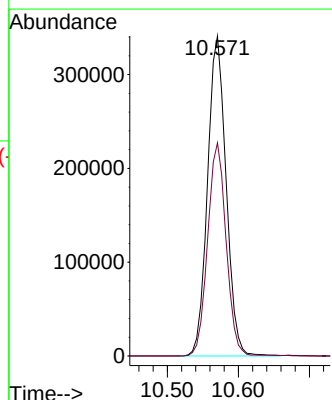
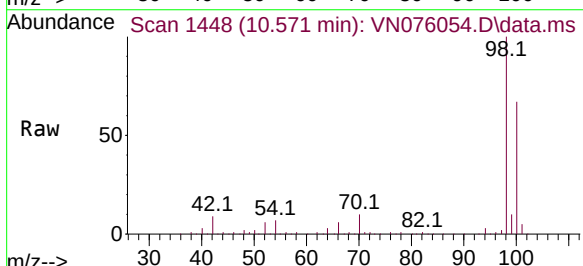
RT: 10.571 min Scan# 1448

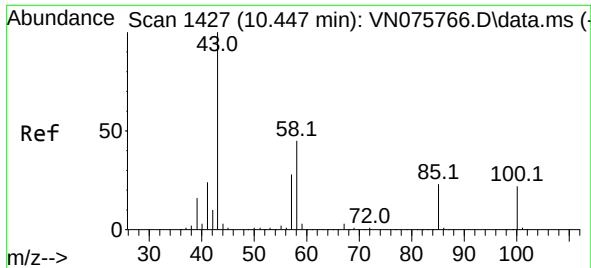
Delta R.T. -0.000 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

Tgt Ion: 98	Resp: 619576
Ion Ratio	Lower Upper
98	100
100	66.3 52.1 78.1

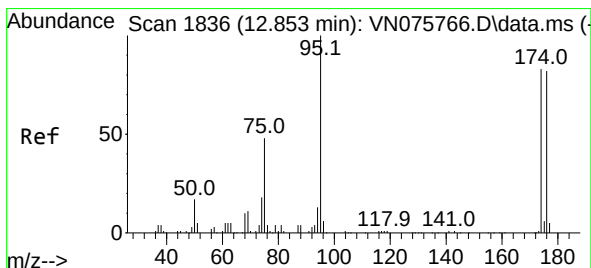
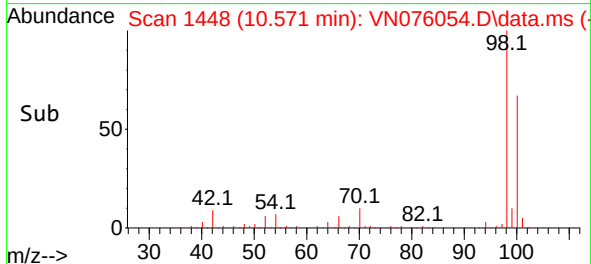
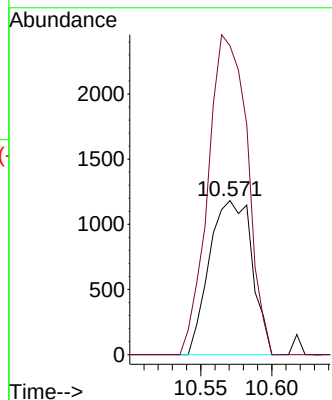
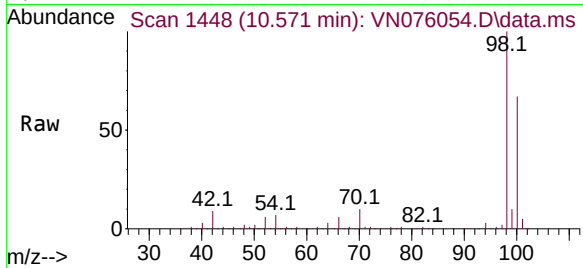




#51
4-Methyl-2-Pentanone
Concen: 0.683 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.123 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

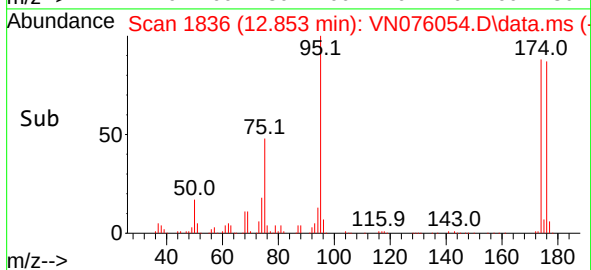
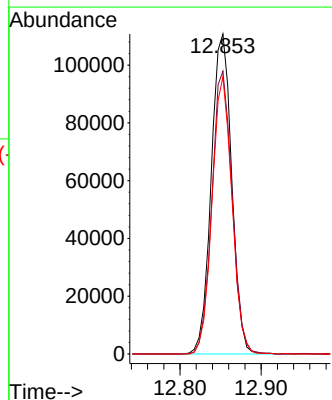
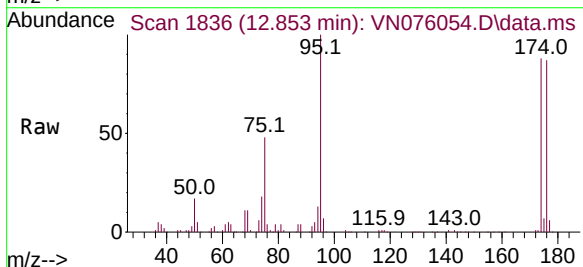
Instrument :
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ClientSampleId :
VIBLK

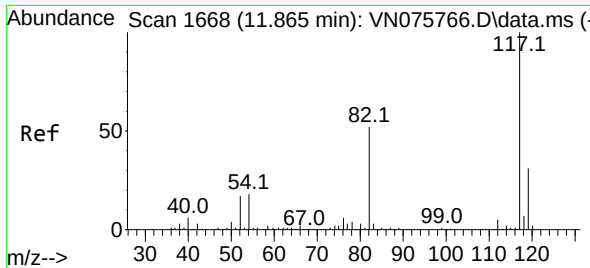
Tgt Ion: 43 Resp: 2471
Ion Ratio Lower Upper
43 100
58 190.8 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 45.919 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Tgt Ion: 95 Resp: 193340
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.6
176 84.1 0.0 169.2

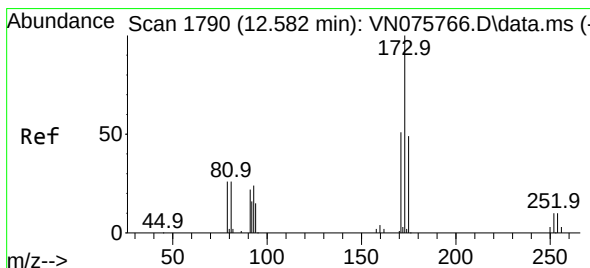
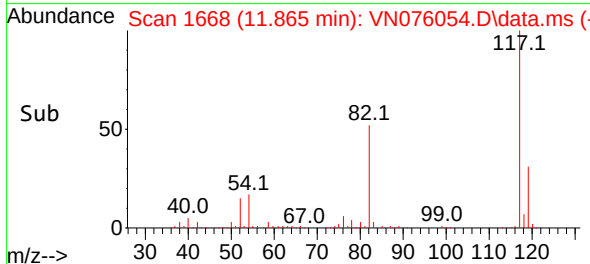
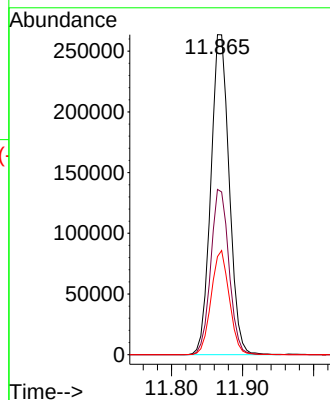
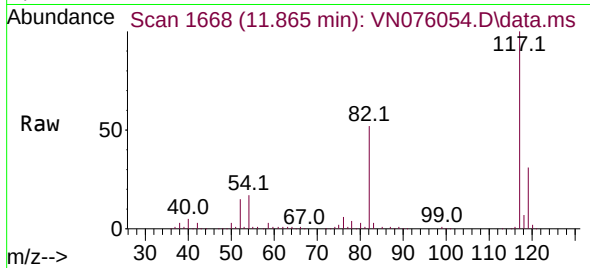




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

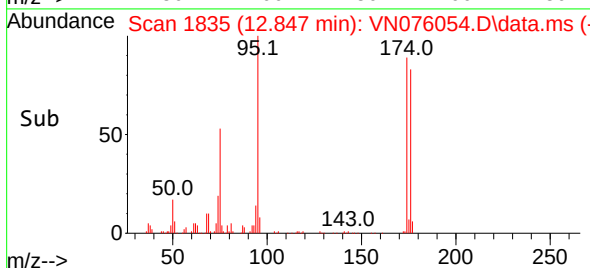
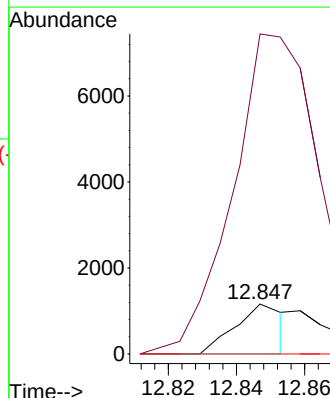
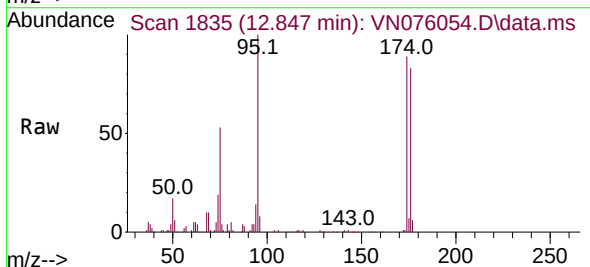
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

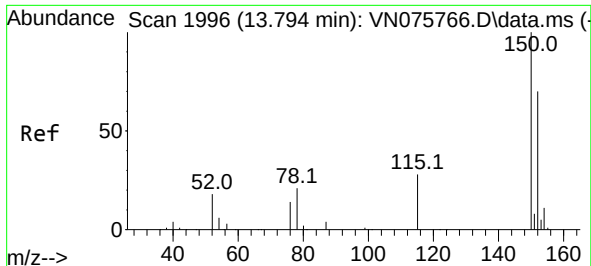
Tgt Ion:117 Resp: 473085
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 30.6 24.6 37.0



#71
Bromoform
Concen: 0.436 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Tgt Ion:173 Resp: 1142
Ion Ratio Lower Upper
173 100
175 930.3 24.3 72.8#
254 0.0 0.0 0.0

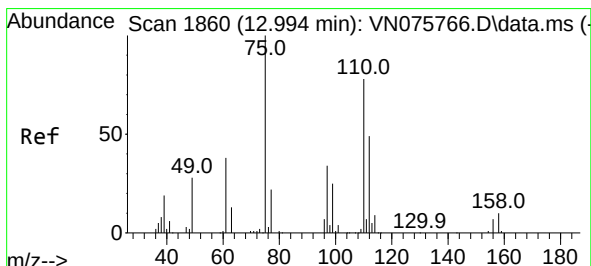
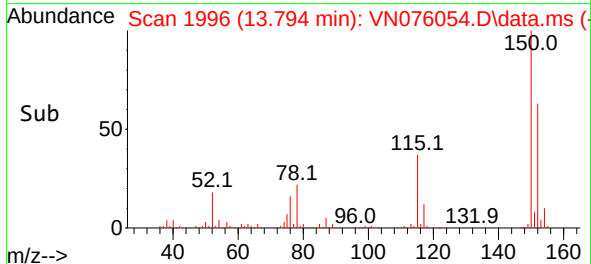
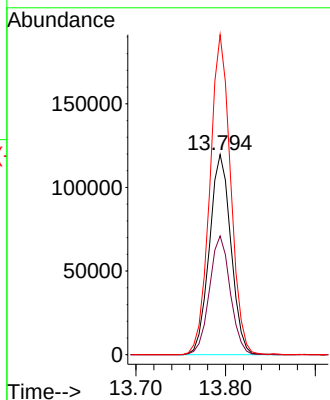
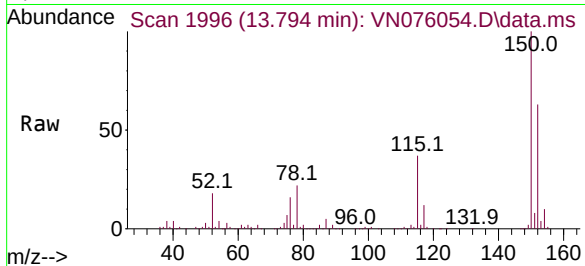




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076054.D
 Acq: 29 Dec 2022 17:18

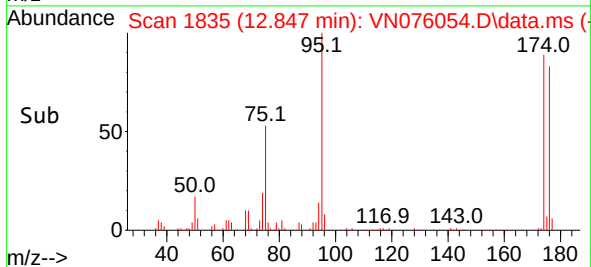
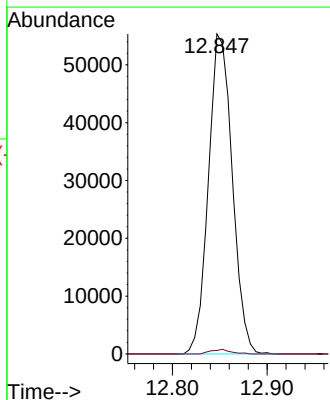
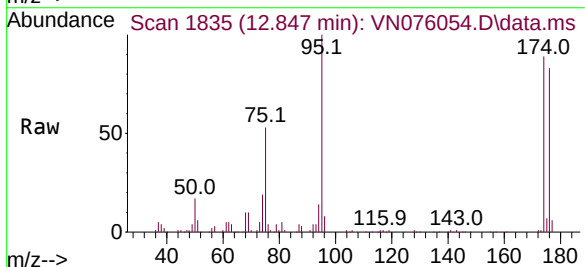
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

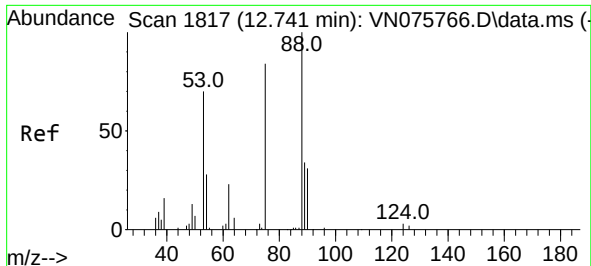
Tgt Ion:152 Resp: 198862
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.1 87.4
 150 154.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 24.186 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN076054.D
 Acq: 29 Dec 2022 17:18

Tgt Ion: 75 Resp: 96950
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

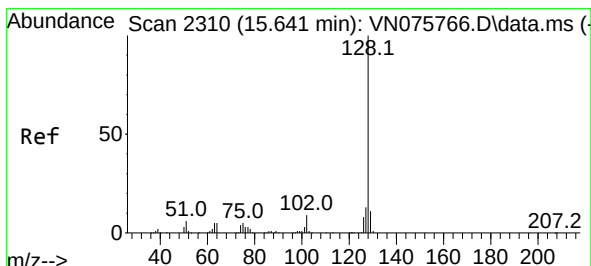
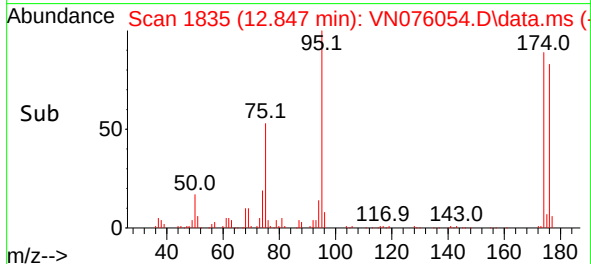
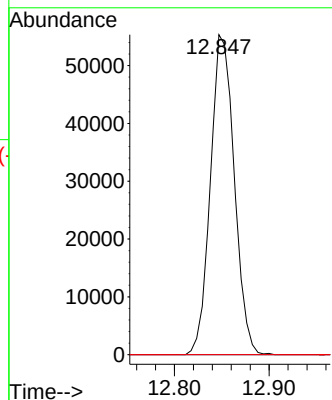
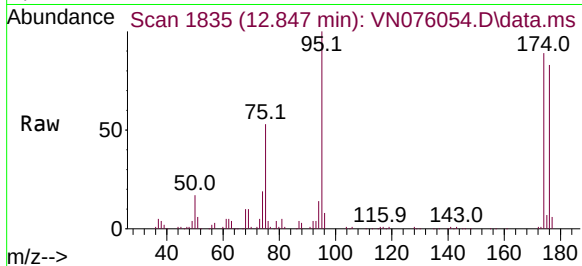




#81
trans-1,4-Dichloro-2-butene
Concen: 87.056 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 96950
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 3.324 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Tgt Ion: 128 Resp: 12973
Ion Ratio Lower Upper
128 100
127 11.2 10.4 15.6
129 9.9 8.7 13.1

