

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075128.D
 Acq On : 02 Nov 2022 19:40
 Operator : JC\MD
 Sample : N5395-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-4-103122

Quant Time: Nov 03 04:23:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

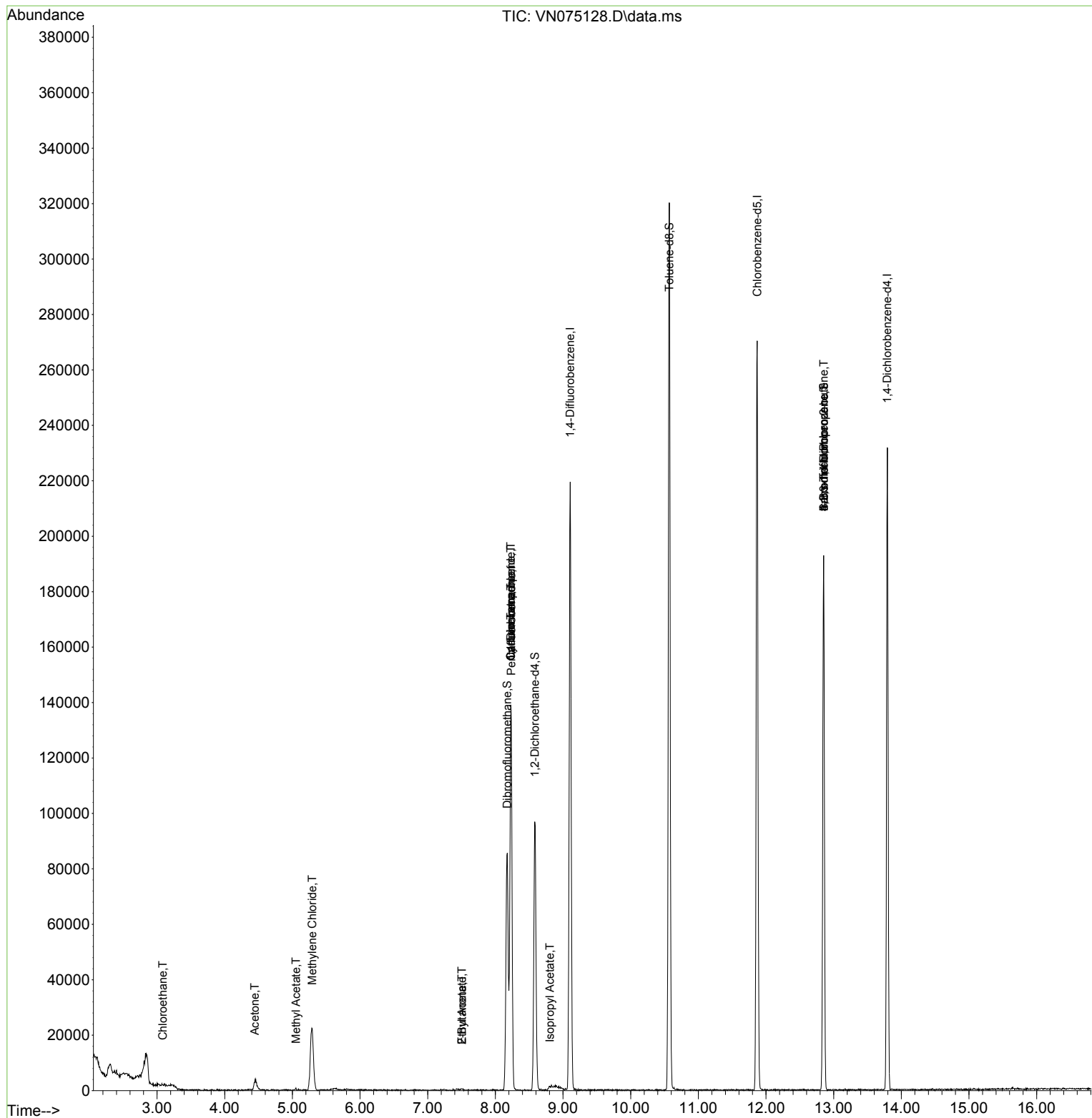
Internal Standards						
1) Pentafluorobenzene	8.235	168	96077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	184102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	155478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	79508	61.419	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.840%	
35) Dibromofluoromethane	8.176	113	62075	57.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.880%	
50) Toluene-d8	10.570	98	224815	53.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	12.853	95	64196	43.583	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.160%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.083	64	409	0.301	ug/l #	45
16) Acetone	4.447	43	7569	13.809	ug/l #	84
18) Methyl Acetate	5.053	43	857	0.479	ug/l #	47
20) Methylene Chloride	5.294	84	19252	15.753	ug/l	93
25) 2-Butanone	7.506	43	777	0.901	ug/l #	43
31) Cyclohexane	8.229	56	2521	1.309	ug/l #	20
36) 1,1-Dichloropropene	8.229	75	8718	5.210	ug/l #	49
37) Ethyl Acetate	7.506	43	777	0.423	ug/l #	66
38) Carbon Tetrachloride	8.229	117	10412	5.657	ug/l #	16
43) Isopropyl Acetate	8.806	43	993	0.349	ug/l #	53
71) Bromoform	12.853	173	658	0.714	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	37165	29.711	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	37165	76.267	ug/l #	10

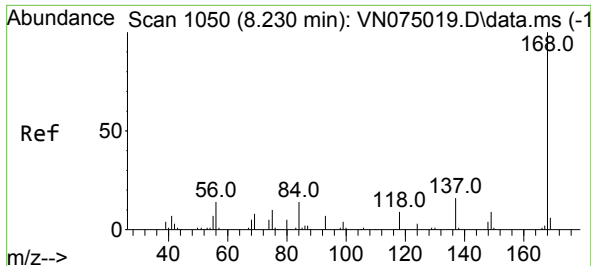
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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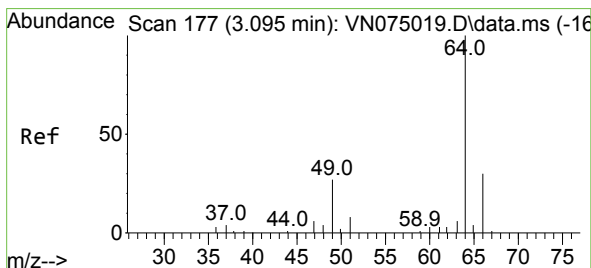
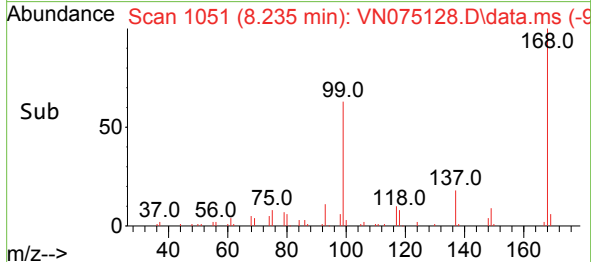
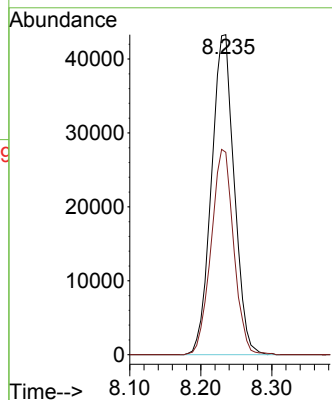
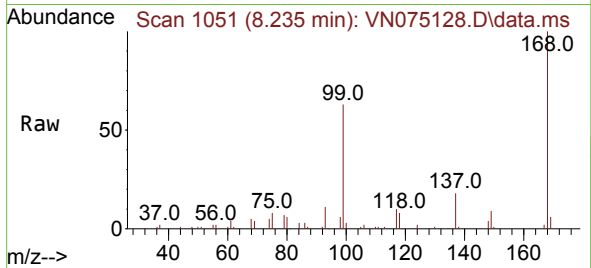




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075128.D
Acq: 02 Nov 2022 19:40

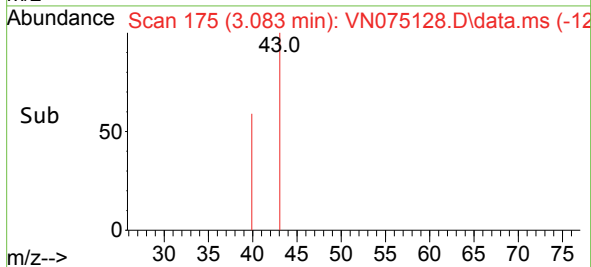
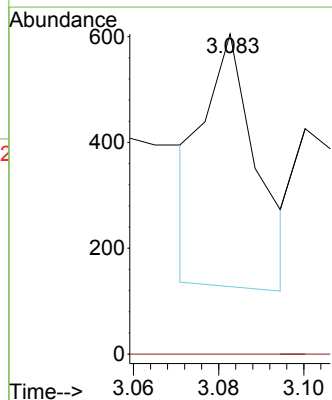
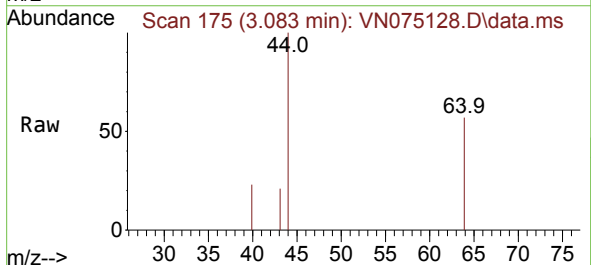
Instrument :
MSVOA_N
ClientSampleId :
S-4-103122

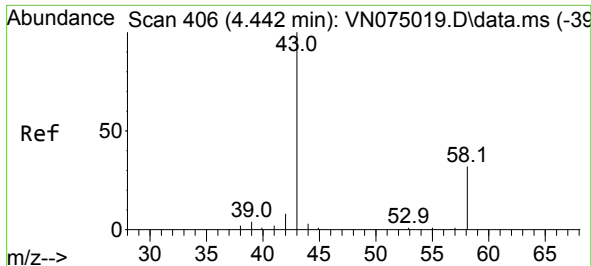
Tgt Ion:168 Resp: 96077
Ion Ratio Lower Upper
168 100
99 63.2 51.6 77.4



#6
Chloroethane
Concen: 0.301 ug/l
RT: 3.083 min Scan# 175
Delta R.T. -0.012 min
Lab File: VN075128.D
Acq: 02 Nov 2022 19:40

Tgt Ion: 64 Resp: 409
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#





#16

Acetone

Concen: 13.809 ug/l

RT: 4.447 min Scan# 406

Delta R.T. 0.005 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

Instrument :

MSVOA_N

ClientSampleId :

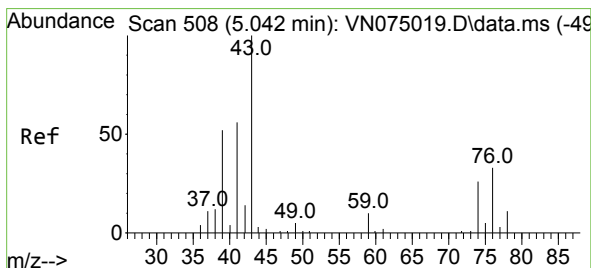
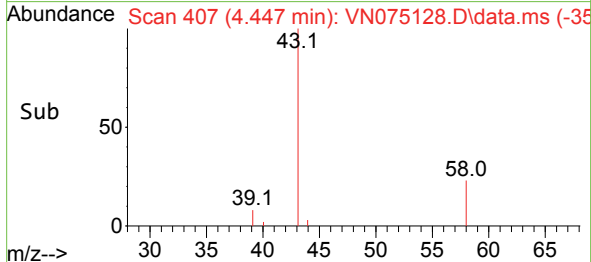
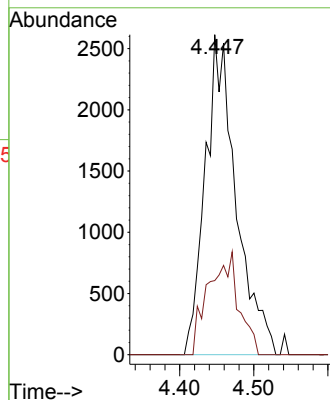
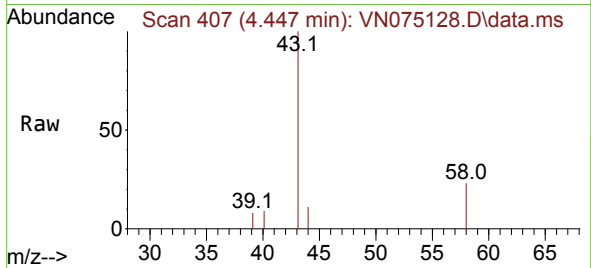
S-4-103122

Tgt Ion: 43 Resp: 7569

Ion Ratio Lower Upper

43 100

58 23.1 25.5 38.3#



#18

Methyl Acetate

Concen: 0.479 ug/l

RT: 5.053 min Scan# 510

Delta R.T. 0.011 min

Lab File: VN075128.D

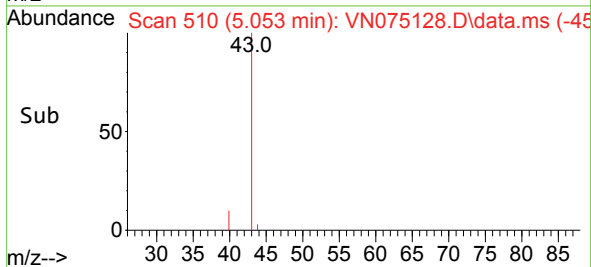
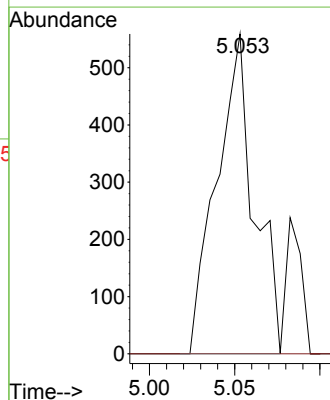
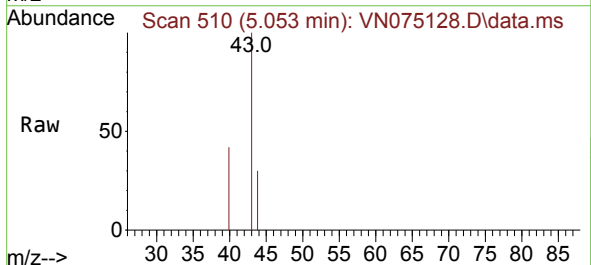
Acq: 02 Nov 2022 19:40

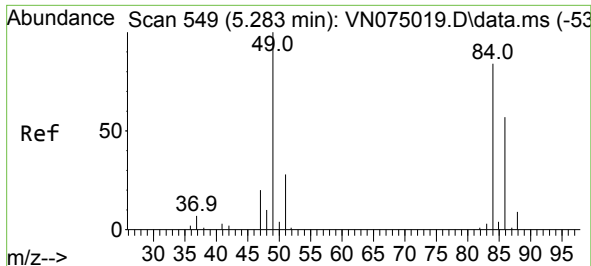
Tgt Ion: 43 Resp: 857

Ion Ratio Lower Upper

43 100

74 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: 15.753 ug/l

RT: 5.294 min Scan# 51

Delta R.T. 0.011 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

Instrument :

MSVOA_N

ClientSampleId :

S-4-103122

Tgt Ion: 84 Resp: 19252

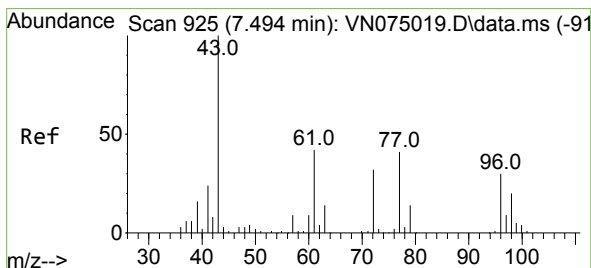
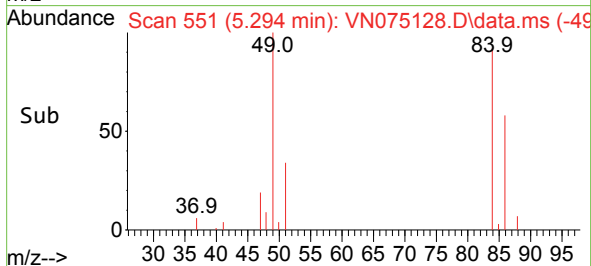
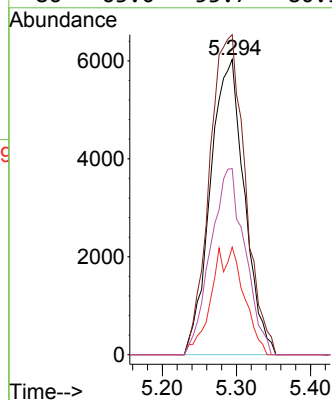
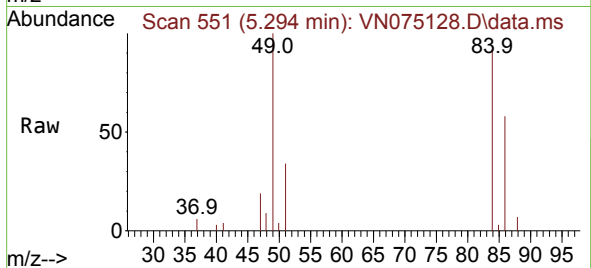
Ion Ratio Lower Upper

84 100

49 108.4 94.9 142.3

51 36.4 26.8 40.2

86 63.0 53.7 80.5



#25

2-Butanone

Concen: 0.901 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.012 min

Lab File: VN075128.D

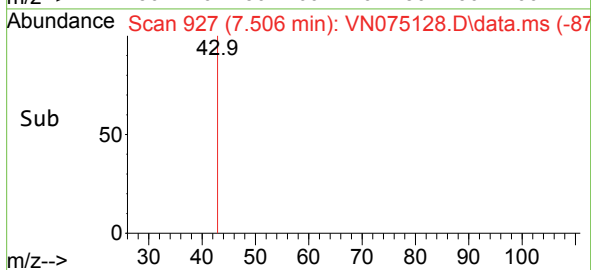
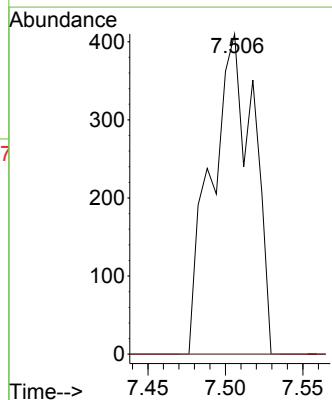
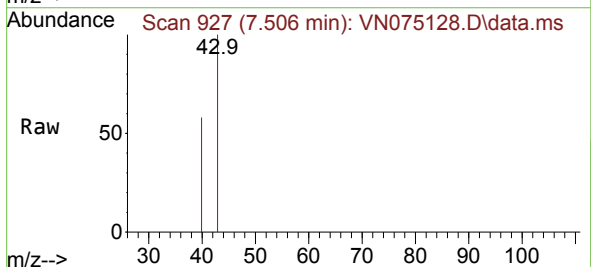
Acq: 02 Nov 2022 19:40

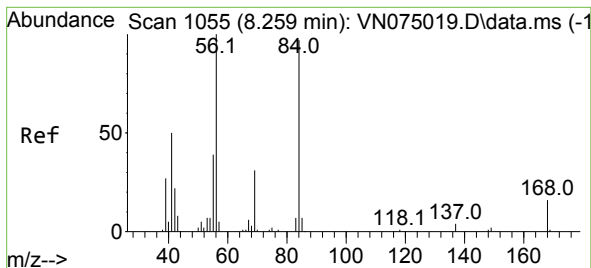
Tgt Ion: 43 Resp: 777

Ion Ratio Lower Upper

43 100

72 0.0 25.5 38.3#





#31

Cyclohexane

Concen: 1.309 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.030 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

Instrument :

MSVOA_N

ClientSampleId :

S-4-103122

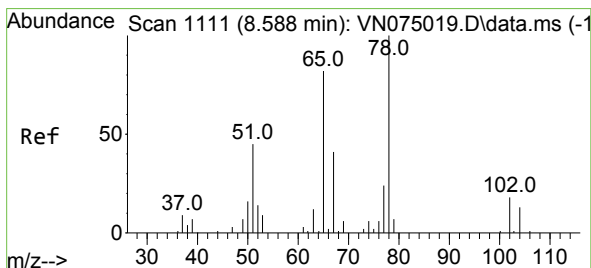
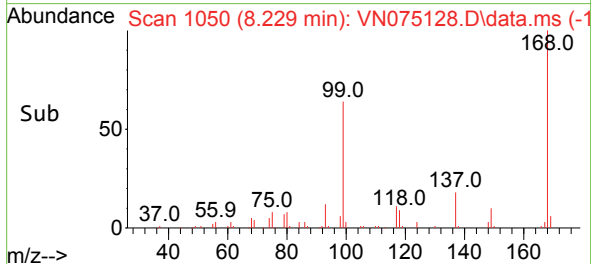
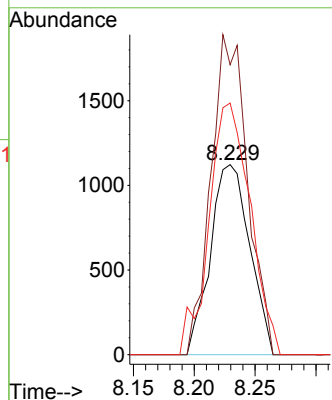
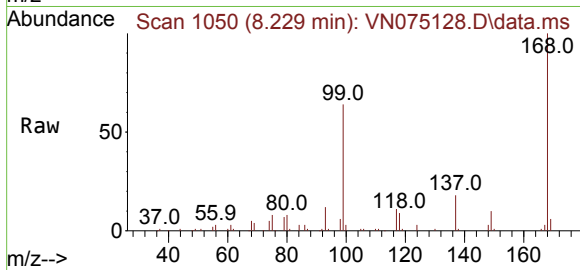
Tgt Ion: 56 Resp: 2521

Ion Ratio Lower Upper

56 100

69 152.4 25.2 37.8#

84 132.3 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 61.419 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075128.D

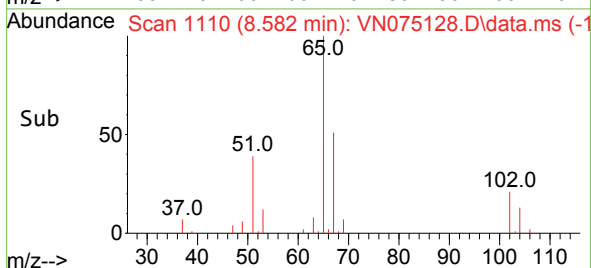
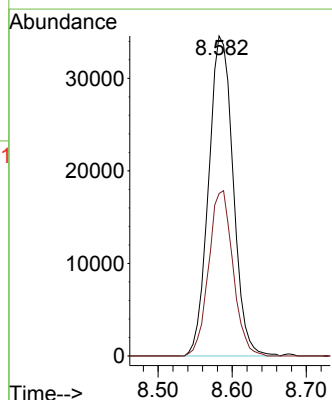
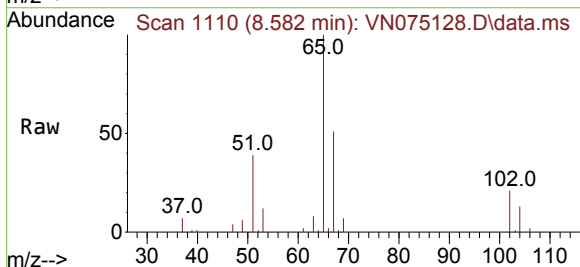
Acq: 02 Nov 2022 19:40

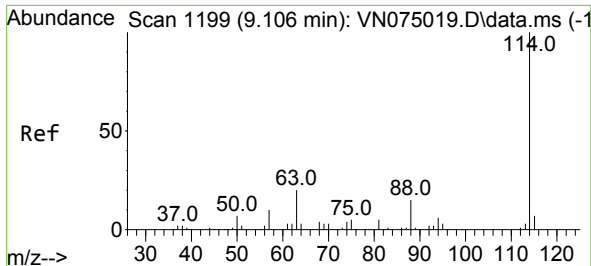
Tgt Ion: 65 Resp: 79508

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

Instrument :

MSVOA_N

ClientSampleId :

S-4-103122

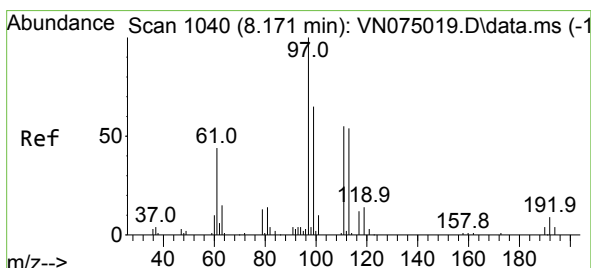
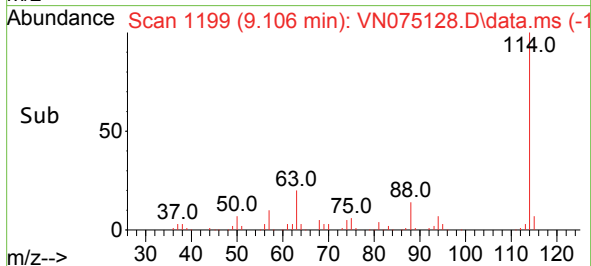
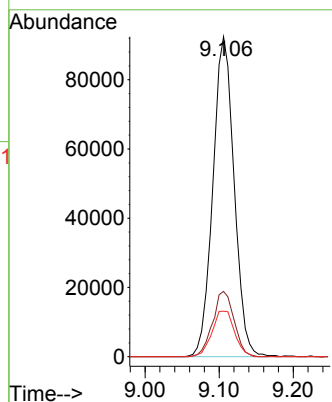
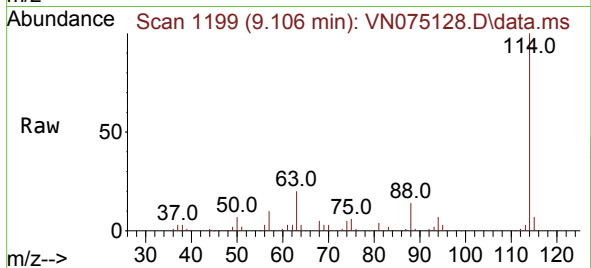
Tgt Ion:114 Resp: 184102

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 57.436 ug/l

RT: 8.176 min Scan# 1041

Delta R.T. 0.005 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

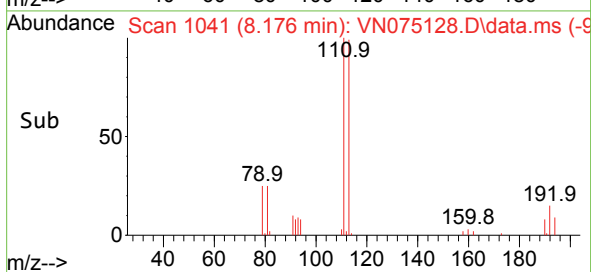
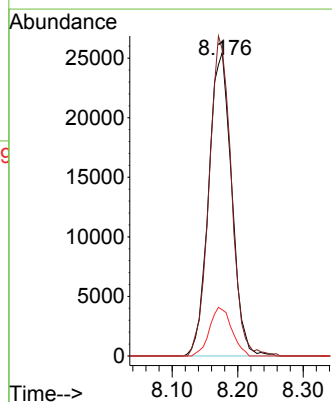
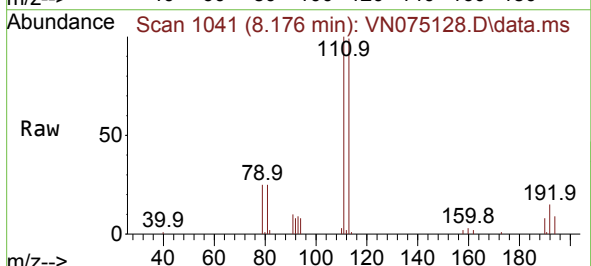
Tgt Ion:113 Resp: 62075

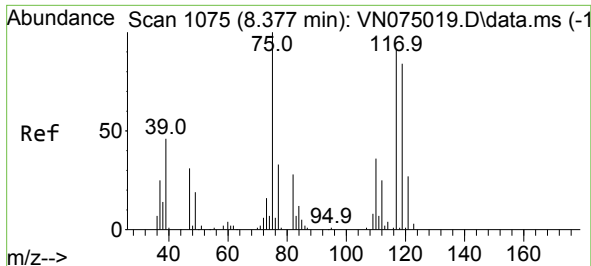
Ion Ratio Lower Upper

113 100

111 101.4 80.5 120.7

192 15.4 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.210 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.148 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

Instrument :

MSVOA_N

ClientSampleId :

S-4-103122

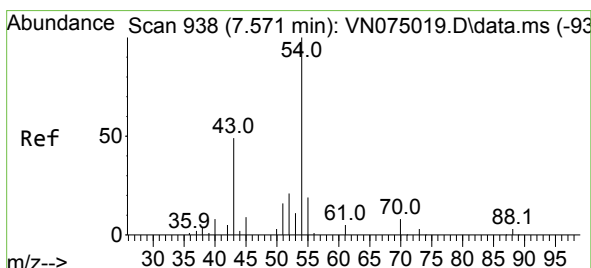
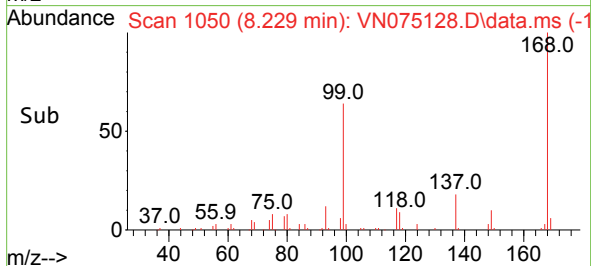
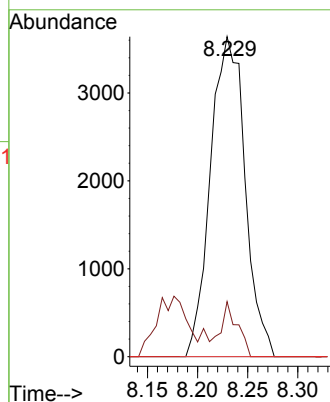
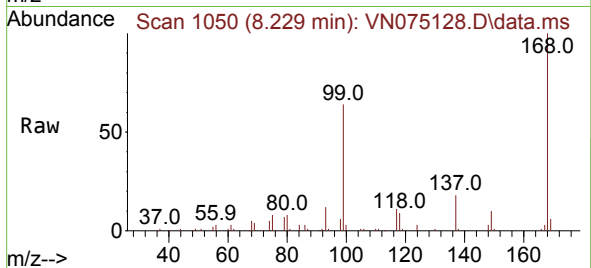
Tgt Ion: 75 Resp: 8718

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.423 ug/l

RT: 7.506 min Scan# 927

Delta R.T. -0.065 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

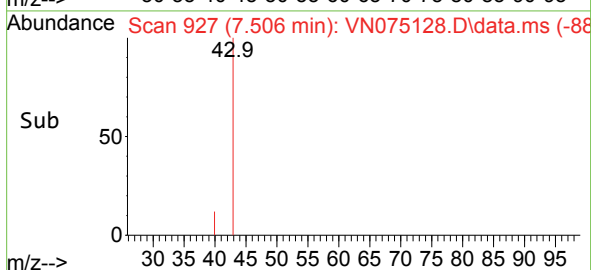
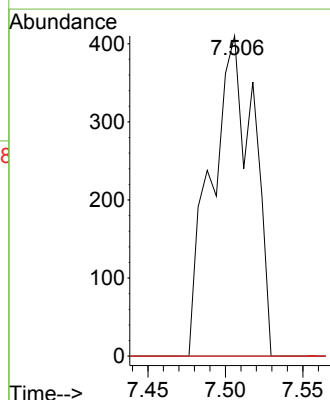
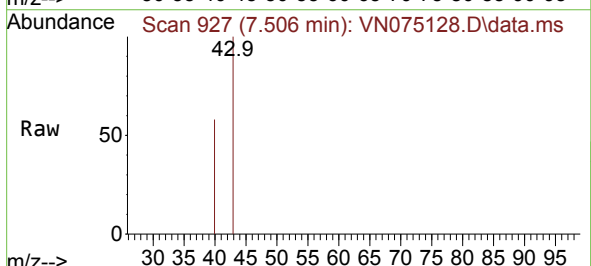
Tgt Ion: 43 Resp: 777

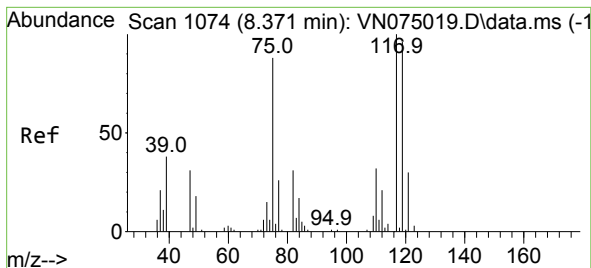
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.4 14.2#





#38

Carbon Tetrachloride

Concen: 5.657 ug/l

RT: 8.229 min Scan# 110

Delta R.T. -0.142 min

Lab File: VN075128.D

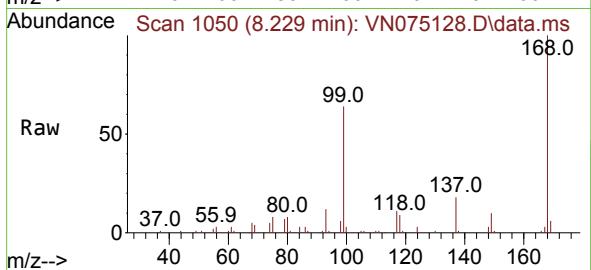
Acq: 02 Nov 2022 19:40

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S-4-103122



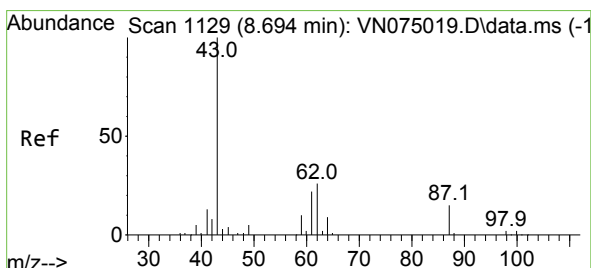
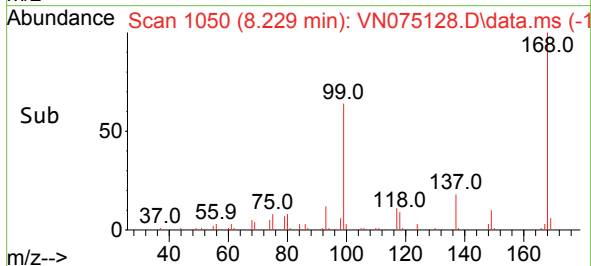
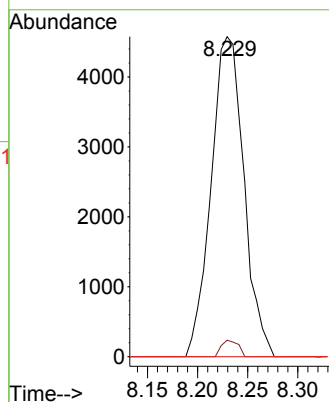
Tgt Ion:117 Resp: 10412

Ion Ratio Lower Upper

117 100

119 5.2 76.7 115.1#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.349 ug/l

RT: 8.806 min Scan# 1148

Delta R.T. 0.112 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

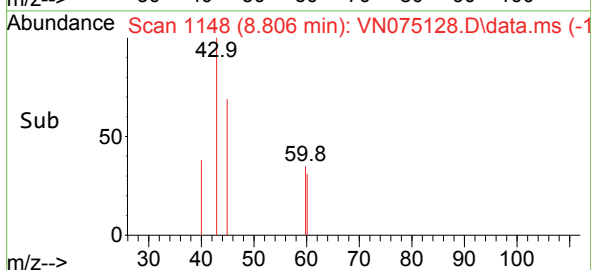
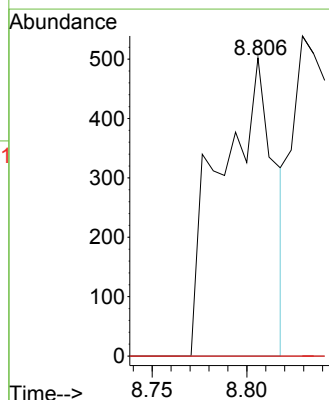
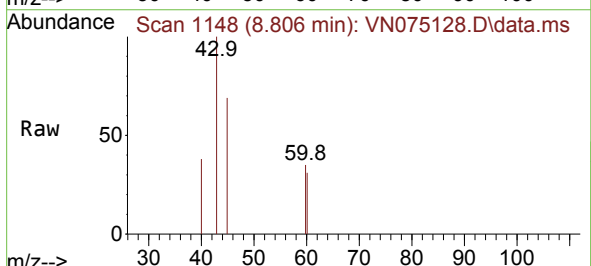
Tgt Ion: 43 Resp: 993

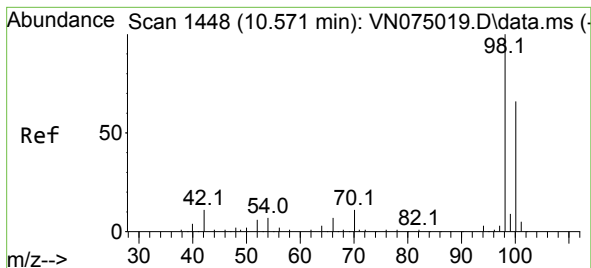
Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#





#50

Toluene-d8

Concen: 53.615 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

Instrument :

MSVOA_N

ClientSampleId :

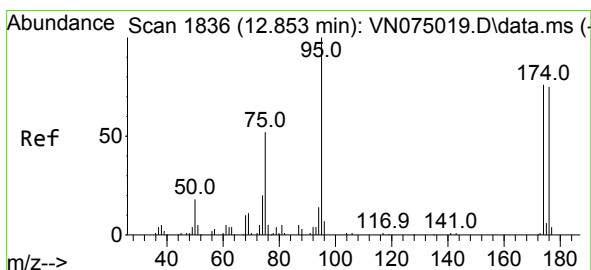
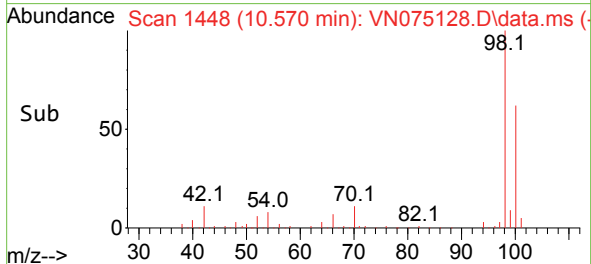
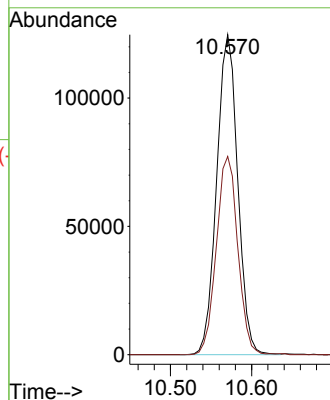
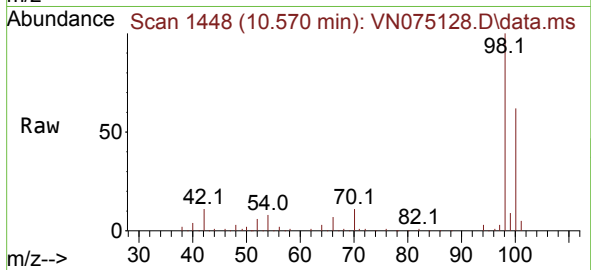
S-4-103122

Tgt Ion: 98 Resp: 224815

Ion Ratio Lower Upper

98 100

100 63.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 43.583 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075128.D

Acq: 02 Nov 2022 19:40

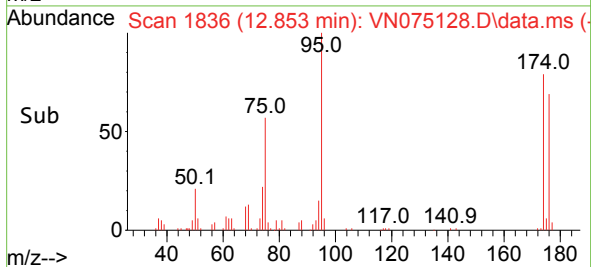
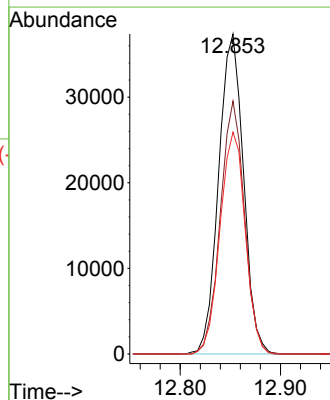
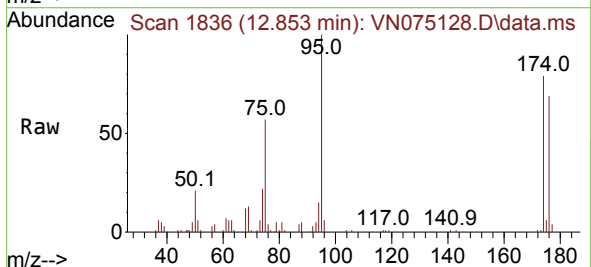
Tgt Ion: 95 Resp: 64196

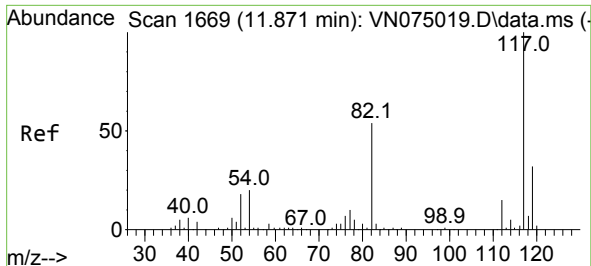
Ion Ratio Lower Upper

95 100

174 76.6 0.0 147.4

176 70.5 0.0 142.2

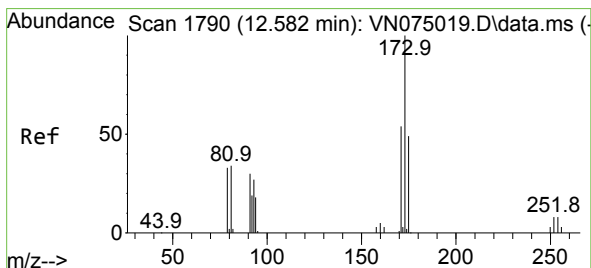
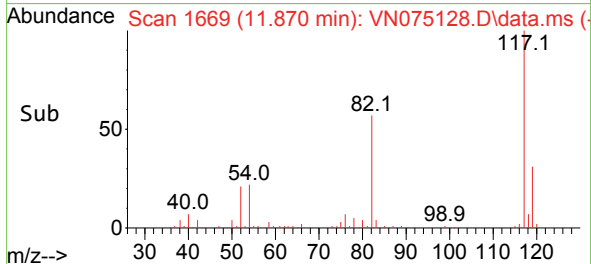
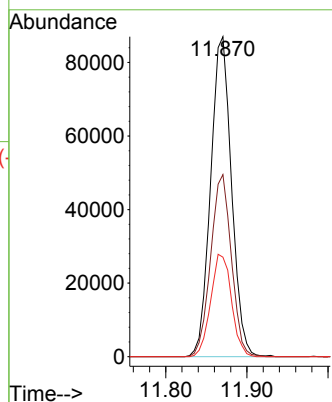
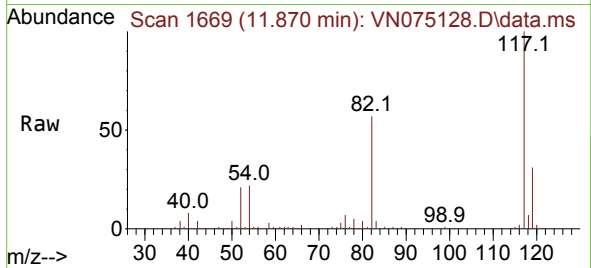




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075128.D
Acq: 02 Nov 2022 19:40

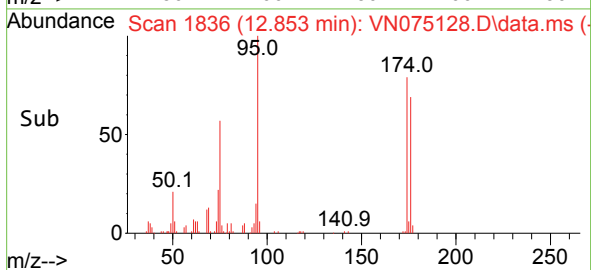
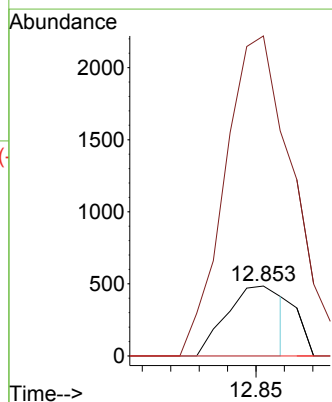
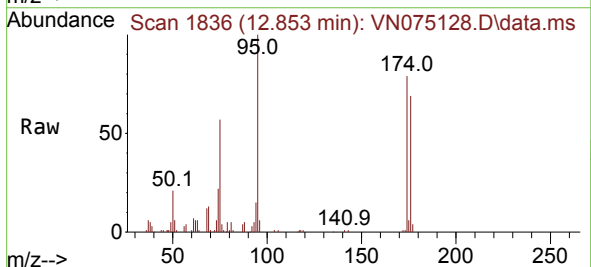
Instrument :
MSVOA_N
ClientSampleId :
S-4-103122

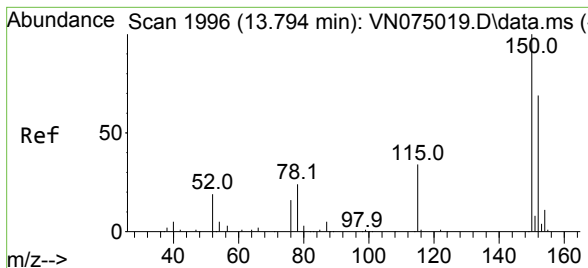
Tgt Ion:117 Resp: 155478
Ion Ratio Lower Upper
117 100
82 56.9 43.1 64.7
119 31.1 25.5 38.3



#71
Bromoform
Concen: 0.714 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075128.D
Acq: 02 Nov 2022 19:40

Tgt Ion:173 Resp: 658
Ion Ratio Lower Upper
173 100
175 452.3 24.6 74.0#
254 0.0 0.0 0.0

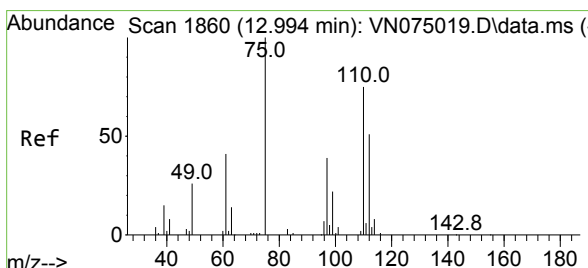
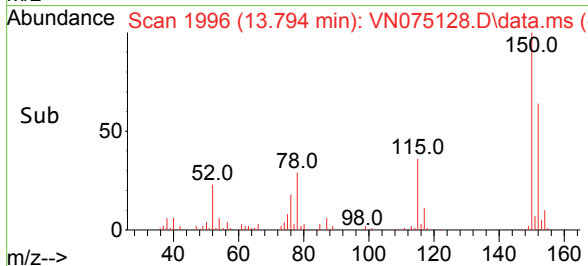
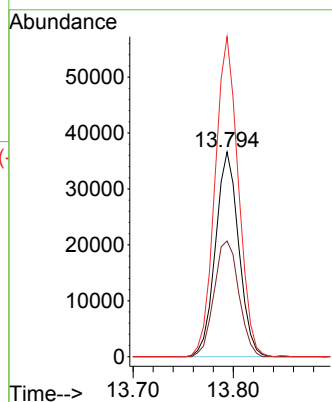
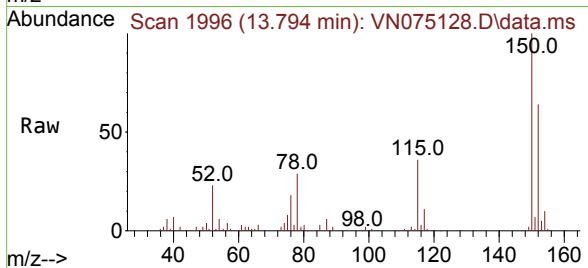




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075128.D
 Acq: 02 Nov 2022 19:40

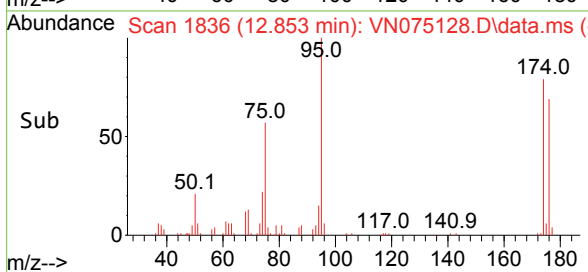
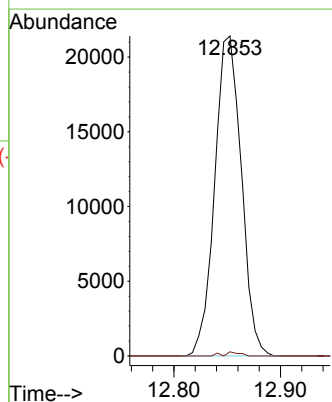
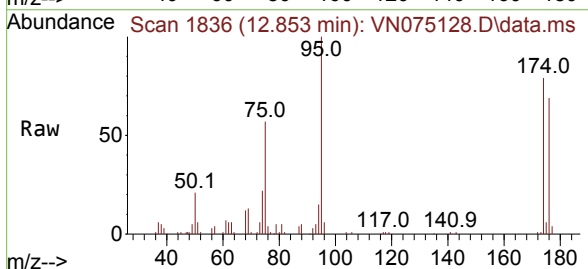
Instrument :
 MSVOA_N
 ClientSampleId :
 S-4-103122

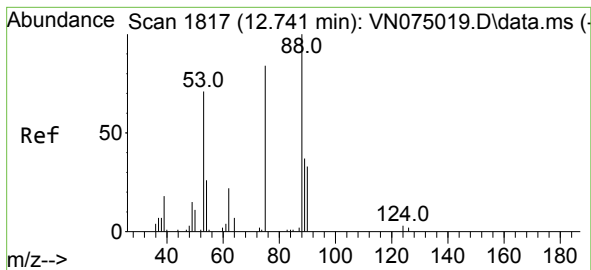
Tgt Ion:152 Resp: 58914
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.2 90.6
 150 156.7 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 29.711 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075128.D
 Acq: 02 Nov 2022 19:40

Tgt Ion: 75 Resp: 37165
 Ion Ratio Lower Upper
 75 100
 77 0.8 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.267 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN075128.D
 Acq: 02 Nov 2022 19:40

Instrument :
 MSVOA_N
 ClientSampleId :
 S-4-103122

Tgt Ion: 75 Resp: 37165
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

