

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075133.D
 Acq On : 02 Nov 2022 21:40
 Operator : JC\MD
 Sample : N5395-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-7-103122

Quant Time: Nov 03 04:24:54 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)

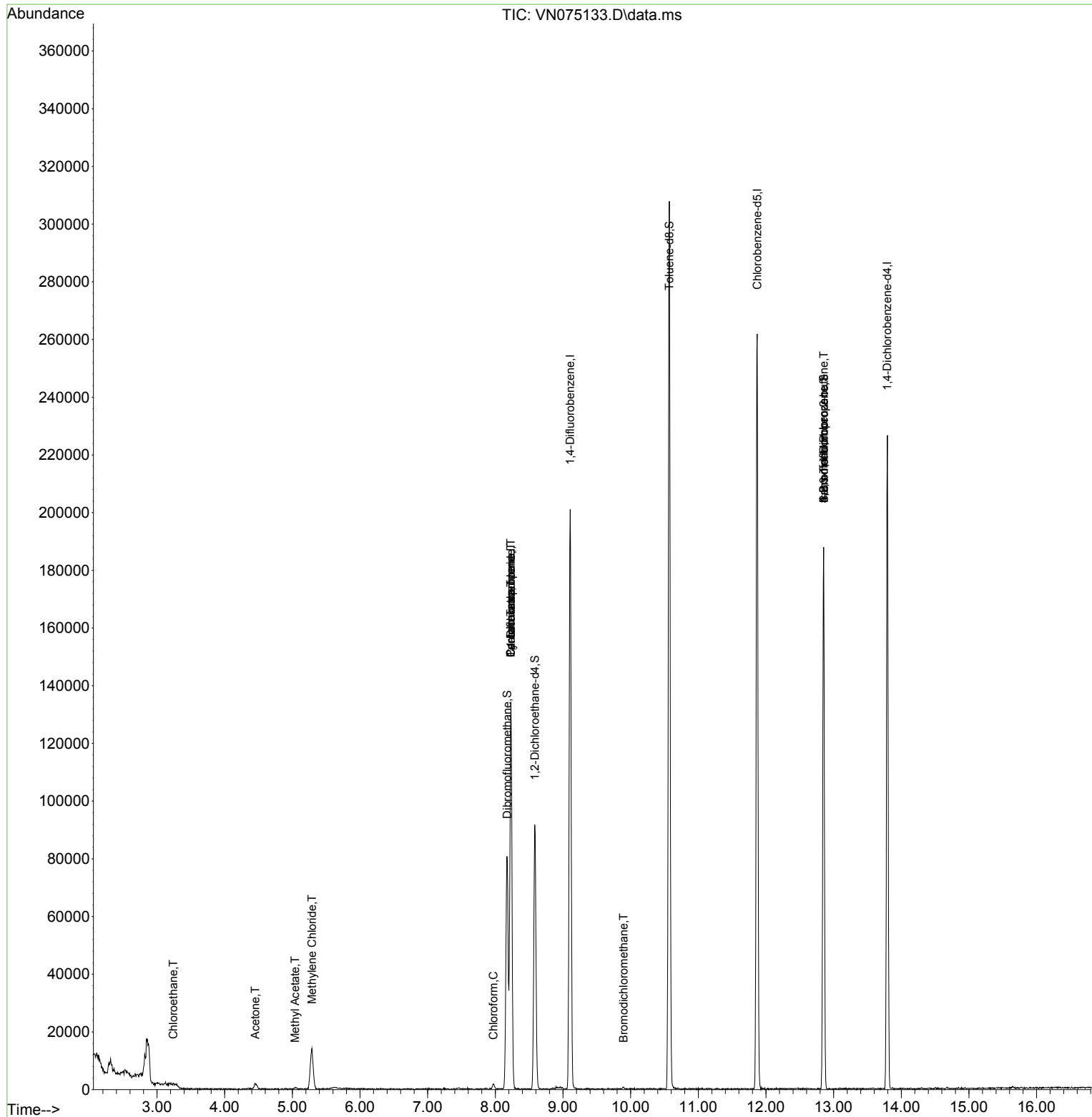
Internal Standards						
1) Pentafluorobenzene	8.230	168	92923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	175590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	150954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	75523	60.321	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.640%			
35) Dibromofluoromethane	8.177	113	57122	55.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.840%			
50) Toluene-d8	10.571	98	212856	53.224	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.853	95	62485	44.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.960%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.889	94	54	Below Cal	#	5
6) Chloroethane	3.242	64	500	0.381	ug/l #	45
16) Acetone	4.453	43	3828	7.221	ug/l #	77
18) Methyl Acetate	5.042	43	722	0.417	ug/l #	47
20) Methylene Chloride	5.289	84	11515	9.742	ug/l	95
30) Chloroform	7.971	83	1845	0.846	ug/l #	78
31) Cyclohexane	8.230	56	2550	1.369	ug/l #	37
36) 1,1-Dichloropropene	8.230	75	8649	5.420	ug/l #	50
38) Carbon Tetrachloride	8.230	117	10305	5.870	ug/l #	14
47) Bromodichloromethane	9.894	83	679	0.387	ug/l #	75
71) Bromoform	12.853	173	527	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	35125	28.996	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	35125	74.432	ug/l #	10

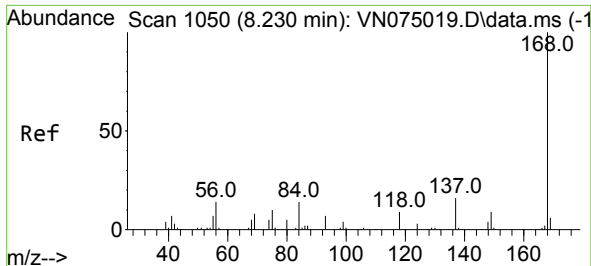
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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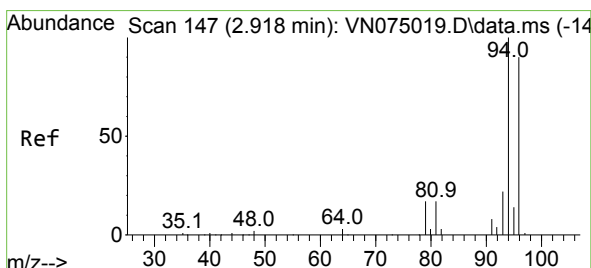
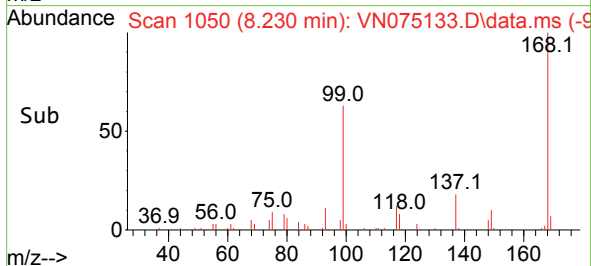
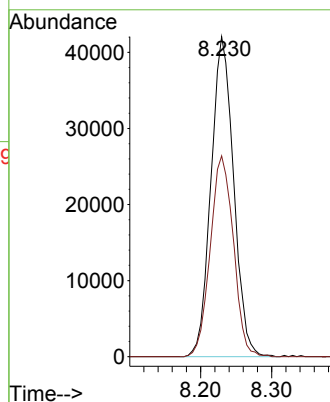
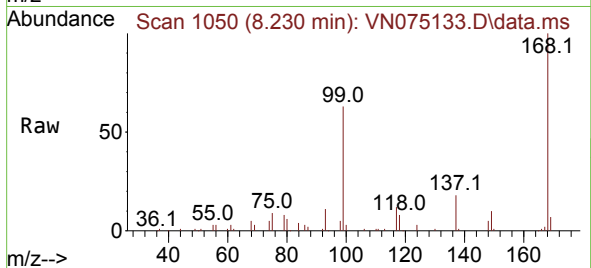




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

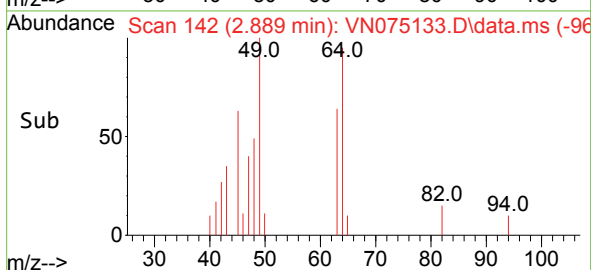
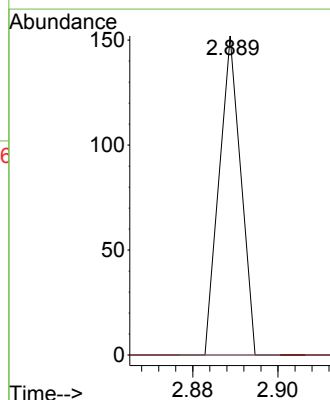
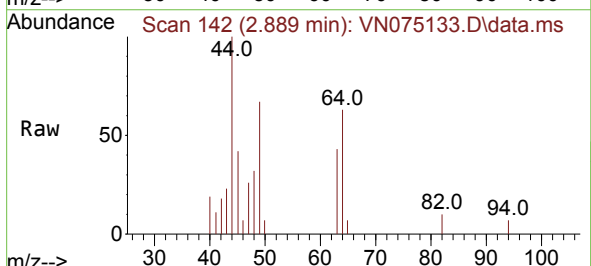
Instrument :
MSVOA_N
ClientSampleId :
S-7-103122

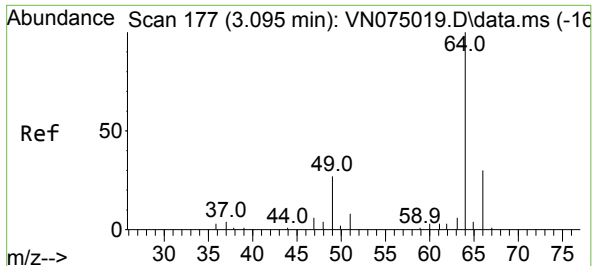
Tgt Ion:168 Resp: 92923
Ion Ratio Lower Upper
168 100
99 62.8 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.889 min Scan# 142
Delta R.T. -0.029 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#





#6

Chloroethane

Concen: 0.381 ug/l

RT: 3.242 min Scan# 20

Delta R.T. 0.147 min

Lab File: VN075133.D

Acq: 02 Nov 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

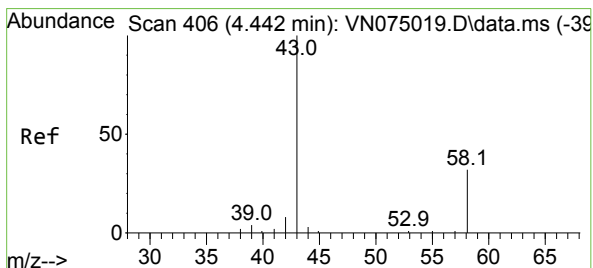
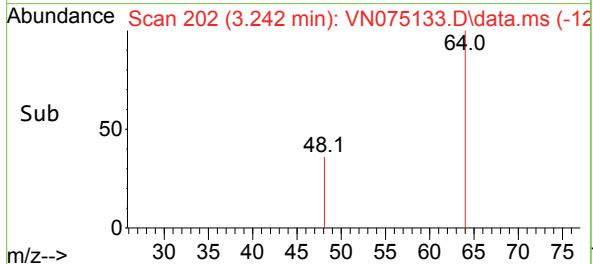
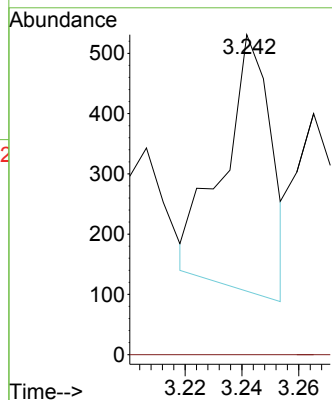
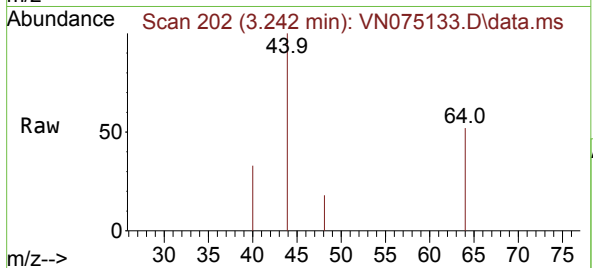
S-7-103122

Tgt Ion: 64 Resp: 500

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#



#16

Acetone

Concen: 7.221 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.011 min

Lab File: VN075133.D

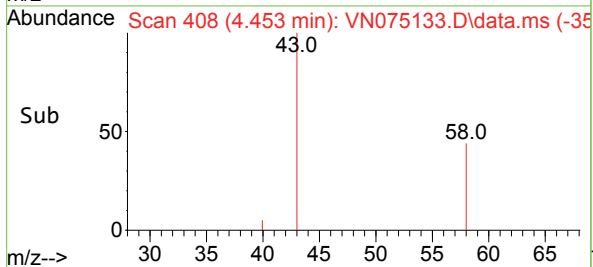
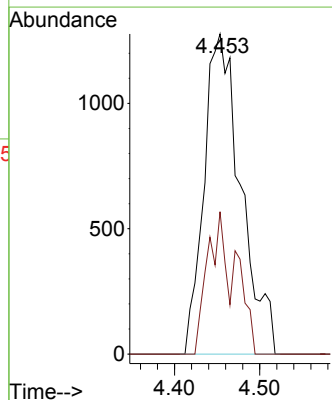
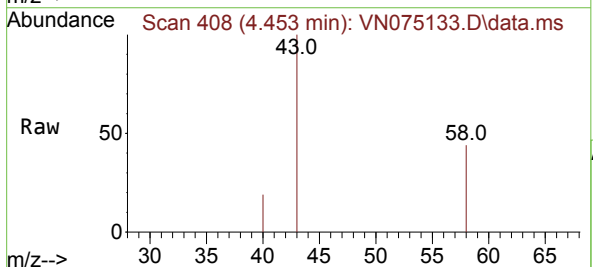
Acq: 02 Nov 2022 21:40

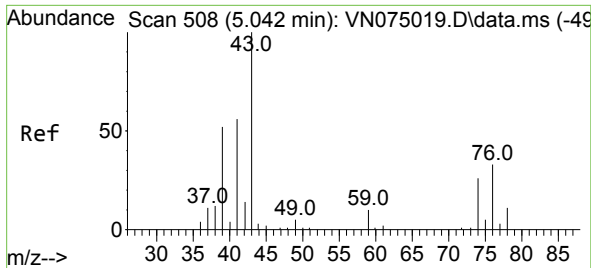
Tgt Ion: 43 Resp: 3828

Ion Ratio Lower Upper

43 100

58 44.5 25.5 38.3#





#18

Methyl Acetate

Concen: 0.417 ug/l

RT: 5.042 min Scan# 508

Delta R.T. -0.000 min

Lab File: VN075133.D

Acq: 02 Nov 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

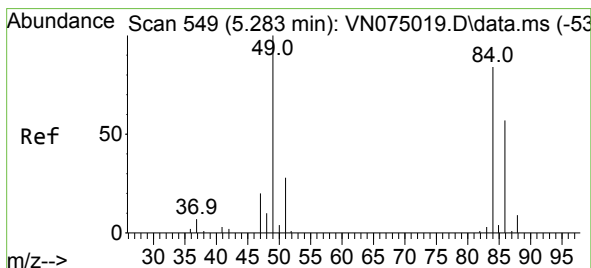
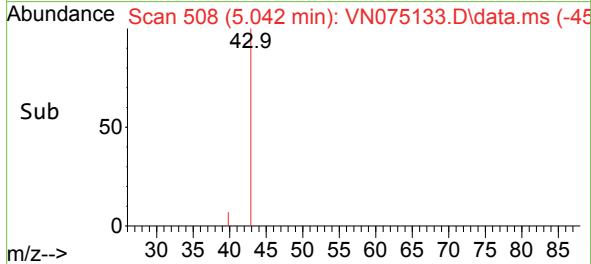
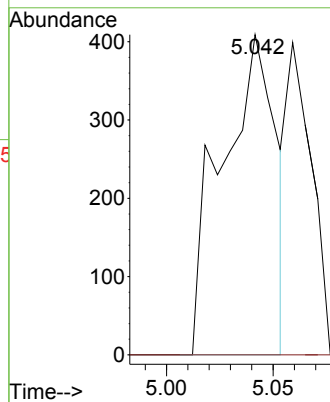
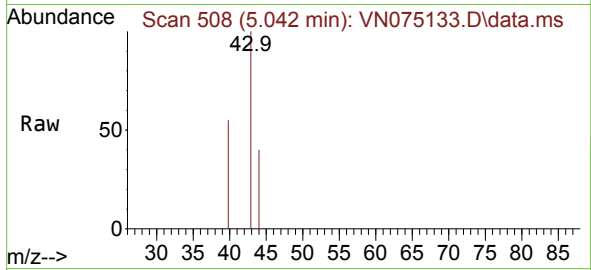
S-7-103122

Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

43 100

74 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: 9.742 ug/l

RT: 5.289 min Scan# 550

Delta R.T. 0.006 min

Lab File: VN075133.D

Acq: 02 Nov 2022 21:40

Tgt Ion: 84 Resp: 11515

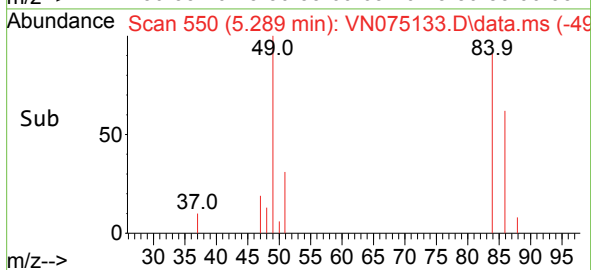
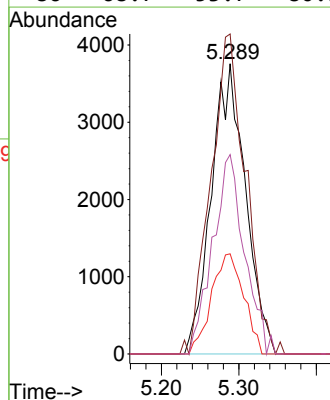
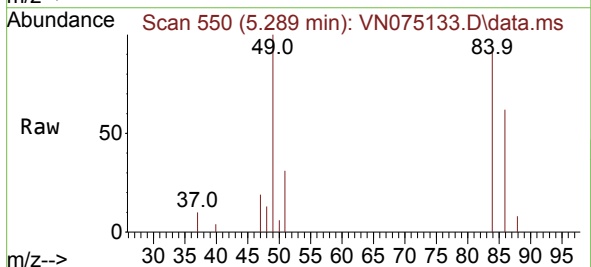
Ion Ratio Lower Upper

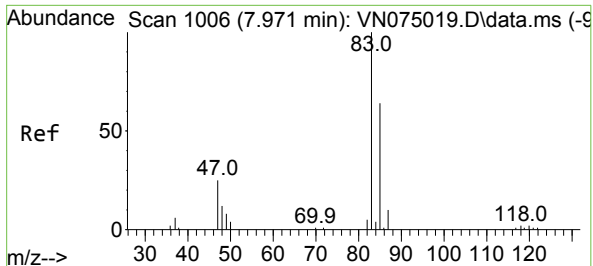
84 100

49 110.3 94.9 142.3

51 34.5 26.8 40.2

86 68.7 53.7 80.5

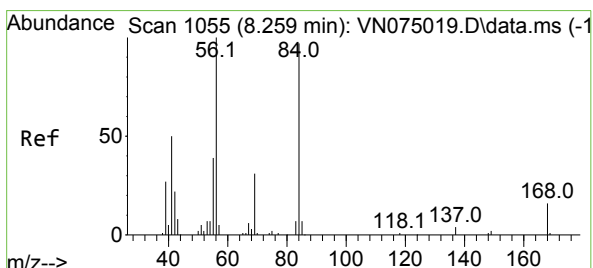
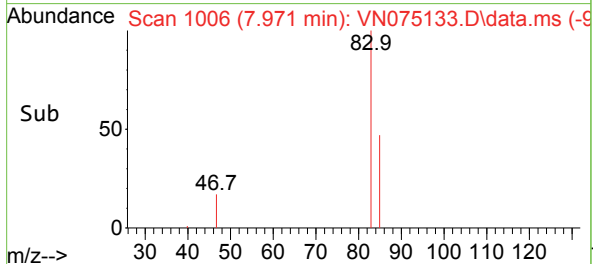
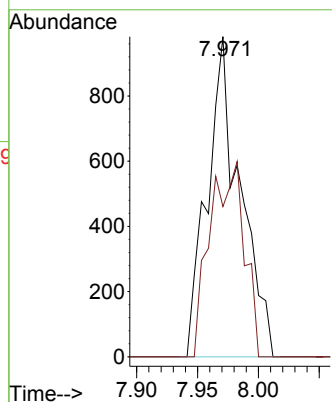
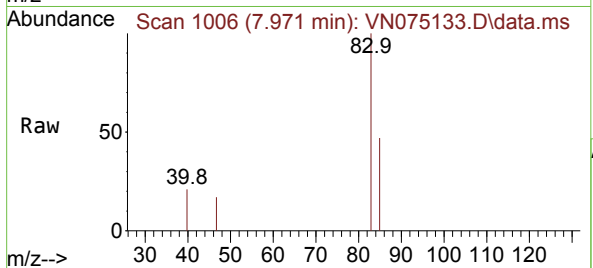




#30
Chloroform
Concen: 0.846 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

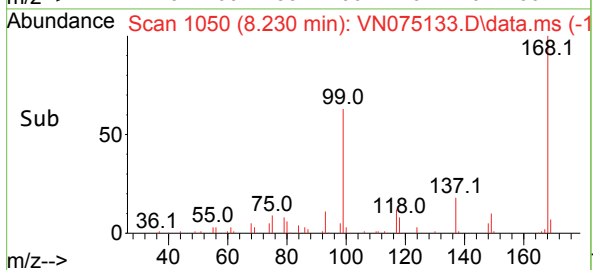
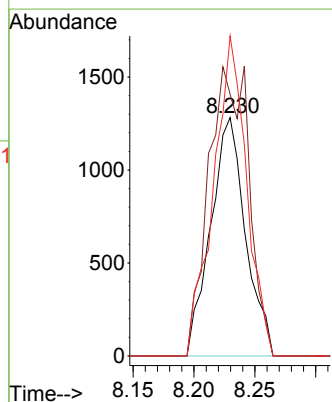
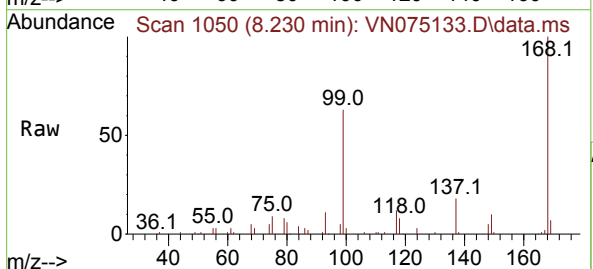
Instrument :
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ClientSampleId :
S-7-103122

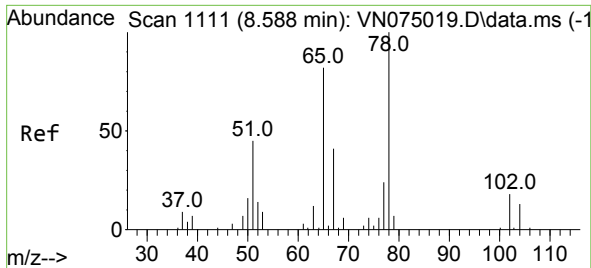
Tgt Ion: 83 Resp: 1845
Ion Ratio Lower Upper
83 100
85 46.9 51.4 77.0#



#31
Cyclohexane
Concen: 1.369 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

Tgt Ion: 56 Resp: 2550
Ion Ratio Lower Upper
56 100
69 109.8 25.2 37.8#
84 134.2 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 60.321 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075133.D

Acq: 02 Nov 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

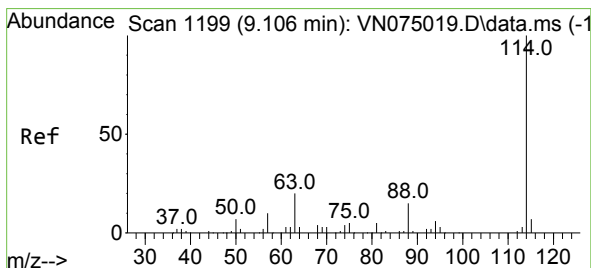
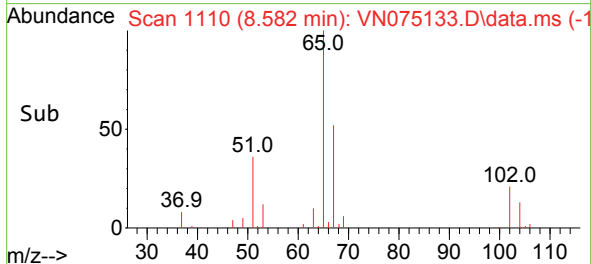
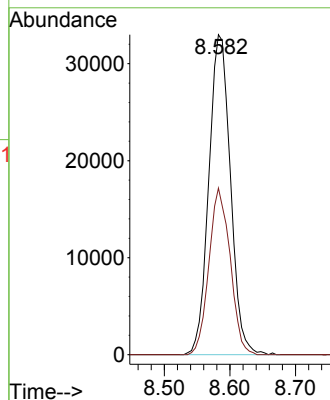
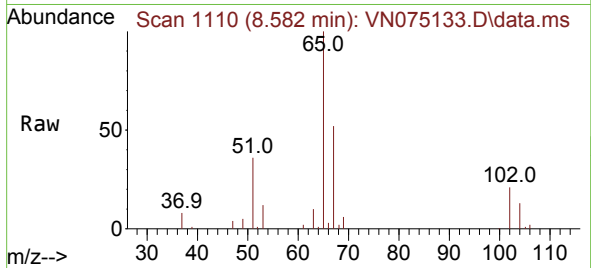
S-7-103122

Tgt Ion: 65 Resp: 75523

Ion Ratio Lower Upper

65 100

67 51.0 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: VN075133.D

Acq: 02 Nov 2022 21:40

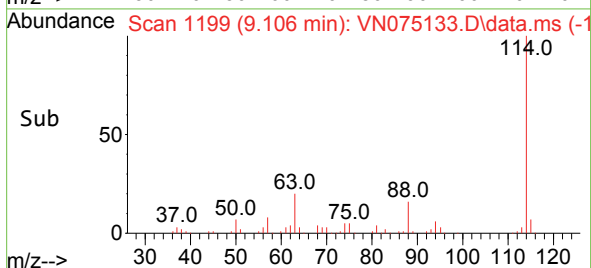
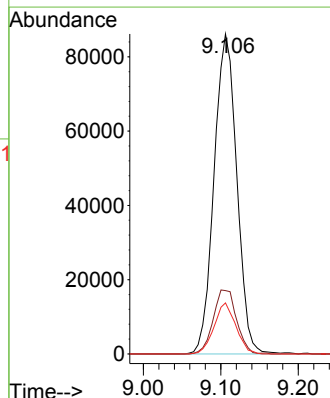
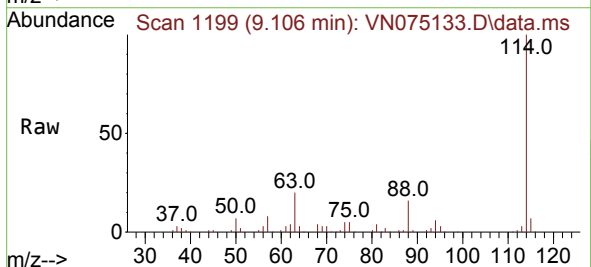
Tgt Ion: 114 Resp: 175590

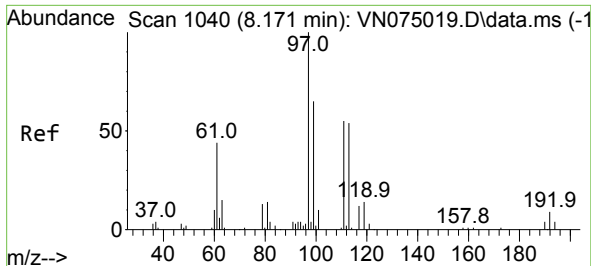
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 16.0 0.0 29.0

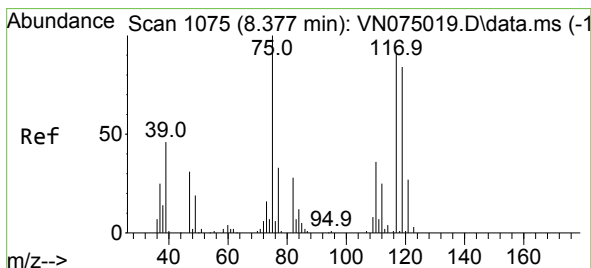
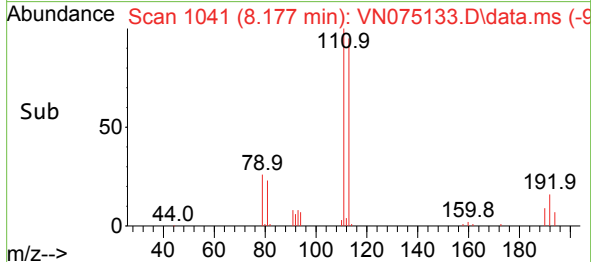
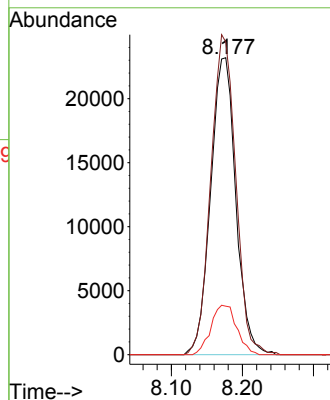
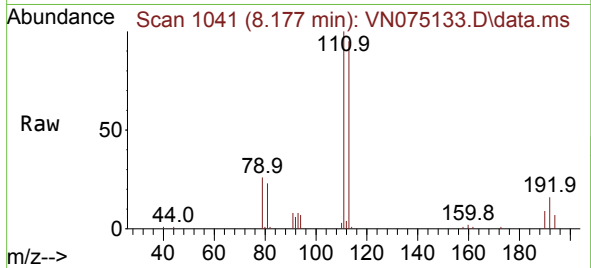




#35
Dibromofluoromethane
Concen: 55.415 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

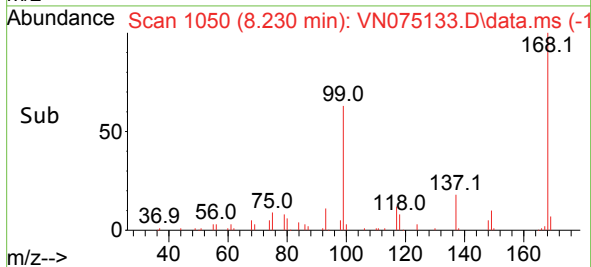
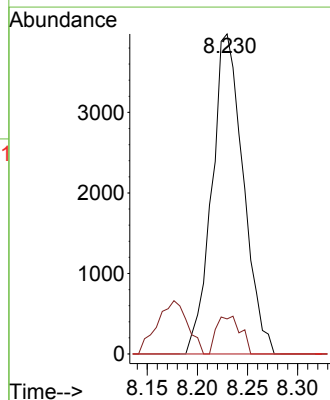
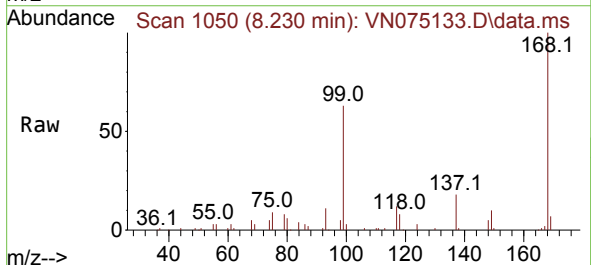
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S-7-103122

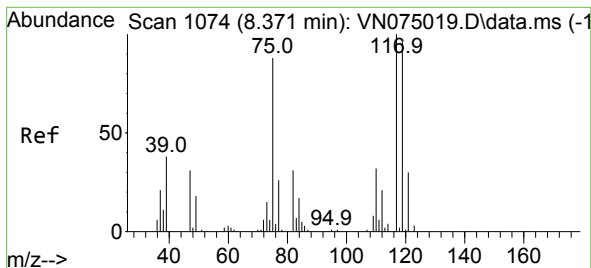
Tgt Ion:113 Resp: 57122
Ion Ratio Lower Upper
113 100
111 106.4 80.5 120.7
192 17.1 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.420 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

Tgt Ion: 75 Resp: 8649
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.3#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.870 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075133.D

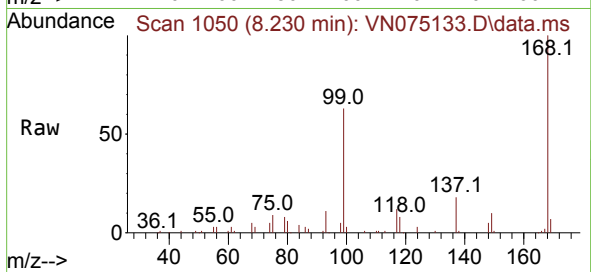
Acq: 02 Nov 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

S-7-103122



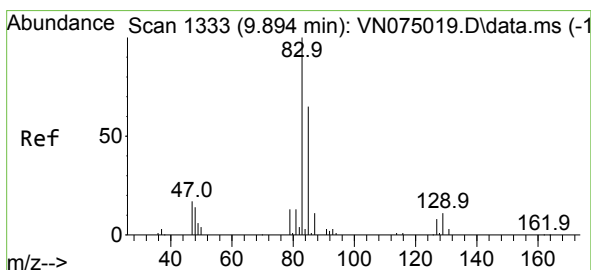
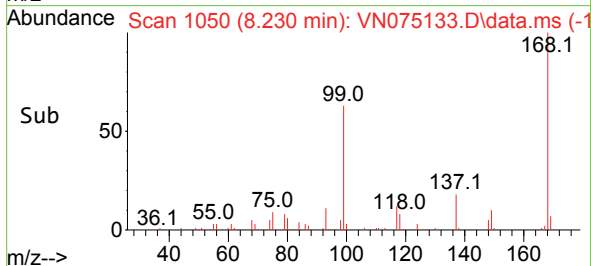
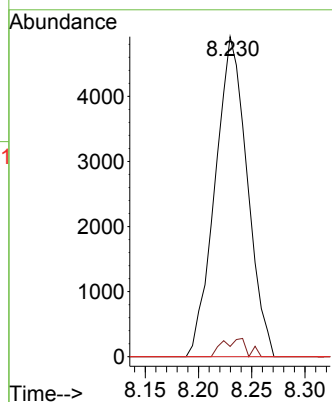
Tgt Ion:117 Resp: 10305

Ion Ratio Lower Upper

117 100

119 3.2 76.7 115.1#

121 0.0 23.9 35.9#



#47

Bromodichloromethane

Concen: 0.387 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.000 min

Lab File: VN075133.D

Acq: 02 Nov 2022 21:40

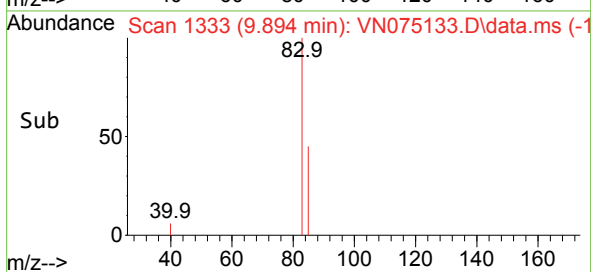
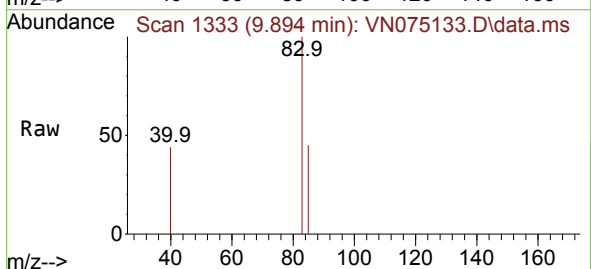
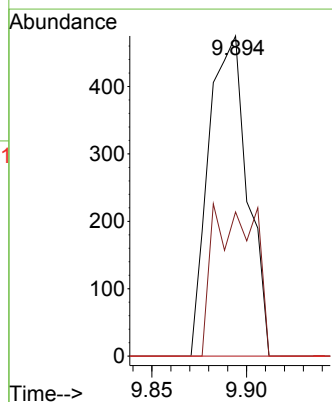
Tgt Ion: 83 Resp: 679

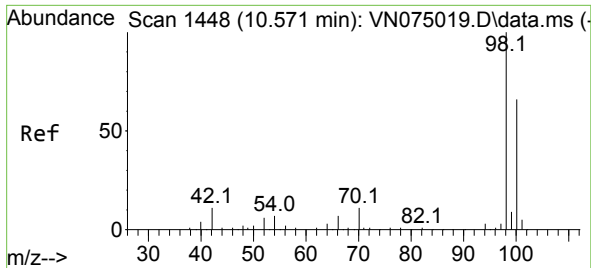
Ion Ratio Lower Upper

83 100

85 45.1 52.1 78.1#

127 0.0 6.6 10.0#

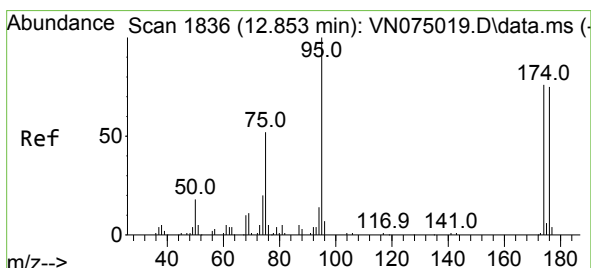
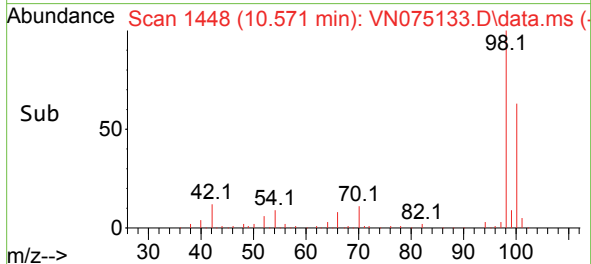
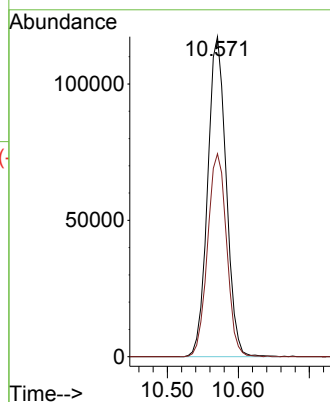
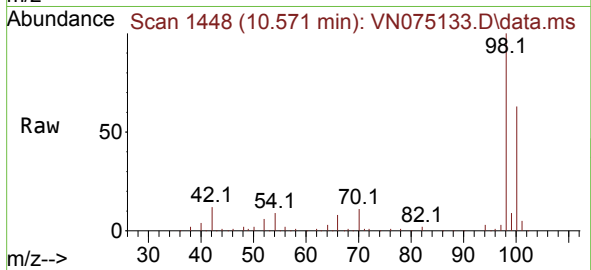




#50
Toluene-d8
Concen: 53.224 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

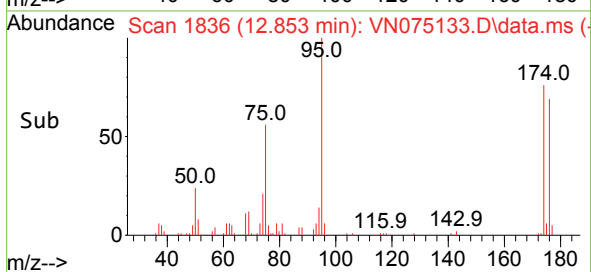
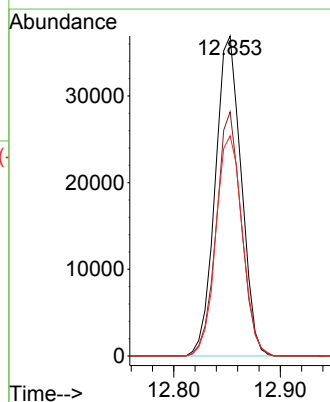
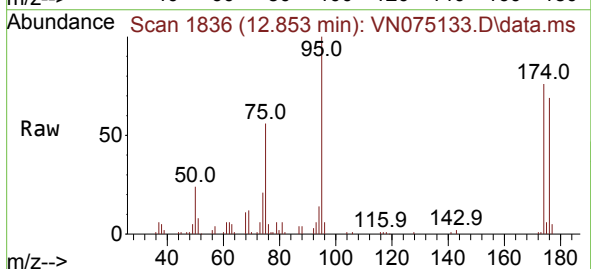
Instrument :
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S-7-103122

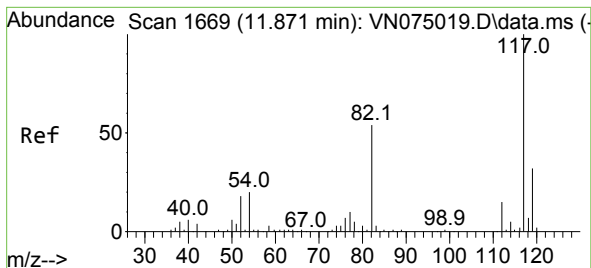
Tgt Ion: 98 Resp: 212856
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 44.478 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

Tgt Ion: 95 Resp: 62485
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.4
176 70.4 0.0 142.2

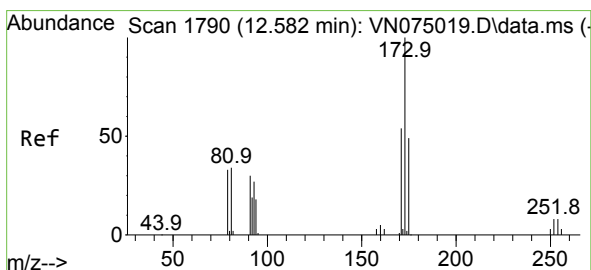
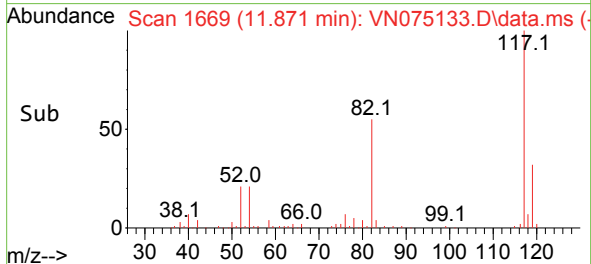
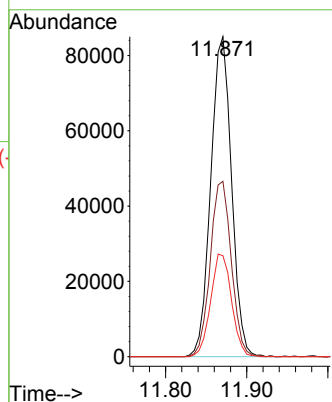
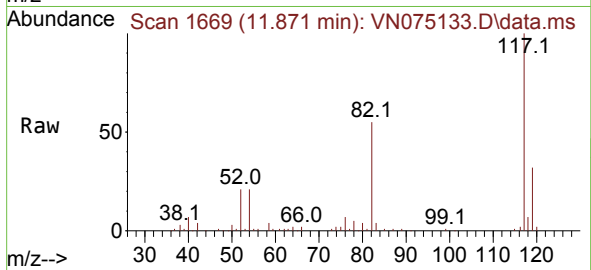




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

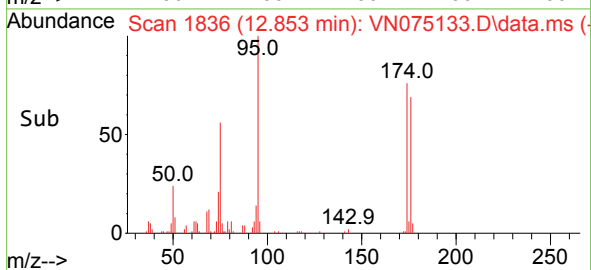
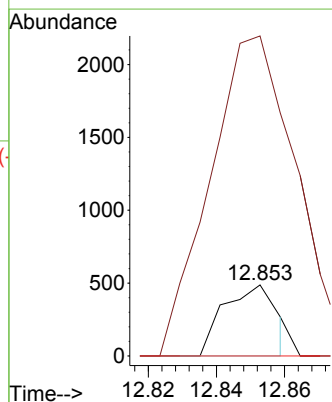
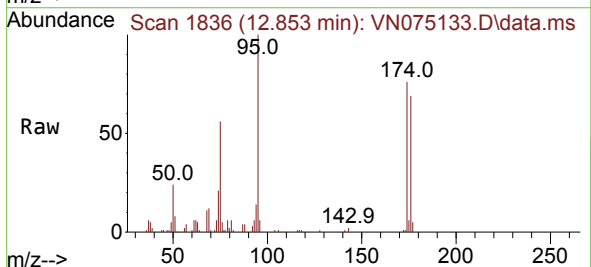
Instrument :
MSVOA_N
ClientSampleId :
S-7-103122

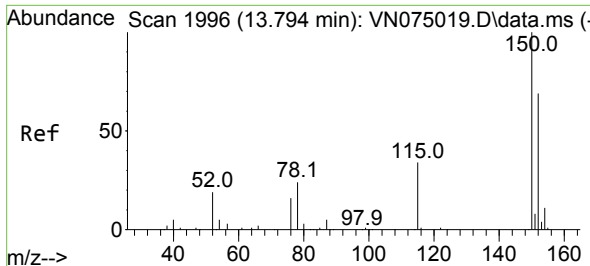
Tgt Ion:117 Resp: 150954
Ion Ratio Lower Upper
117 100
82 54.8 43.1 64.7
119 31.6 25.5 38.3



#71
Bromoform
Concen: 0.589 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075133.D
Acq: 02 Nov 2022 21:40

Tgt Ion:173 Resp: 527
Ion Ratio Lower Upper
173 100
175 598.1 24.6 74.0#
254 0.0 0.0 0.0

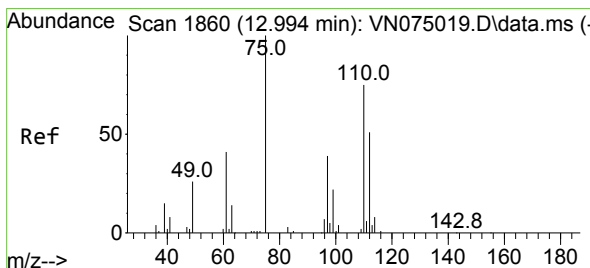
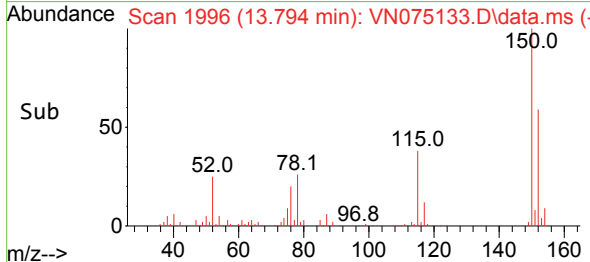
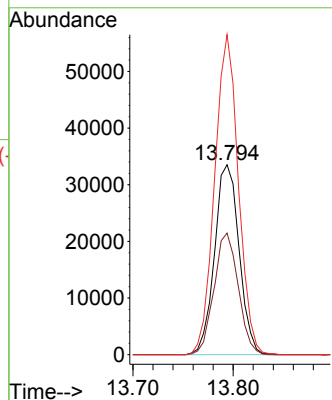
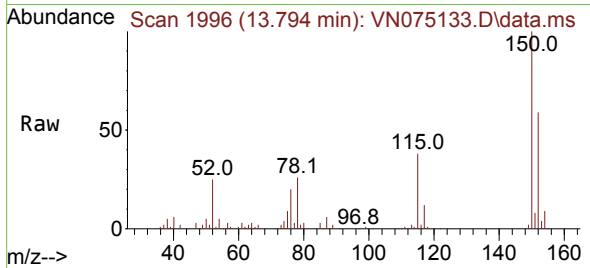




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075133.D
 Acq: 02 Nov 2022 21:40

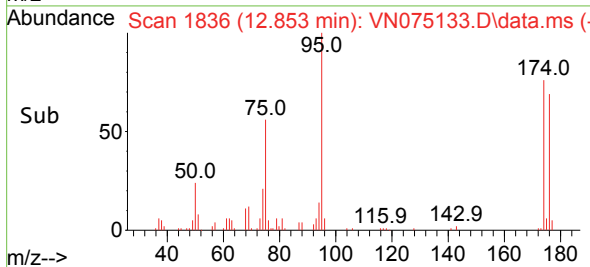
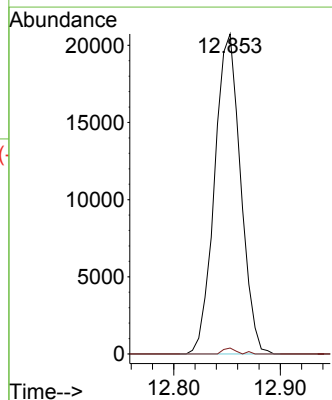
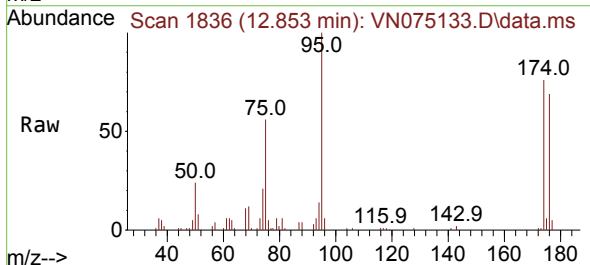
Instrument :
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 ClientSampleId :
 S-7-103122

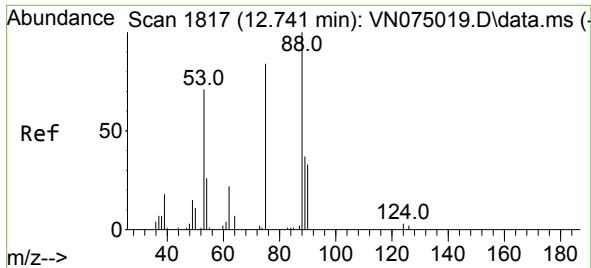
Tgt Ion:152 Resp: 57053
 Ion Ratio Lower Upper
 152 100
 115 63.1 30.2 90.6
 150 162.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 28.996 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075133.D
 Acq: 02 Nov 2022 21:40

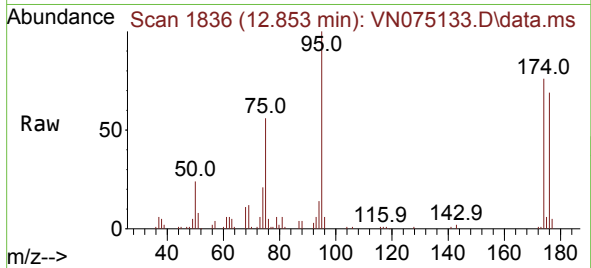
Tgt Ion: 75 Resp: 35125
 Ion Ratio Lower Upper
 75 100
 77 1.0 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.432 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN075133.D
 Acq: 02 Nov 2022 21:40

Instrument :
 MSVOA_N
 ClientSampleId :
 S-7-103122



Tgt Ion: 75 Resp: 35125
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

