

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075845.D
 Acq On : 16 Dec 2022 14:14
 Operator : JC\MD
 Sample : N6092-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20221269-FIELD-BLANK

Quant Time: Dec 17 08:39:35 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)

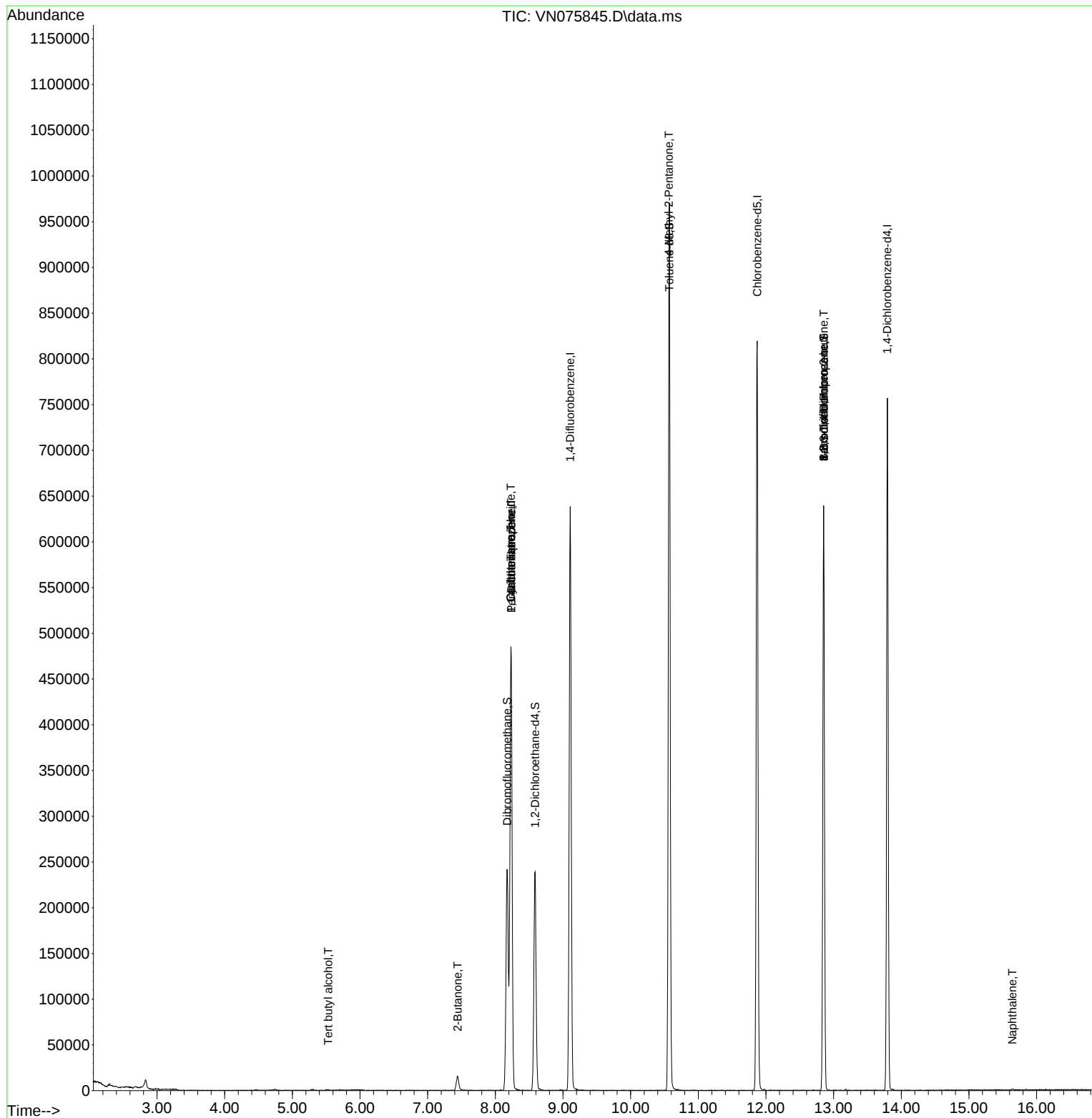
Internal Standards						
1) Pentafluorobenzene	8.236	168	383720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	596249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	513901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	195237	46.769	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.540%		
35) Dibromofluoromethane	8.177	113	177269	48.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.020%		
50) Toluene-d8	10.571	98	690500	50.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.040%		
62) 4-Bromofluorobenzene	12.853	95	212853	46.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	971	1.644	ug/l #	72
20) Methylene Chloride	5.283	84	606	Below Cal	#	72
25) 2-Butanone	7.441	43	559	0.277	ug/l #	40
31) Cyclohexane	8.230	56	7151	1.196	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	27009	5.506	ug/l #	49
38) Carbon Tetrachloride	8.230	117	37690	6.865	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	2457	0.625	ug/l #	1
71) Bromoform	12.853	173	1012	0.356	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	109303	26.186	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109303	94.258	ug/l #	12
95) Naphthalene	15.641	128	1824	2.332	ug/l #	74

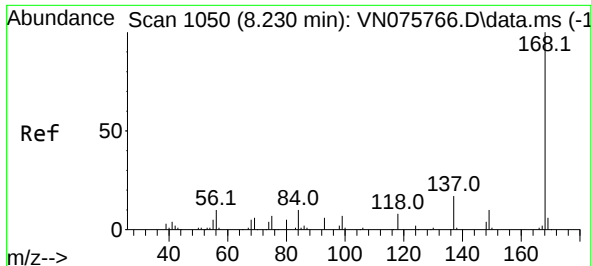
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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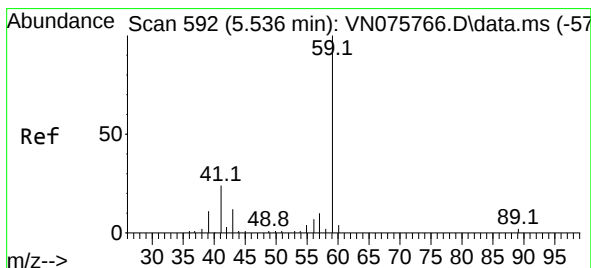
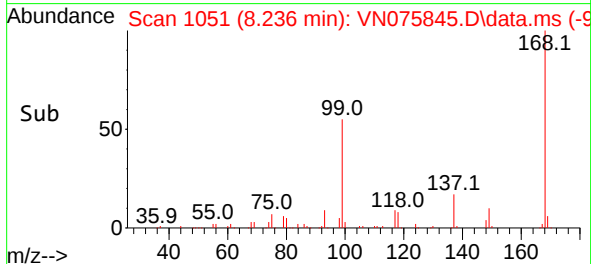
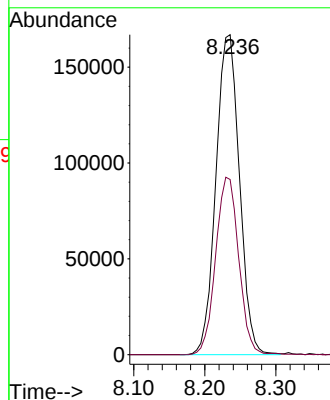
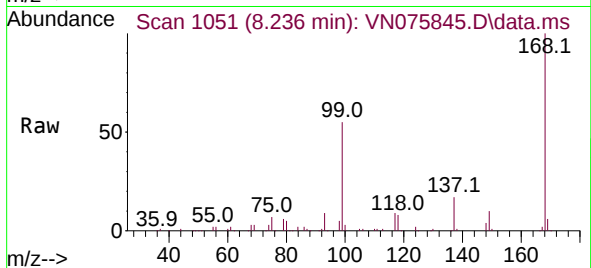




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

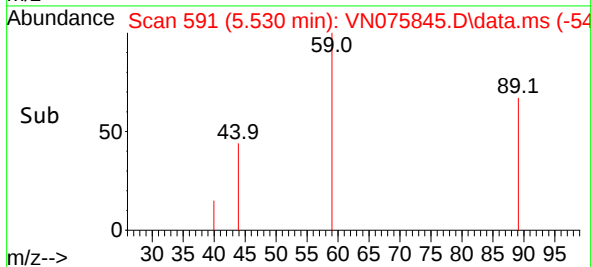
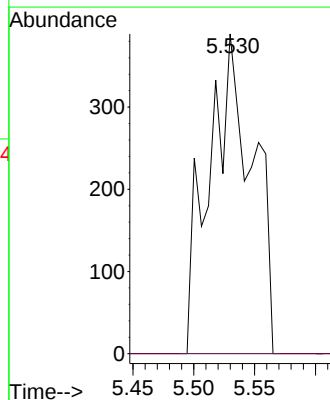
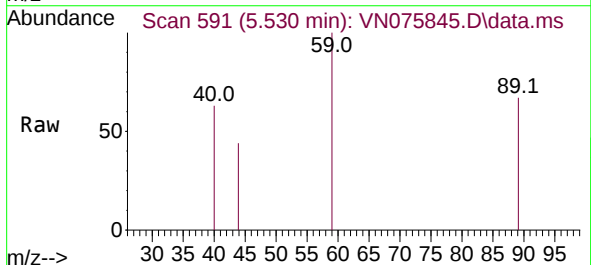
Instrument :
MSVOA_N
ClientSampleId :
20221269-FIELD-BLANK

Tgt Ion:168 Resp: 383720
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.644 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

Tgt Ion: 59 Resp: 971
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.283 min Scan# 54

Delta R.T. -0.006 min

Lab File: VN075845.D

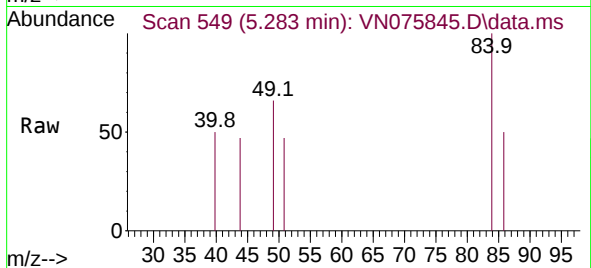
Acq: 16 Dec 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

20221269-FIELD-BLANK



Tgt Ion: 84 Resp: 606

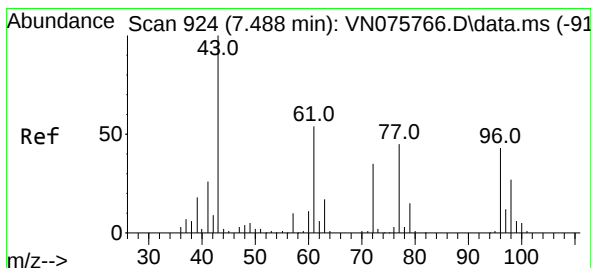
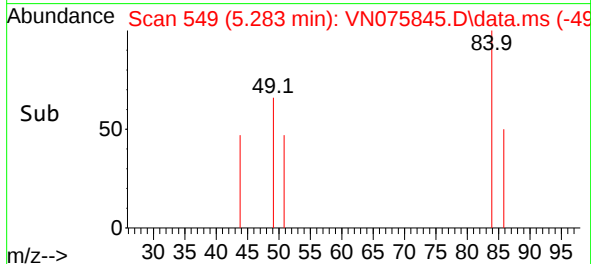
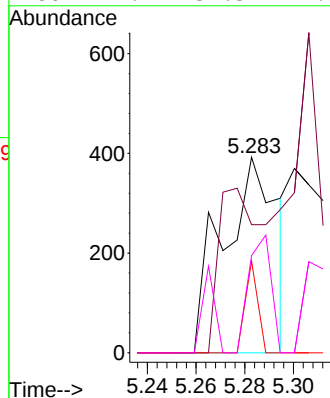
Ion Ratio Lower Upper

84 100

49 65.6 81.8 122.6#

51 46.9 26.7 40.1#

86 49.7 51.5 77.3#



#25

2-Butanone

Concen: 0.277 ug/l

RT: 7.441 min Scan# 916

Delta R.T. -0.047 min

Lab File: VN075845.D

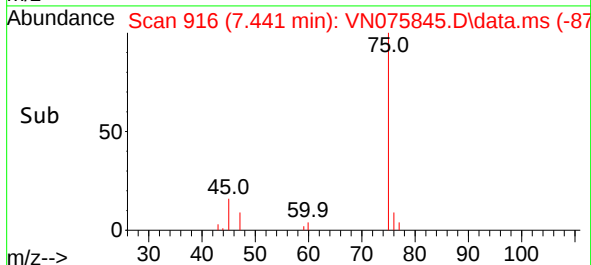
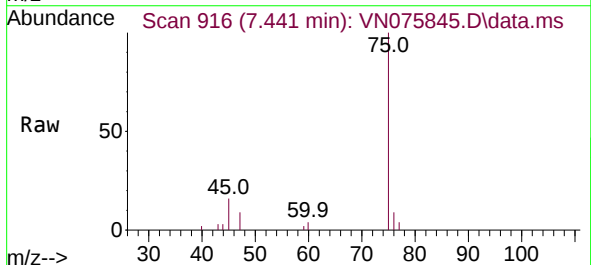
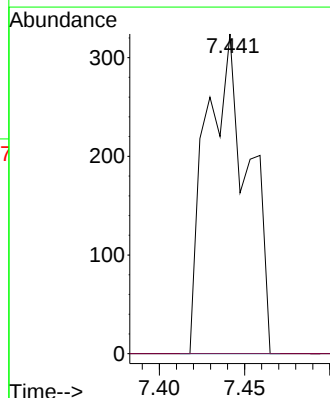
Acq: 16 Dec 2022 14:14

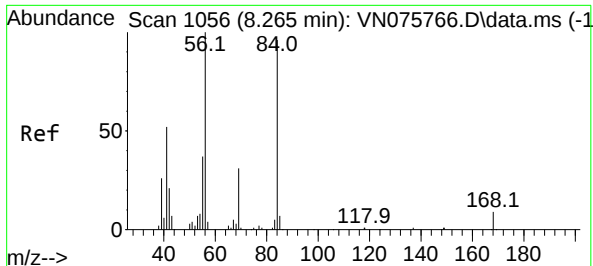
Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

72 0.0 28.0 42.0#





#31

Cyclohexane

Concen: 1.196 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN075845.D

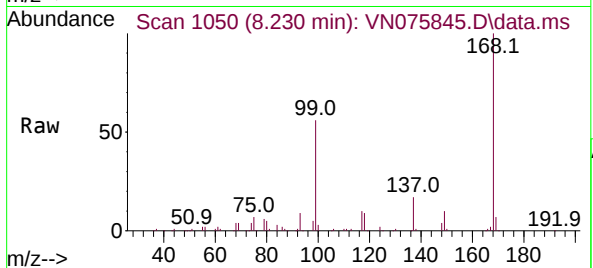
Acq: 16 Dec 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

20221269-FIELD-BLANK



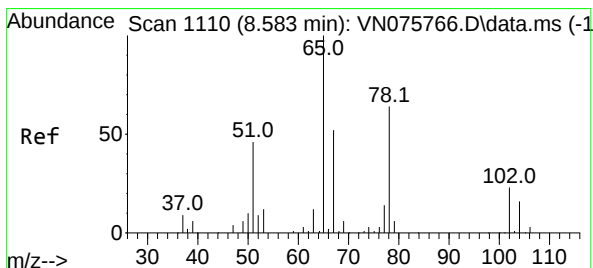
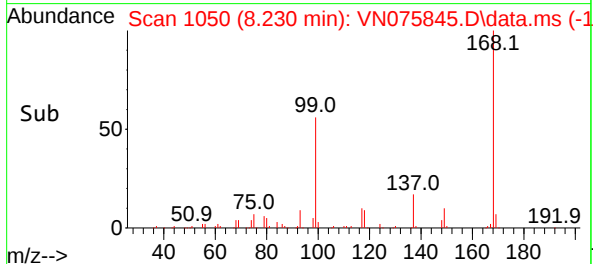
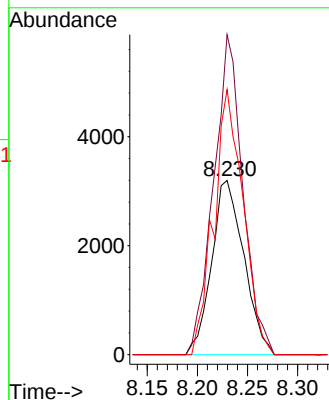
Tgt Ion: 56 Resp: 7151

Ion Ratio Lower Upper

56 100

69 183.7 24.7 37.1#

84 152.2 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 46.769 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075845.D

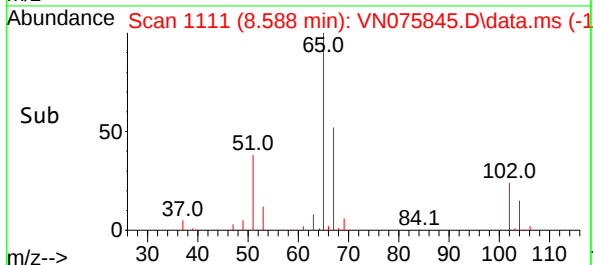
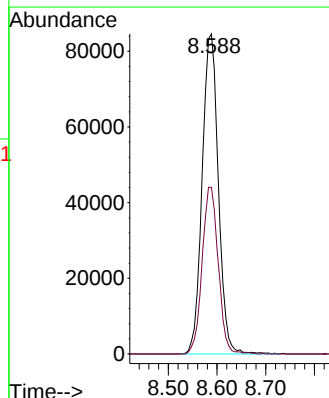
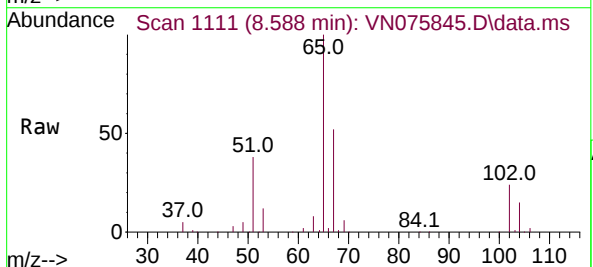
Acq: 16 Dec 2022 14:14

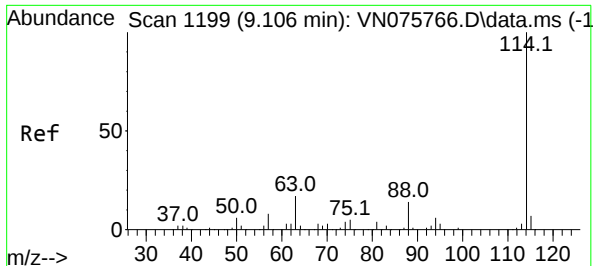
Tgt Ion: 65 Resp: 195237

Ion Ratio Lower Upper

65 100

67 51.8 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: VN075845.D

Acq: 16 Dec 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

20221269-FIELD-BLANK

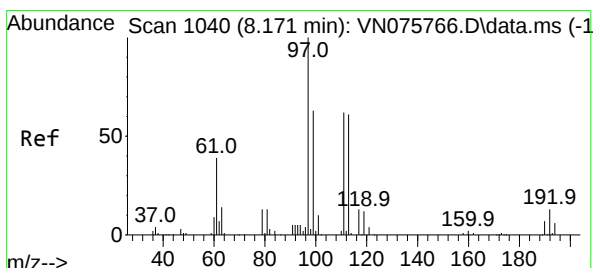
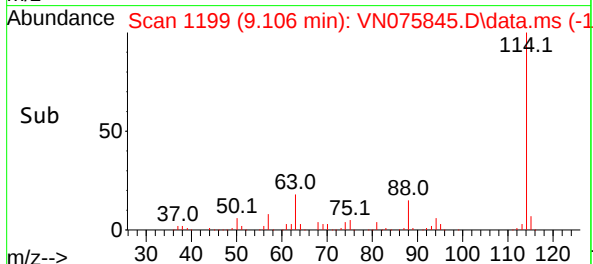
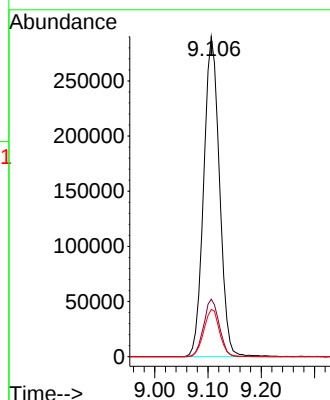
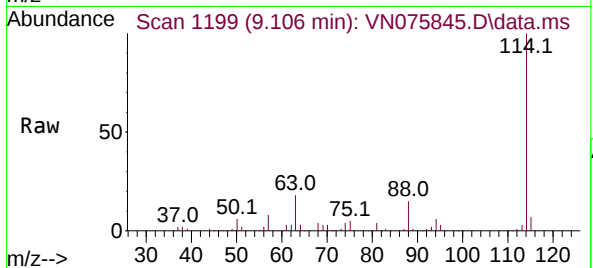
Tgt Ion:114 Resp: 596249

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.008 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075845.D

Acq: 16 Dec 2022 14:14

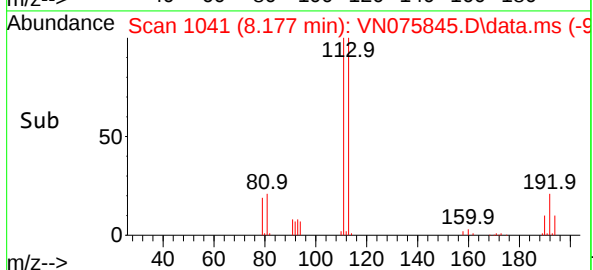
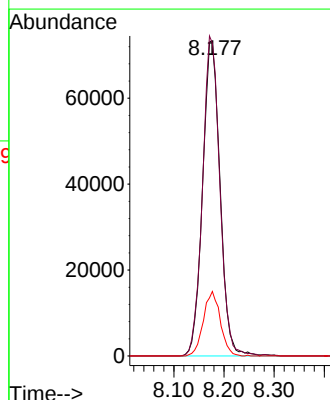
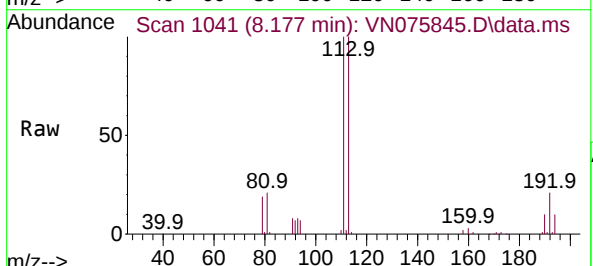
Tgt Ion:113 Resp: 177269

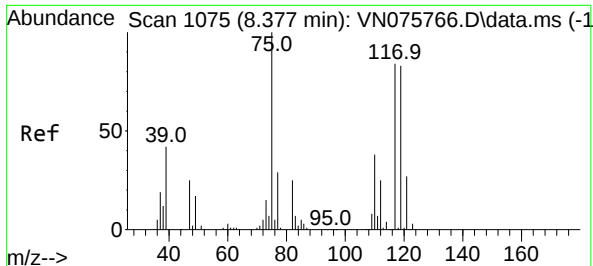
Ion Ratio Lower Upper

113 100

111 100.5 83.4 125.2

192 19.9 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.506 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN075845.D

Acq: 16 Dec 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

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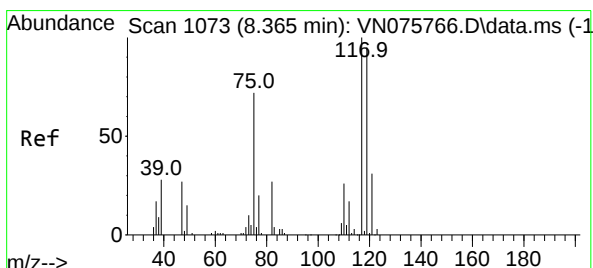
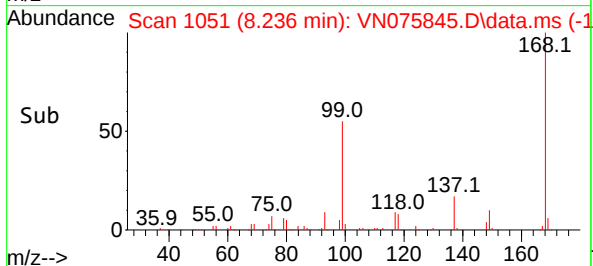
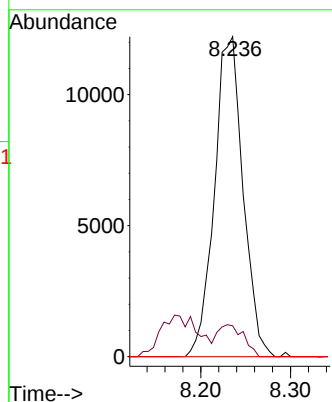
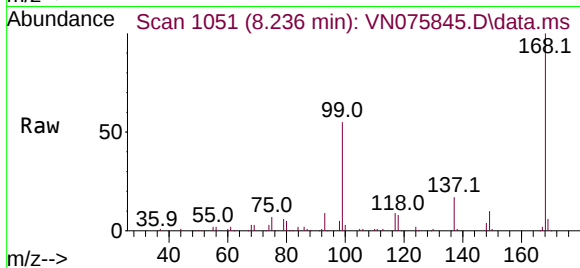
Tgt Ion: 75 Resp: 27009

Ion Ratio Lower Upper

75 100

110 9.1 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.865 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075845.D

Acq: 16 Dec 2022 14:14

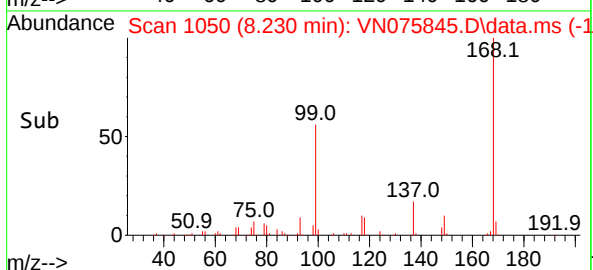
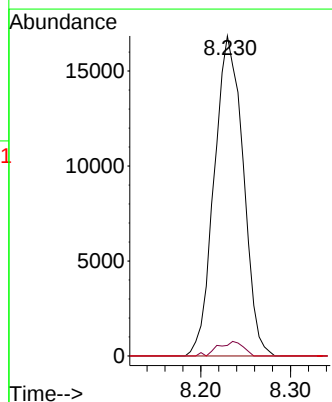
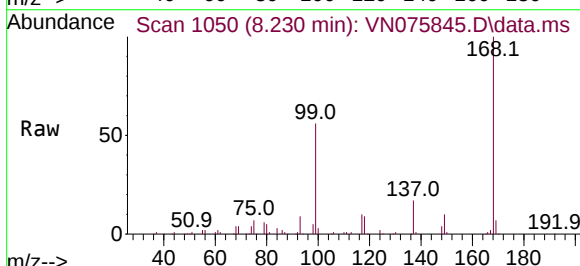
Tgt Ion: 117 Resp: 37690

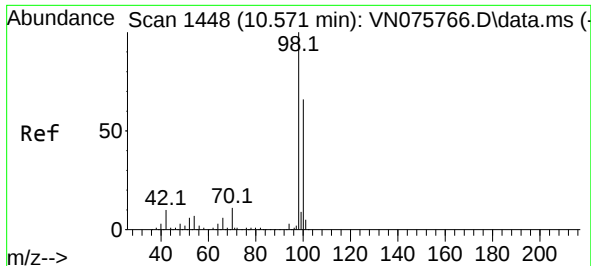
Ion Ratio Lower Upper

117 100

119 3.3 76.1 114.1#

121 0.0 24.5 36.7#

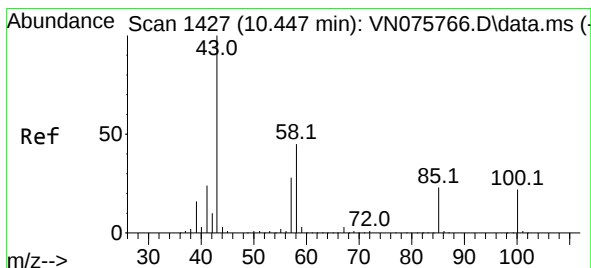
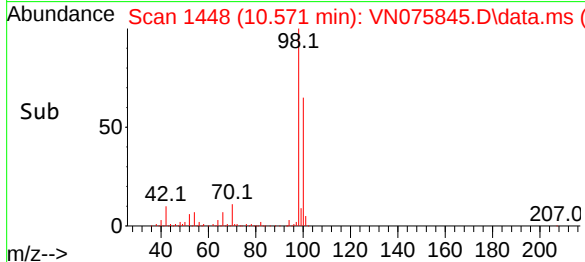
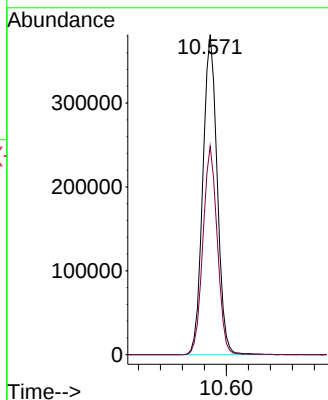
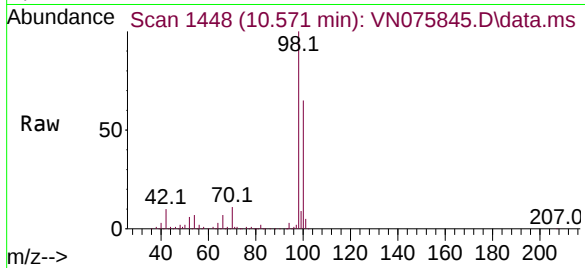




#50
Toluene-d8
Concen: 50.015 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

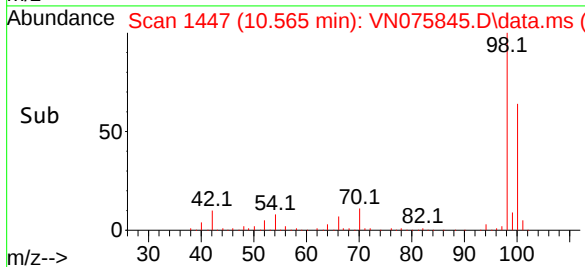
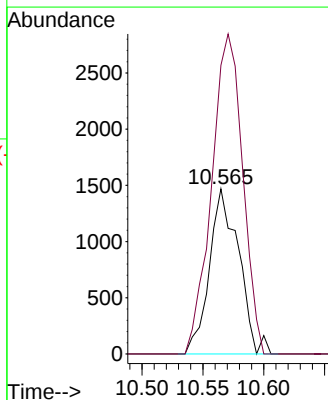
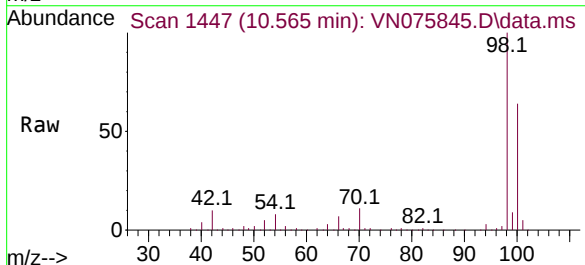
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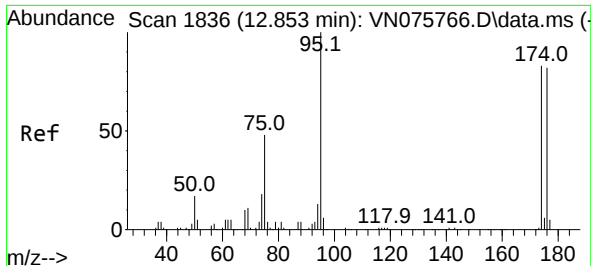
Tgt Ion: 98 Resp: 690500
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

Tgt Ion: 43 Resp: 2457
Ion Ratio Lower Upper
43 100
58 206.0 35.5 53.3#

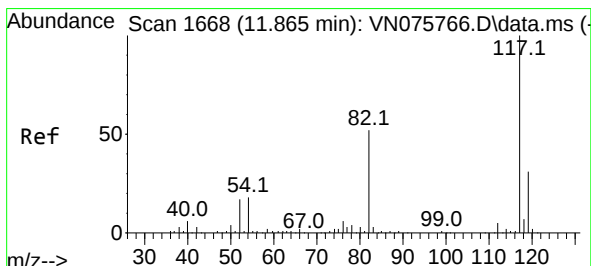
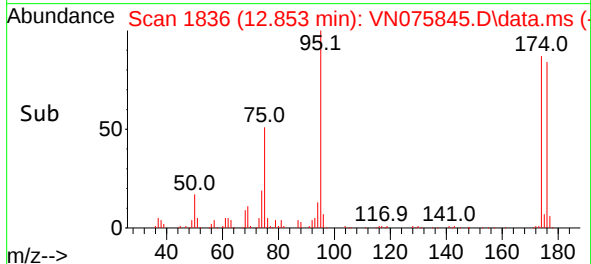
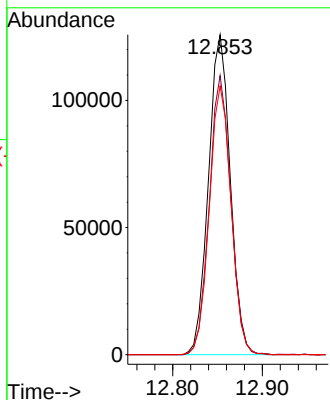
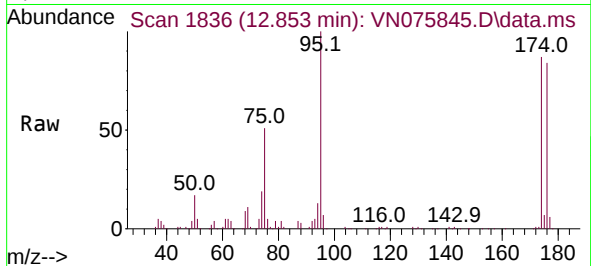




#62
4-Bromofluorobenzene
Concen: 46.549 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

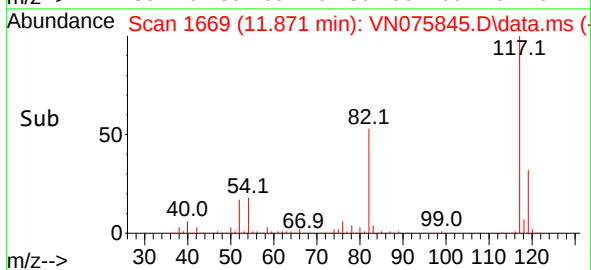
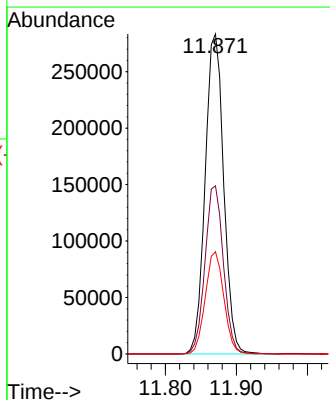
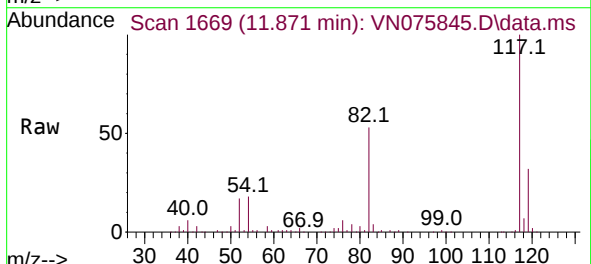
Instrument :
MSVOA_N
ClientSampleId :
20221269-FIELD-BLANK

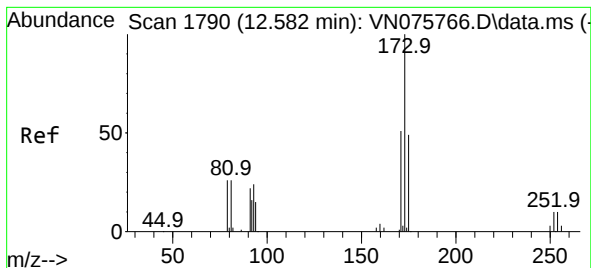
Tgt Ion: 95 Resp: 212853
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 83.6 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

Tgt Ion: 117 Resp: 513901
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 32.0 24.6 37.0





#71

Bromoform

Concen: 0.356 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN075845.D

Acq: 16 Dec 2022 14:14

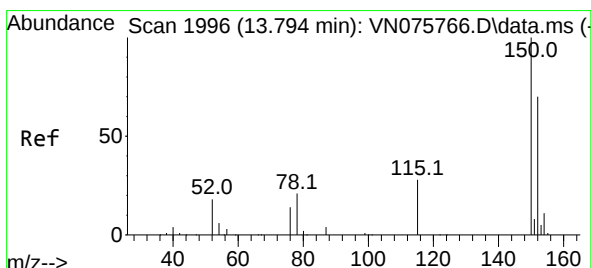
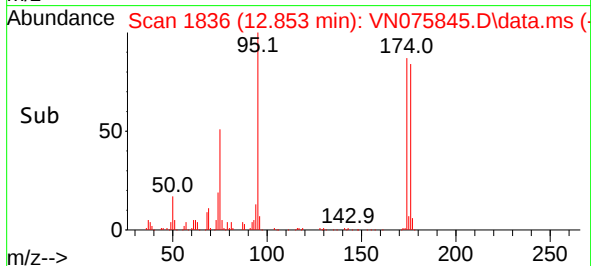
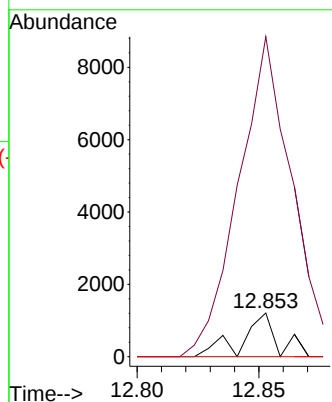
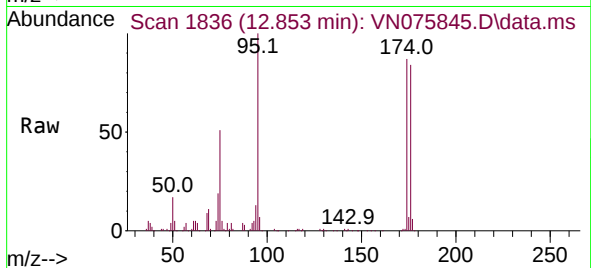
Instrument :

MSVOA_N

ClientSampleId :

20221269-FIELD-BLANK

Tgt Ion:173	Resp:	1012
Ion Ratio	Lower	Upper
173	100	
175	1046.8	24.3 72.8#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

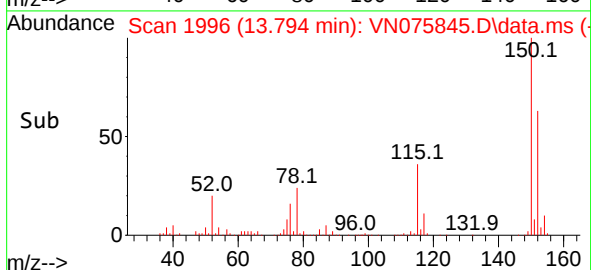
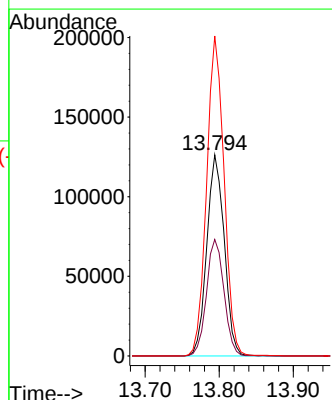
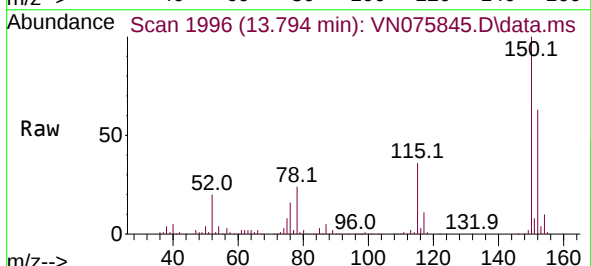
RT: 13.794 min Scan# 1996

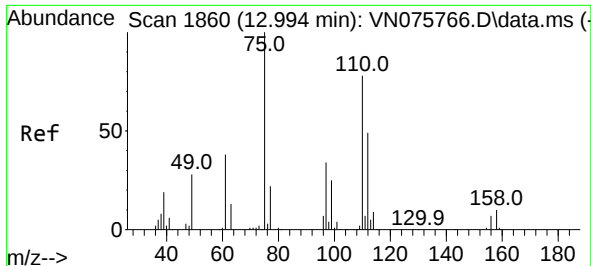
Delta R.T. 0.000 min

Lab File: VN075845.D

Acq: 16 Dec 2022 14:14

Tgt Ion:152	Resp:	207070
Ion Ratio	Lower	Upper
152	100	
115	57.9	29.1 87.4
150	158.9	0.0 347.0

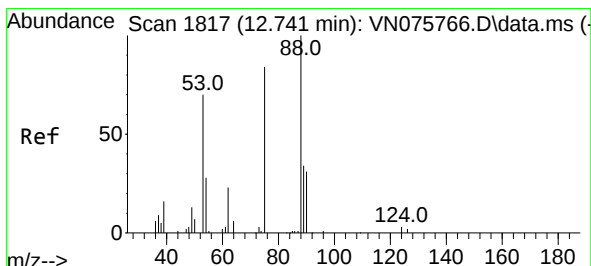
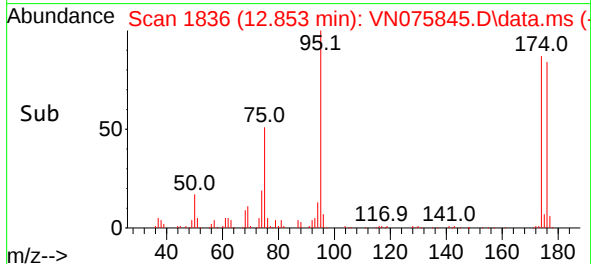
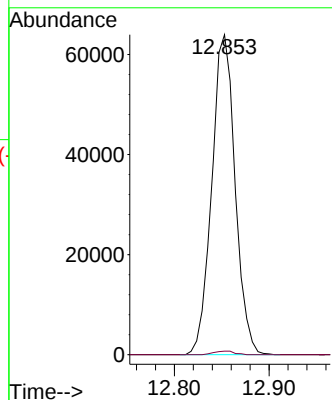
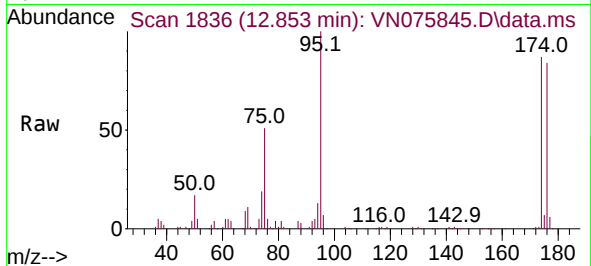




#76
1,2,3-Trichloropropane
Concen: 26.186 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

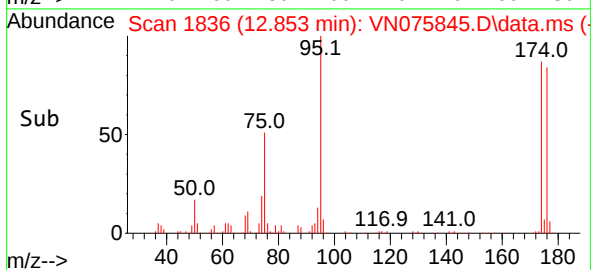
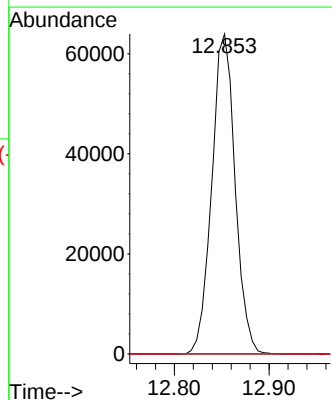
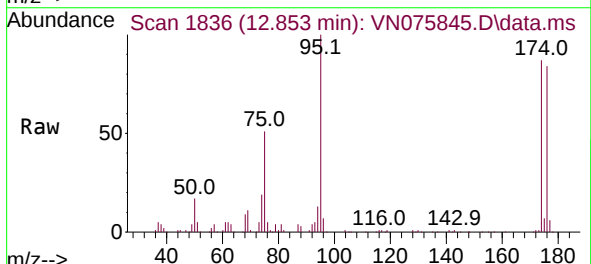
Instrument :
MSVOA_N
ClientSampleId :
20221269-FIELD-BLANK

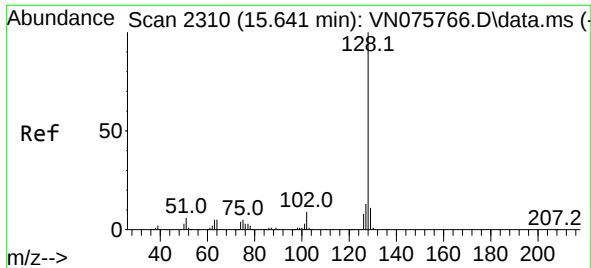
Tgt Ion: 75 Resp: 109303
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.258 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

Tgt Ion: 75 Resp: 109303
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.332 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075845.D

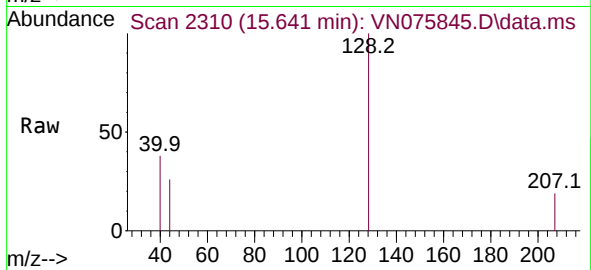
Acq: 16 Dec 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

20221269-FIELD-BLANK



Tgt Ion:	128	Resp:	1824
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	4.2	8.7	13.1#

