

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073666.D
 Acq On : 01 Aug 2022 17:46
 Operator : JC\MD
 Sample : N3965-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-072222

Quant Time: Aug 02 05:03:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

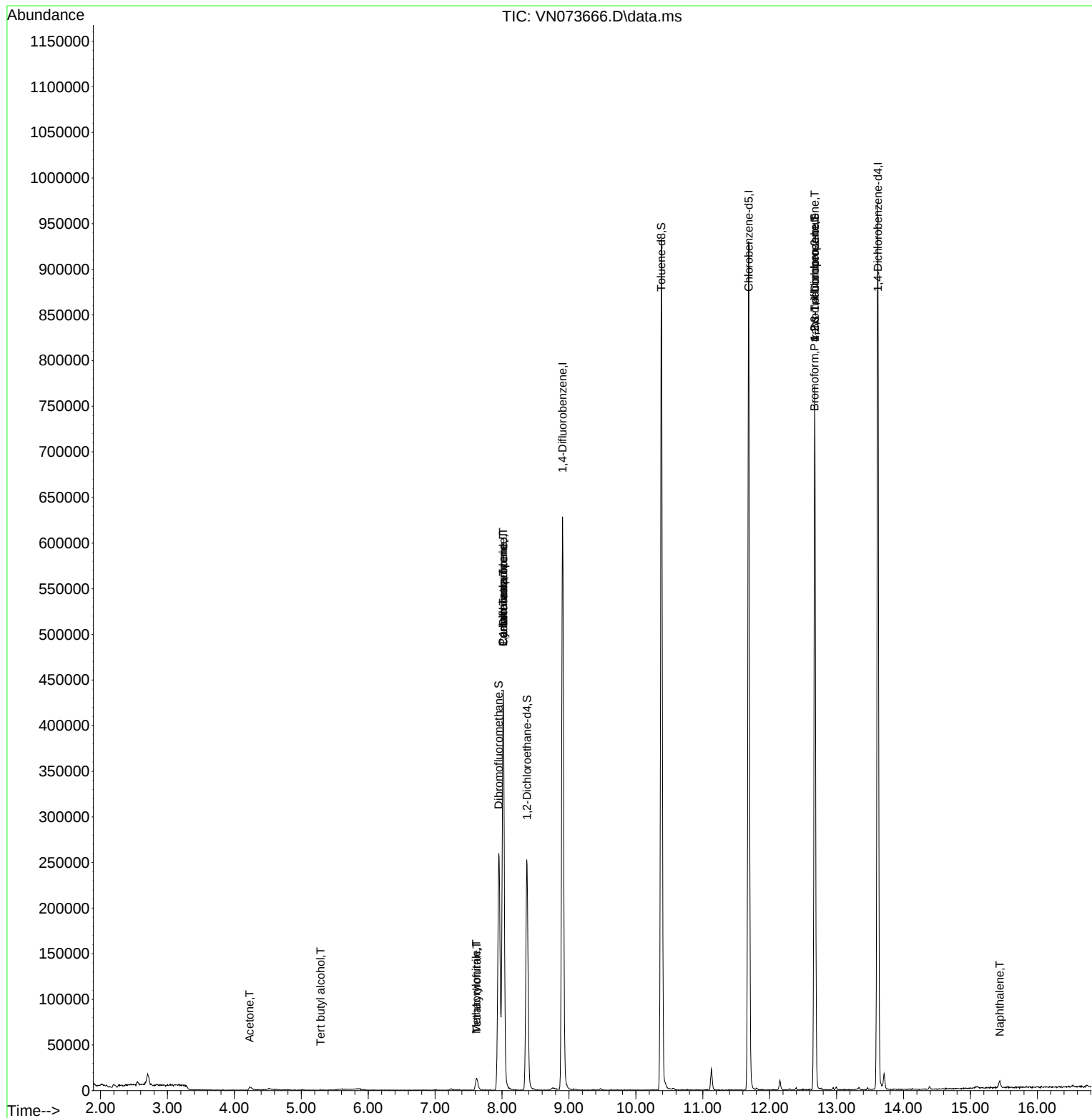
Internal Standards						
1) Pentafluorobenzene	8.016	168	353395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	567315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	547030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	268654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	208351	48.378	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.760%
35) Dibromofluoromethane	7.951	113	192316	53.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.980%
50) Toluene-d8	10.381	98	644937	46.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.675	95	242507	51.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	697	Below Cal		96
6) Chloroethane	2.952	64	421	Below Cal	#	2
11) Tert butyl alcohol	5.287	59	278	0.299	ug/l #	72
16) Acetone	4.228	43	7224	3.123	ug/l	95
20) Methylene Chloride	5.016	84	383	Below Cal	#	50
29) Tetrahydrofuran	7.622	42	9797	4.314	ug/l	99
31) Cyclohexane	8.016	56	7036	1.097	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	26723	5.263	ug/l #	48
38) Carbon Tetrachloride	8.016	117	33836	6.562	ug/l #	17
41) Methacrylonitrile	7.616	41	5958	1.969	ug/l #	40
71) Bromoform	12.669	173	1630	0.474	ug/l #	28
76) 1,2,3-Trichloropropane	12.675	75	125179	23.742	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.675	75	125179	60.384	ug/l #	10
95) Naphthalene	15.439	128	8429	0.552	ug/l #	97

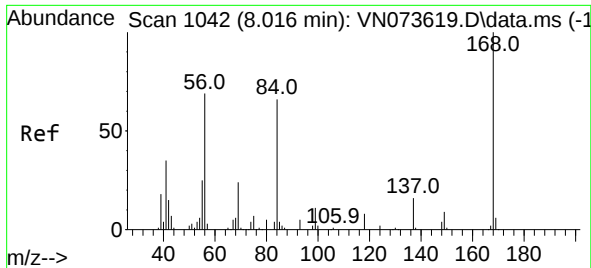
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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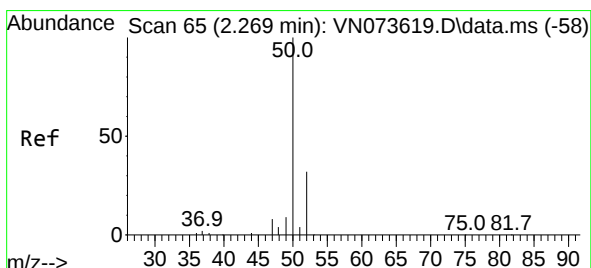
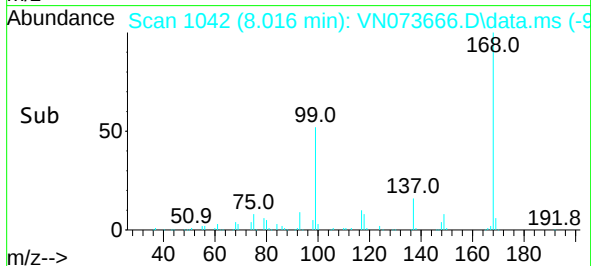
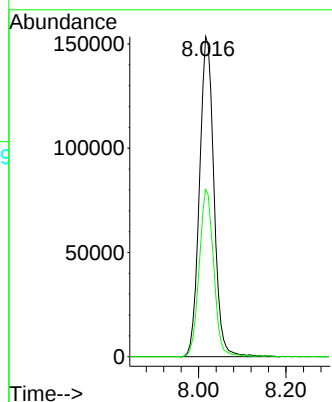
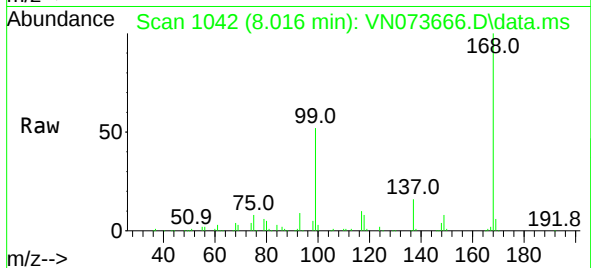




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

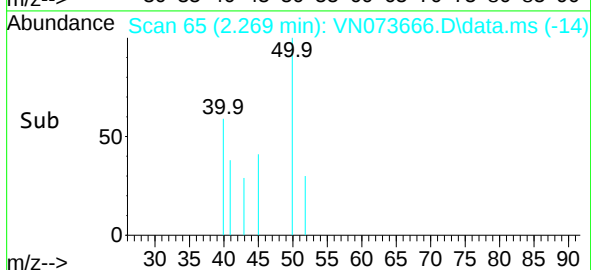
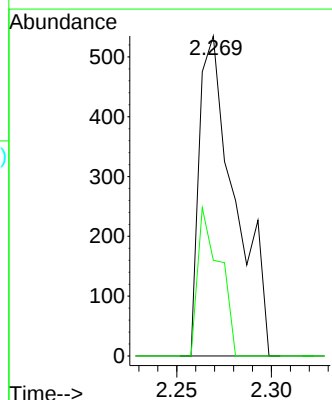
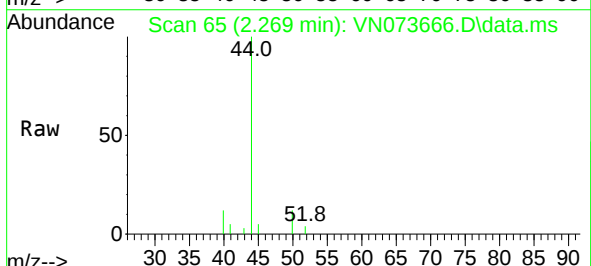
Instrument :
MSVOA_N
ClientSampleId :
EB-072222

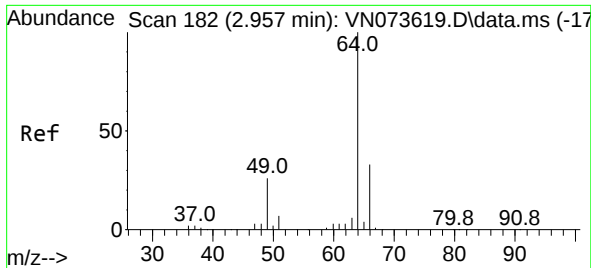
Tgt Ion:168 Resp: 353395
Ion Ratio Lower Upper
168 100
99 52.3 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Tgt Ion: 50 Resp: 697
Ion Ratio Lower Upper
50 100
52 29.9 25.7 38.5

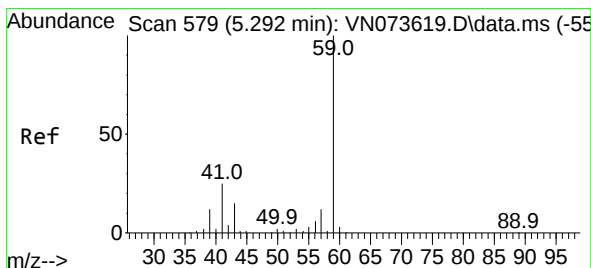
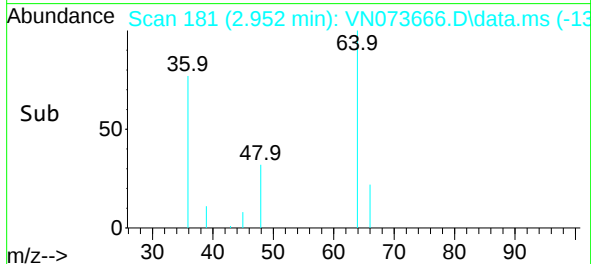
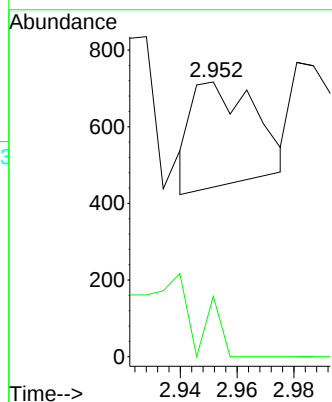
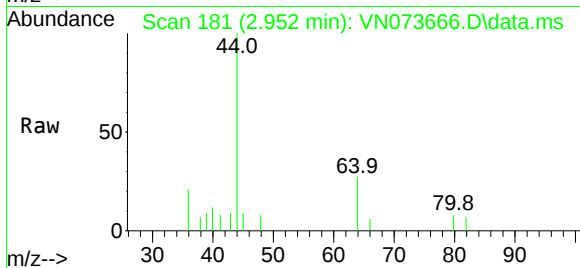




#6
Chloroethane
Concen: Below Cal
RT: 2.952 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

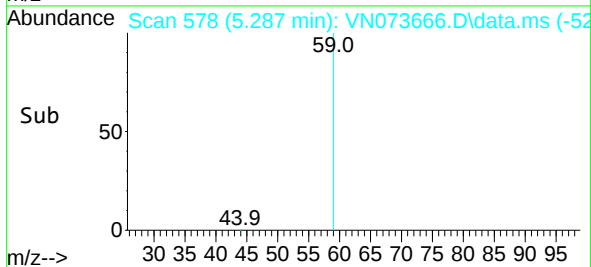
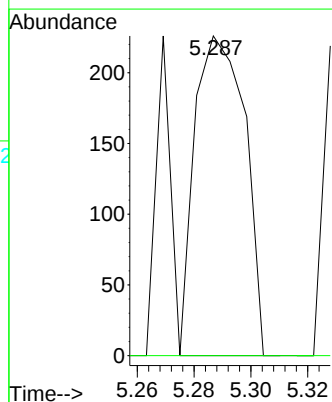
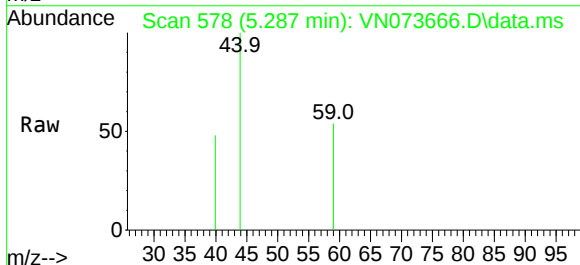
Instrument :
MSVOA_N
ClientSampleId :
EB-072222

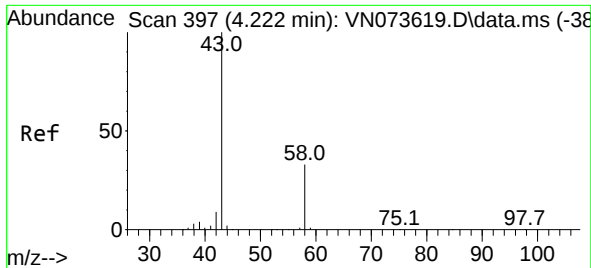
Tgt Ion: 64 Resp: 421
Ion Ratio Lower Upper
64 100
66 88.3 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.299 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 3.123 ug/l

RT: 4.228 min Scan# 397

Delta R.T. 0.006 min

Lab File: VN073666.D

Acq: 01 Aug 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

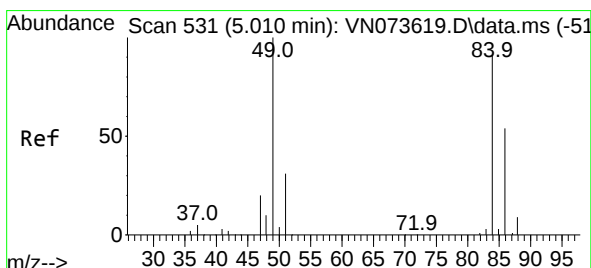
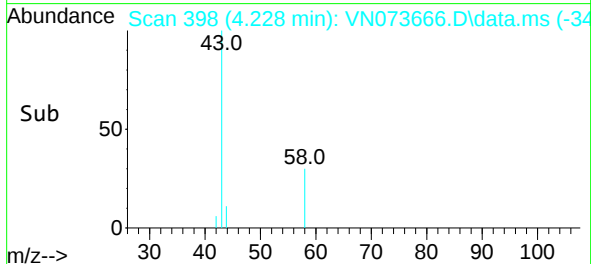
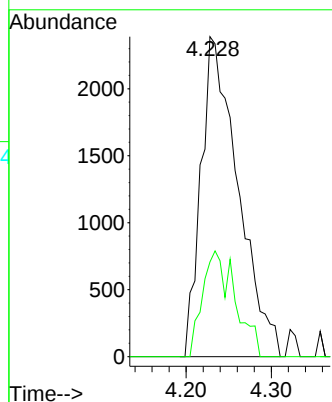
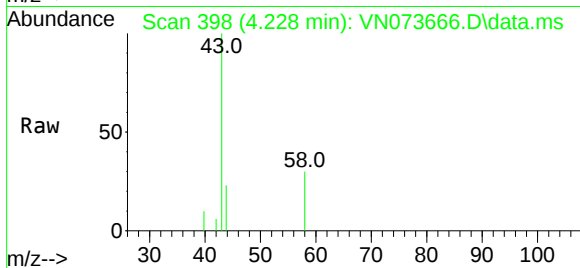
EB-072222

Tgt Ion: 43 Resp: 7224

Ion Ratio Lower Upper

43 100

58 29.6 26.0 39.0



#20

Methylene Chloride

Concen: Below Cal

RT: 5.016 min Scan# 532

Delta R.T. 0.006 min

Lab File: VN073666.D

Acq: 01 Aug 2022 17:46

Tgt Ion: 84 Resp: 383

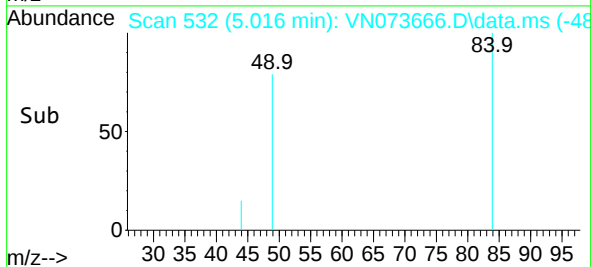
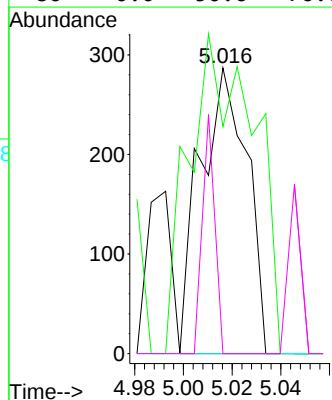
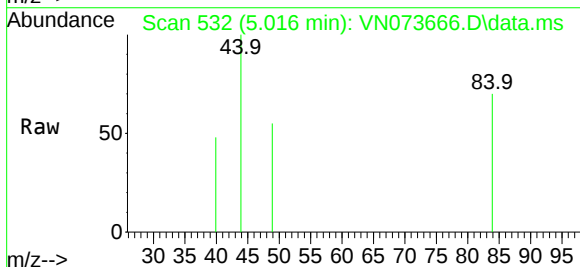
Ion Ratio Lower Upper

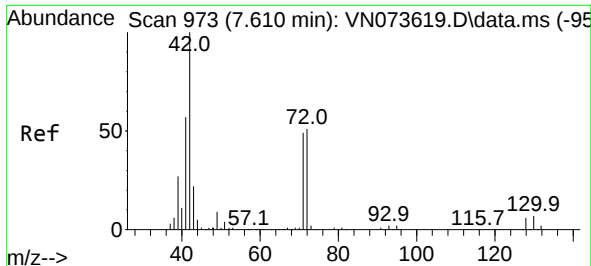
84 100

49 79.4 88.3 132.5#

51 0.0 28.2 42.2#

86 0.0 50.6 76.0#





#29

Tetrahydrofuran

Concen: 4.314 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073666.D

Acq: 01 Aug 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

EB-072222

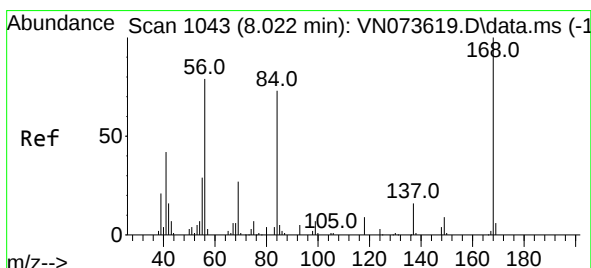
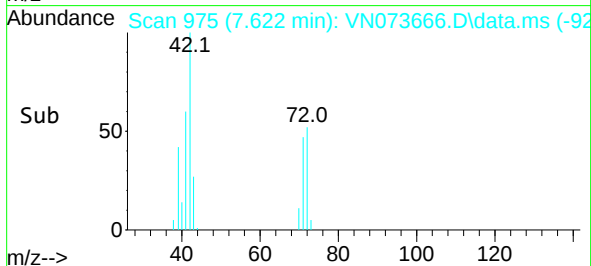
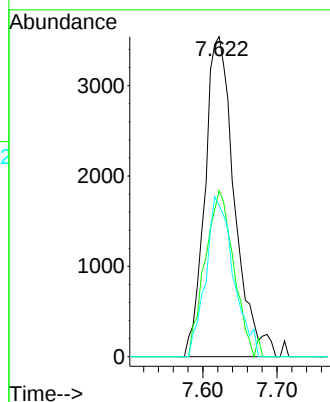
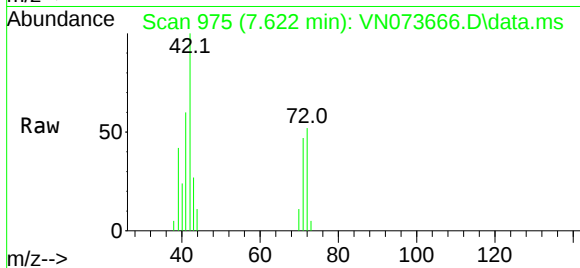
Tgt Ion: 42 Resp: 9797

Ion Ratio Lower Upper

42 100

72 49.8 39.7 59.5

71 47.1 36.6 55.0



#31

Cyclohexane

Concen: 1.097 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073666.D

Acq: 01 Aug 2022 17:46

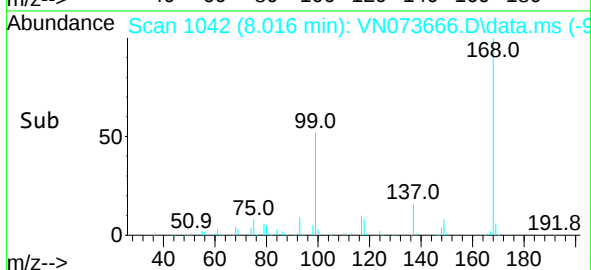
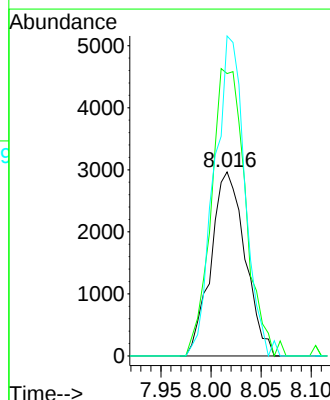
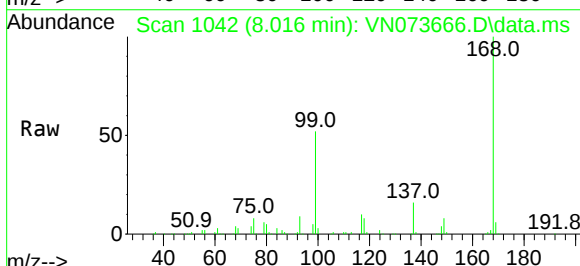
Tgt Ion: 56 Resp: 7036

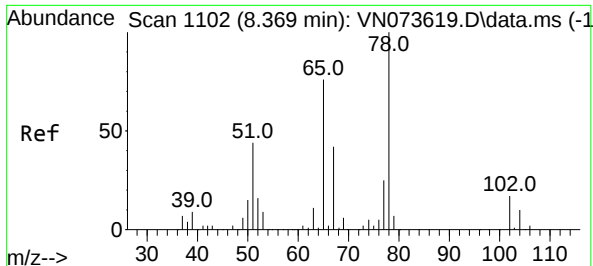
Ion Ratio Lower Upper

56 100

69 153.4 27.8 41.8#

84 173.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 48.378 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073666.D

Acq: 01 Aug 2022 17:46

Instrument :

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ClientSampleId :

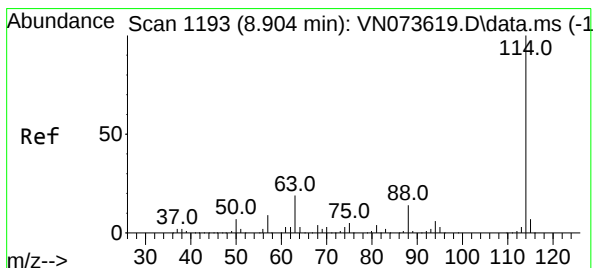
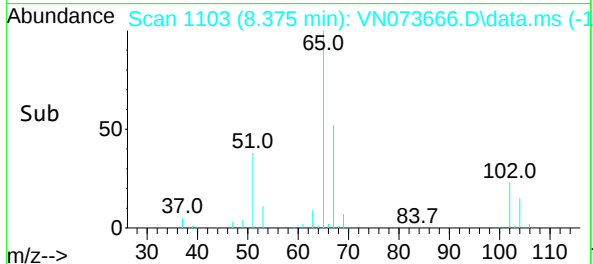
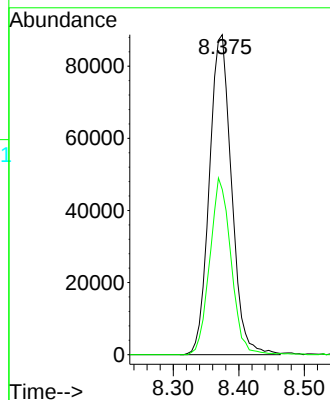
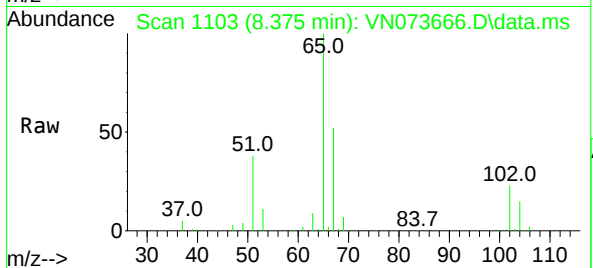
EB-072222

Tgt Ion: 65 Resp: 208351

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073666.D

Acq: 01 Aug 2022 17:46

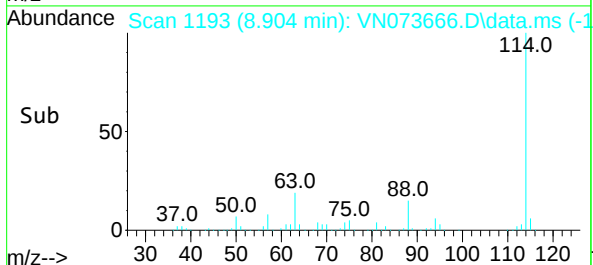
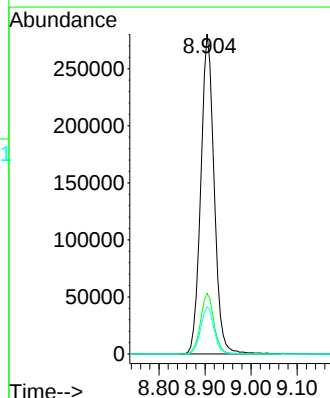
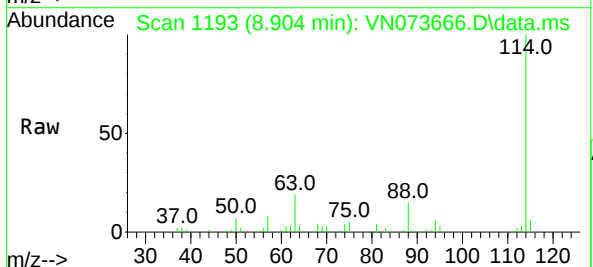
Tgt Ion: 114 Resp: 567315

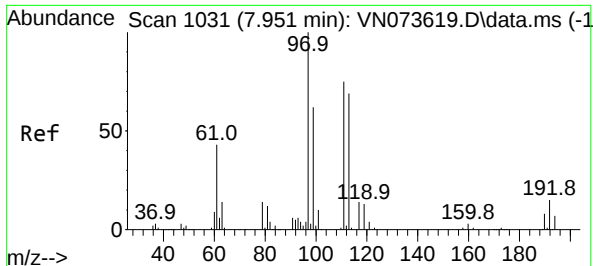
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.985 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073666.D

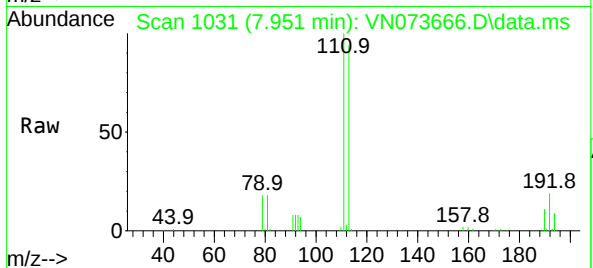
Acq: 01 Aug 2022 17:46

Instrument :

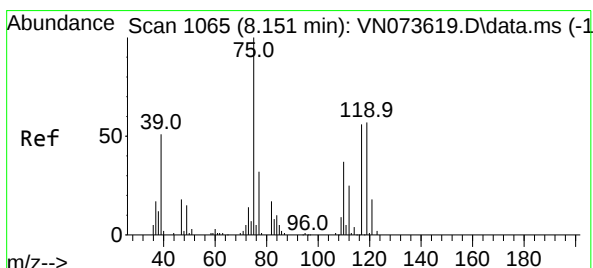
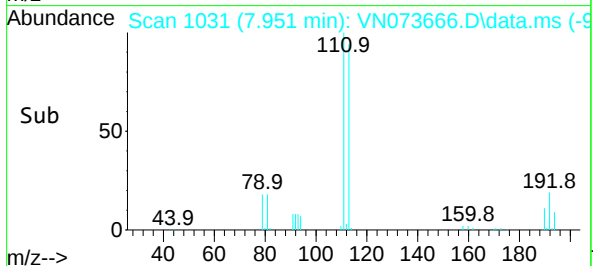
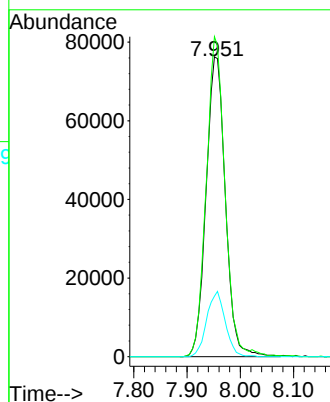
MSVOA_N

ClientSampleId :

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Tgt Ion:	113	Resp:	192316
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	20.9	17.0	25.6



#36

1,1-Dichloropropene

Concen: 5.263 ug/l

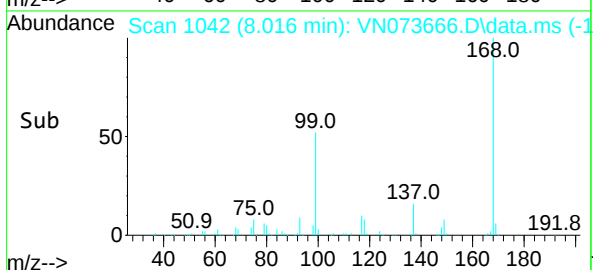
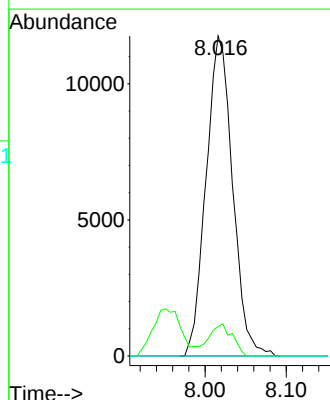
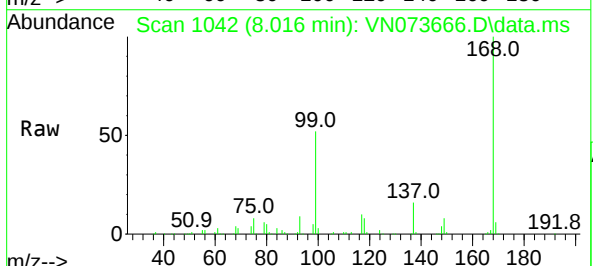
RT: 8.016 min Scan# 1042

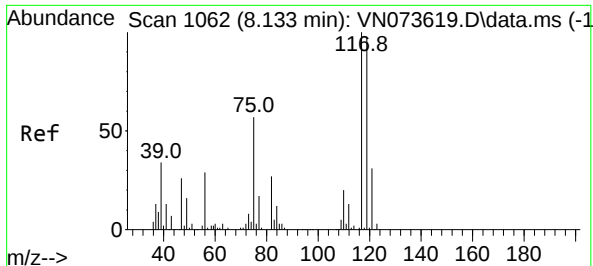
Delta R.T. -0.135 min

Lab File: VN073666.D

Acq: 01 Aug 2022 17:46

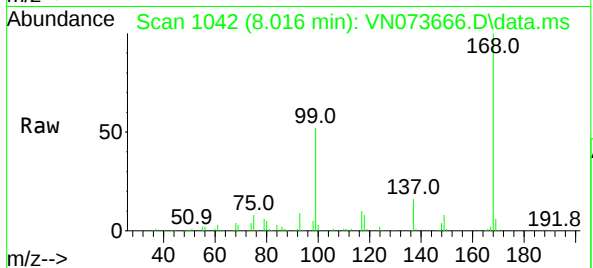
Tgt Ion:	75	Resp:	26723
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.3	54.8#
77	0.0	25.1	37.7#



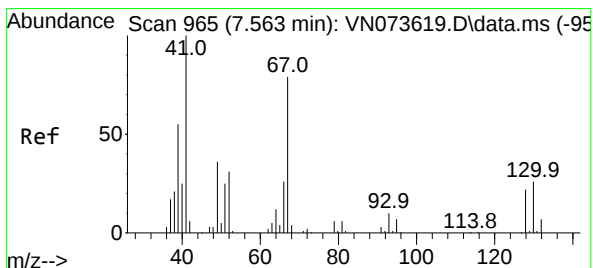
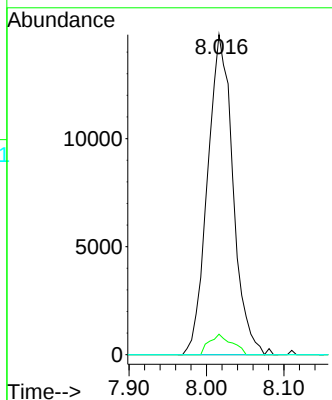
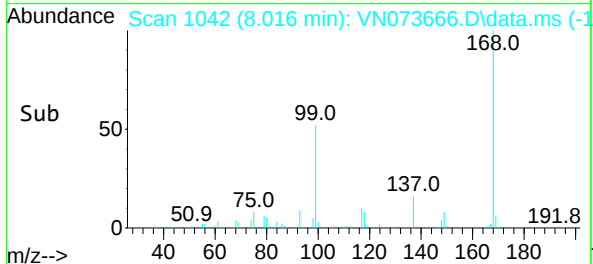


#38
Carbon Tetrachloride
Concen: 6.562 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
EB-072222

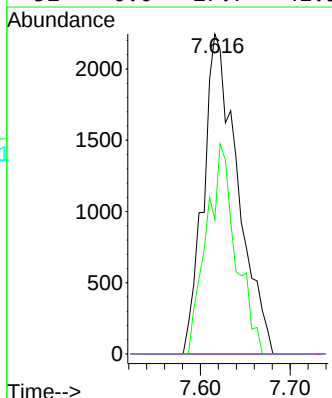
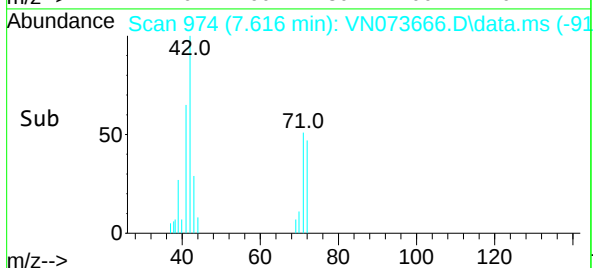
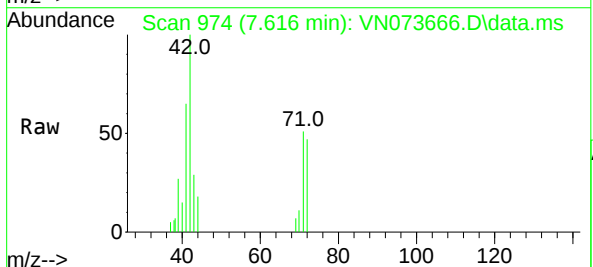


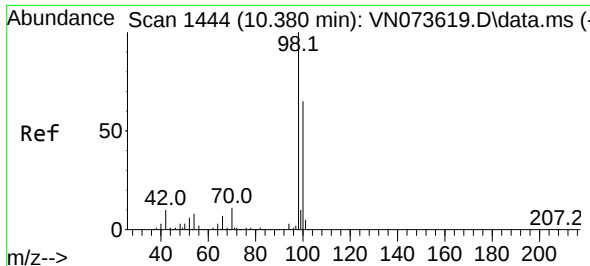
Tgt Ion:117 Resp: 33836
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 1.969 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.053 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Tgt Ion: 41 Resp: 5958
Ion Ratio Lower Upper
41 100
39 56.0 48.6 73.0
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

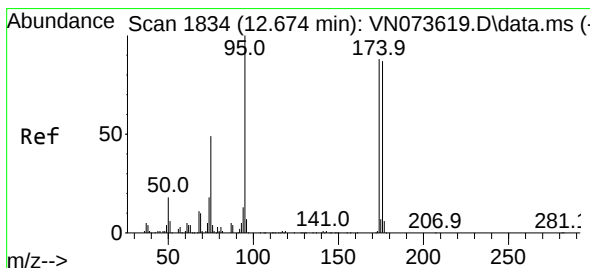
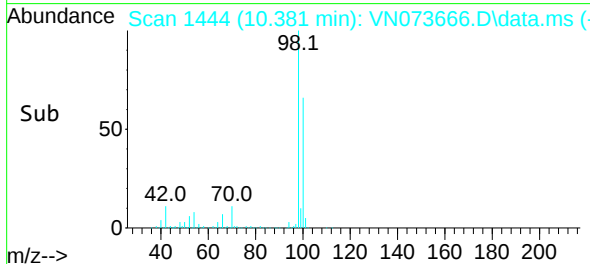
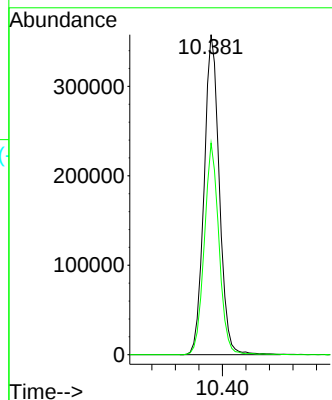
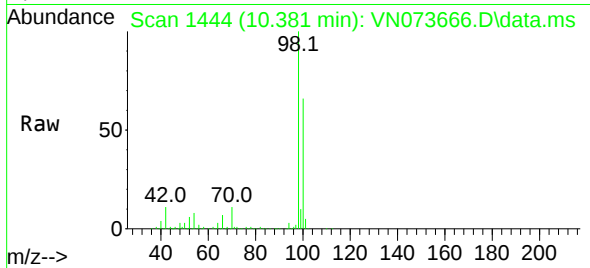




#50
Toluene-d8
Concen: 46.006 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

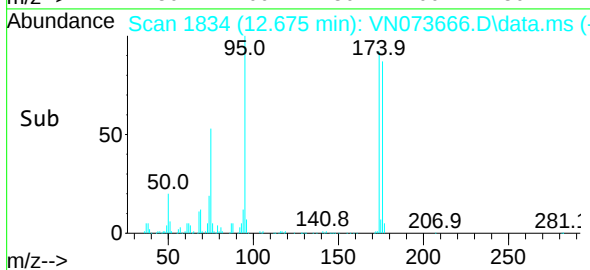
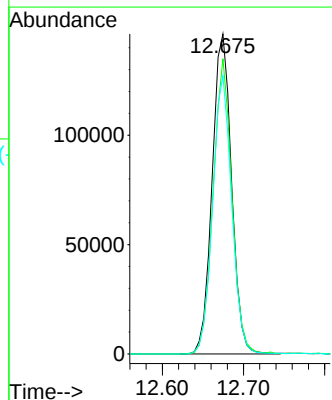
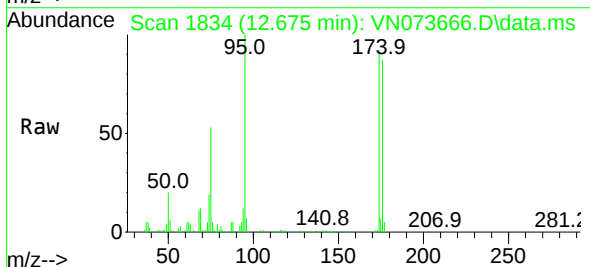
Instrument :
MSVOA_N
ClientSampleId :
EB-072222

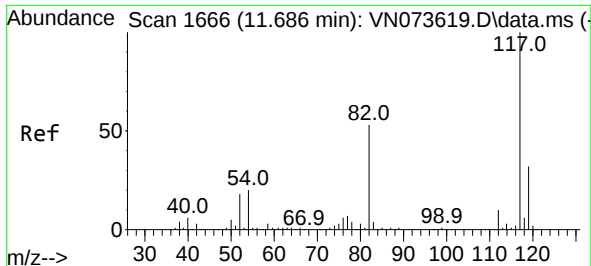
Tgt Ion: 98 Resp: 644937
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.483 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Tgt Ion: 95 Resp: 242507
Ion Ratio Lower Upper
95 100
174 89.4 0.0 167.6
176 85.4 0.0 163.4

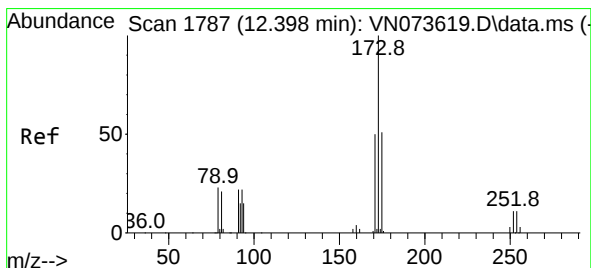
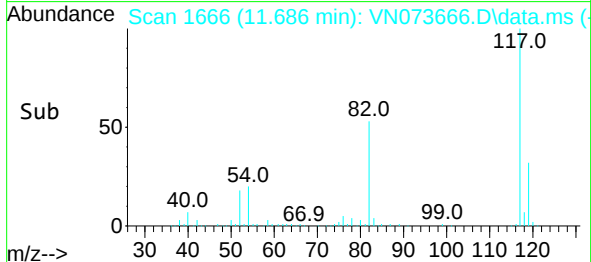
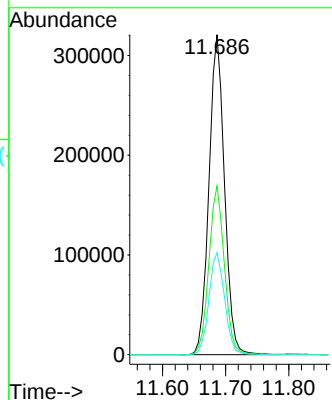
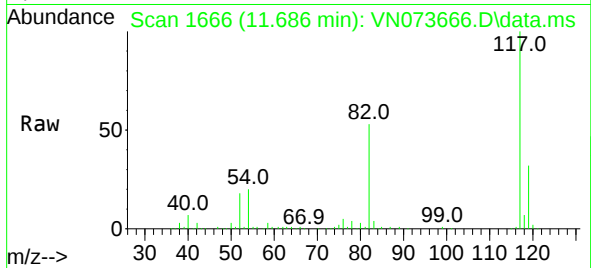




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

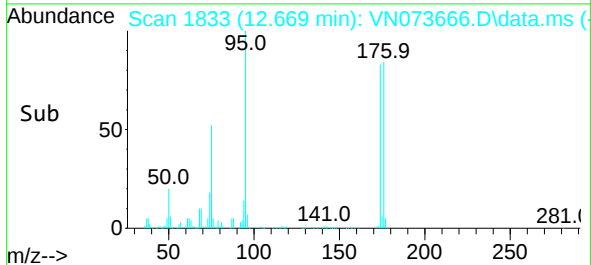
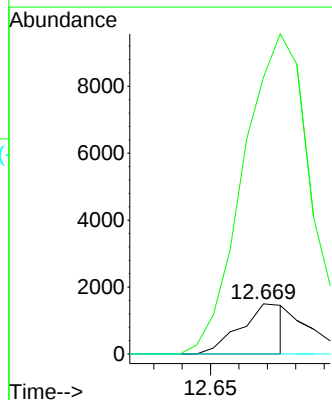
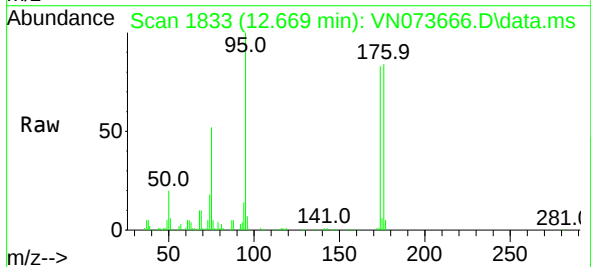
Instrument :
MSVOA_N
ClientSampleId :
EB-072222

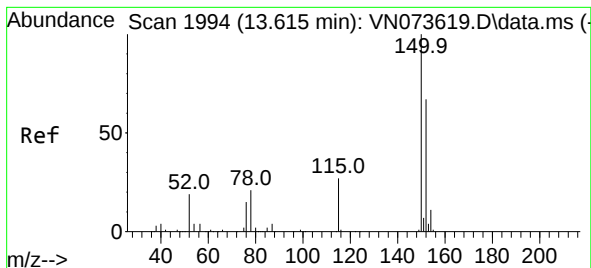
Tgt Ion:117 Resp: 547030
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 31.8 25.4 38.0



#71
Bromoform
Concen: 0.474 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Tgt Ion:173 Resp: 1630
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

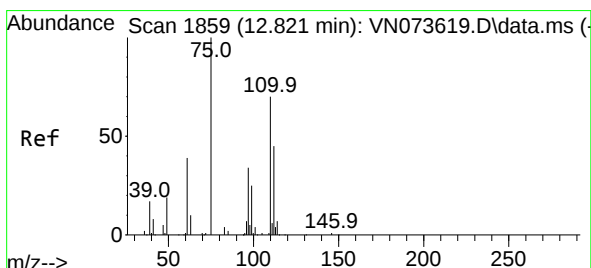
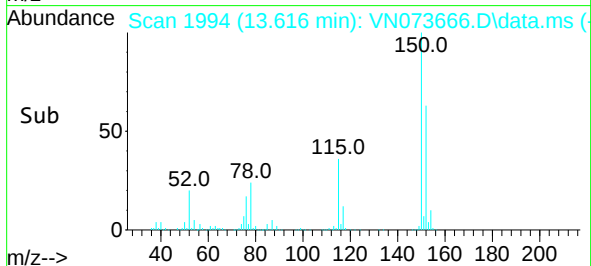
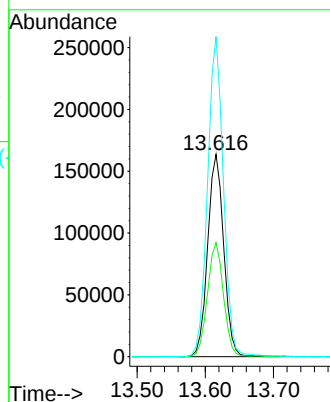
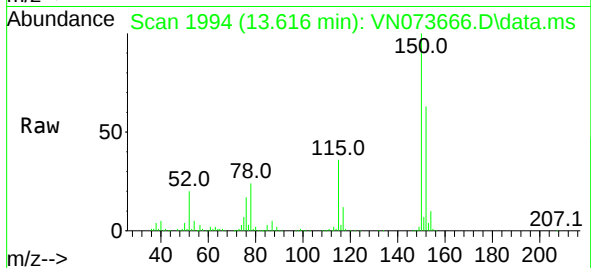




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073666.D
 Acq: 01 Aug 2022 17:46

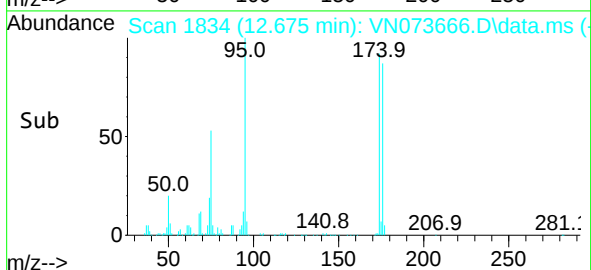
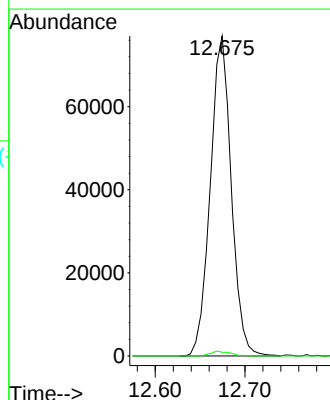
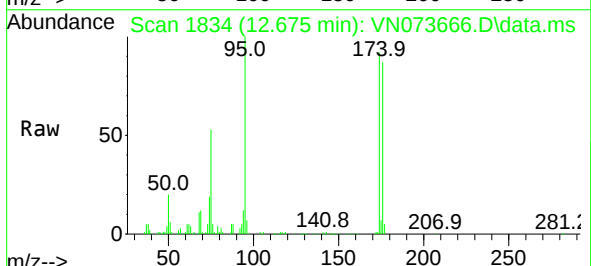
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-072222

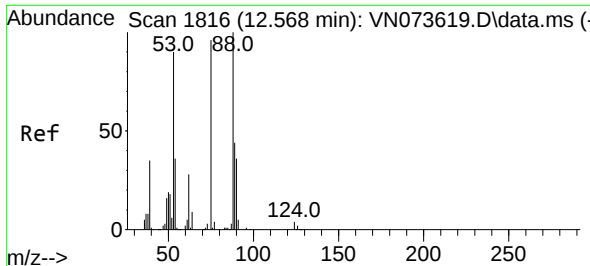
Tgt Ion:152 Resp: 268654
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.9 86.7
 150 156.0 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.742 ug/l
 RT: 12.675 min Scan# 1834
 Delta R.T. -0.146 min
 Lab File: VN073666.D
 Acq: 01 Aug 2022 17:46

Tgt Ion: 75 Resp: 125179
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#

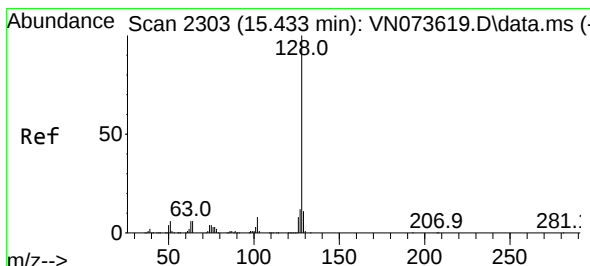
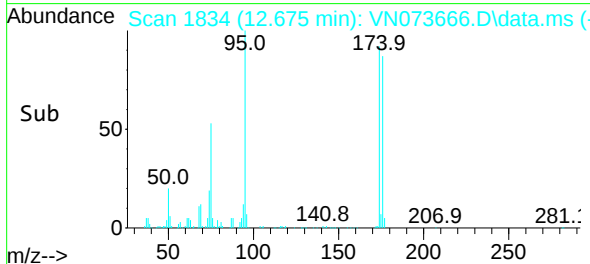
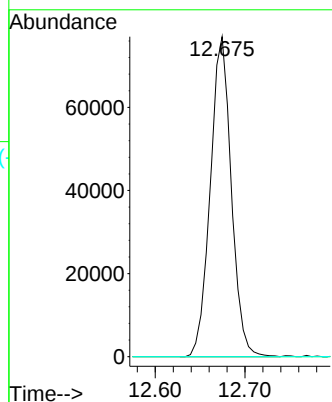
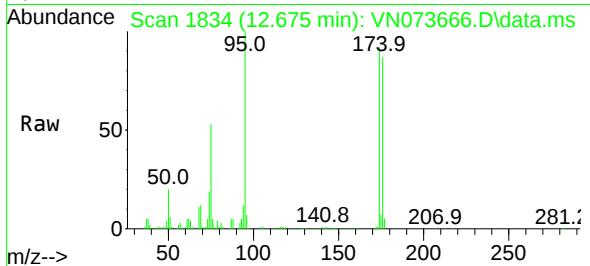




#81
trans-1,4-Dichloro-2-butene
Concen: 60.384 ug/l
RT: 12.675 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
EB-072222

Tgt Ion: 75 Resp: 125179
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.552 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073666.D
Acq: 01 Aug 2022 17:46

Tgt Ion:128 Resp: 8429
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 8.4 8.6 13.0#

