

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074097.D
 Acq On : 24 Aug 2022 17:29
 Operator : JC\MD
 Sample : N4222-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 07:55:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

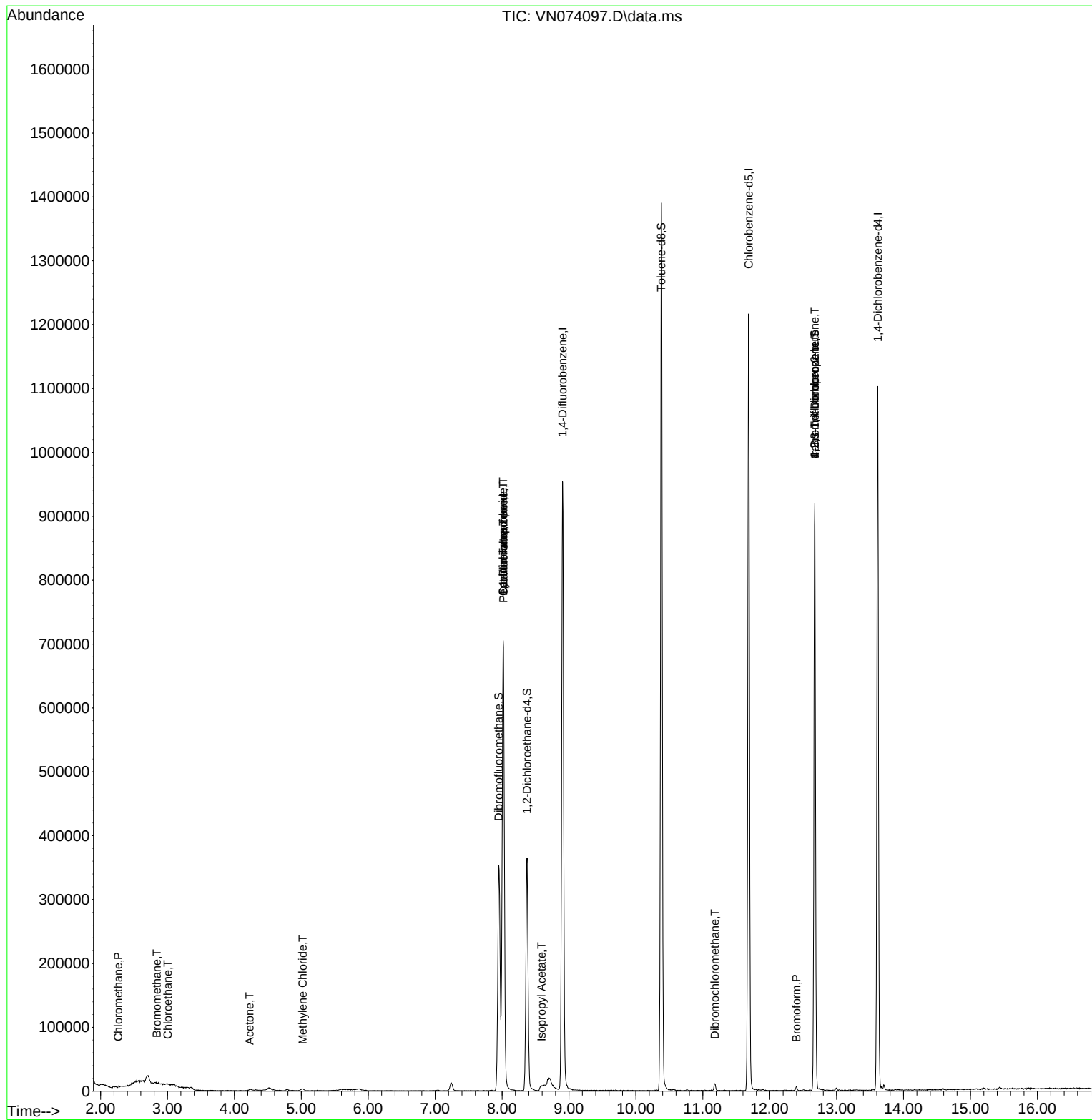
Internal Standards						
1) Pentafluorobenzene	8.022	168	594159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	894535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	748720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	323131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	300062	51.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.700%	
35) Dibromofluoromethane	7.951	113	267933	50.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	10.380	98	990180	48.329	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.660%	
62) 4-Bromofluorobenzene	12.674	95	309874	45.571	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1319	0.252	ug/l	93
5) Bromomethane	2.840	94	1563	0.372	ug/l #	54
6) Chloroethane	3.004	64	1225	0.258	ug/l #	42
16) Acetone	4.228	43	3988	1.461	ug/l #	81
18) Methyl Acetate	4.792	43	3820	Below Cal	#	60
20) Methylene Chloride	5.022	84	2696	0.468	ug/l	96
31) Cyclohexane	8.016	56	10395	1.289	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	39214	5.337	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53233	6.338	ug/l #	17
43) Isopropyl Acetate	8.592	43	7027	0.554	ug/l #	53
60) Dibromochloromethane	11.180	129	6477	0.947	ug/l	99
71) Bromoform	12.398	173	2996	0.557	ug/l #	98
76) 1,2,3-Trichloropropane	12.674	75	150940	22.474	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	150940	63.920	ug/l #	11

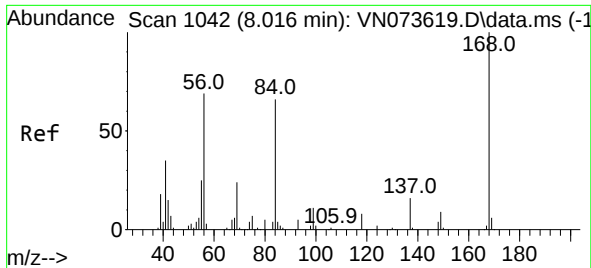
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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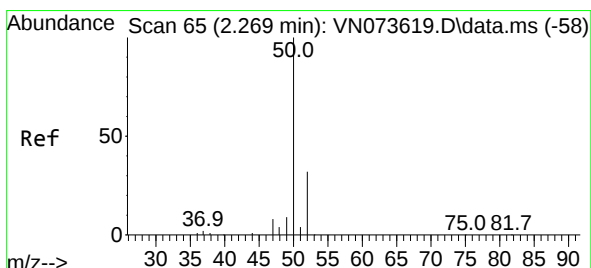
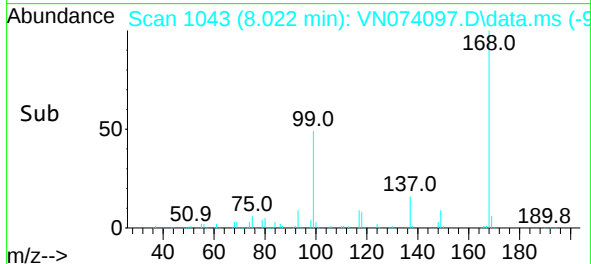
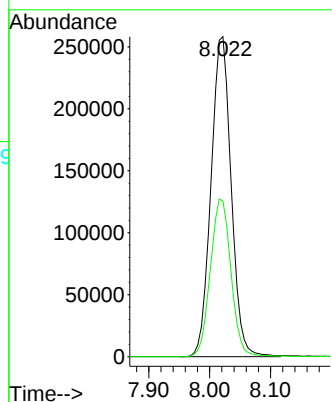
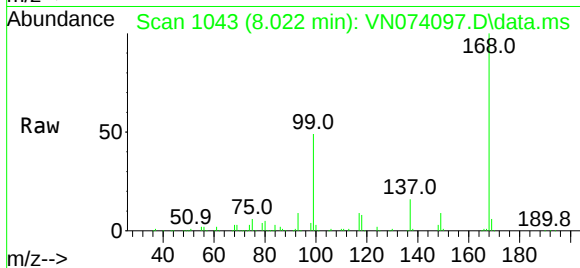




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

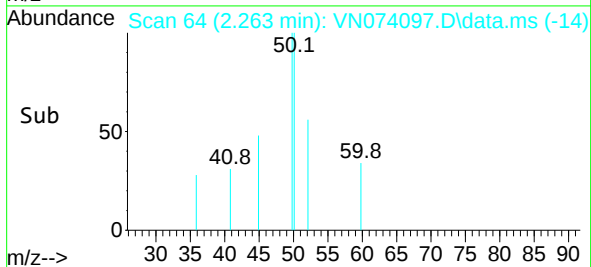
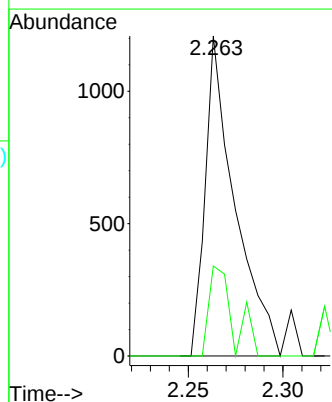
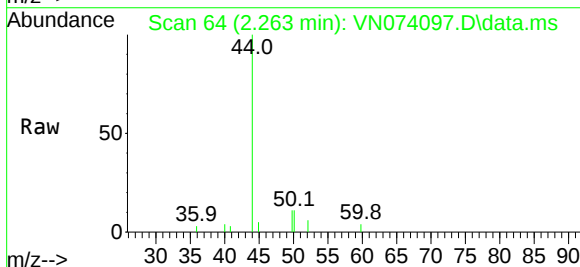
Instrument :
MSVOA_N
ClientSampleId :

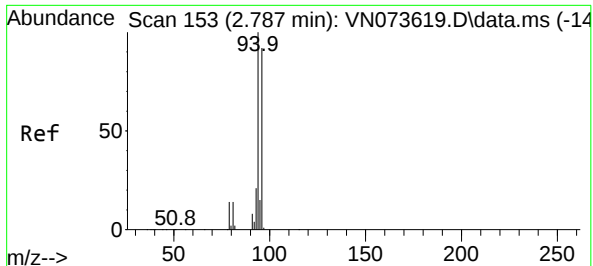
Tgt Ion:168 Resp: 594159
Ion Ratio Lower Upper
168 100
99 48.6 42.3 63.5



#3
Chloromethane
Concen: 0.252 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Tgt Ion: 50 Resp: 1319
Ion Ratio Lower Upper
50 100
52 28.1 25.7 38.5

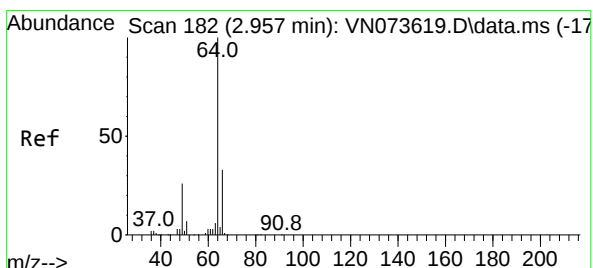
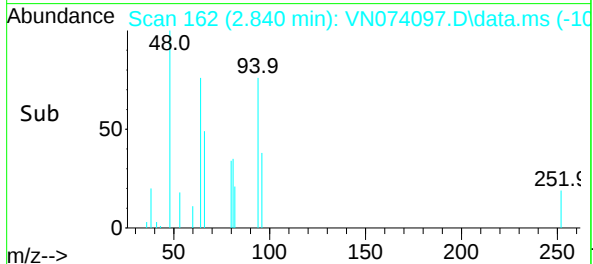
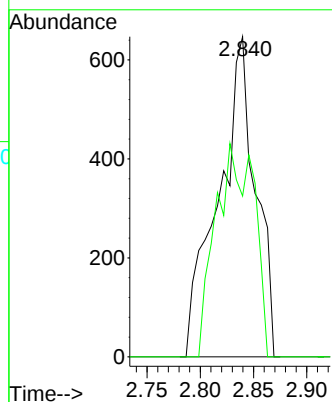
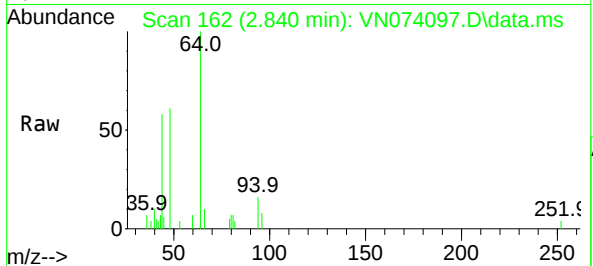




#5
Bromomethane
Concen: 0.372 ug/l
RT: 2.840 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

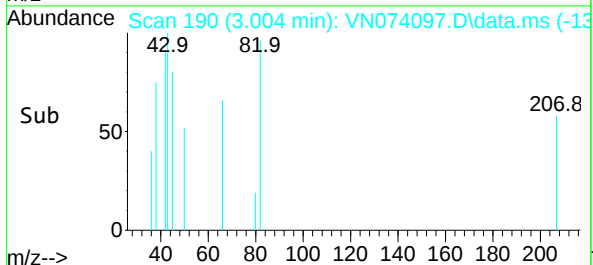
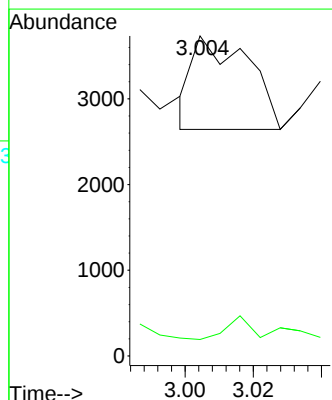
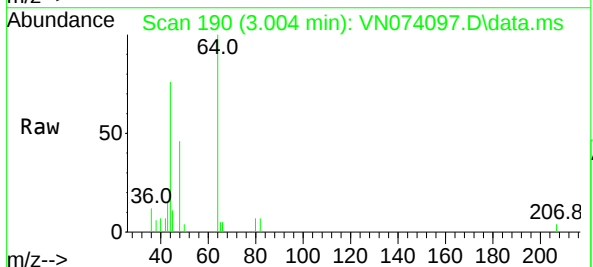
Instrument :
MSVOA_N
ClientSampleId :

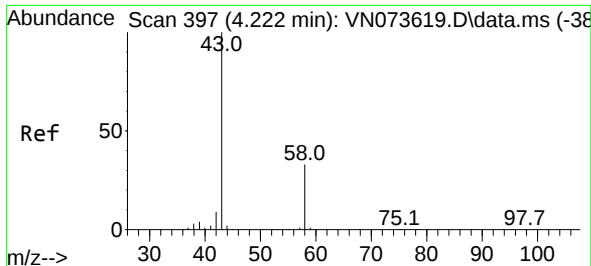
Tgt Ion: 94 Resp: 1563
Ion Ratio Lower Upper
94 100
96 50.2 76.0 114.0#



#6
Chloroethane
Concen: 0.258 ug/l
RT: 3.004 min Scan# 190
Delta R.T. 0.047 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Tgt Ion: 64 Resp: 1225
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

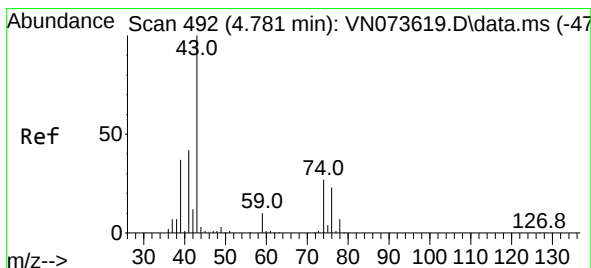
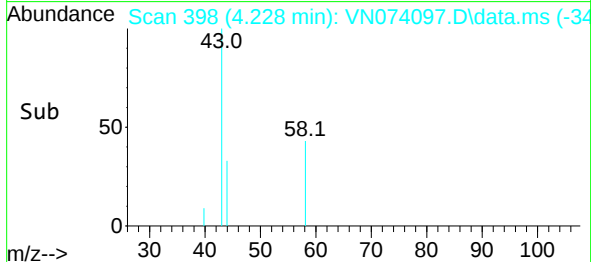
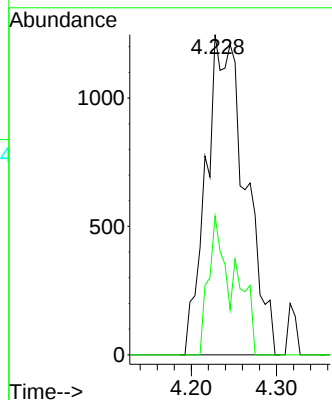
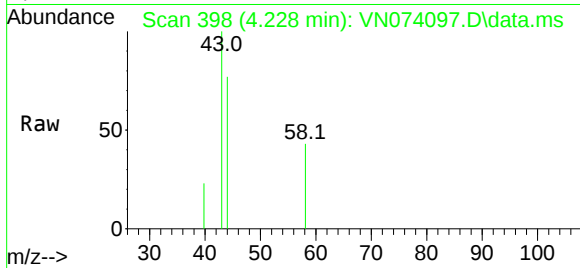




#16
Acetone
Concen: 1.461 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

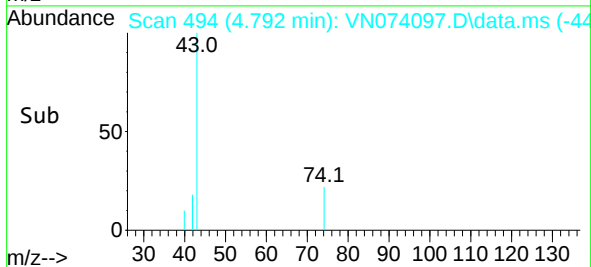
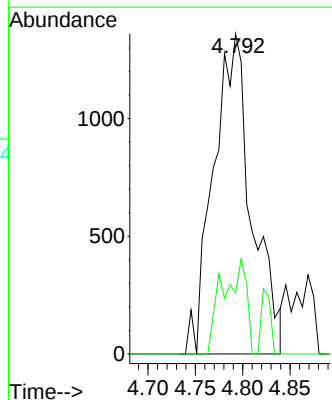
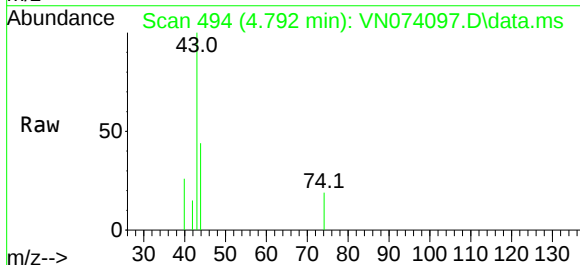
Instrument :
MSVOA_N
ClientSampleId :

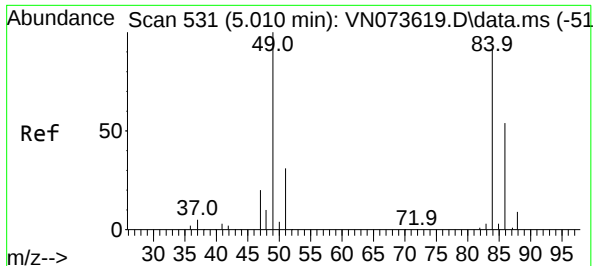
Tgt Ion: 43 Resp: 3988
Ion Ratio Lower Upper
43 100
58 43.4 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.792 min Scan# 494
Delta R.T. 0.011 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Tgt Ion: 43 Resp: 3820
Ion Ratio Lower Upper
43 100
74 6.5 21.6 32.4#





#20

Methylene Chloride

Concen: 0.468 ug/l

RT: 5.022 min Scan# 51

Delta R.T. 0.012 min

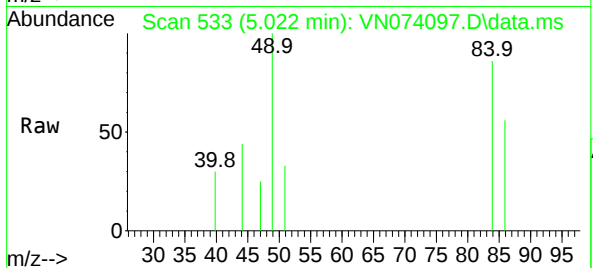
Lab File: VN074097.D

Acq: 24 Aug 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 2696

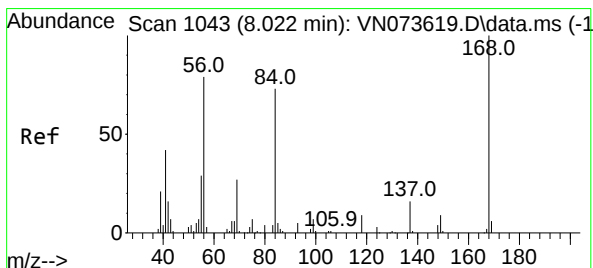
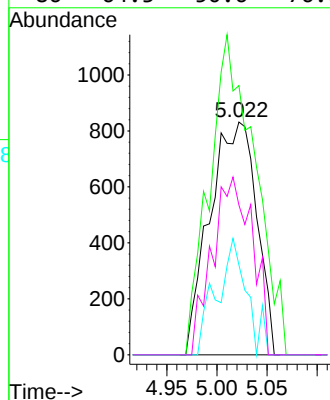
Ion Ratio Lower Upper

84 100

49 115.6 88.3 132.5

51 38.6 28.2 42.2

86 64.3 50.6 76.0



#31

Cyclohexane

Concen: 1.289 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN074097.D

Acq: 24 Aug 2022 17:29

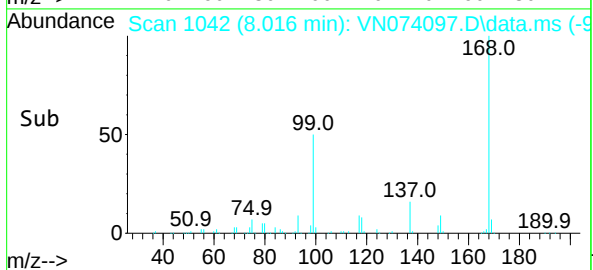
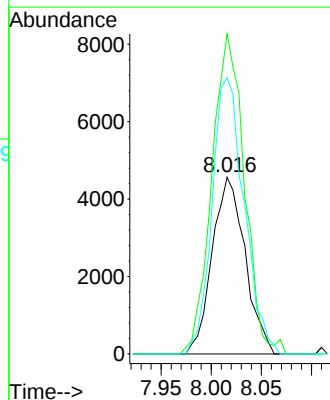
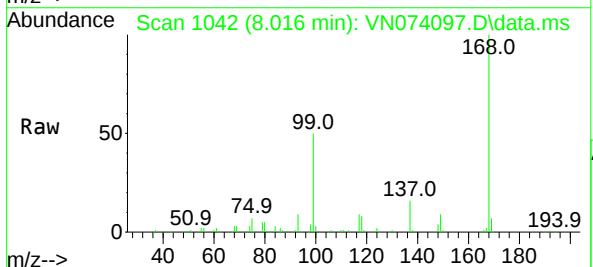
Tgt Ion: 56 Resp: 10395

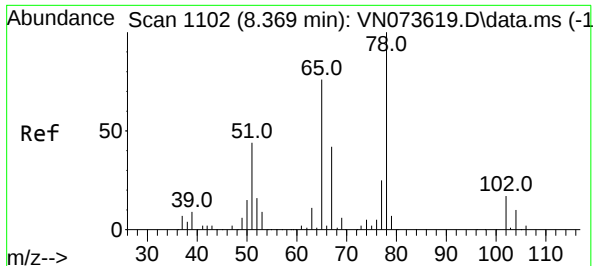
Ion Ratio Lower Upper

56 100

69 181.1 27.8 41.8#

84 156.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 51.850 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074097.D

Acq: 24 Aug 2022 17:29

Instrument :

MSVOA_N

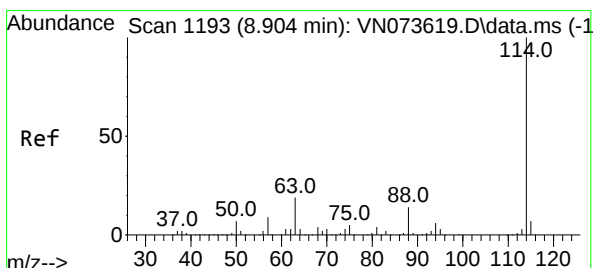
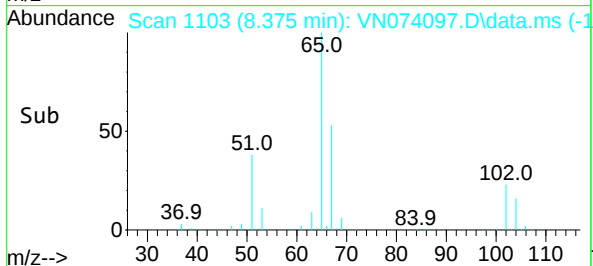
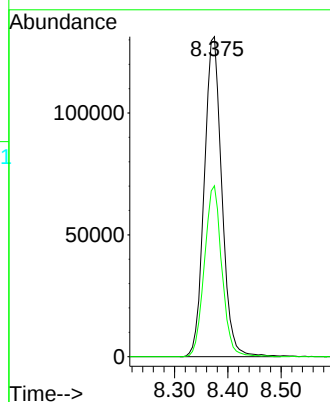
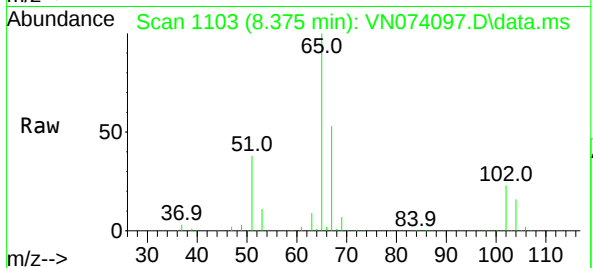
ClientSampleId :

Tgt Ion: 65 Resp: 300062

Ion Ratio Lower Upper

65 100

67 53.2 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: VN074097.D

Acq: 24 Aug 2022 17:29

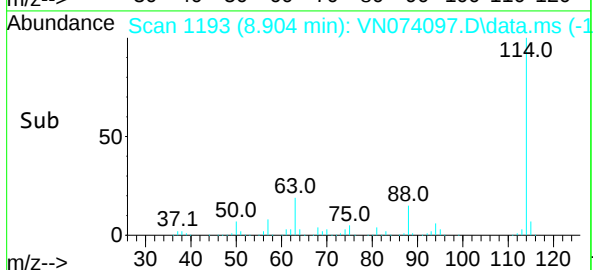
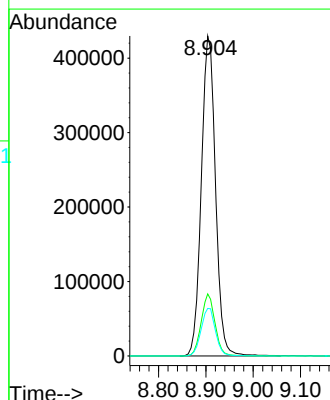
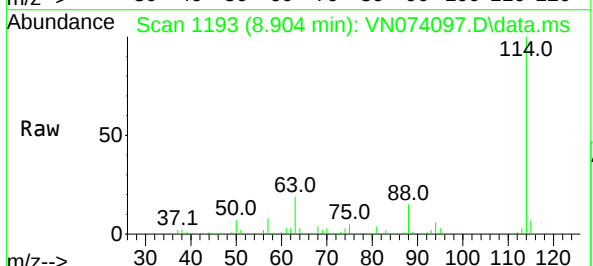
Tgt Ion: 114 Resp: 894535

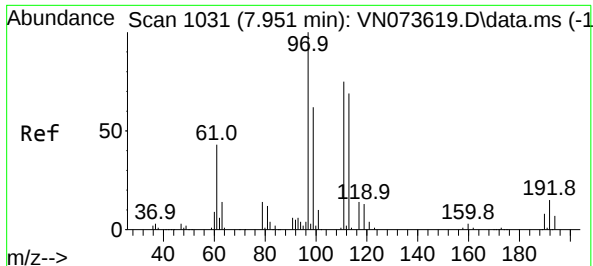
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.647 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. 0.000 min

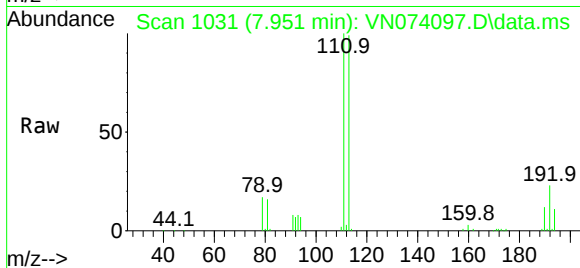
Lab File: VN074097.D

Acq: 24 Aug 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :



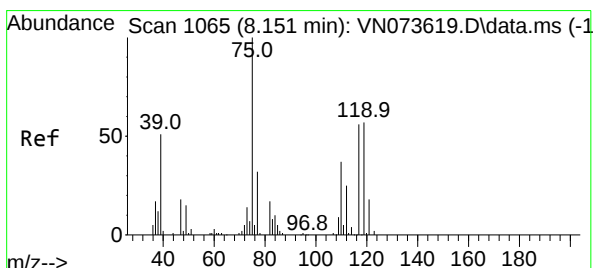
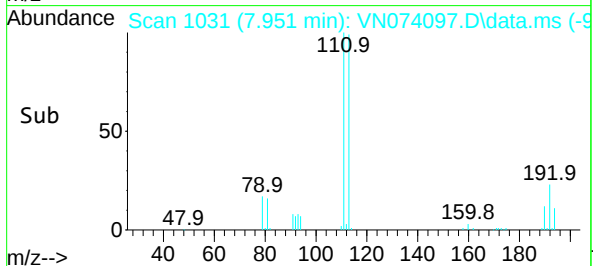
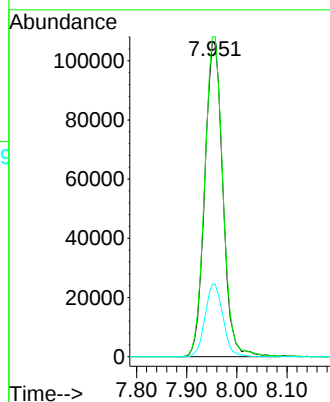
Tgt Ion:113 Resp: 267933

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 22.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.337 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074097.D

Acq: 24 Aug 2022 17:29

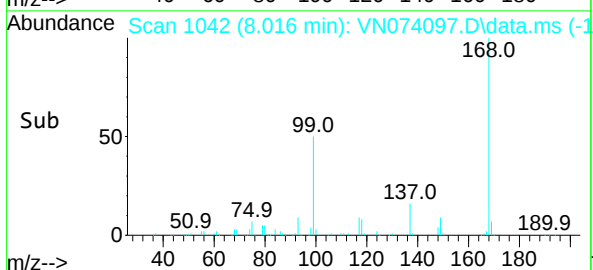
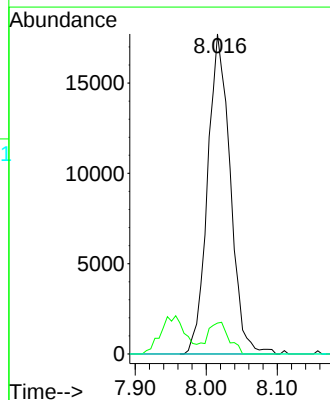
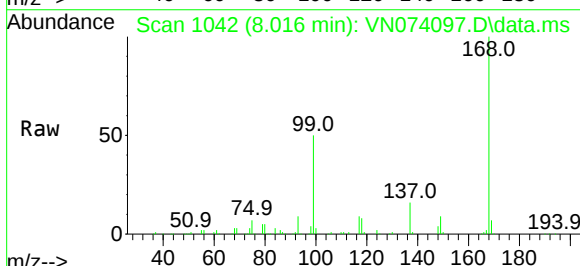
Tgt Ion: 75 Resp: 39214

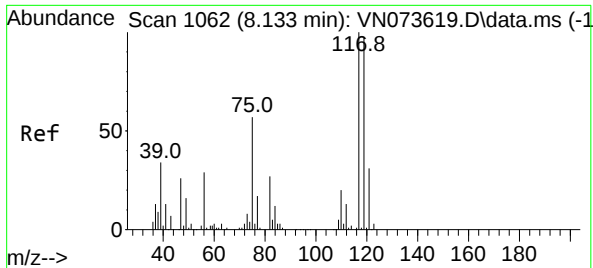
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

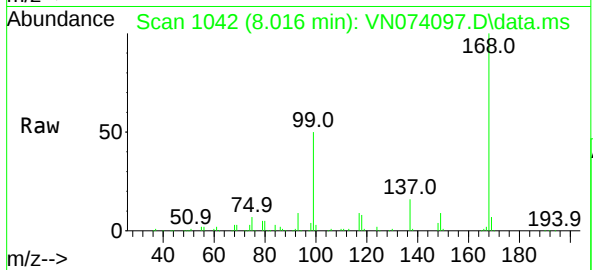
77 0.0 25.1 37.7#



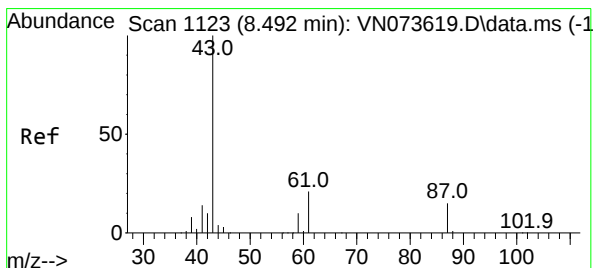
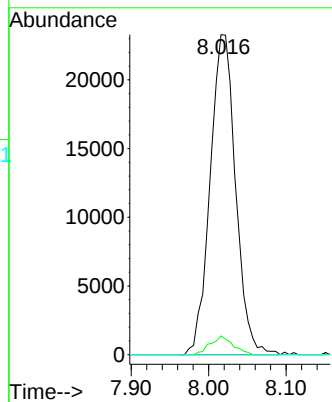
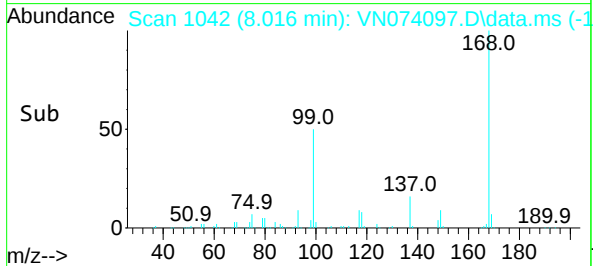


#38
Carbon Tetrachloride
Concen: 6.338 ug/l
RT: 8.016 min Scan# 1140
Delta R.T. -0.117 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :

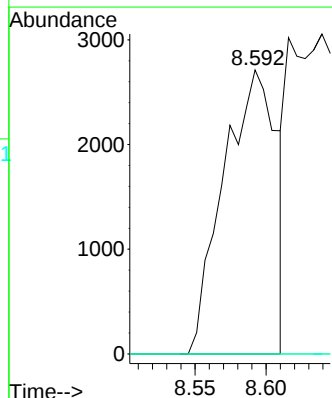
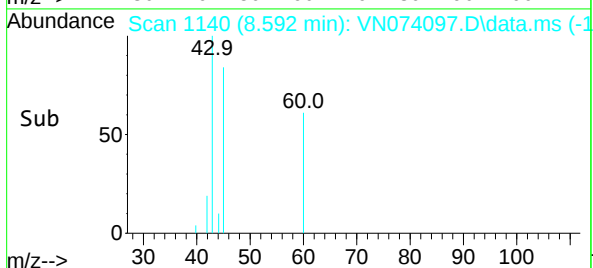
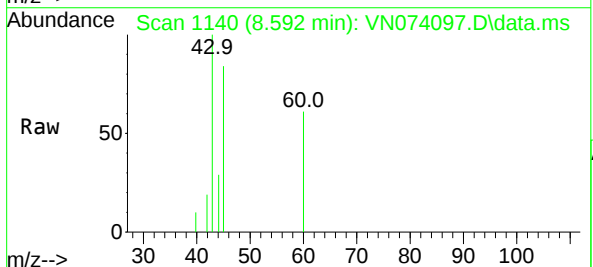


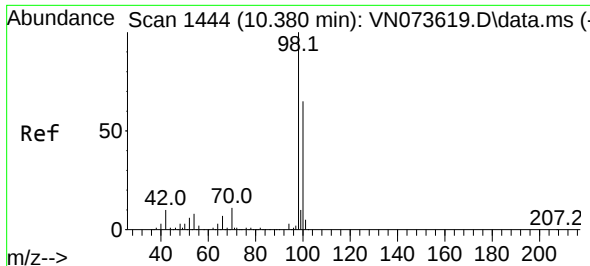
Tgt Ion:117 Resp: 53233
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.554 ug/l
RT: 8.592 min Scan# 1140
Delta R.T. 0.100 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Tgt Ion: 43 Resp: 7027
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

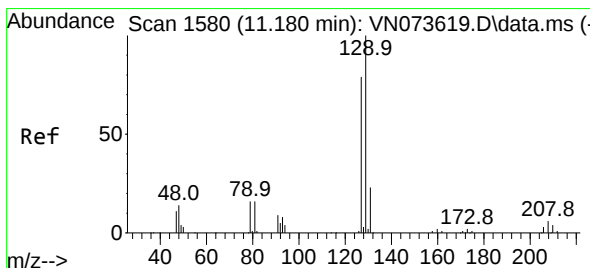
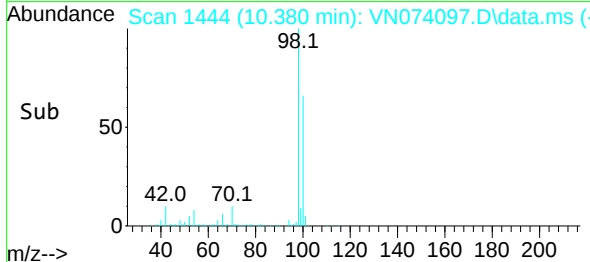
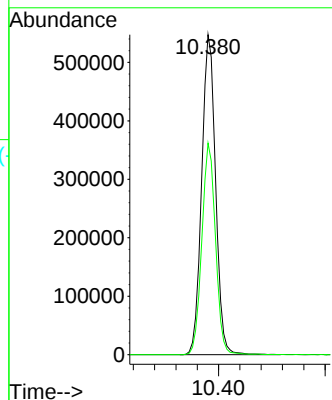
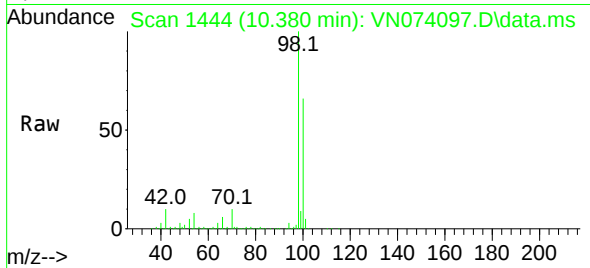




#50
Toluene-d8
Concen: 48.329 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

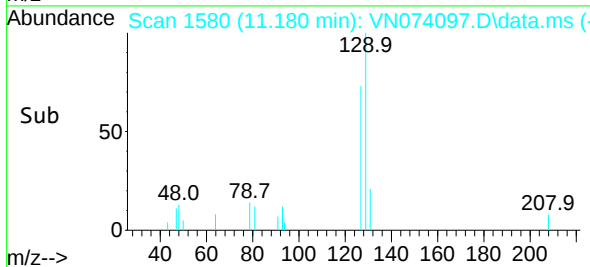
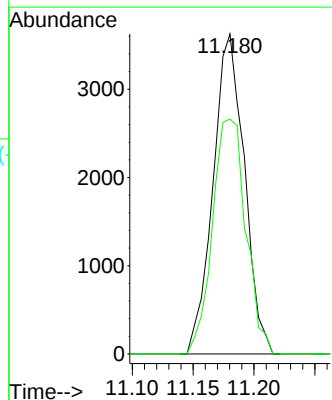
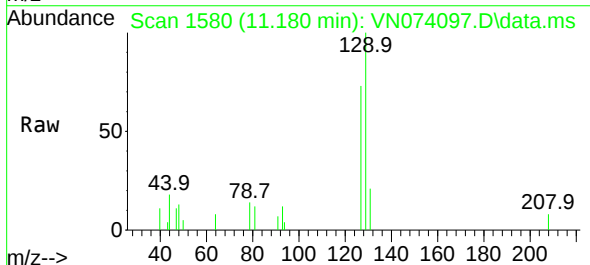
Instrument :
MSVOA_N
ClientSampleId :

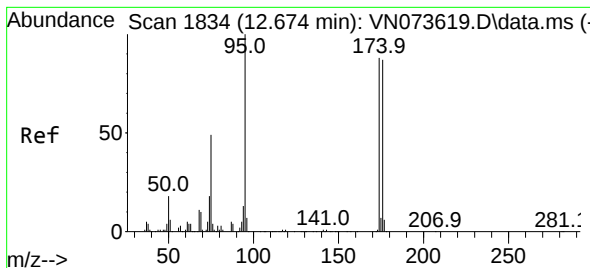
Tgt Ion: 98 Resp: 990180
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#60
Dibromochloromethane
Concen: 0.947 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Tgt Ion:129 Resp: 6477
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4

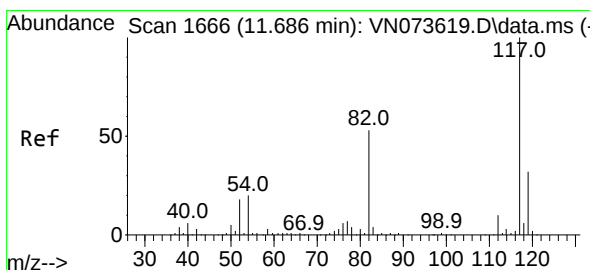
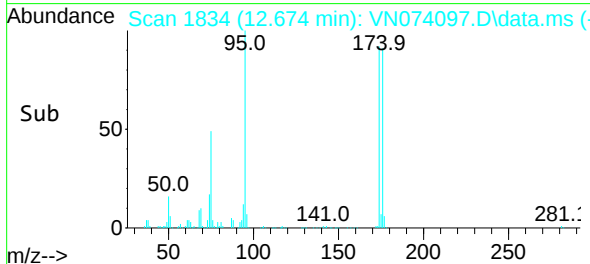
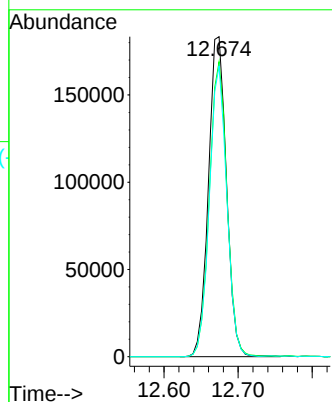
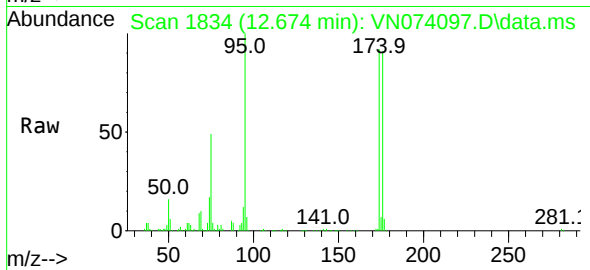




#62
4-Bromofluorobenzene
Concen: 45.571 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

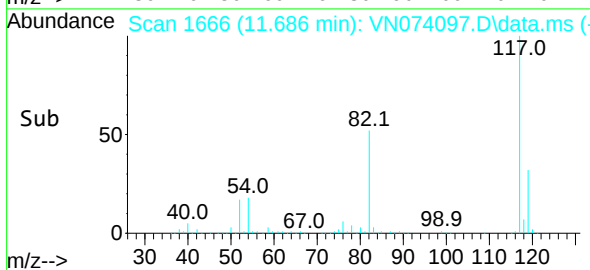
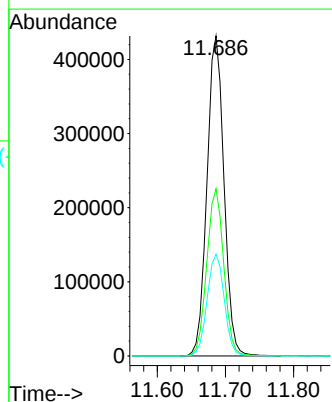
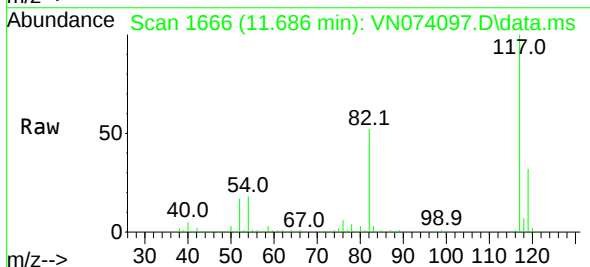
Instrument :
MSVOA_N
ClientSampleId :

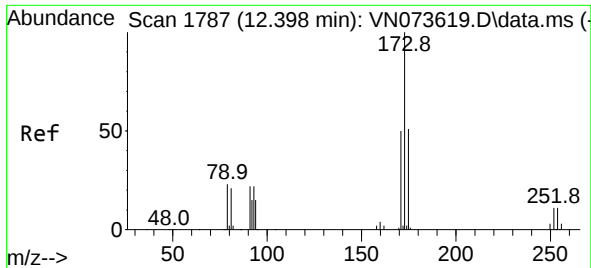
Tgt Ion: 95 Resp: 309874
Ion Ratio Lower Upper
95 100
174 90.4 0.0 167.6
176 87.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

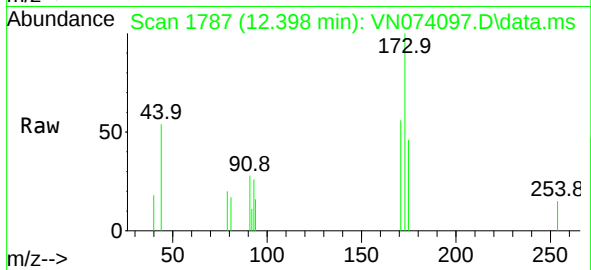
Tgt Ion: 117 Resp: 748720
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 31.8 25.4 38.0



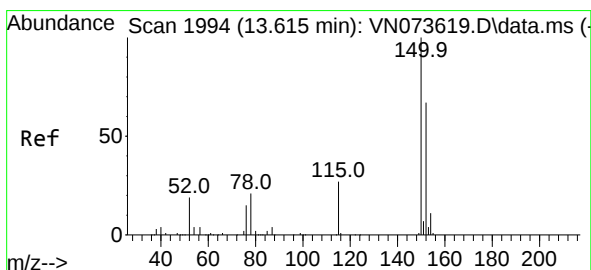
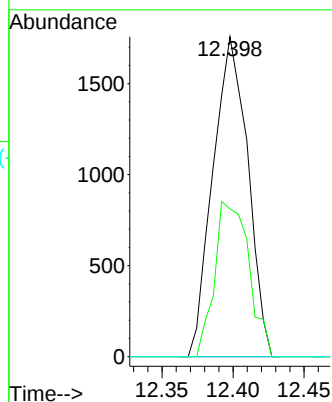
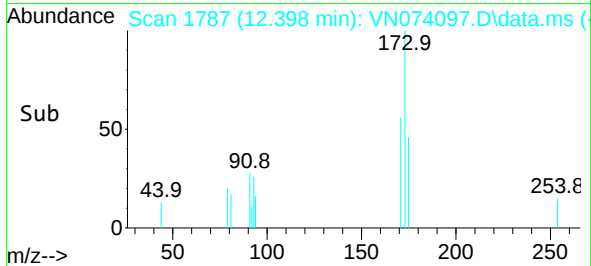


#71
Bromoform
Concen: 0.557 ug/l
RT: 12.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :

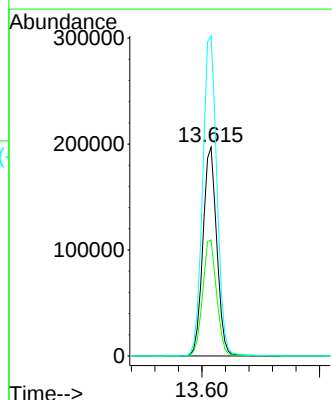
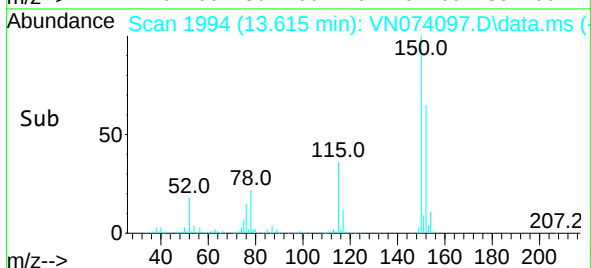
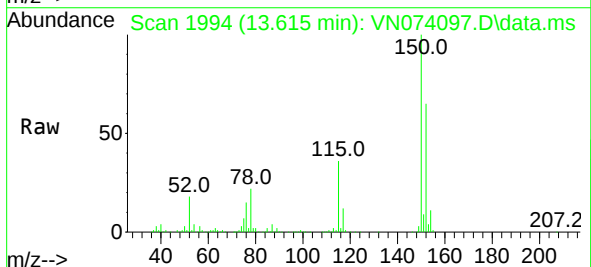


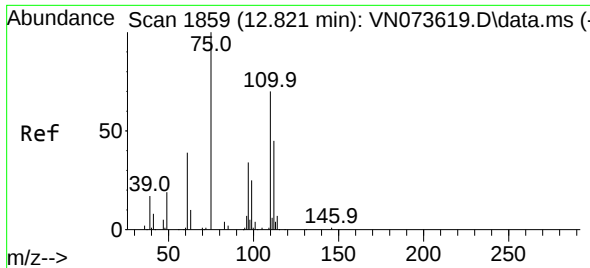
Tgt Ion:173 Resp: 2996
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Tgt Ion:152 Resp: 323131
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 157.6 0.0 356.2

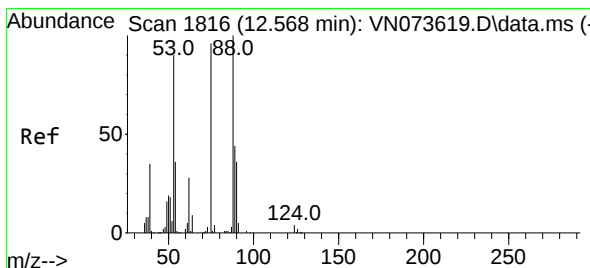
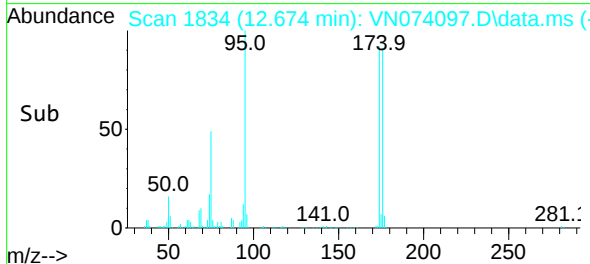
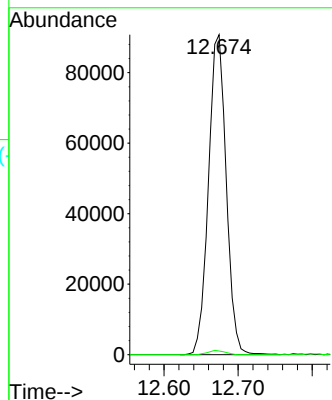
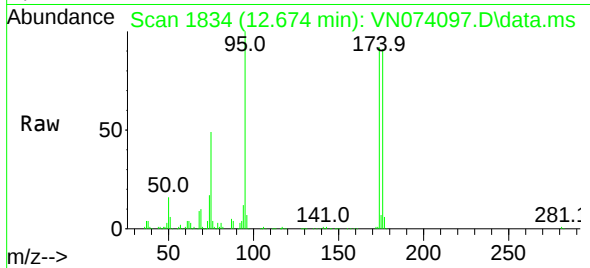




#76
1,2,3-Trichloropropane
Concen: 22.474 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 150940
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.920 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074097.D
Acq: 24 Aug 2022 17:29

Tgt Ion: 75 Resp: 150940
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

