

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074099.D
 Acq On : 24 Aug 2022 18:19
 Operator : JC\MD
 Sample : N4280-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 07:55:49 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)

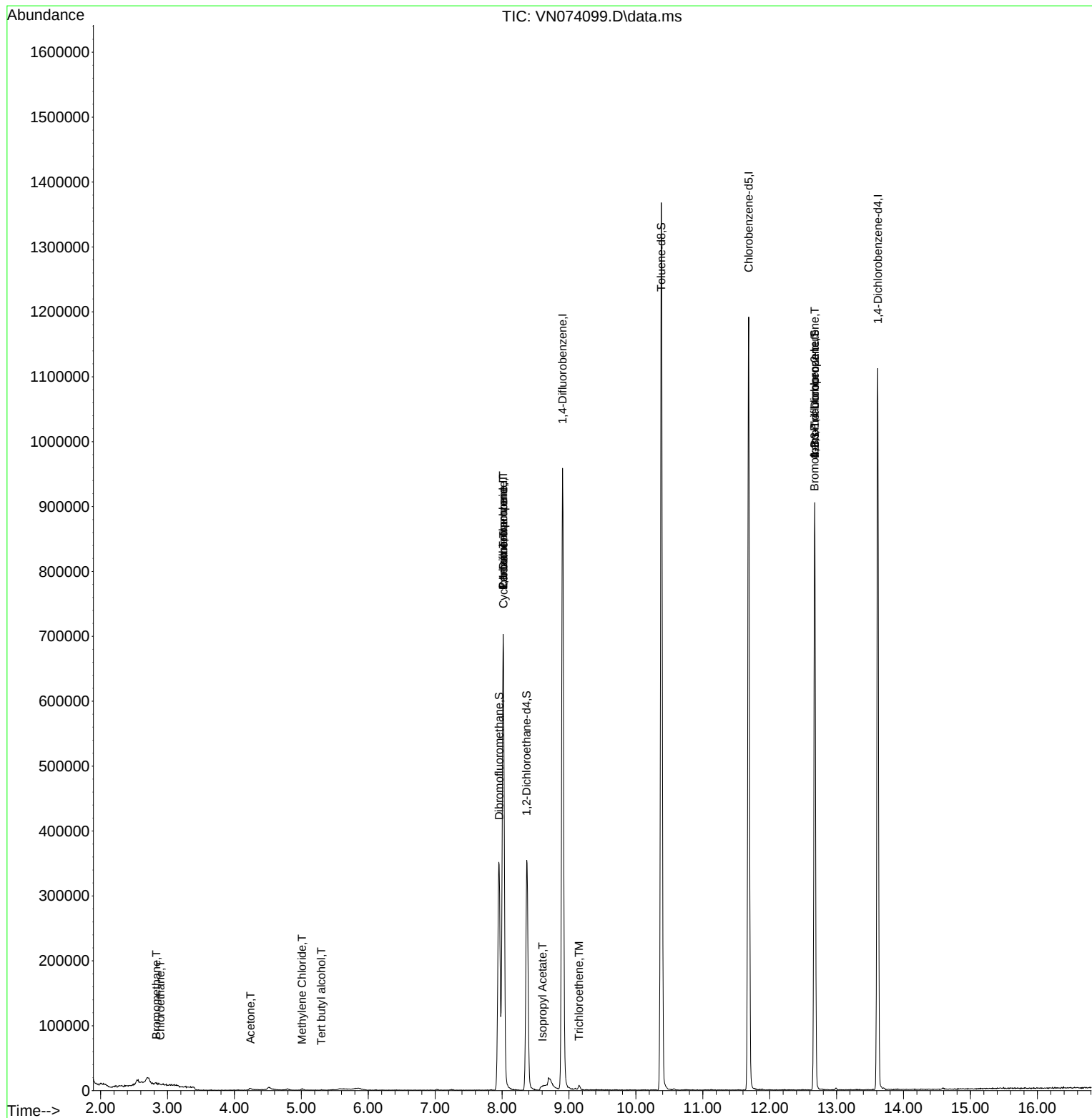
Internal Standards						
1) Pentafluorobenzene	8.016	168	580450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	893233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	736617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	320714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	300274	53.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.220%			
35) Dibromofluoromethane	7.957	113	267549	50.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	10.380	98	979744	47.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.780%			
62) 4-Bromofluorobenzene	12.674	95	300966	44.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.660%			
Target Compounds						Qvalue
5) Bromomethane	2.834	94	1423	0.347	ug/l #	51
6) Chloroethane	2.893	64	1042	0.224	ug/l #	77
11) Tert butyl alcohol	5.298	59	421	0.333	ug/l #	72
16) Acetone	4.240	43	5137	1.926	ug/l #	76
18) Methyl Acetate	4.798	43	4149	Below Cal	#	67
20) Methylene Chloride	5.010	84	1763	0.313	ug/l #	80
31) Cyclohexane	8.022	56	9045	1.148	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	39350	5.363	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53019	6.322	ug/l #	17
43) Isopropyl Acetate	8.604	43	4953	0.391	ug/l #	53
44) Trichloroethene	9.151	130	2916	0.436	ug/l	87
71) Bromoform	12.669	173	1781	0.336	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	147979	22.199	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	147979	63.138	ug/l #	10

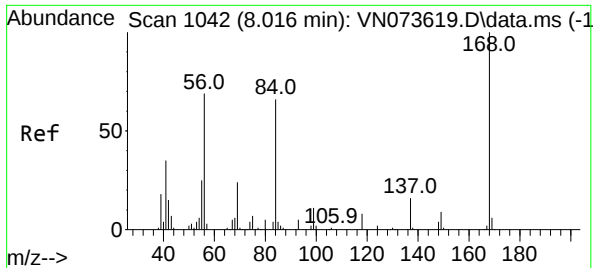
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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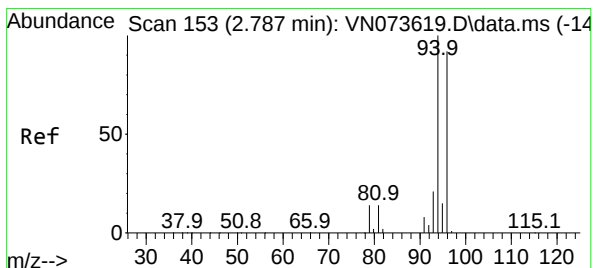
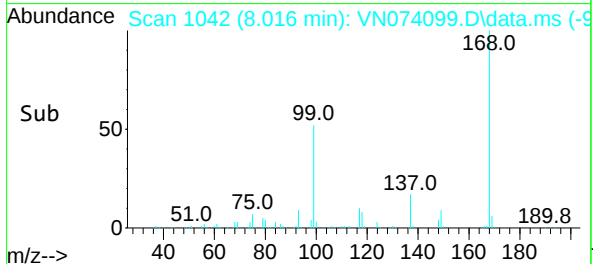
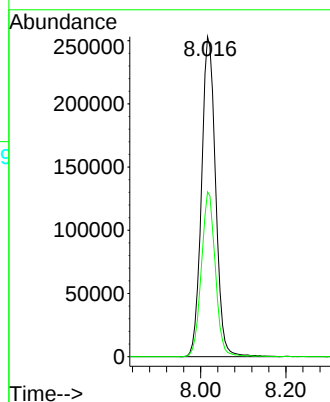
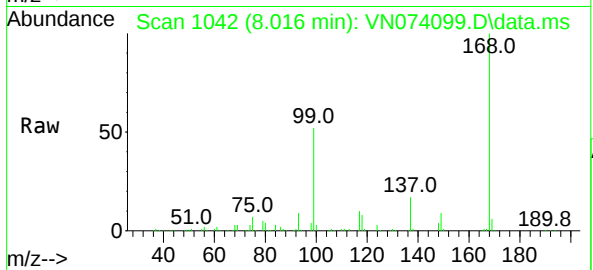




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

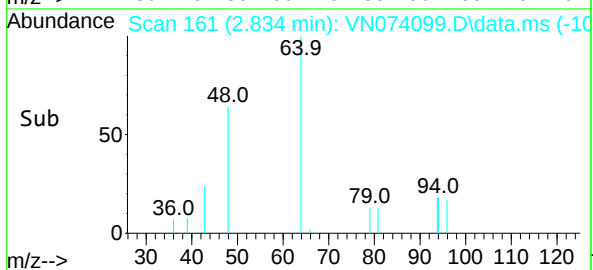
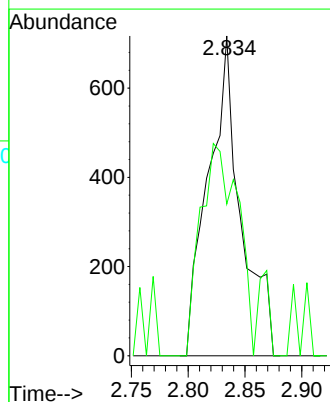
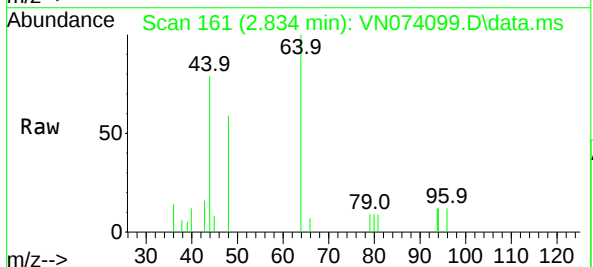
Instrument :
MSVOA_N
ClientSampleId :

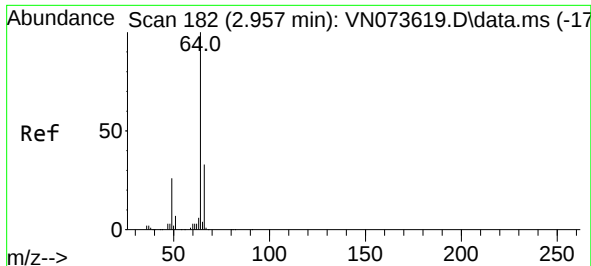
Tgt Ion:168 Resp: 580450
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#5
Bromomethane
Concen: 0.347 ug/l
RT: 2.834 min Scan# 161
Delta R.T. 0.047 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Tgt Ion: 94 Resp: 1423
Ion Ratio Lower Upper
94 100
96 47.4 76.0 114.0#

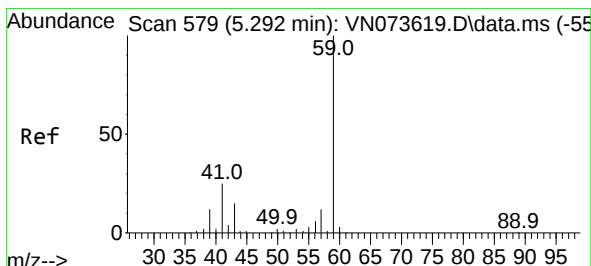
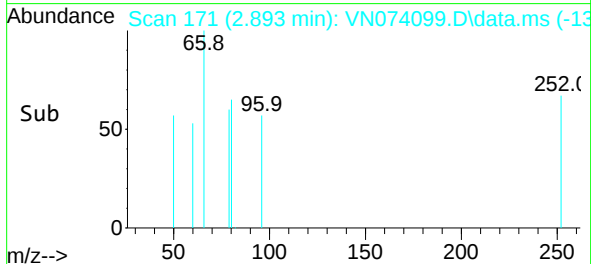
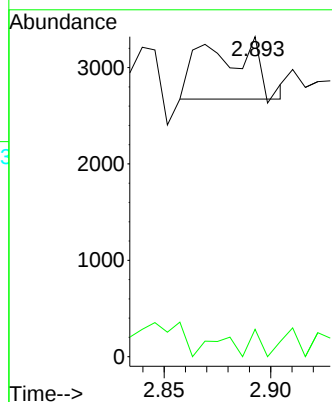
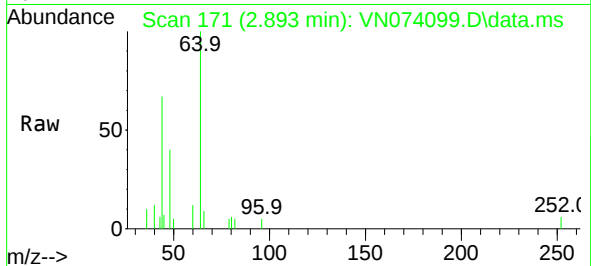




#6
Chloroethane
Concen: 0.224 ug/l
RT: 2.893 min Scan# 11
Delta R.T. -0.064 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

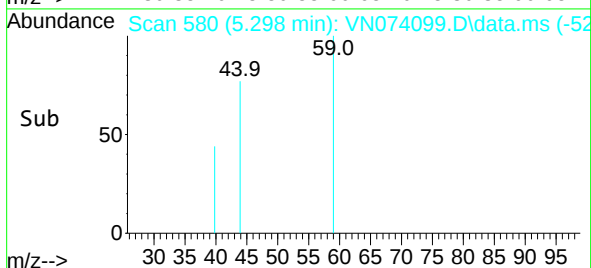
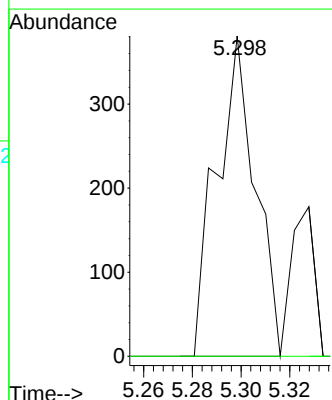
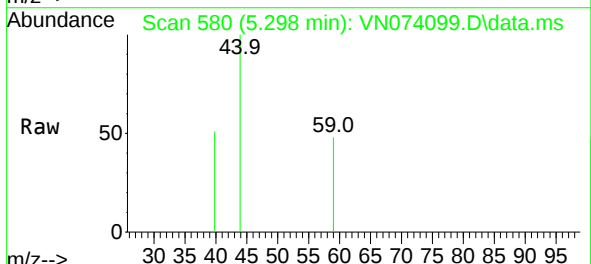
Instrument :
MSVOA_N
ClientSampleId :

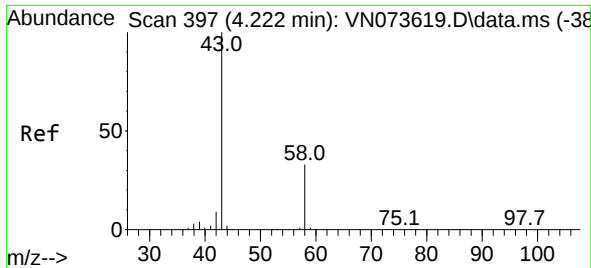
Tgt Ion: 64 Resp: 1042
Ion Ratio Lower Upper
64 100
66 19.6 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.333 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.006 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Tgt Ion: 59 Resp: 421
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 1.926 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN074099.D

Acq: 24 Aug 2022 18:19

Instrument :

MSVOA_N

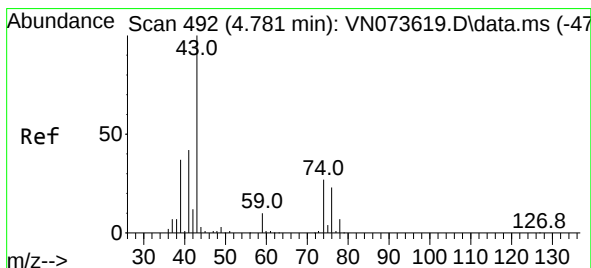
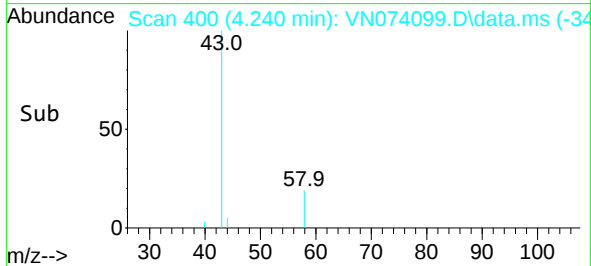
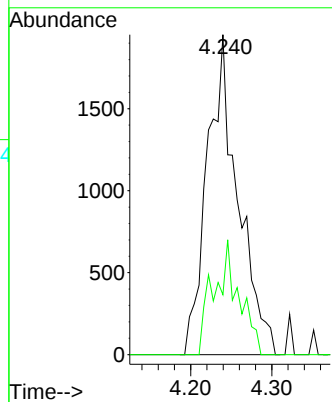
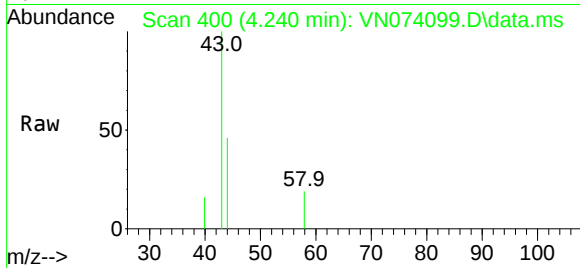
ClientSampleId :

Tgt Ion: 43 Resp: 5137

Ion Ratio Lower Upper

43 100

58 18.8 26.0 39.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.798 min Scan# 495

Delta R.T. 0.017 min

Lab File: VN074099.D

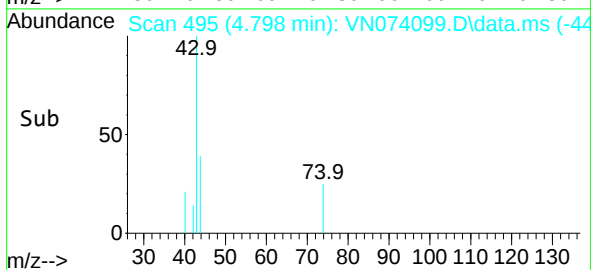
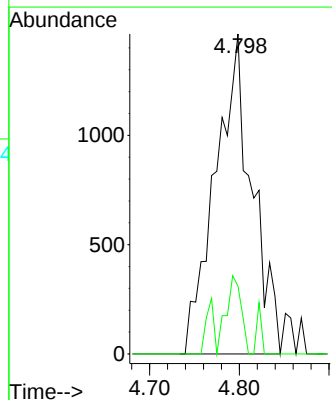
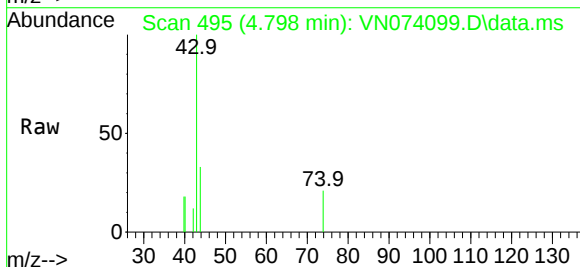
Acq: 24 Aug 2022 18:19

Tgt Ion: 43 Resp: 4149

Ion Ratio Lower Upper

43 100

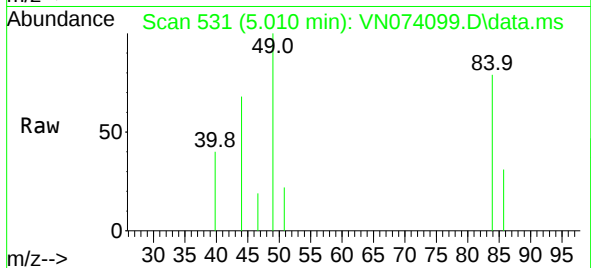
74 10.1 21.6 32.4#





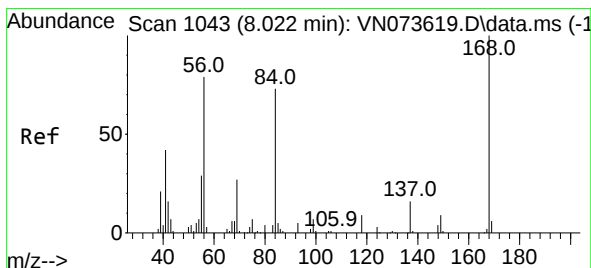
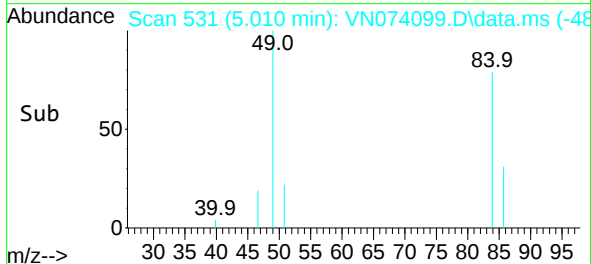
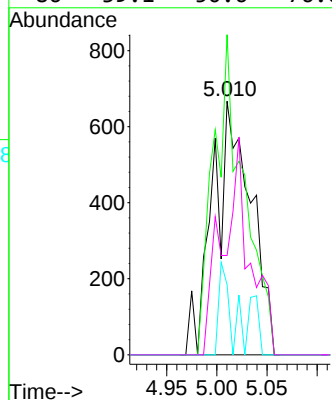
#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1763

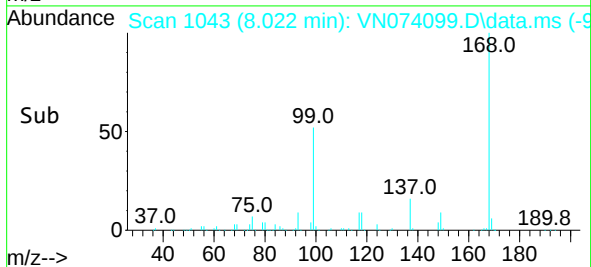
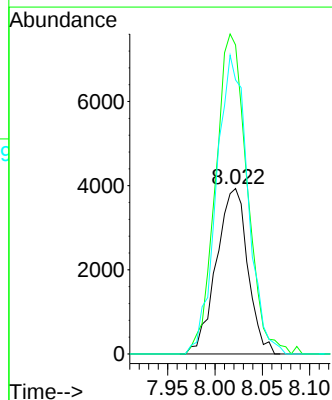
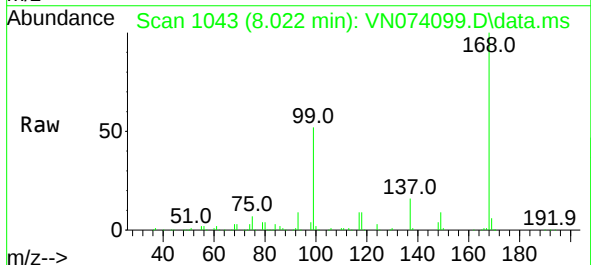
Ion	Ratio	Lower	Upper
84	100		
49	126.2	88.3	132.5
51	27.6	28.2	42.2#
86	39.1	50.6	76.0#

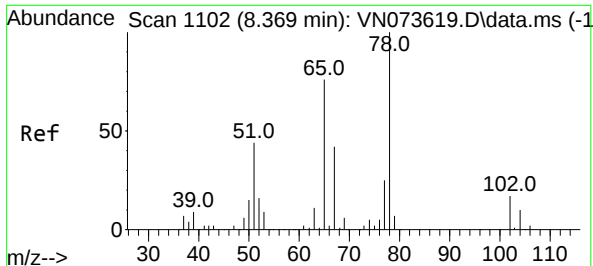


#31
Cyclohexane
Concen: 1.148 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Tgt Ion: 56 Resp: 9045

Ion	Ratio	Lower	Upper
56	100		
69	186.7	27.8	41.8#
84	165.6	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 53.112 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074099.D

Acq: 24 Aug 2022 18:19

Instrument :

MSVOA_N

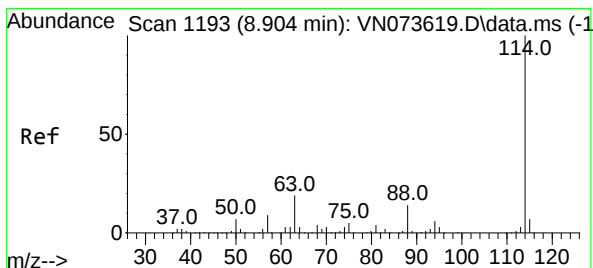
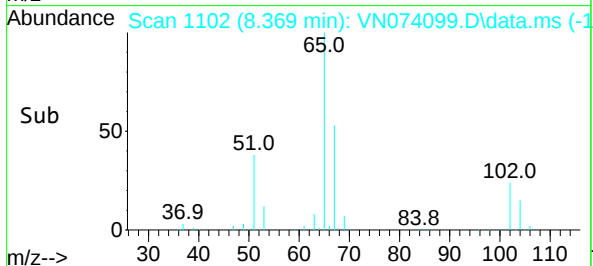
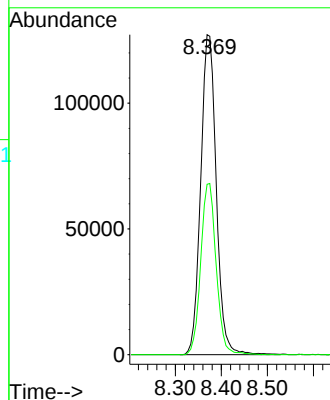
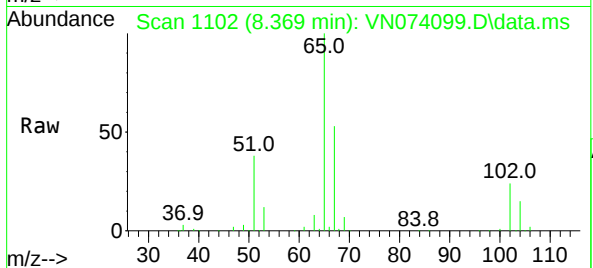
ClientSampleId :

Tgt Ion: 65 Resp: 300274

Ion Ratio Lower Upper

65 100

67 52.9 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: VN074099.D

Acq: 24 Aug 2022 18:19

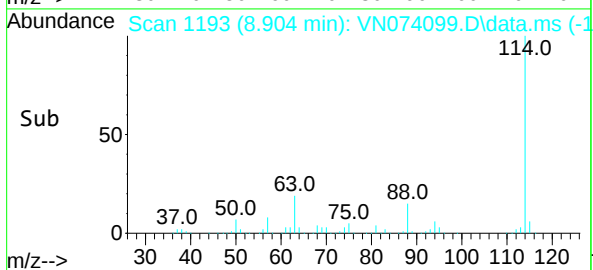
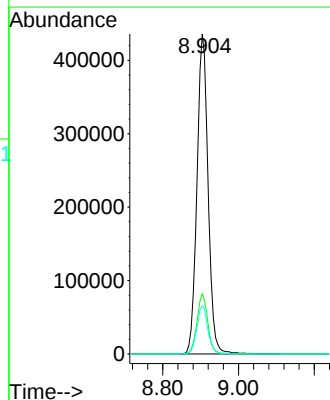
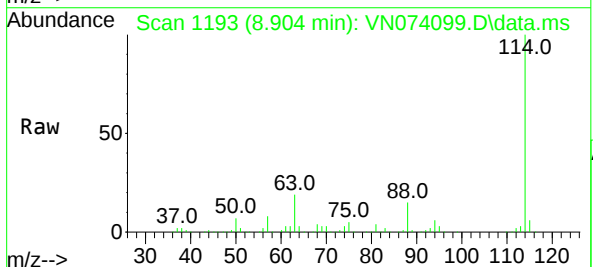
Tgt Ion: 114 Resp: 893233

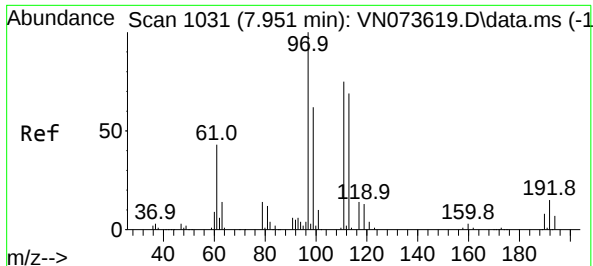
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.648 ug/l

RT: 7.957 min Scan# 1042

Delta R.T. 0.006 min

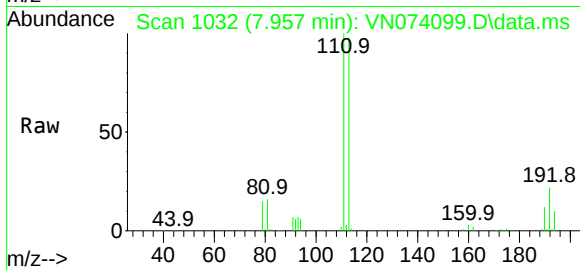
Lab File: VN074099.D

Acq: 24 Aug 2022 18:19

Instrument :

MSVOA_N

ClientSampleId :



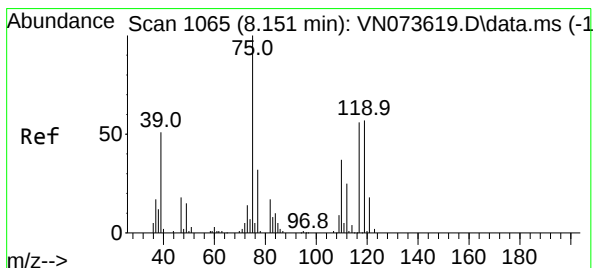
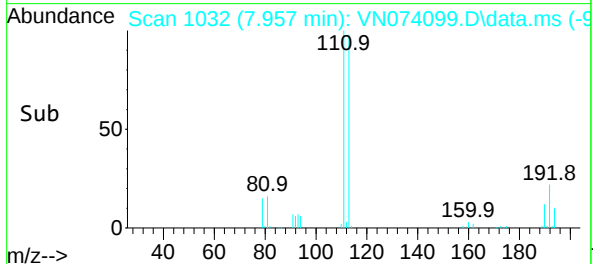
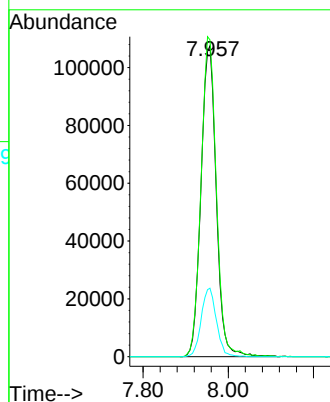
Tgt Ion:113 Resp: 267549

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 21.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.363 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074099.D

Acq: 24 Aug 2022 18:19

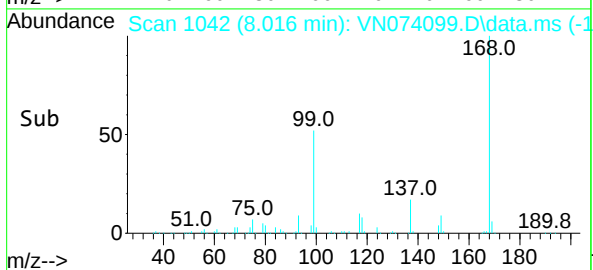
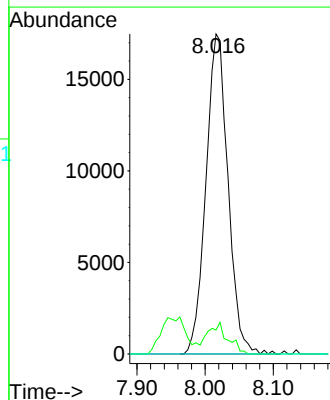
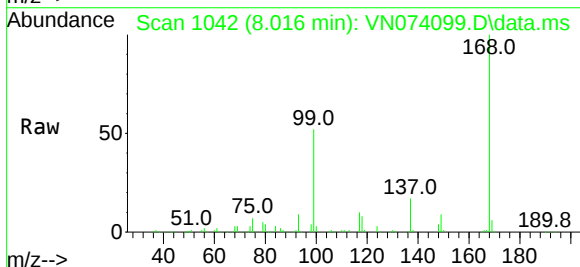
Tgt Ion: 75 Resp: 39350

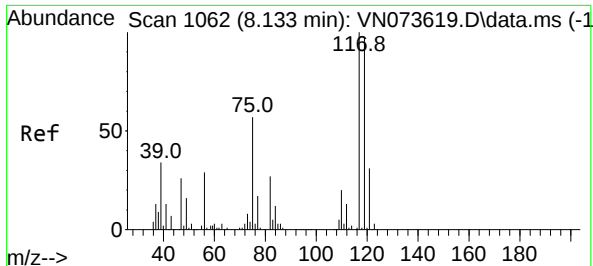
Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

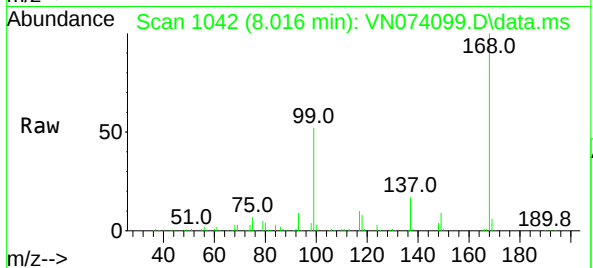
77 0.0 25.1 37.7#



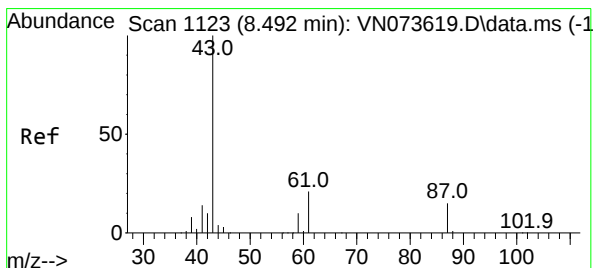
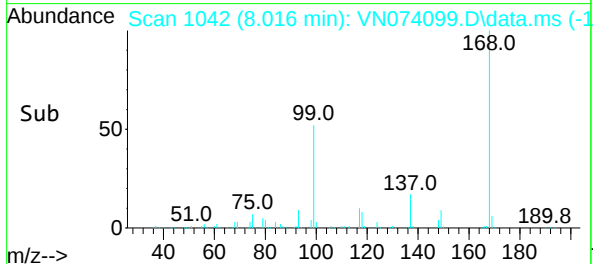
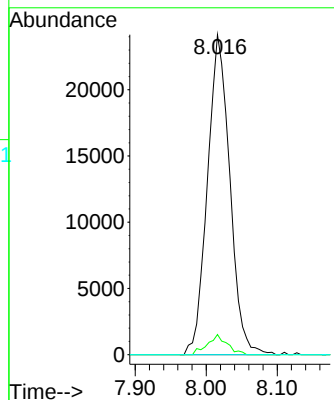


#38
Carbon Tetrachloride
Concen: 6.322 ug/l
RT: 8.016 min Scan# 1142
Delta R.T. -0.117 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Instrument :
MSVOA_N
ClientSampleId :

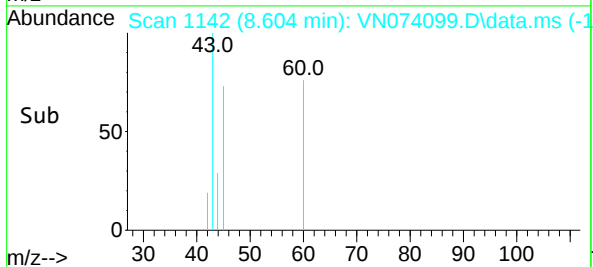
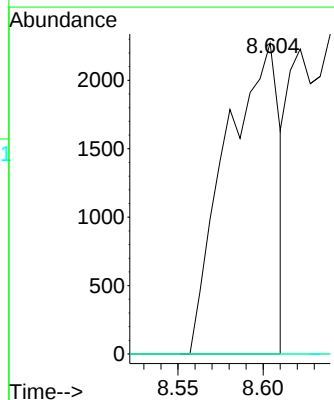
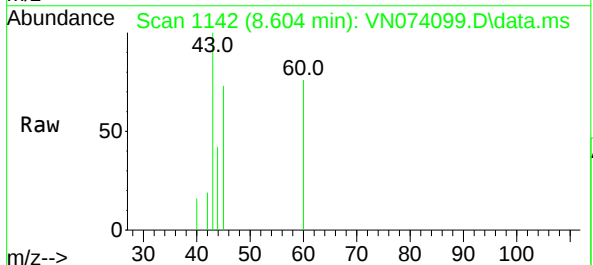


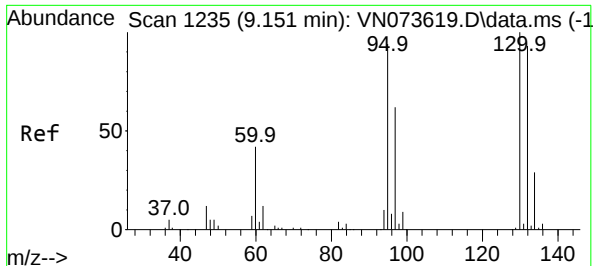
Tgt Ion:117 Resp: 53019
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.391 ug/l
RT: 8.604 min Scan# 1142
Delta R.T. 0.112 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Tgt Ion: 43 Resp: 4953
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

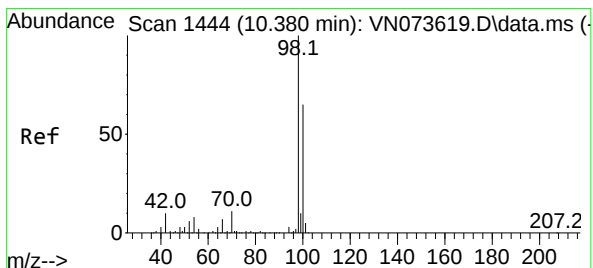
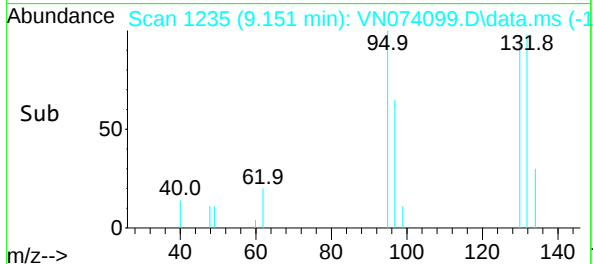
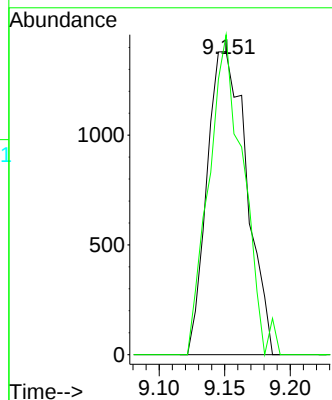
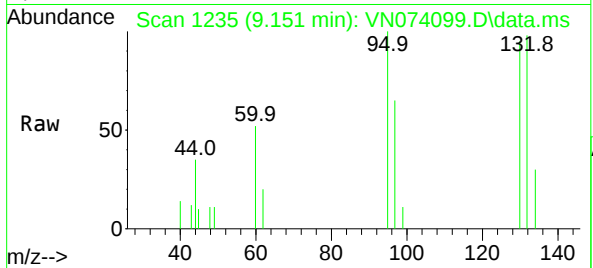




#44
Trichloroethene
Concen: 0.436 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

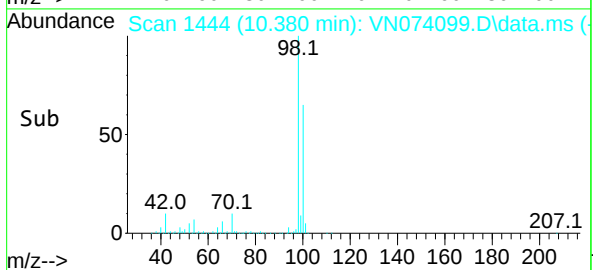
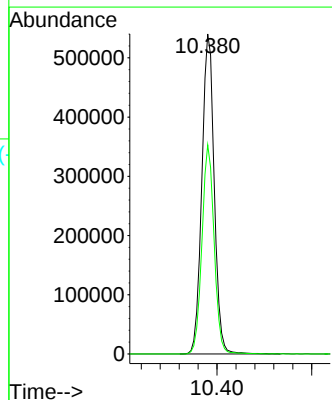
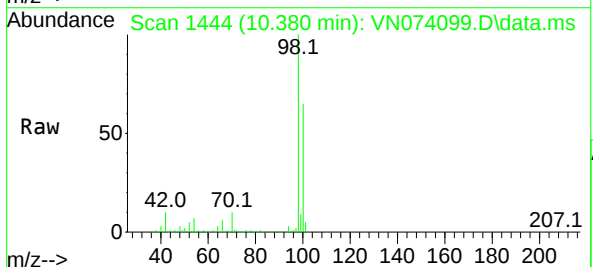
Instrument :
MSVOA_N
ClientSampleId :

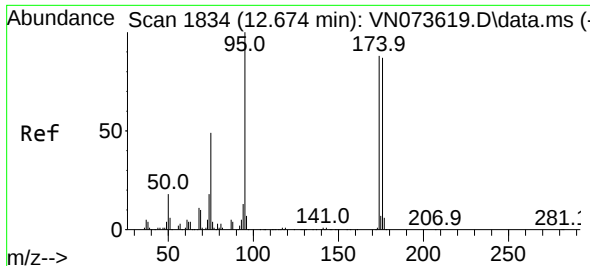
Tgt Ion:130 Resp: 2916
Ion Ratio Lower Upper
130 100
95 105.6 0.0 186.8



#50
Toluene-d8
Concen: 47.889 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Tgt Ion: 98 Resp: 979744
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

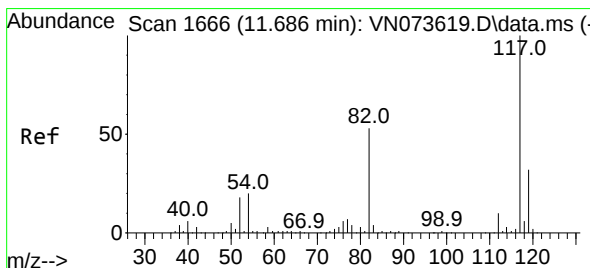
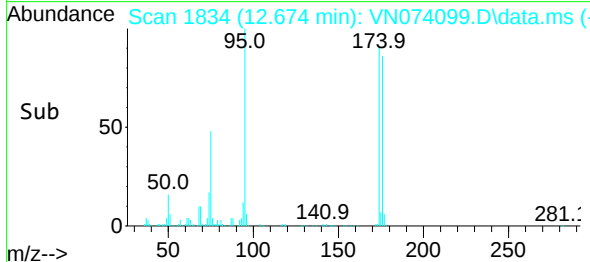
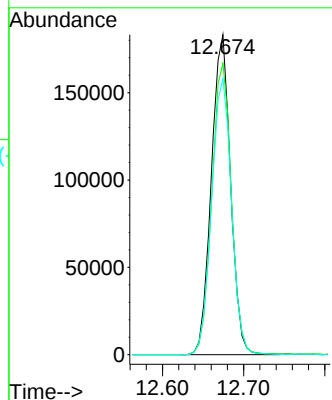
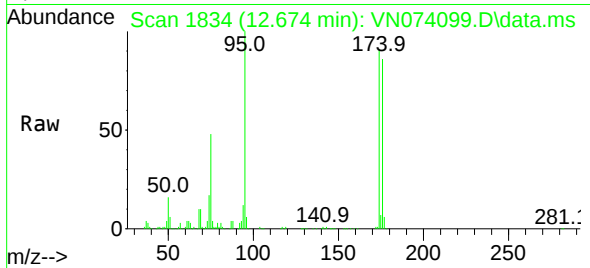




#62
4-Bromofluorobenzene
Concen: 44.326 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

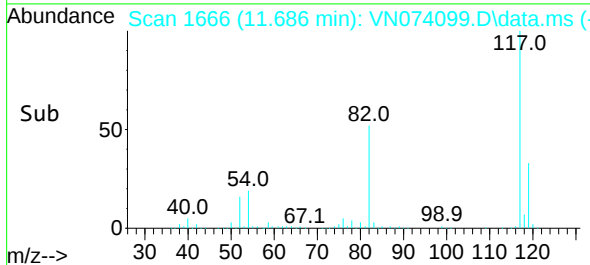
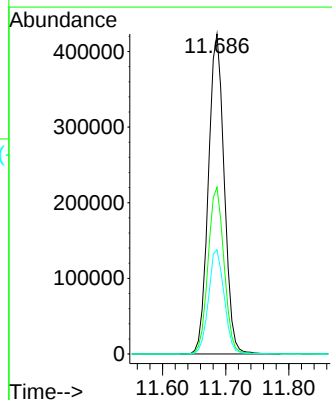
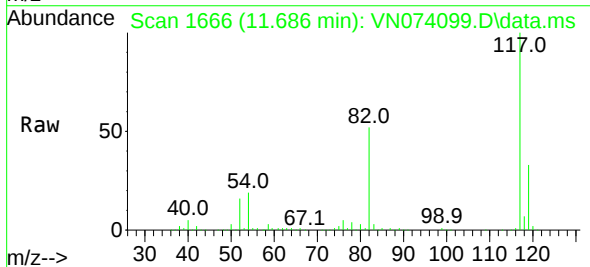
Instrument :
MSVOA_N
ClientSampleId :

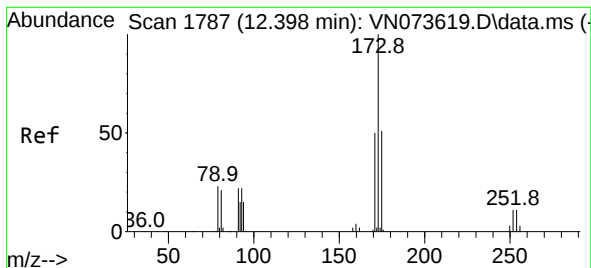
Tgt Ion: 95 Resp: 300966
Ion Ratio Lower Upper
95 100
174 92.9 0.0 167.6
176 89.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Tgt Ion: 117 Resp: 736617
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 32.6 25.4 38.0





#71

Bromoform

Concen: 0.336 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.271 min

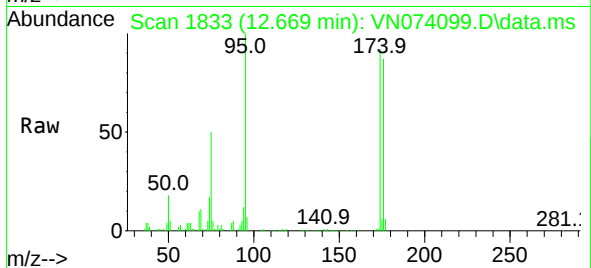
Lab File: VN074099.D

Acq: 24 Aug 2022 18:19

Instrument :

MSVOA_N

ClientSampleId :



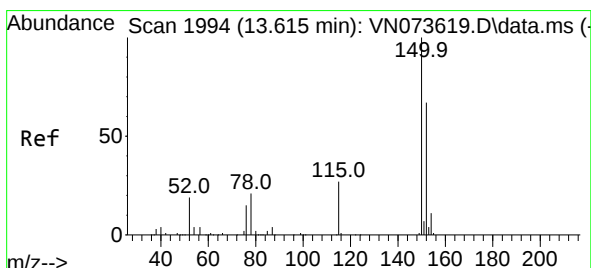
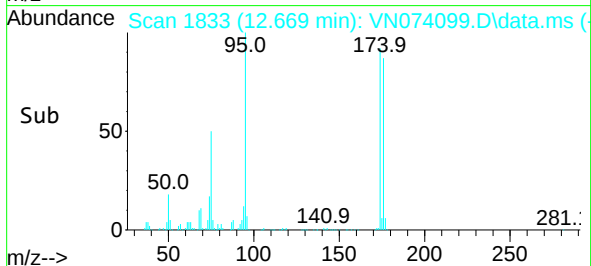
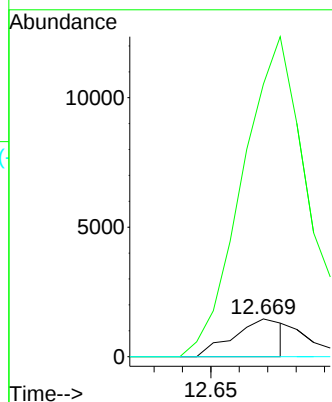
Tgt Ion:173 Resp: 1781

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. 0.001 min

Lab File: VN074099.D

Acq: 24 Aug 2022 18:19

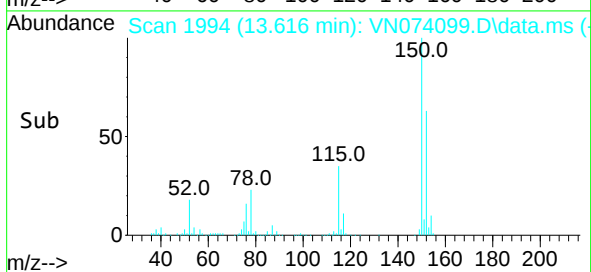
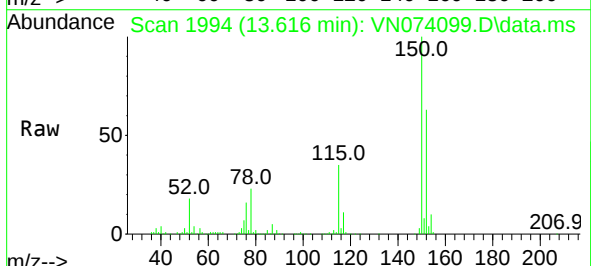
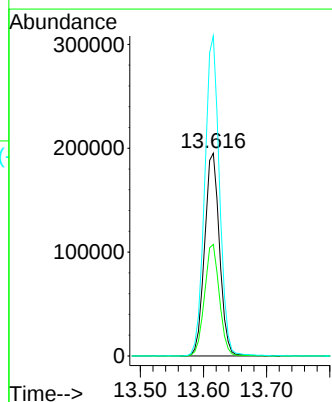
Tgt Ion:152 Resp: 320714

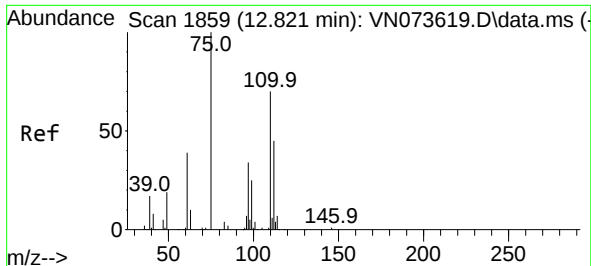
Ion Ratio Lower Upper

152 100

115 54.9 28.9 86.7

150 155.9 0.0 356.2

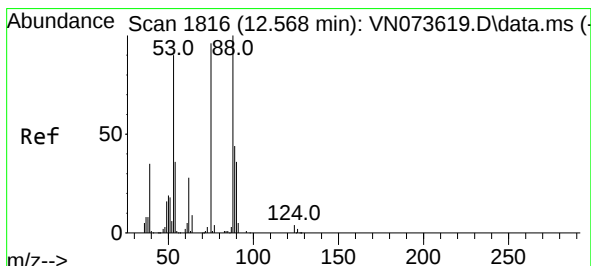
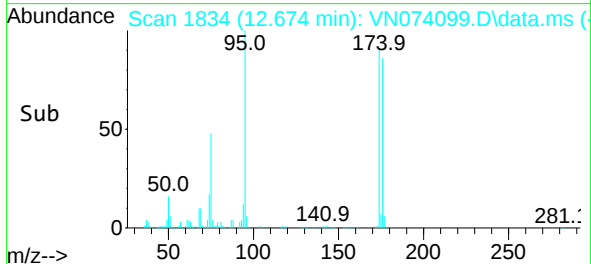
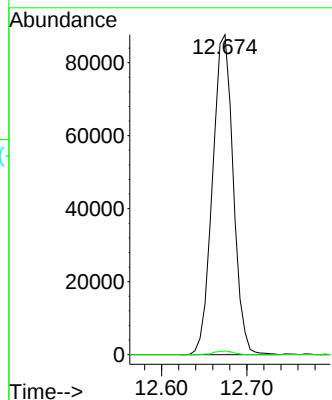
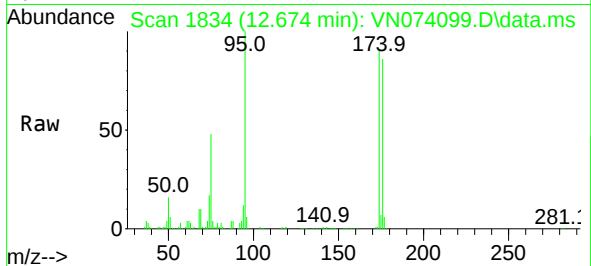




#76
1,2,3-Trichloropropane
Concen: 22.199 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 147979
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.138 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074099.D
Acq: 24 Aug 2022 18:19

Tgt Ion: 75 Resp: 147979
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

