

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074092.D
 Acq On : 24 Aug 2022 15:26
 Operator : JC\MD
 Sample : N4244-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 07:54:33 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)

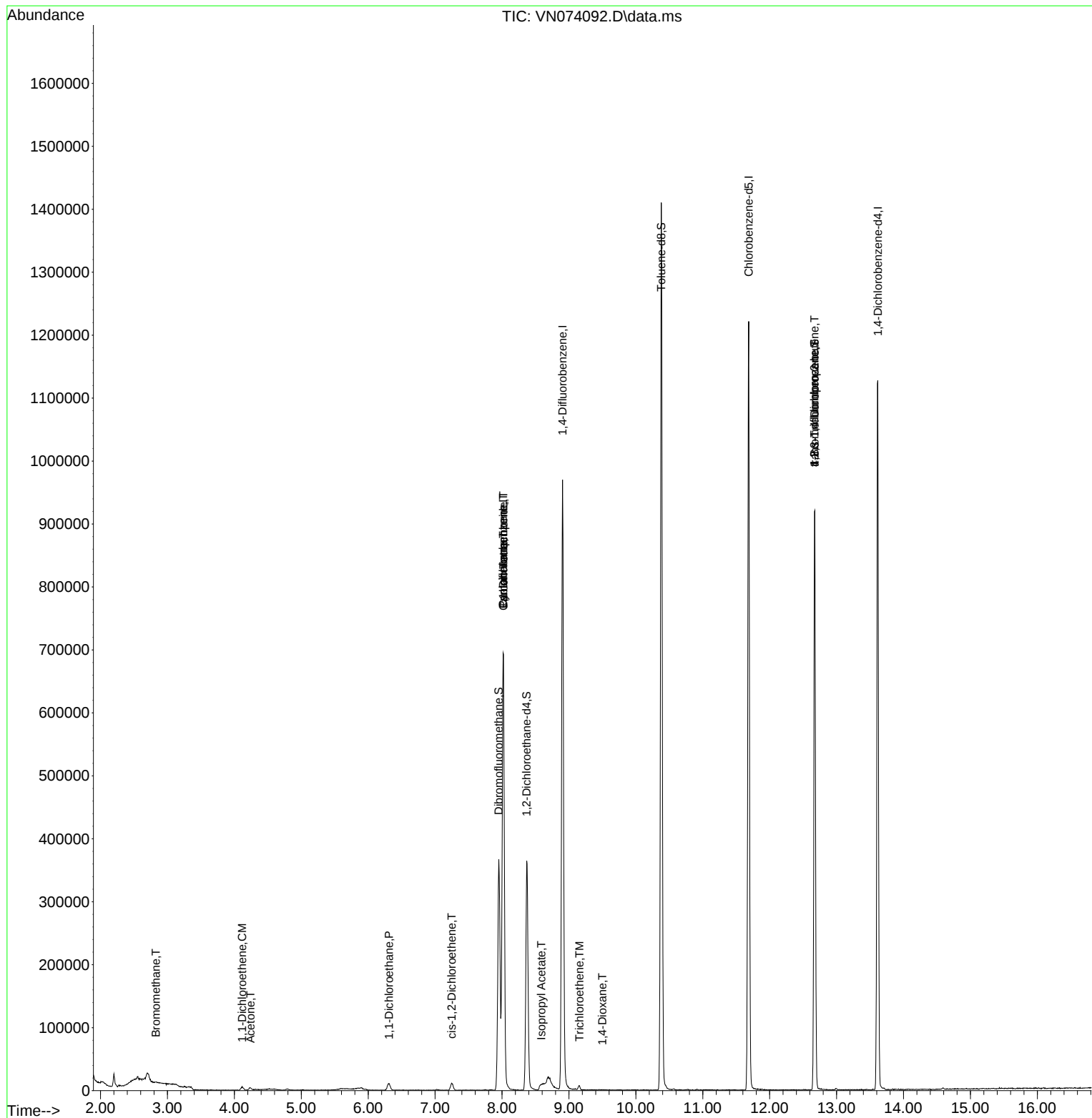
Internal Standards						
1) Pentafluorobenzene	8.016	168	587774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	892234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	750896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	326553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305260	53.322	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.640%	
35) Dibromofluoromethane	7.951	113	268152	50.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.640%	
50) Toluene-d8	10.381	98	993482	48.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	12.669	95	311861	45.982	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	940	0.226	ug/l #	57
12) 1,1-Dichloroethene	4.116	96	3380	0.729	ug/l #	79
16) Acetone	4.240	43	7581	2.807	ug/l	94
18) Methyl Acetate	4.793	43	3917	Below Cal	#	75
24) 1,1-Dichloroethane	6.310	63	17754	1.958	ug/l #	94
27) cis-1,2-Dichloroethene	7.245	96	7385	1.171	ug/l	88
31) Cyclohexane	8.016	56	9370	1.174	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	38849	5.301	ug/l #	49
38) Carbon Tetrachloride	8.022	117	52631	6.283	ug/l #	17
43) Isopropyl Acetate	8.587	43	8144	0.644	ug/l #	53
44) Trichloroethene	9.157	130	2781	0.416	ug/l	72
49) 1,4-Dioxane	9.498	88	177	1.100	ug/l #	54
76) 1,2,3-Trichloropropane	12.669	75	152597	22.482	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	152597	63.944	ug/l #	10

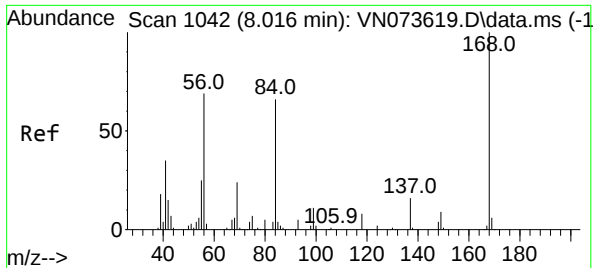
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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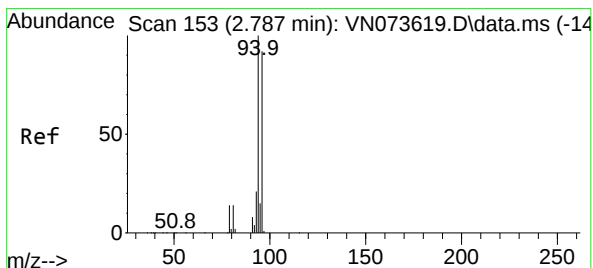
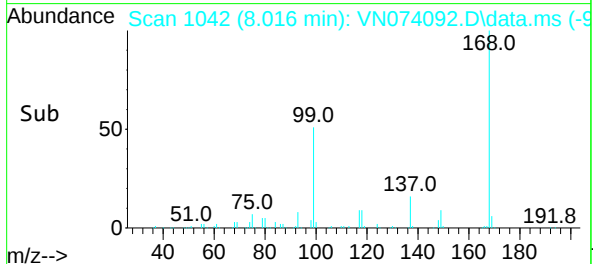
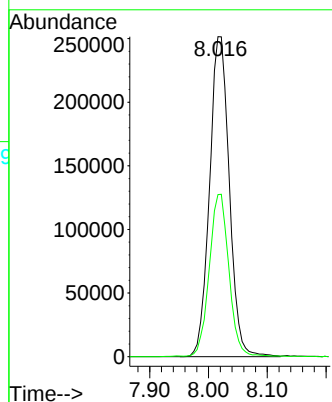
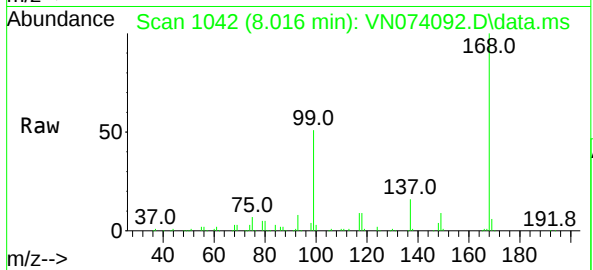




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

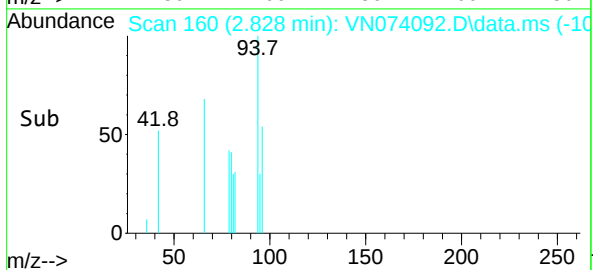
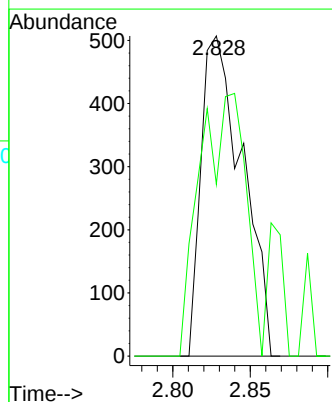
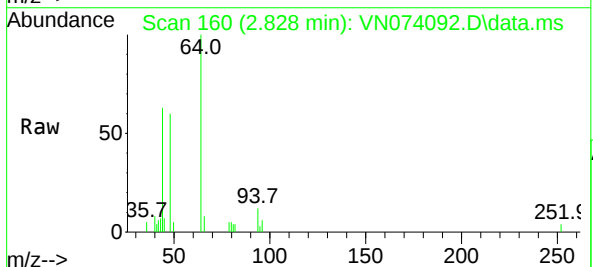
Instrument :
MSVOA_N
ClientSampleId :

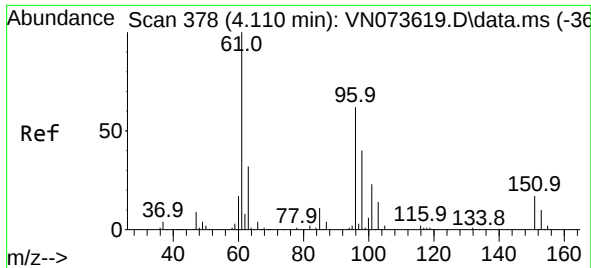
Tgt Ion:168 Resp: 587774
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5



#5
Bromomethane
Concen: 0.226 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.041 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion: 94 Resp: 940
Ion Ratio Lower Upper
94 100
96 53.6 76.0 114.0#





#12

1,1-Dichloroethene

Concen: 0.729 ug/l

RT: 4.116 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN074092.D

Acq: 24 Aug 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

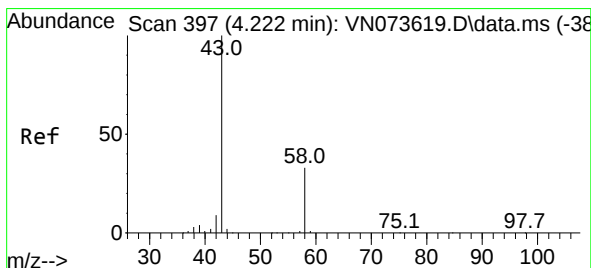
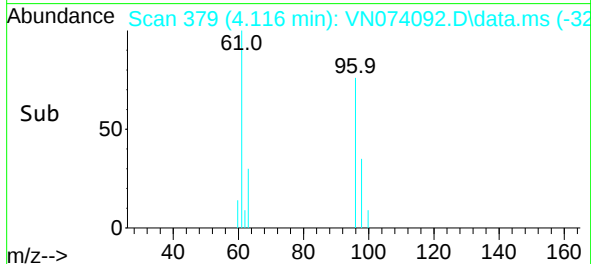
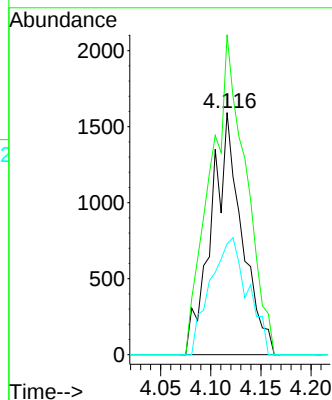
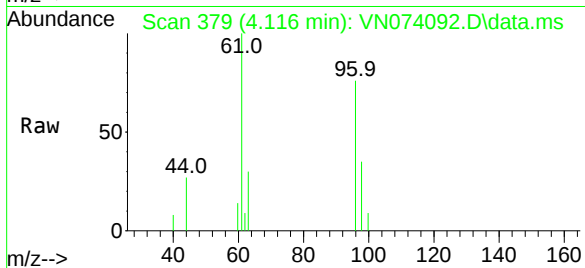
Tgt Ion: 96 Resp: 3380

Ion Ratio Lower Upper

96 100

61 132.2 127.6 191.4

98 45.8 51.2 76.8#



#16

Acetone

Concen: 2.807 ug/l

RT: 4.240 min Scan# 400

Delta R.T. 0.018 min

Lab File: VN074092.D

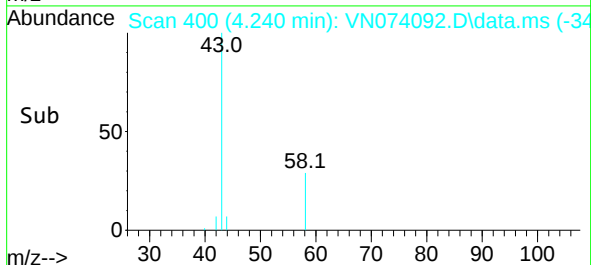
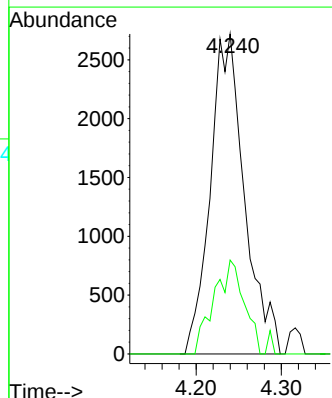
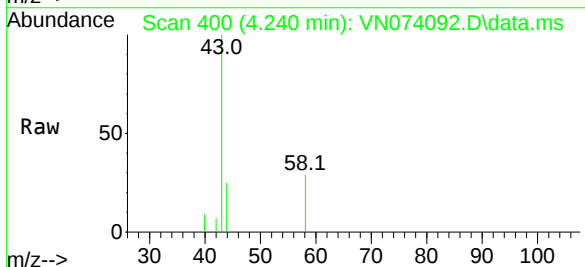
Acq: 24 Aug 2022 15:26

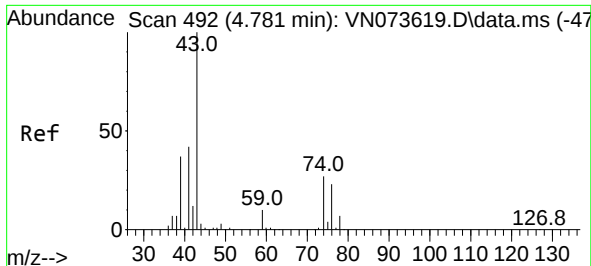
Tgt Ion: 43 Resp: 7581

Ion Ratio Lower Upper

43 100

58 29.3 26.0 39.0

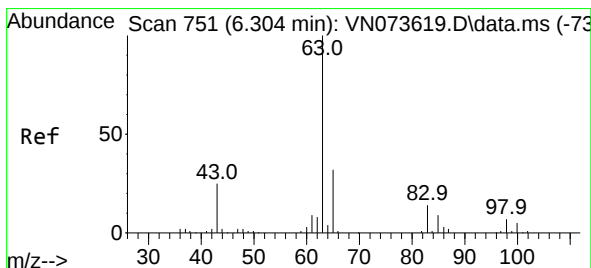
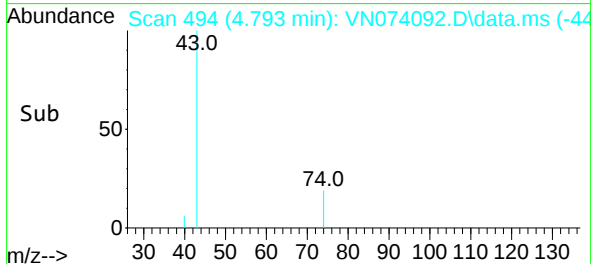
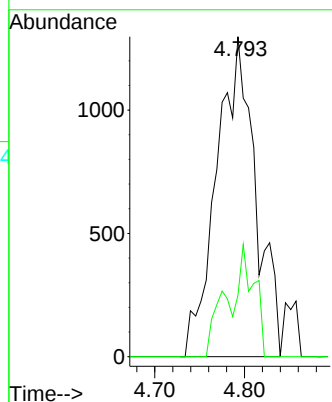
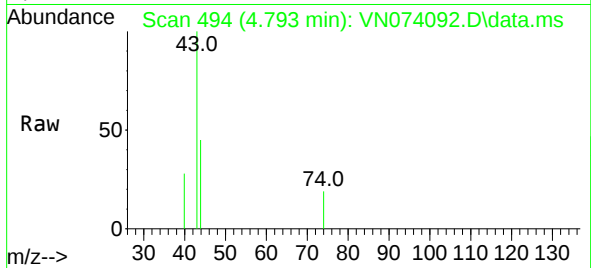




#18
Methyl Acetate
Concen: Below Cal
RT: 4.793 min Scan# 494
Delta R.T. 0.012 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

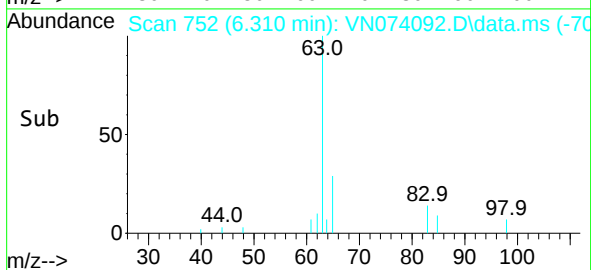
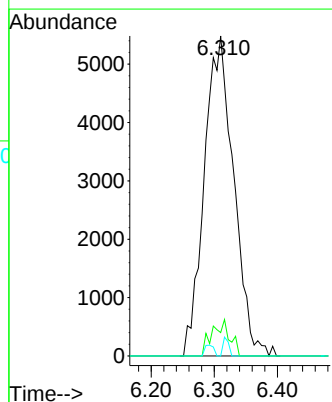
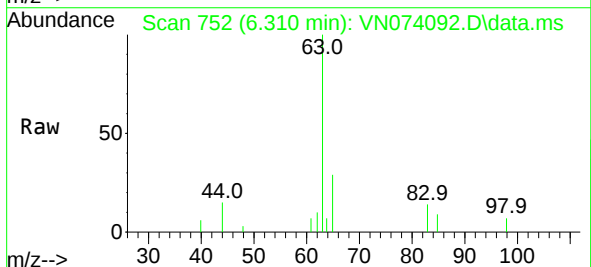
Instrument :
MSVOA_N
ClientSampleId :

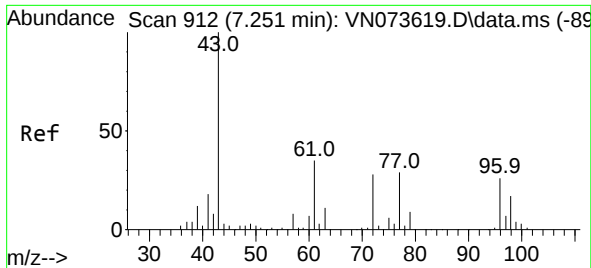
Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
74 14.2 21.6 32.4#



#24
1,1-Dichloroethane
Concen: 1.958 ug/l
RT: 6.310 min Scan# 752
Delta R.T. 0.006 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

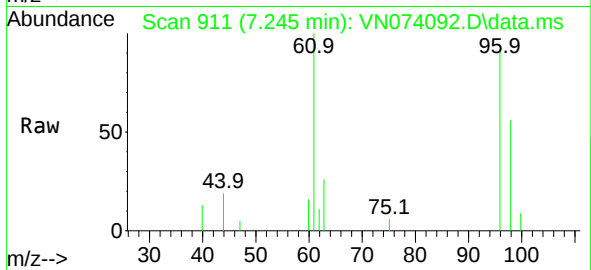
Tgt Ion: 63 Resp: 17754
Ion Ratio Lower Upper
63 100
98 7.3 3.5 10.4
100 0.0 2.3 6.8#



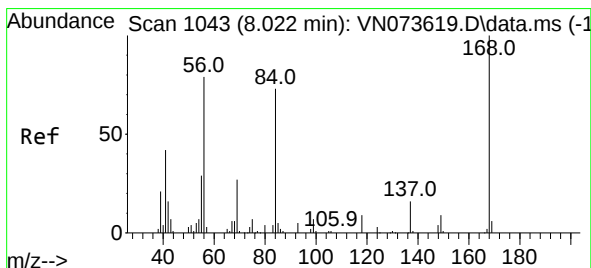
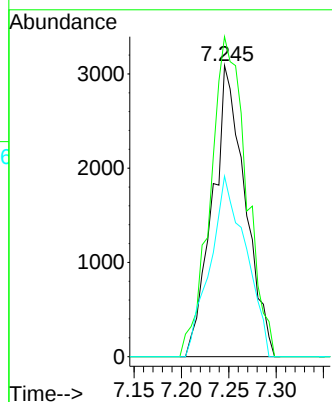
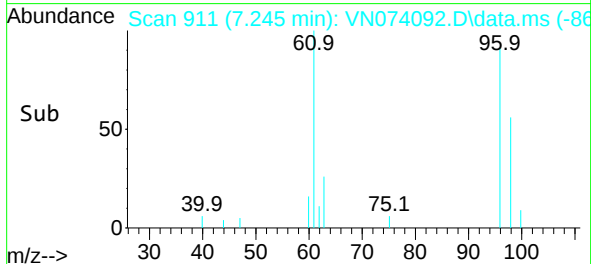


#27
 cis-1,2-Dichloroethene
 Concen: 1.171 ug/l
 RT: 7.245 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN074092.D
 Acq: 24 Aug 2022 15:26

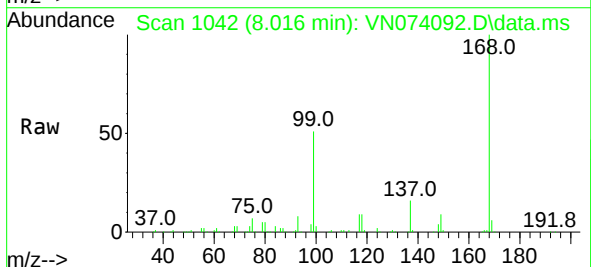
Instrument :
 MSVOA_N
 ClientSampleId :



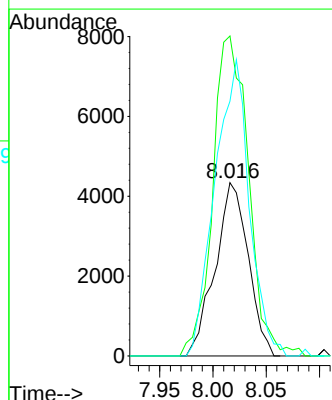
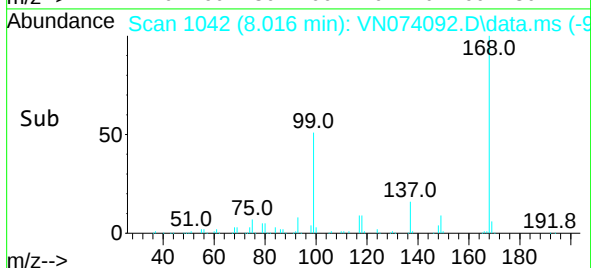
Tgt Ion: 96 Resp: 7385
 Ion Ratio Lower Upper
 96 100
 61 121.7 0.0 280.6
 98 67.7 0.0 128.4

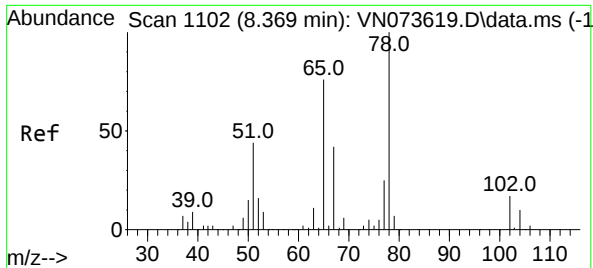


#31
 Cyclohexane
 Concen: 1.174 ug/l
 RT: 8.016 min Scan# 1042
 Delta R.T. -0.006 min
 Lab File: VN074092.D
 Acq: 24 Aug 2022 15:26



Tgt Ion: 56 Resp: 9370
 Ion Ratio Lower Upper
 56 100
 69 184.6 27.8 41.8#
 84 146.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 53.322 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074092.D

Acq: 24 Aug 2022 15:26

Instrument :

MSVOA_N

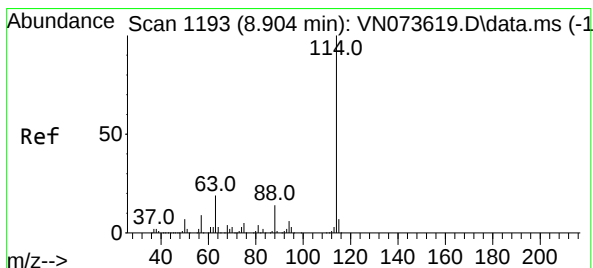
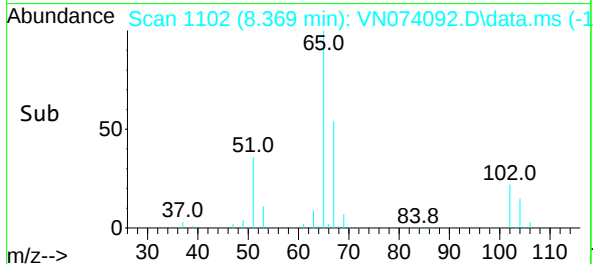
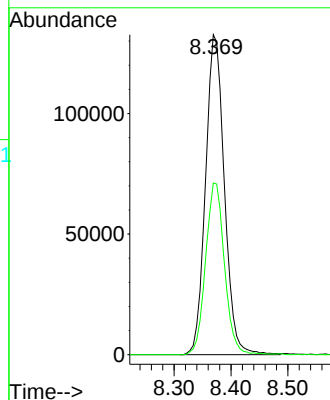
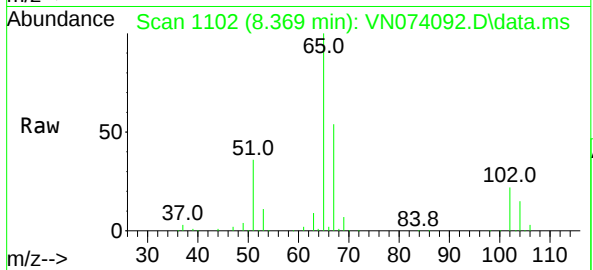
ClientSampleId :

Tgt Ion: 65 Resp: 305260

Ion Ratio Lower Upper

65 100

67 53.8 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: VN074092.D

Acq: 24 Aug 2022 15:26

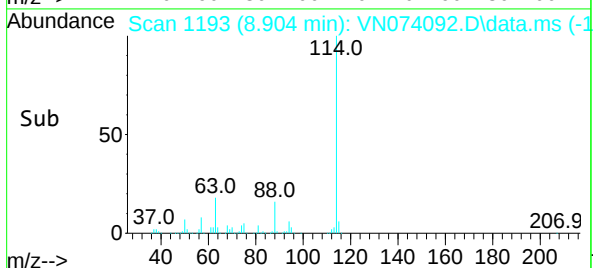
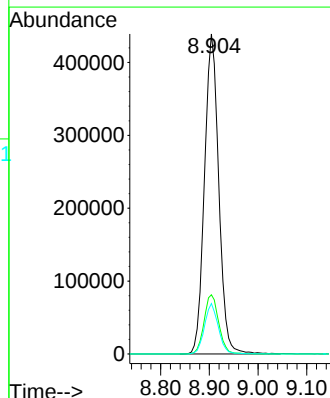
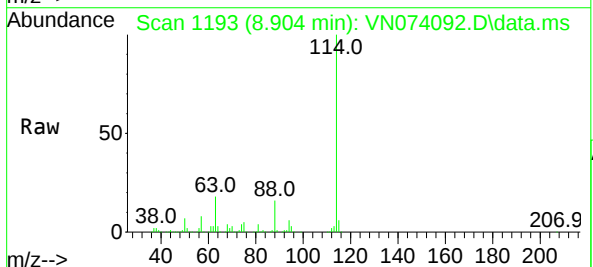
Tgt Ion: 114 Resp: 892234

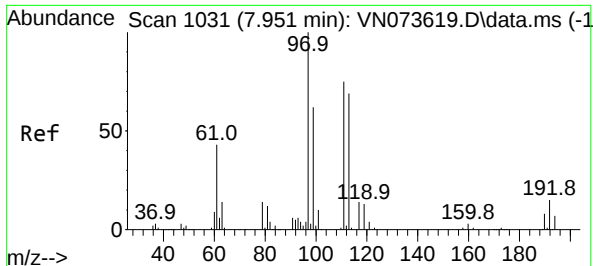
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.819 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. 0.000 min

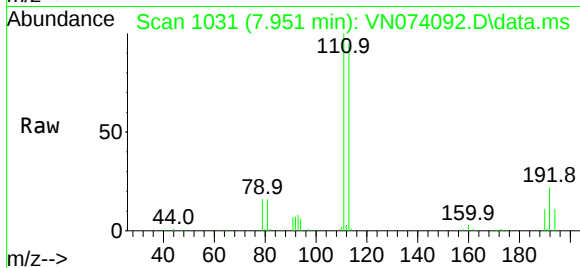
Lab File: VN074092.D

Acq: 24 Aug 2022 15:26

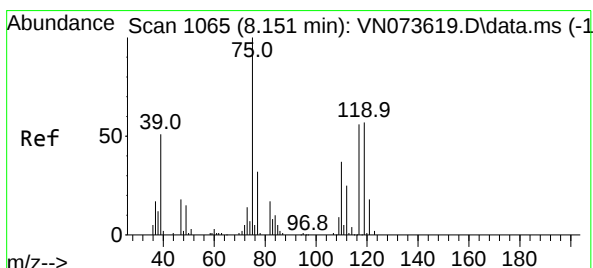
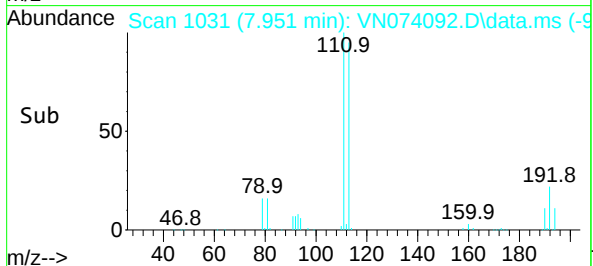
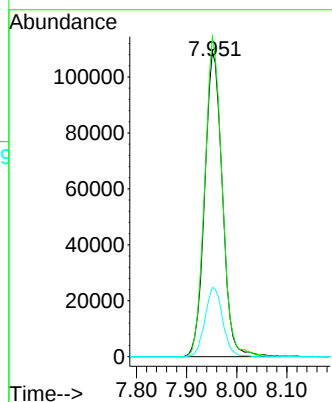
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	268152
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	22.6	17.0	25.6



#36

1,1-Dichloropropene

Concen: 5.301 ug/l

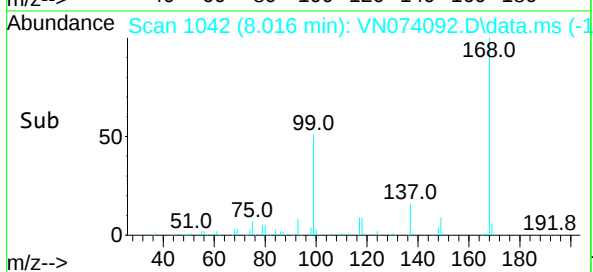
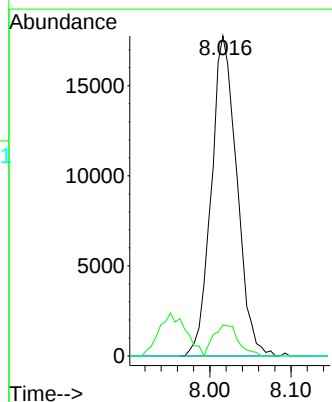
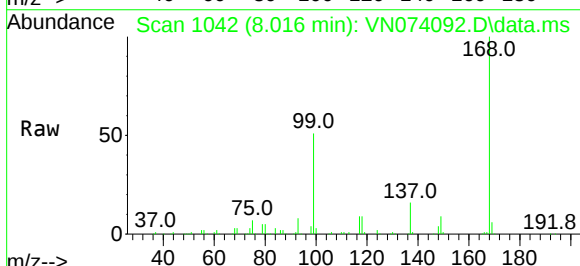
RT: 8.016 min Scan# 1042

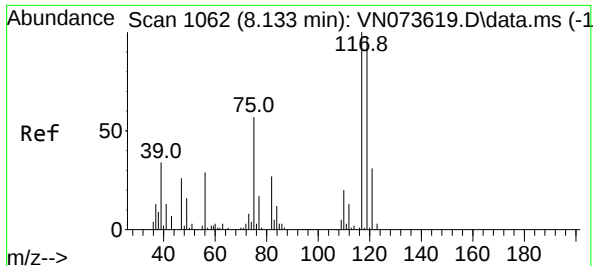
Delta R.T. -0.135 min

Lab File: VN074092.D

Acq: 24 Aug 2022 15:26

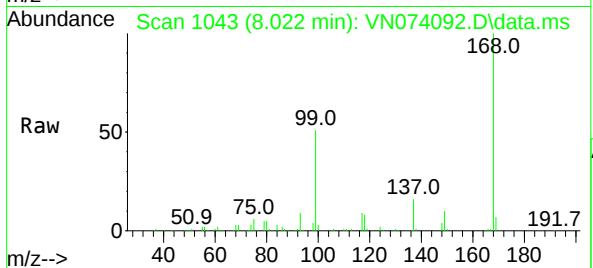
Tgt Ion:	75	Resp:	38849
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.8#
77	0.0	25.1	37.7#



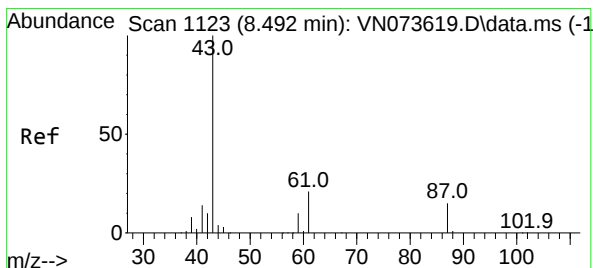
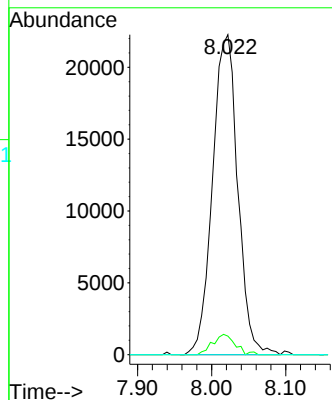
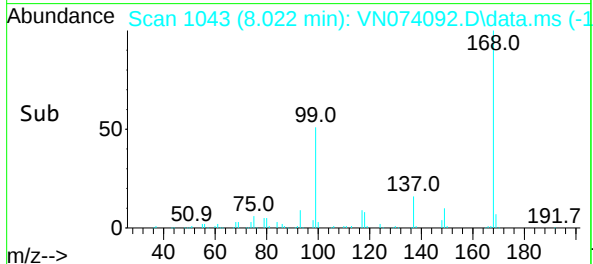


#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 8.022 min Scan# 1109
Delta R.T. -0.111 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

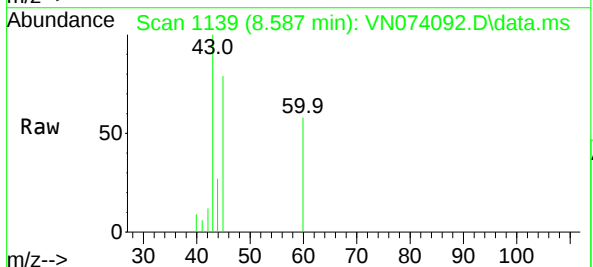
Instrument :
MSVOA_N
ClientSampleId :



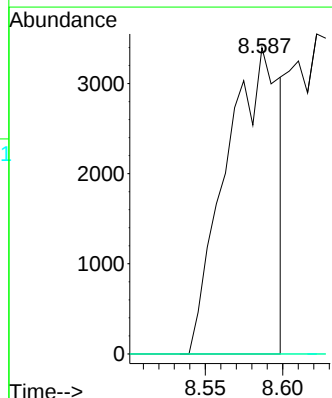
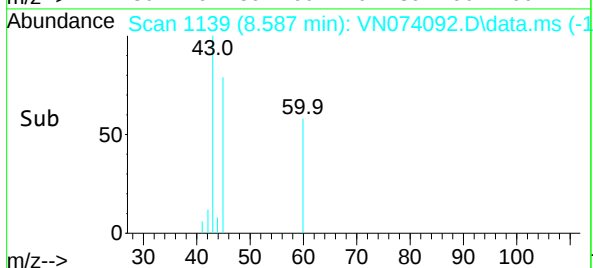
Tgt Ion:117 Resp: 52631
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#

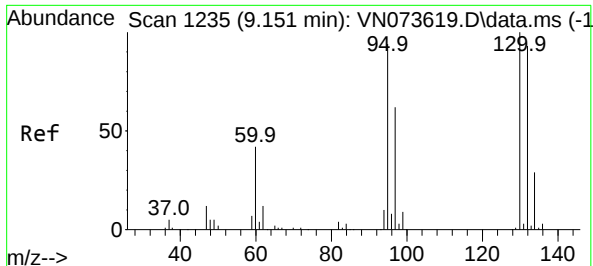


#43
Isopropyl Acetate
Concen: 0.644 ug/l
RT: 8.587 min Scan# 1139
Delta R.T. 0.095 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26



Tgt Ion: 43 Resp: 8144
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

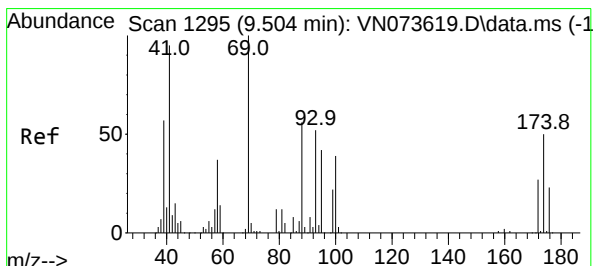
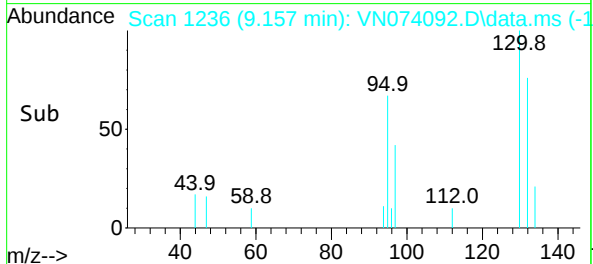
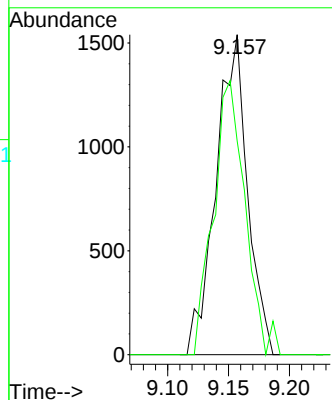
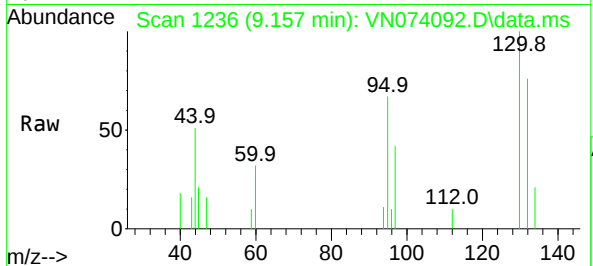




#44
Trichloroethene
Concen: 0.416 ug/l
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

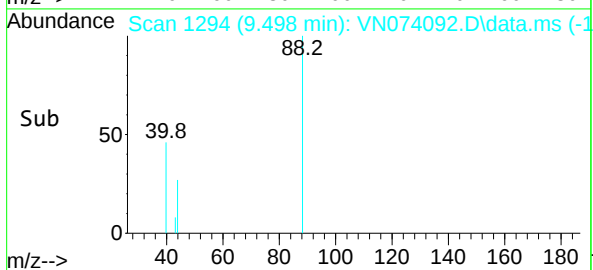
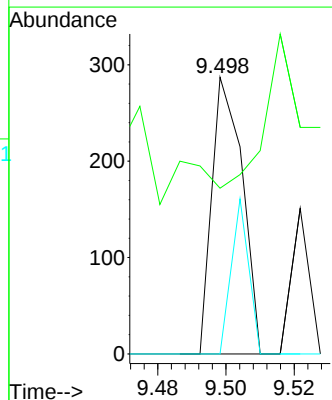
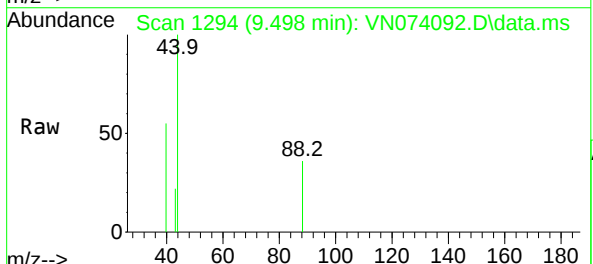
Instrument :
MSVOA_N
ClientSampleId :

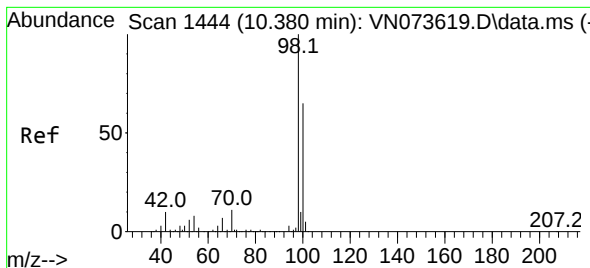
Tgt Ion:130 Resp: 2781
Ion Ratio Lower Upper
130 100
95 66.8 0.0 186.8



#49
1,4-Dioxane
Concen: 1.100 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion: 88 Resp: 177
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 32.2 54.2 81.4#





#50

Toluene-d8

Concen: 48.615 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.001 min

Lab File: VN074092.D

Acq: 24 Aug 2022 15:26

Instrument :

MSVOA_N

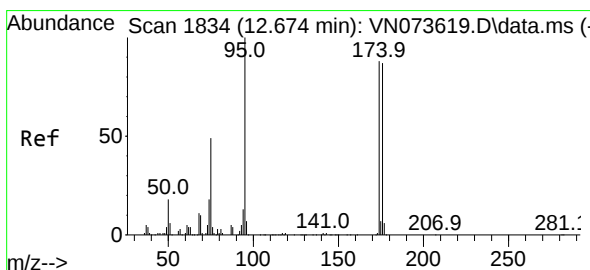
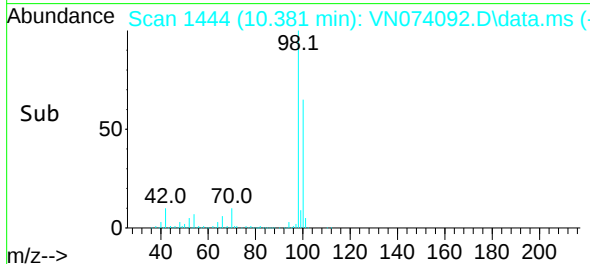
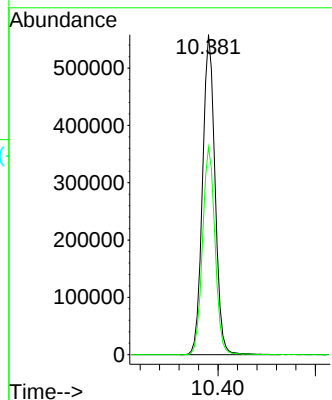
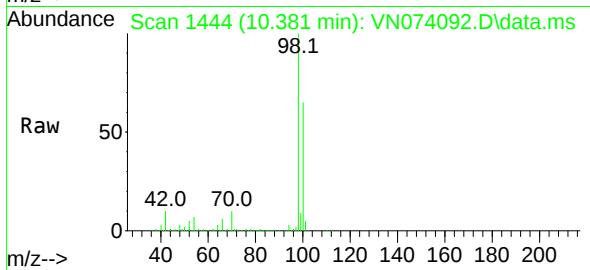
ClientSampleId :

Tgt Ion: 98 Resp: 993482

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.982 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. -0.005 min

Lab File: VN074092.D

Acq: 24 Aug 2022 15:26

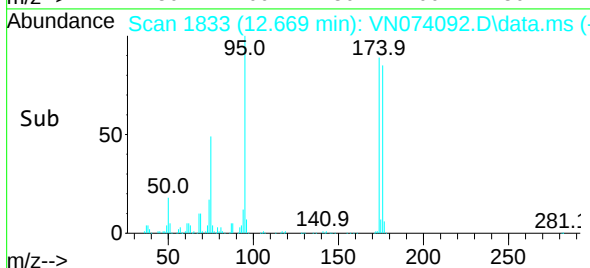
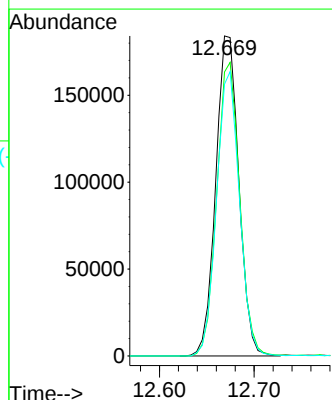
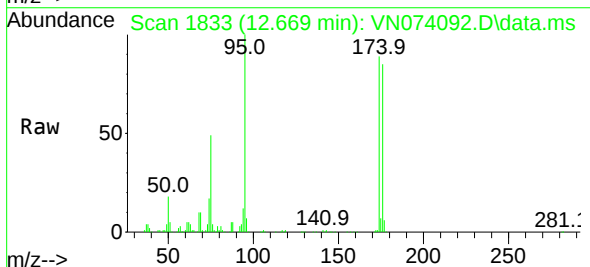
Tgt Ion: 95 Resp: 311861

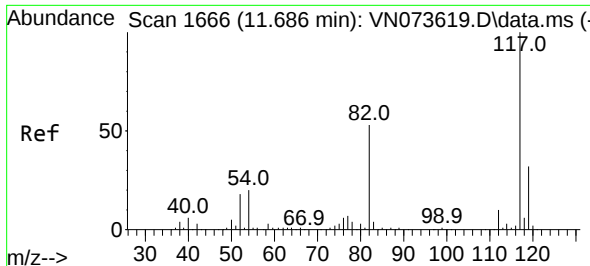
Ion Ratio Lower Upper

95 100

174 91.3 0.0 167.6

176 87.8 0.0 163.4

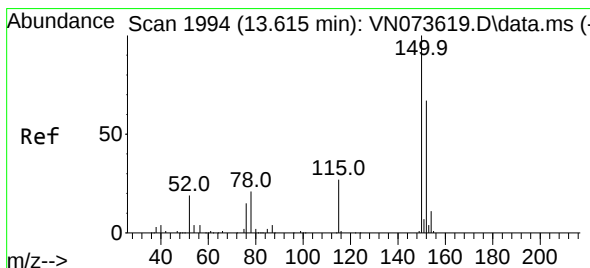
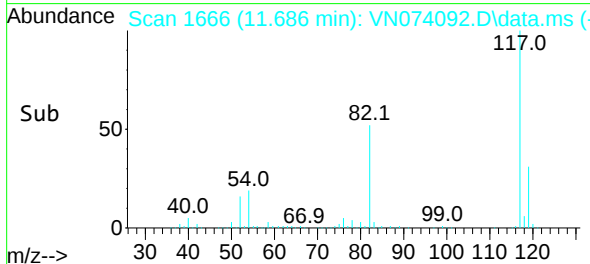
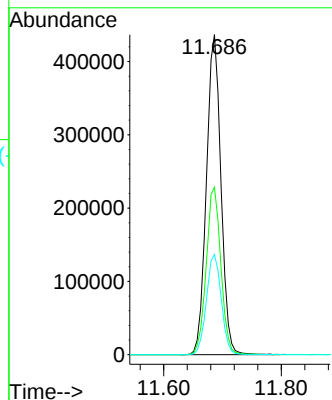
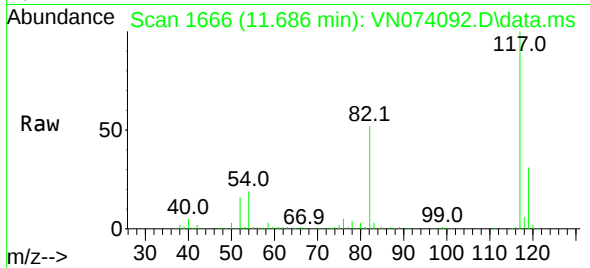




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

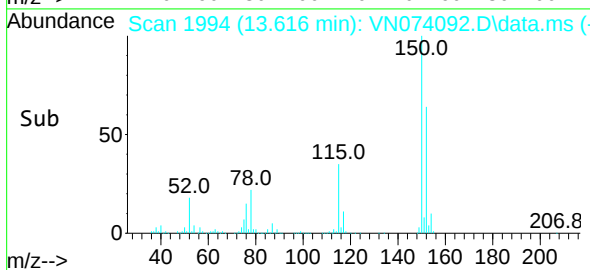
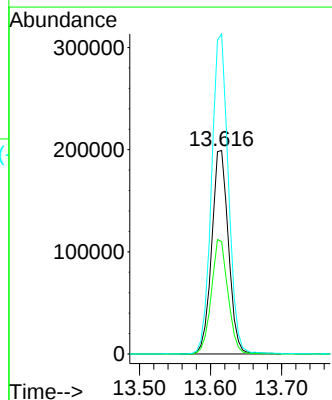
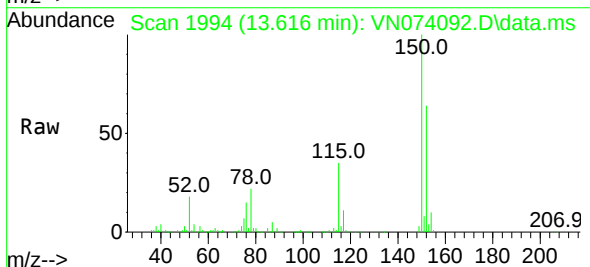
Instrument :
MSVOA_N
ClientSampleId :

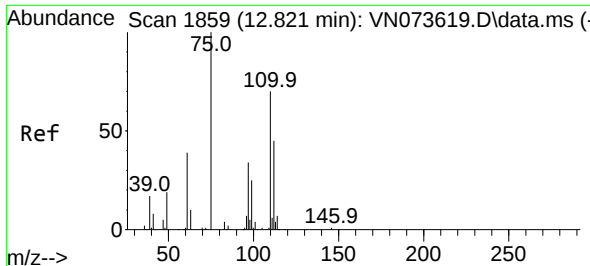
Tgt Ion:117 Resp: 750896
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion:152 Resp: 326553
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 158.2 0.0 356.2

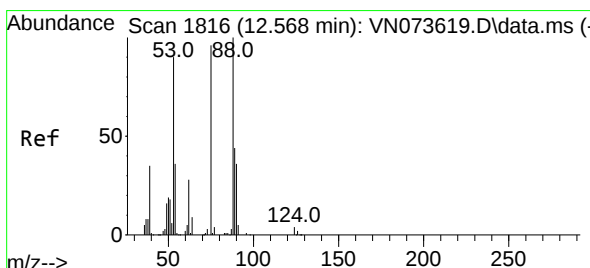
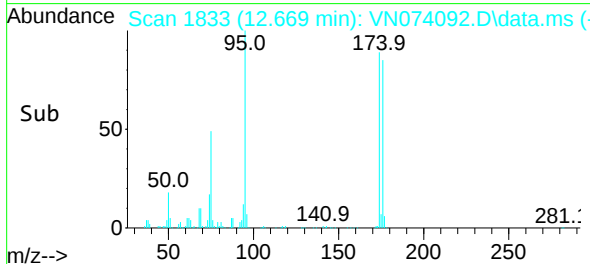
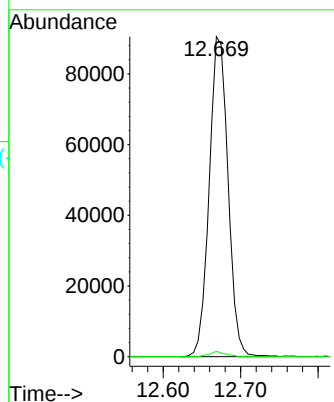
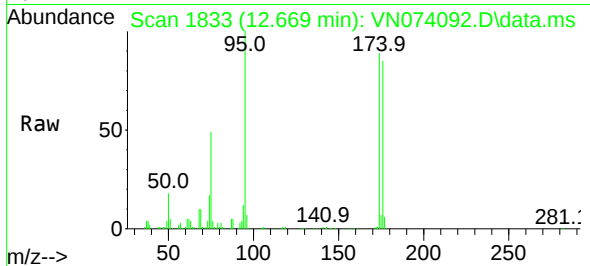




#76
1,2,3-Trichloropropane
Concen: 22.482 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 152597
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.944 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.101 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion: 75 Resp: 152597
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

