

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074153.D
 Acq On : 26 Aug 2022 23:36
 Operator : JC\MD
 Sample : VN0826WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 27 00:24:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

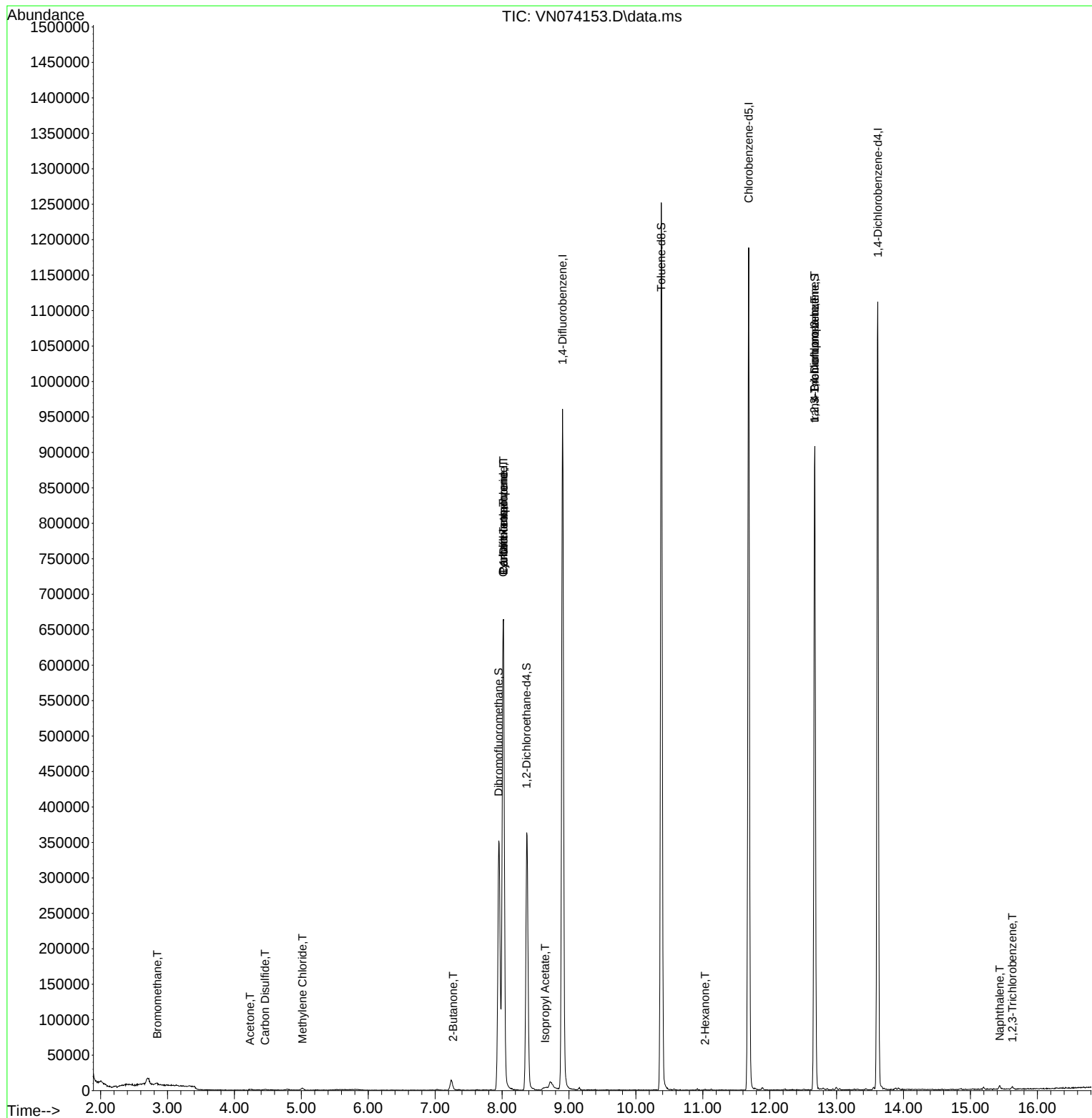
Internal Standards						
1) Pentafluorobenzene	8.022	168	566405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	885486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	701443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	318684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305324	55.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.680%			
35) Dibromofluoromethane	7.951	113	259404	49.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.080%			
50) Toluene-d8	10.380	98	877817	43.282	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 86.560%			
62) 4-Bromofluorobenzene	12.674	95	303731	45.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.240%			
Target Compounds						Qvalue
5) Bromomethane	2.846	94	2435	0.608	ug/l	88
16) Acetone	4.234	43	1838	0.706	ug/l #	82
17) Carbon Disulfide	4.457	76	2627	0.247	ug/l #	75
18) Methyl Acetate	4.787	43	2975	Below Cal	#	60
20) Methylene Chloride	5.016	84	2463	0.448	ug/l #	68
25) 2-Butanone	7.269	43	1112	0.269	ug/l #	45
31) Cyclohexane	8.016	56	10227	1.330	ug/l #	1
36) 1,1-Dichloropropene	8.022	75	36511	5.020	ug/l #	49
38) Carbon Tetrachloride	8.022	117	50767	6.106	ug/l #	18
43) Isopropyl Acetate	8.645	43	3643	0.290	ug/l #	53
59) 2-Hexanone	11.033	43	1343	0.206	ug/l	72
76) 1,2,3-Trichloropropane	12.668	75	149049	22.502	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	149049	64.000	ug/l #	10
95) Naphthalene	15.439	128	5199	0.233	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.627	180	1441	0.204	ug/l	83

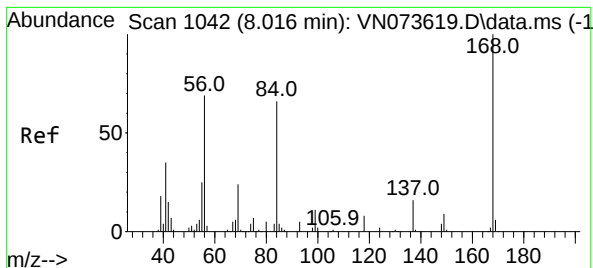
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
Data File : VN074153.D
Acq On : 26 Aug 2022 23:36
Operator : JC\MD
Sample : VN0826WBL02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Aug 27 00:24:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 06:44:47 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.022 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074153.D

Acq: 26 Aug 2022 23:36

Instrument :

MSVOA_N

ClientSampleId :

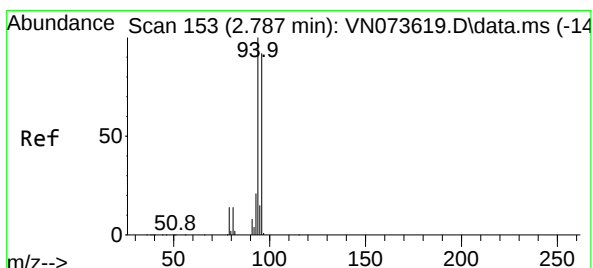
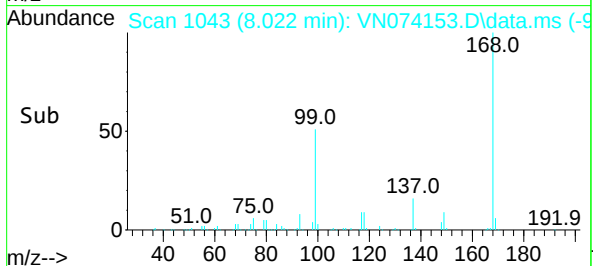
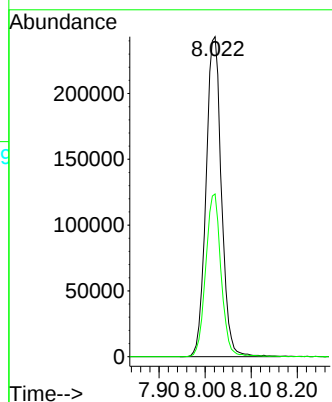
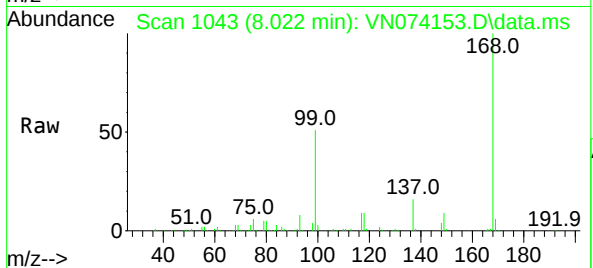
VSTDICC005

Tgt Ion:168 Resp: 566405

Ion Ratio Lower Upper

168 100

99 50.9 42.3 63.5



#5

Bromomethane

Concen: 0.608 ug/l

RT: 2.846 min Scan# 163

Delta R.T. 0.059 min

Lab File: VN074153.D

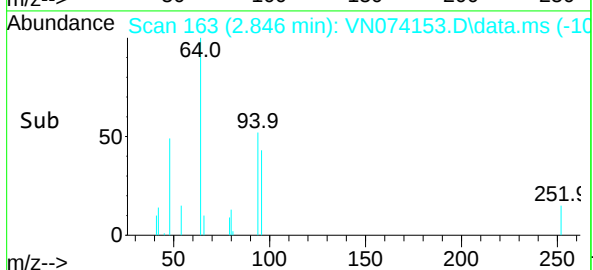
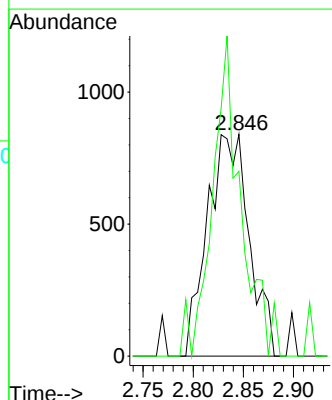
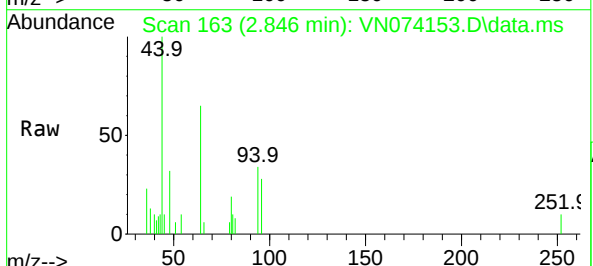
Acq: 26 Aug 2022 23:36

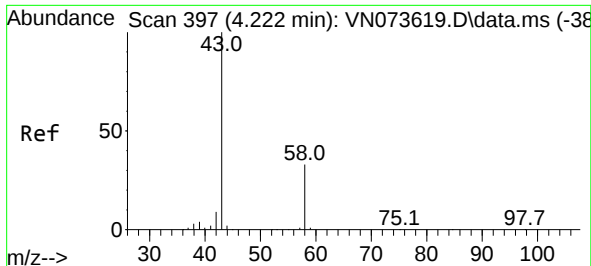
Tgt Ion: 94 Resp: 2435

Ion Ratio Lower Upper

94 100

96 83.3 76.0 114.0





#16

Acetone

Concen: 0.706 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN074153.D

Acq: 26 Aug 2022 23:36

Instrument :

MSVOA_N

ClientSampleId :

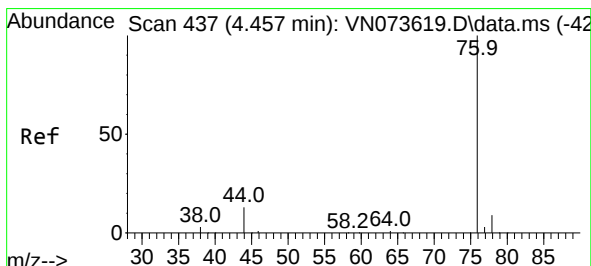
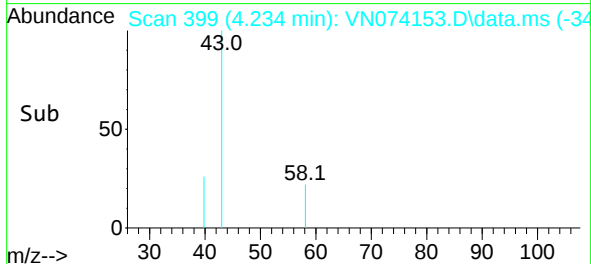
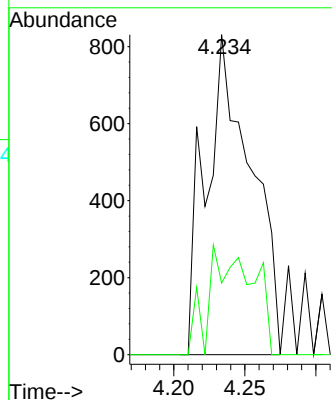
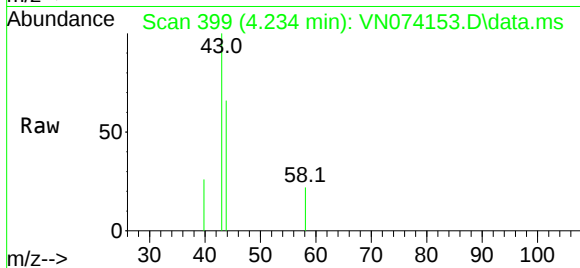
VSTDIC005

Tgt Ion: 43 Resp: 1838

Ion Ratio Lower Upper

43 100

58 22.4 26.0 39.0#



#17

Carbon Disulfide

Concen: 0.247 ug/l

RT: 4.457 min Scan# 437

Delta R.T. 0.000 min

Lab File: VN074153.D

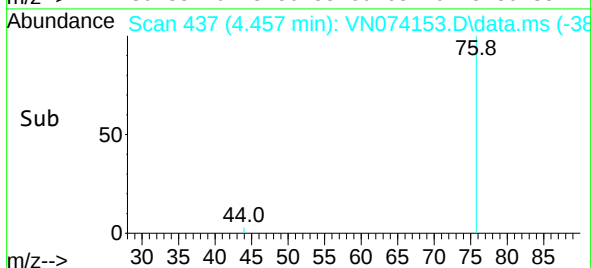
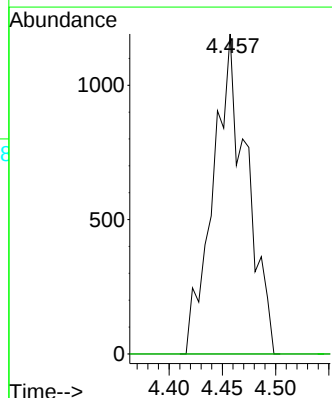
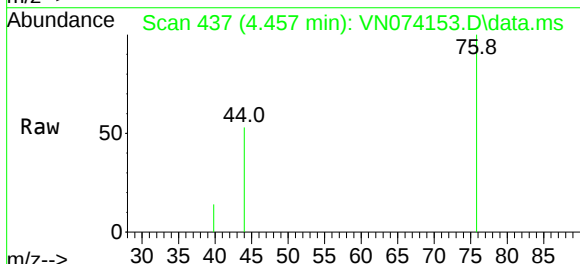
Acq: 26 Aug 2022 23:36

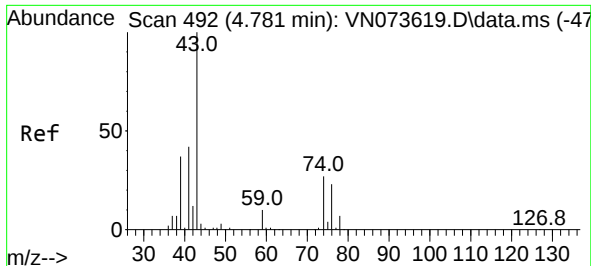
Tgt Ion: 76 Resp: 2627

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

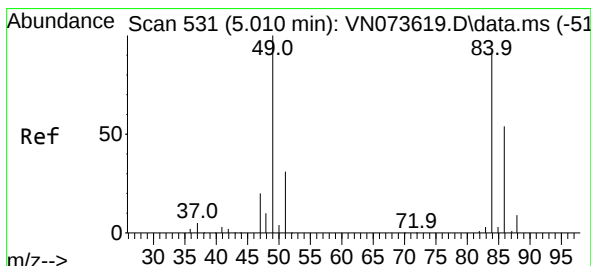
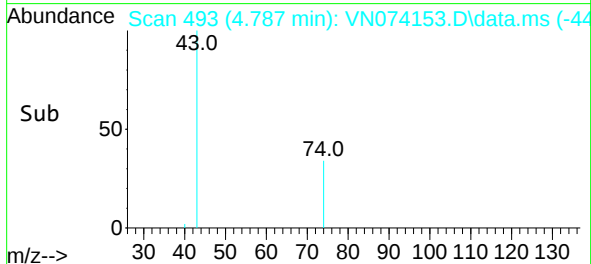
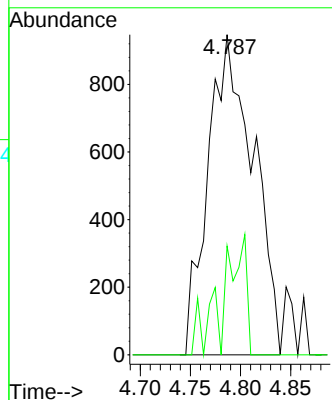
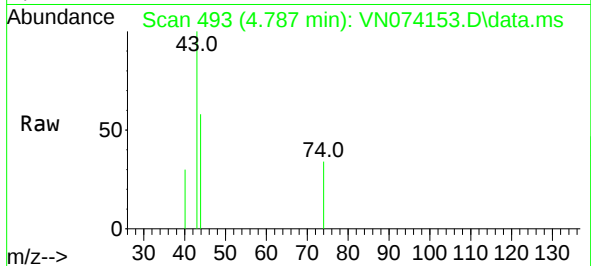




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

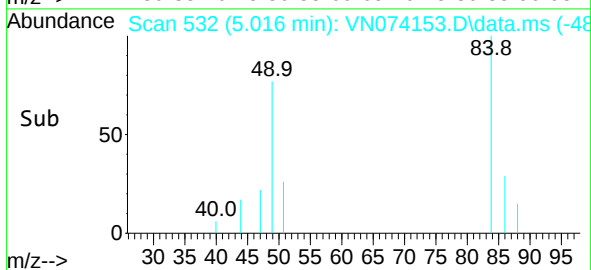
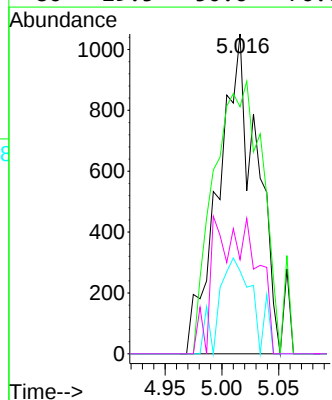
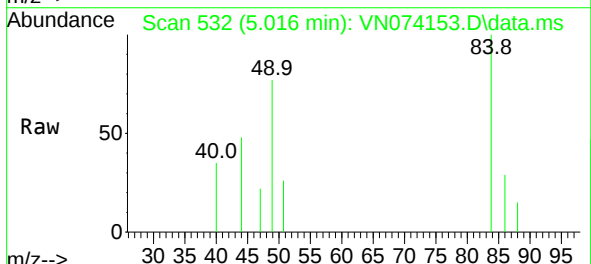
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

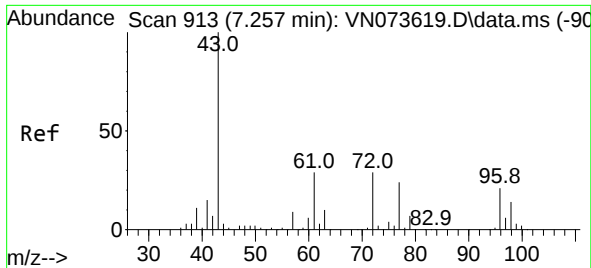
Tgt Ion: 43 Resp: 2975
Ion Ratio Lower Upper
43 100
74 6.1 21.6 32.4#



#20
Methylene Chloride
Concen: 0.448 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

Tgt Ion: 84 Resp: 2463
Ion Ratio Lower Upper
84 100
49 77.3 88.3 132.5#
51 25.9 28.2 42.2#
86 29.5 50.6 76.0#

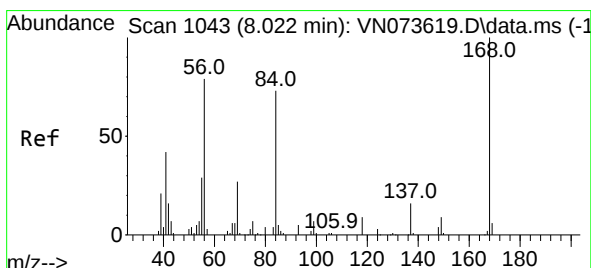
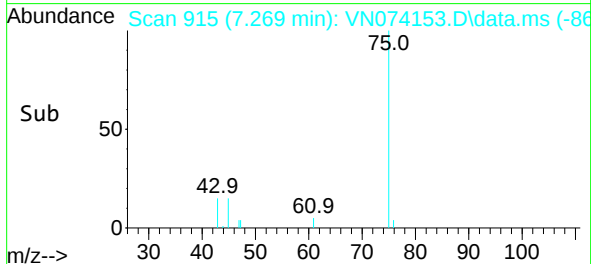
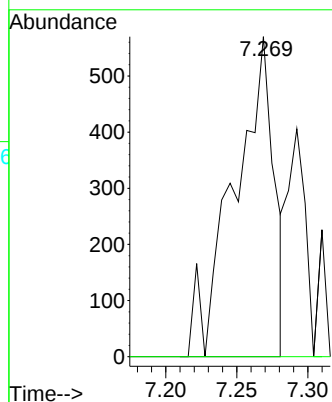
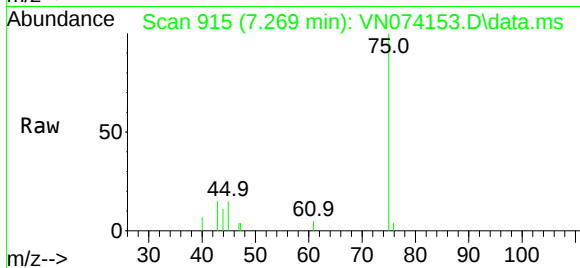




#25
2-Butanone
Concen: 0.269 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

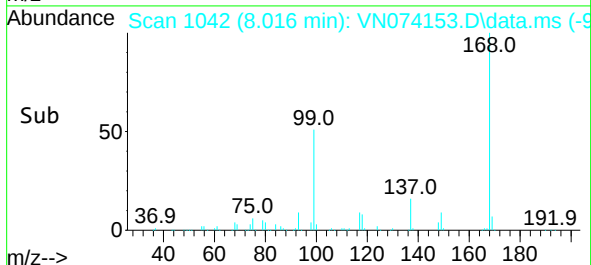
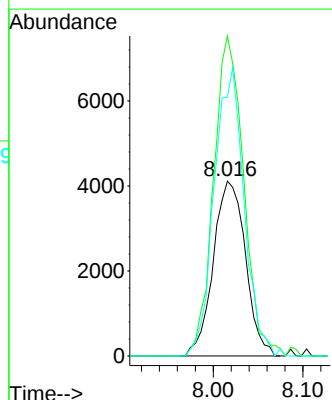
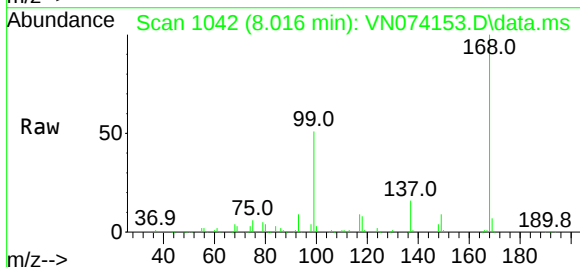
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

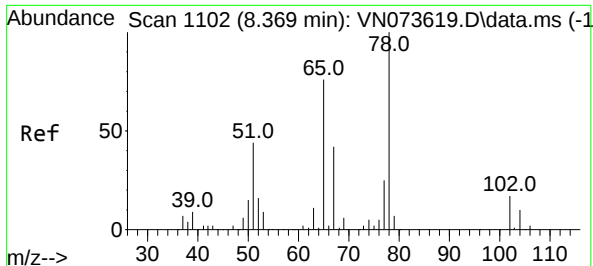
Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

Tgt Ion: 56 Resp: 10227
Ion Ratio Lower Upper
56 100
69 183.0 27.8 41.8#
84 148.1 76.9 115.3#

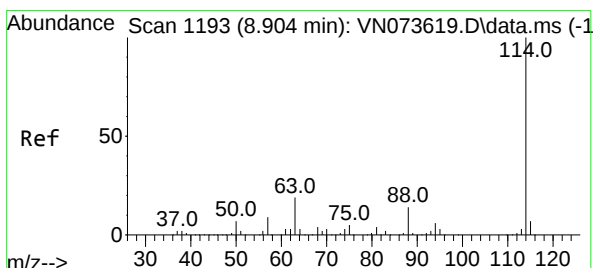
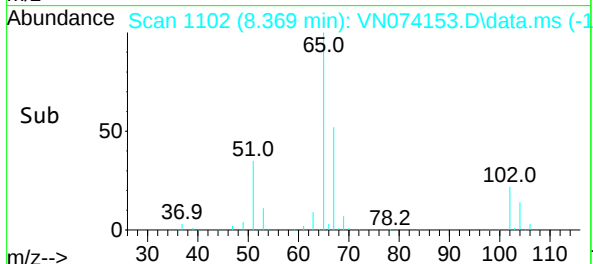
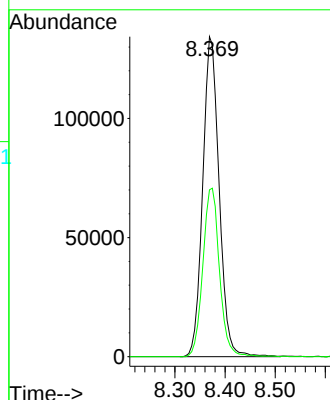
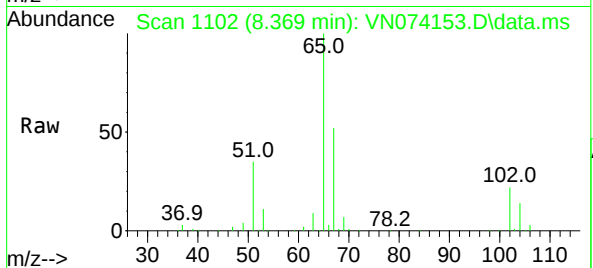




#33
1,2-Dichloroethane-d4
Concen: 55.345 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

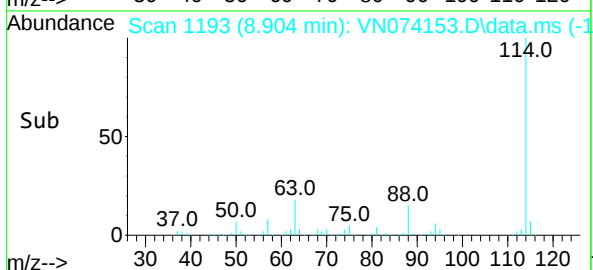
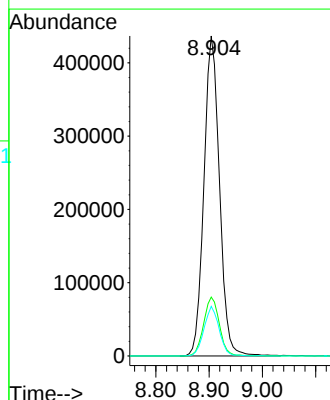
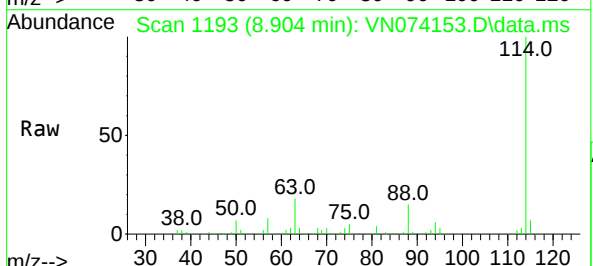
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

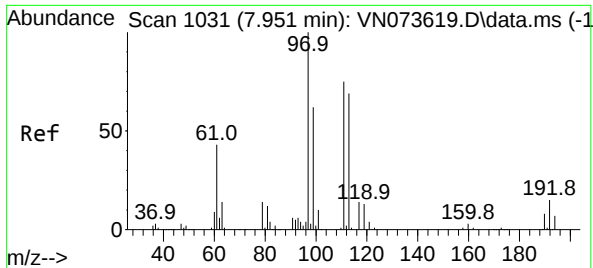
Tgt Ion: 65 Resp: 305324
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

Tgt Ion: 114 Resp: 885486
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.536 ug/l

RT: 7.951 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN074153.D

Acq: 26 Aug 2022 23:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

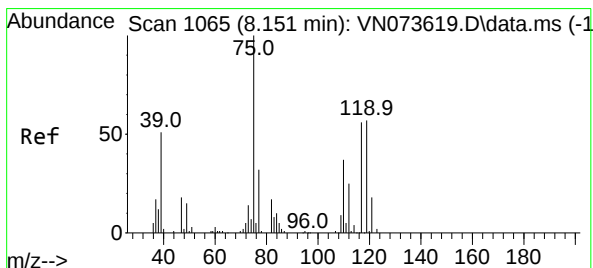
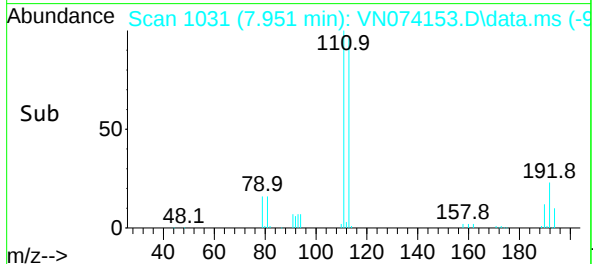
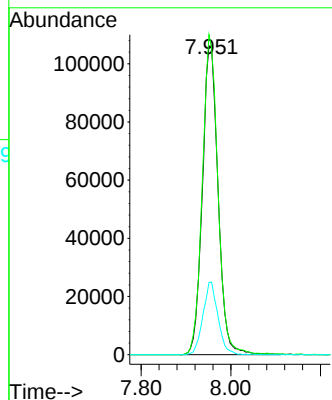
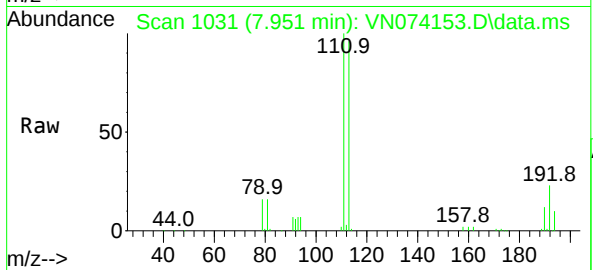
Tgt Ion:113 Resp: 259404

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 22.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.020 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN074153.D

Acq: 26 Aug 2022 23:36

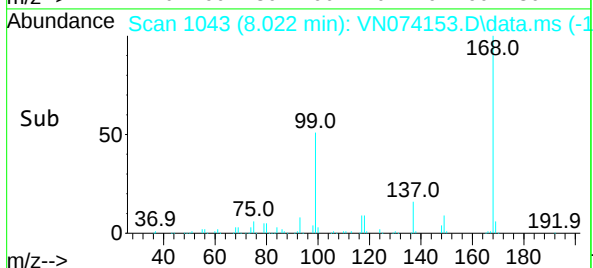
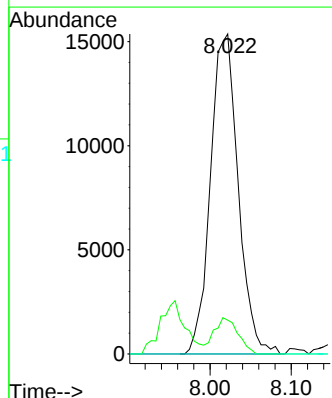
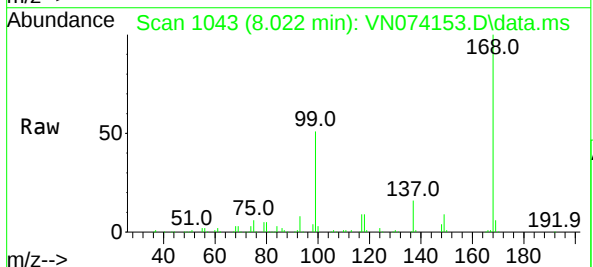
Tgt Ion: 75 Resp: 36511

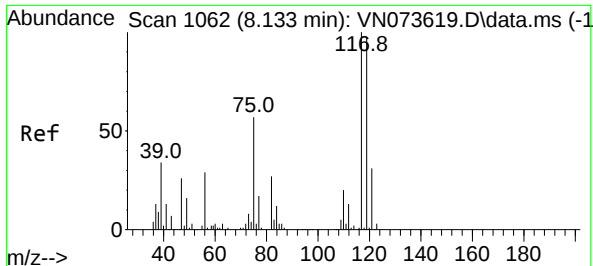
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

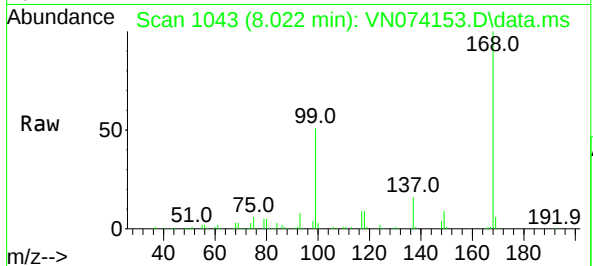
77 0.0 25.1 37.7#



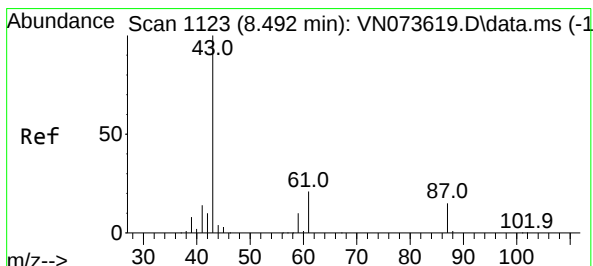
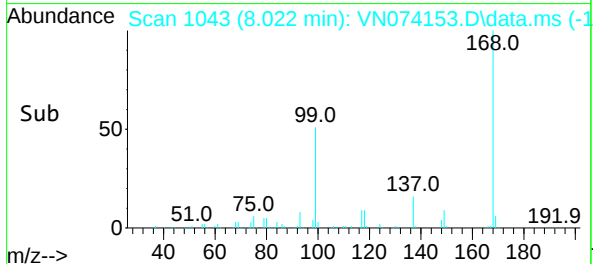
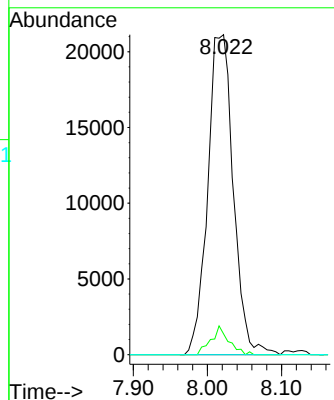


#38
Carbon Tetrachloride
Concen: 6.106 ug/l
RT: 8.022 min Scan# 1149
Delta R.T. -0.111 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

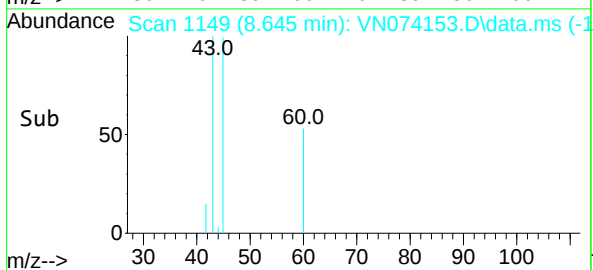
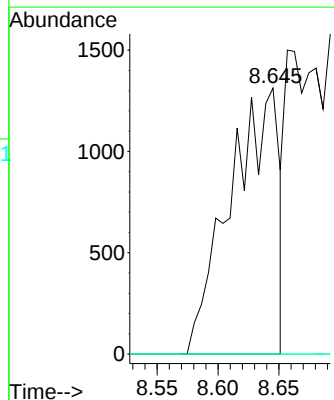
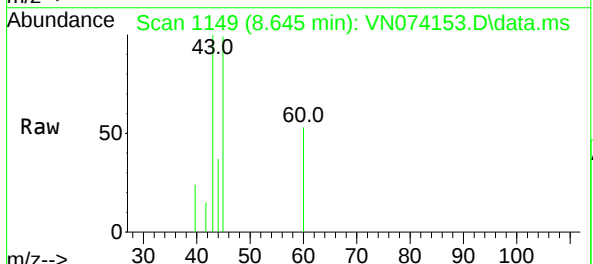


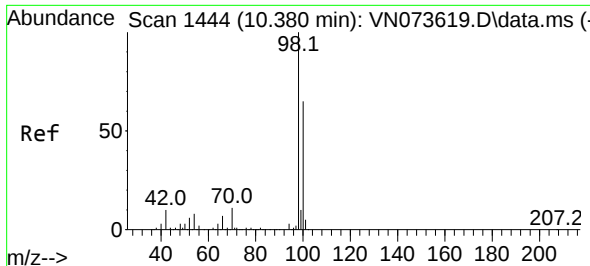
Tgt Ion:117 Resp: 50767
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.290 ug/l
RT: 8.645 min Scan# 1149
Delta R.T. 0.153 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

Tgt Ion: 43 Resp: 3643
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

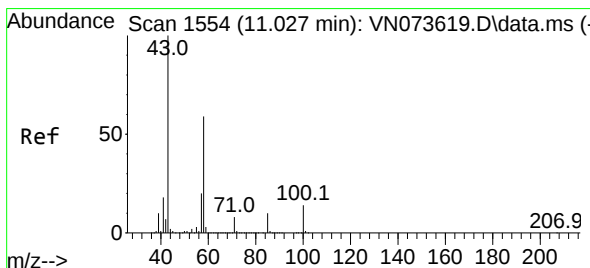
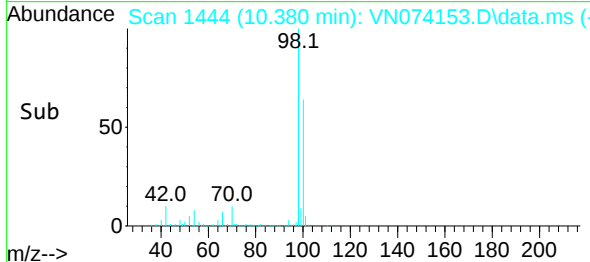
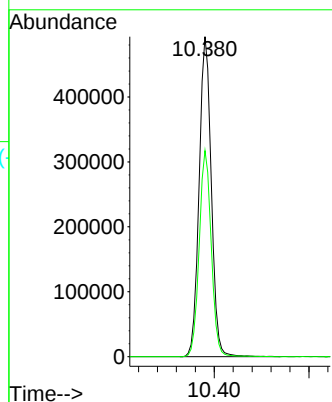
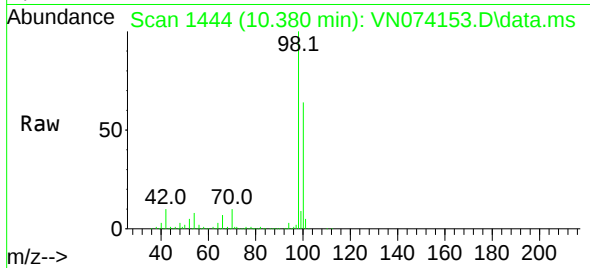




#50
Toluene-d8
Concen: 43.282 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

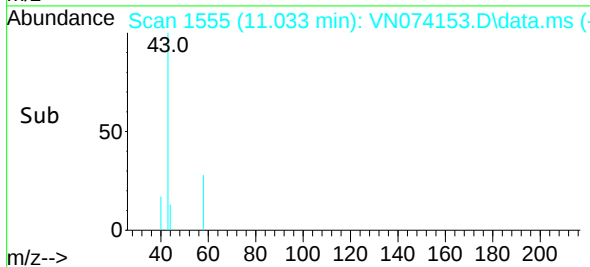
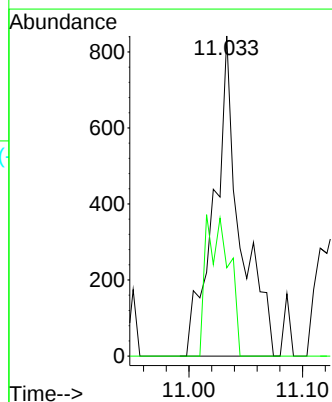
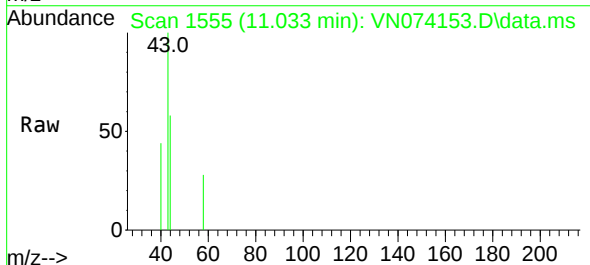
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

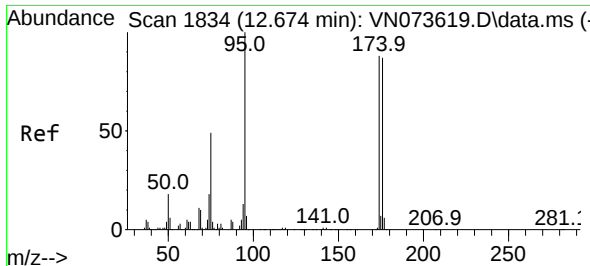
Tgt Ion: 98 Resp: 877817
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#59
2-Hexanone
Concen: 0.206 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
58 38.5 29.7 89.1

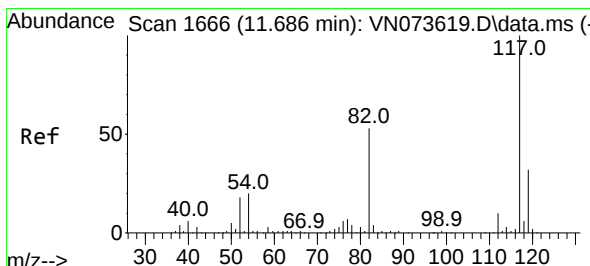
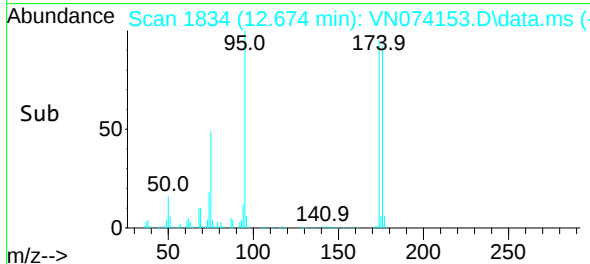
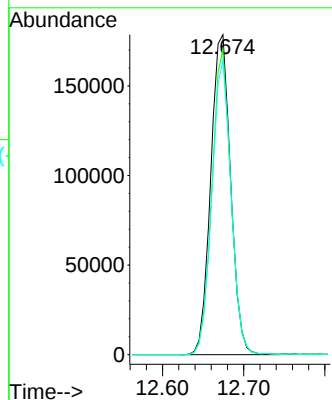
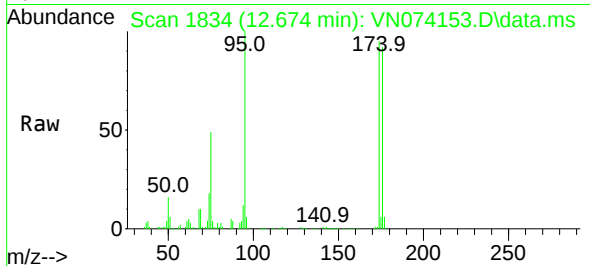




#62
4-Bromofluorobenzene
Concen: 45.125 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

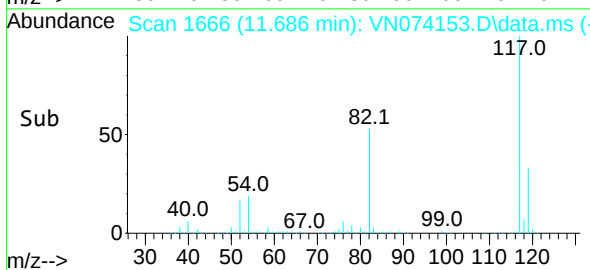
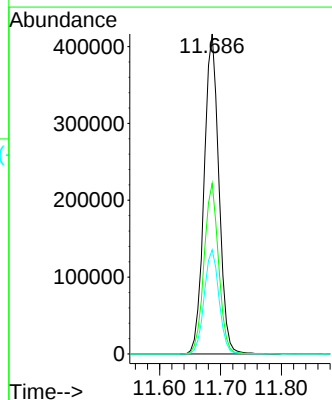
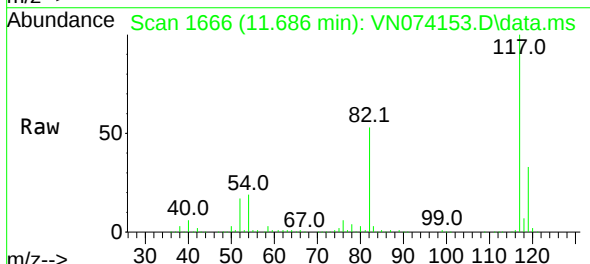
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

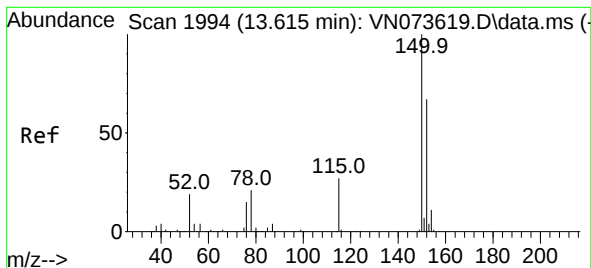
Tgt Ion: 95 Resp: 303731
Ion Ratio Lower Upper
95 100
174 91.4 0.0 167.6
176 88.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074153.D
Acq: 26 Aug 2022 23:36

Tgt Ion: 117 Resp: 701443
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074153.D

Acq: 26 Aug 2022 23:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

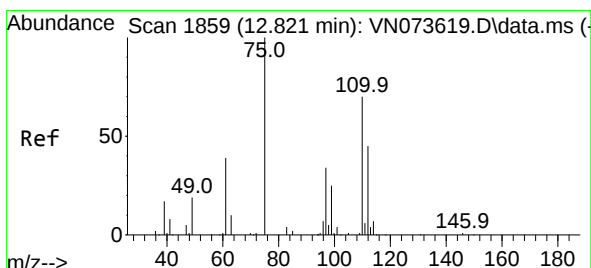
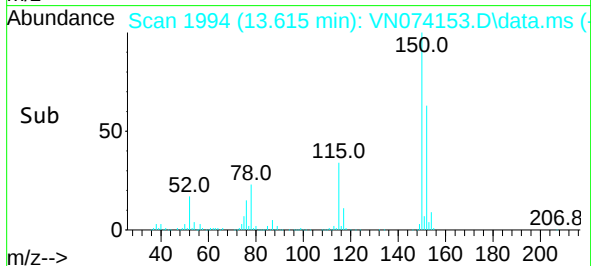
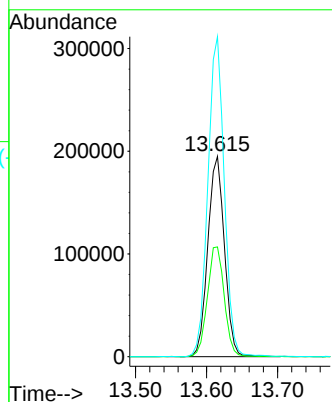
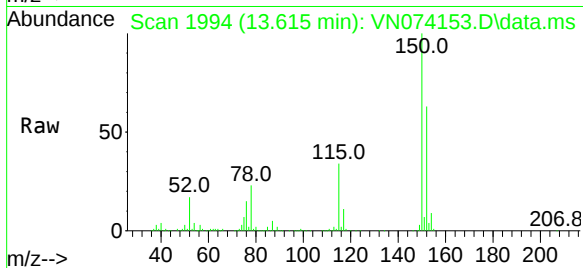
Tgt Ion:152 Resp: 318684

Ion Ratio Lower Upper

152 100

115 55.6 28.9 86.7

150 157.4 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 22.502 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.153 min

Lab File: VN074153.D

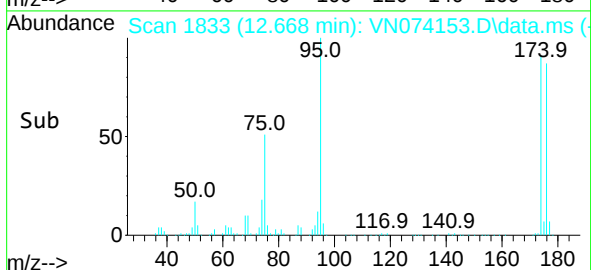
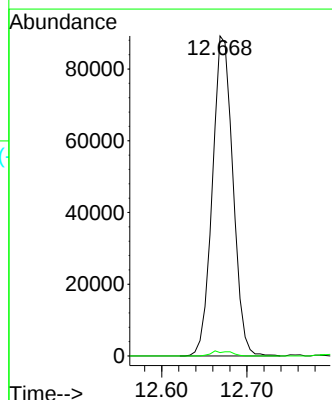
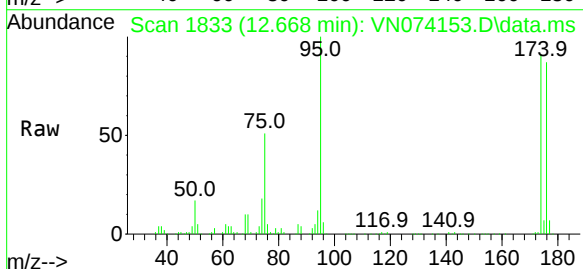
Acq: 26 Aug 2022 23:36

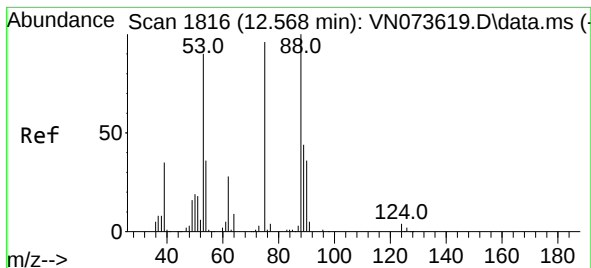
Tgt Ion: 75 Resp: 149049

Ion Ratio Lower Upper

75 100

77 1.5 98.5 295.5#

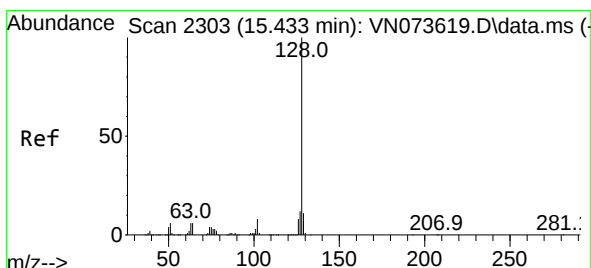
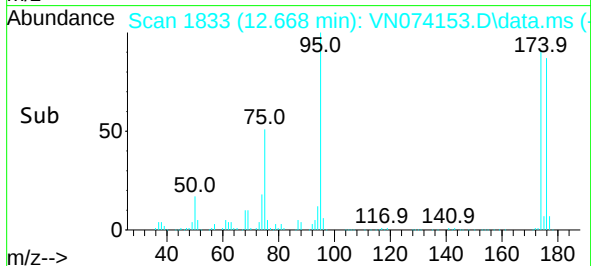
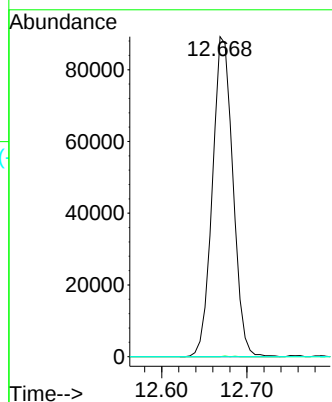
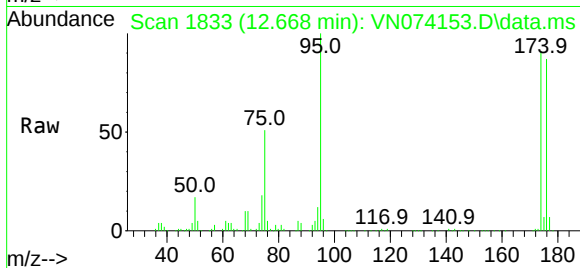




#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.000 ug/l
 RT: 12.668 min Scan# 1816
 Delta R.T. 0.100 min
 Lab File: VN074153.D
 Acq: 26 Aug 2022 23:36

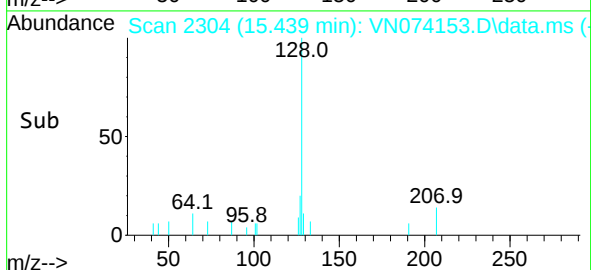
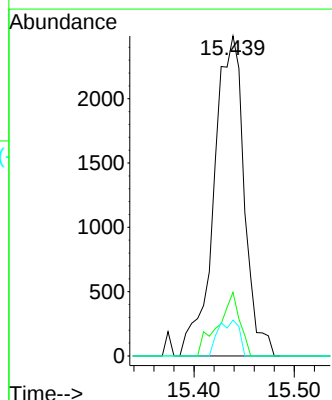
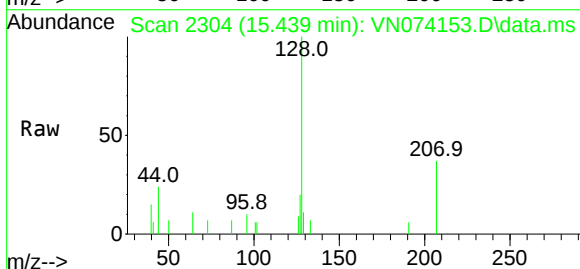
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

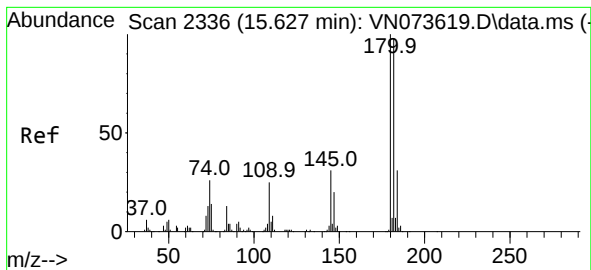
Tgt Ion: 75 Resp: 149049
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#



#95
 Naphthalene
 Concen: 0.233 ug/l
 RT: 15.439 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN074153.D
 Acq: 26 Aug 2022 23:36

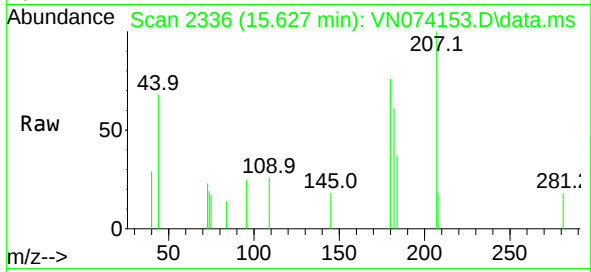
Tgt Ion:128 Resp: 5199
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.3 15.5
 129 7.7 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.204 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074153.D
 Acq: 26 Aug 2022 23:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:	180	Resp:	1441
Ion	Ratio	Lower	Upper
180	100		
182	109.8	47.8	143.3
145	17.6	15.5	46.5

