

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073780.D
 Acq On : 09 Aug 2022 11:10
 Operator : JC\MD
 Sample : VN0809WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBL01

Quant Time: Aug 09 21:05:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

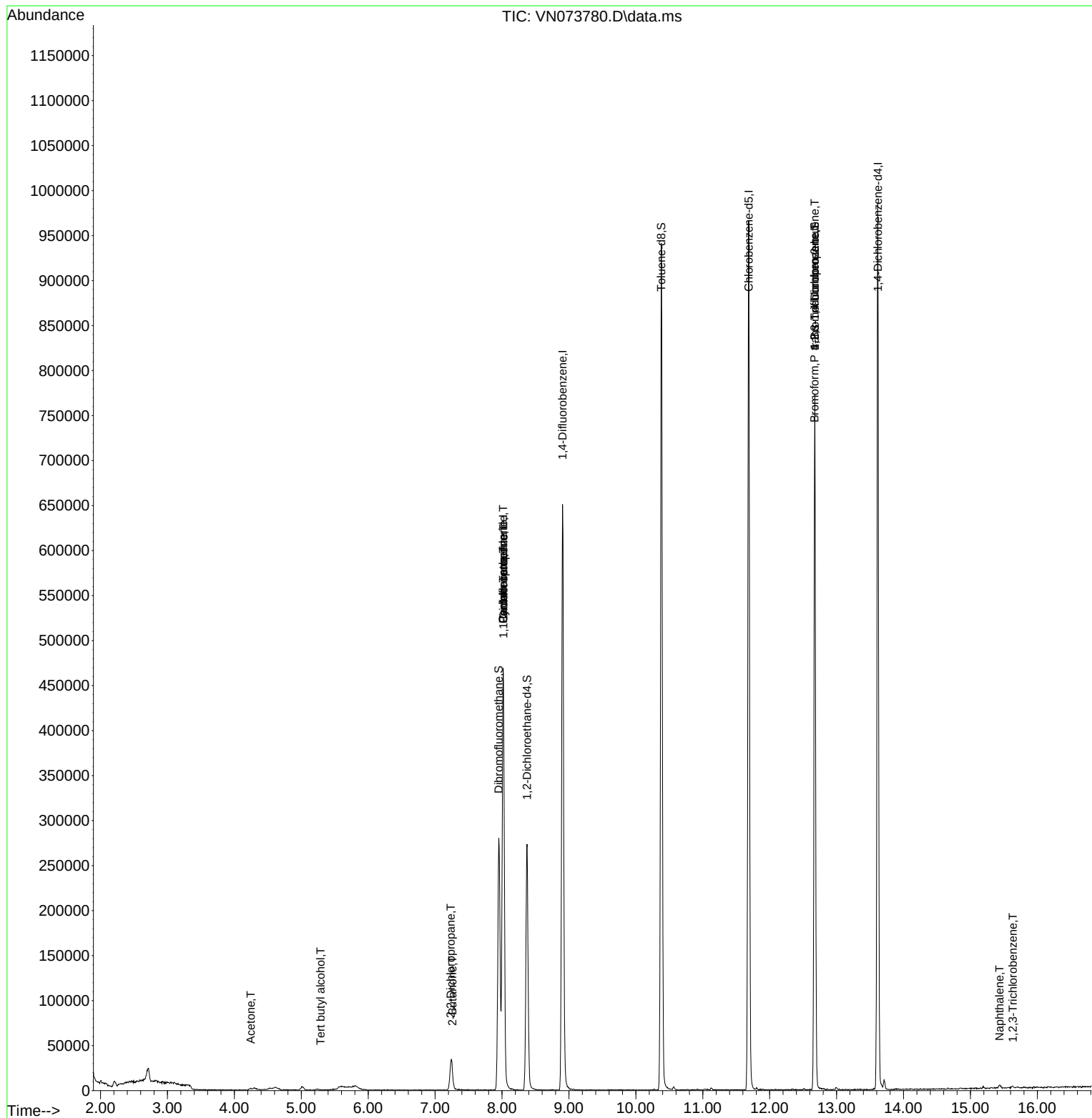
Internal Standards						
1) Pentafluorobenzene	8.016	168	383007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	598117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	574307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	272314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	223218	47.823	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.640%		
35) Dibromofluoromethane	7.951	113	207861	55.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.680%		
50) Toluene-d8	10.381	98	657725	44.502	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.000%		
62) 4-Bromofluorobenzene	12.675	95	247554	50.113	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.220%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	934	Below Cal		91
6) Chloroethane	2.958	64	528	Below Cal	#	42
11) Tert butyl alcohol	5.287	59	227	0.226 ug/l	#	72
16) Acetone	4.246	43	2972	1.185 ug/l		96
20) Methylene Chloride	5.004	84	3431	Below Cal	#	90
25) 2-Butanone	7.257	43	2364	0.607 ug/l	#	88
26) 2,2-Dichloropropane	7.234	77	2372	0.400 ug/l	#	53
31) Cyclohexane	8.016	56	6964	1.002 ug/l	#	14
36) 1,1-Dichloropropene	8.022	75	28281	5.283 ug/l	#	49
38) Carbon Tetrachloride	8.016	117	35834	6.591 ug/l	#	16
71) Bromoform	12.669	173	1800	0.498 ug/l	#	28
76) 1,2,3-Trichloropropane	12.675	75	125456	23.436 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.675	75	125456	59.704 ug/l	#	11
95) Naphthalene	15.433	128	4406	0.285 ug/l	#	92
96) 1,2,3-Trichlorobenzene	15.633	180	1197	0.239 ug/l	#	71

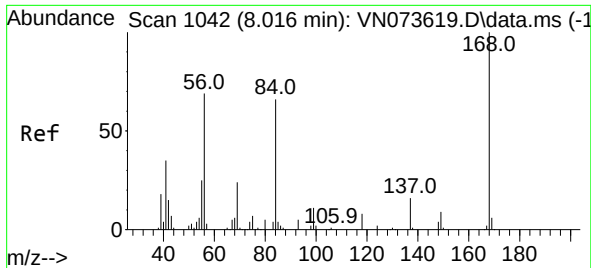
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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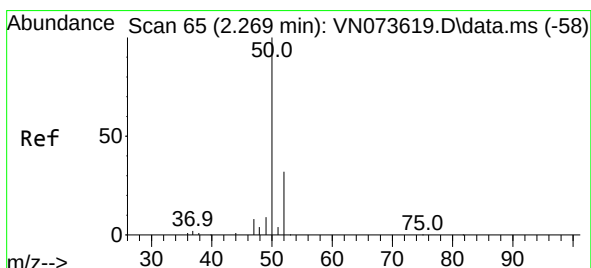
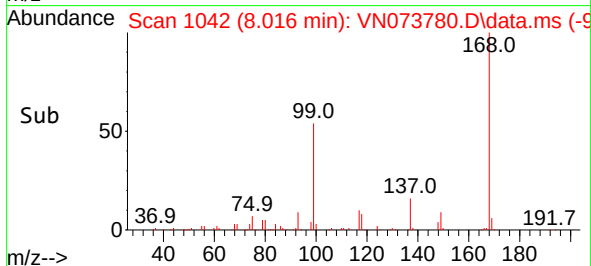
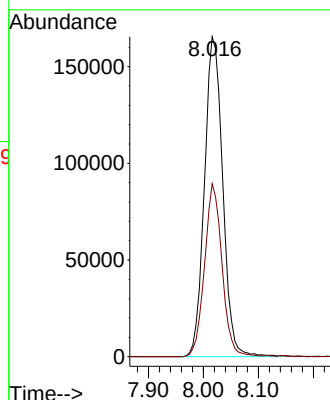
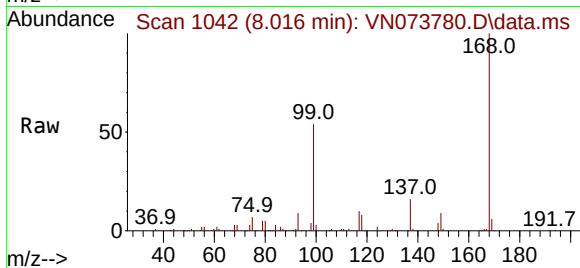




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

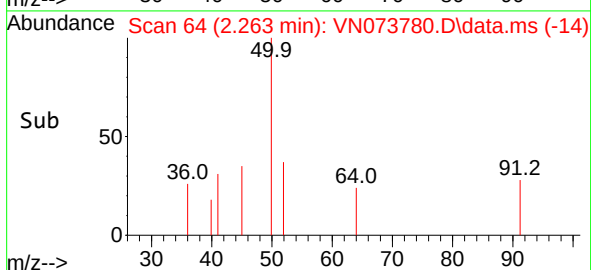
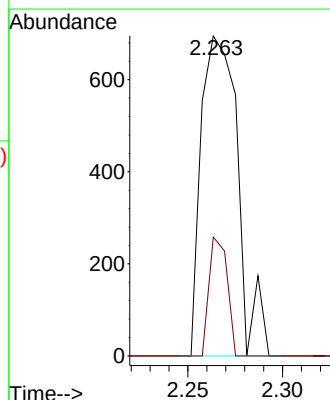
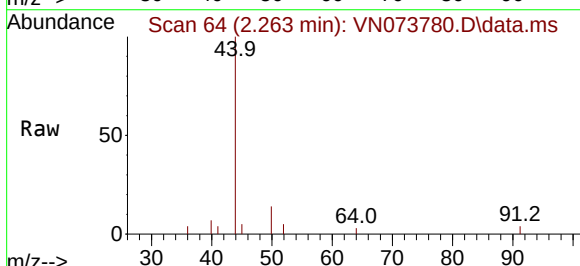
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBL01

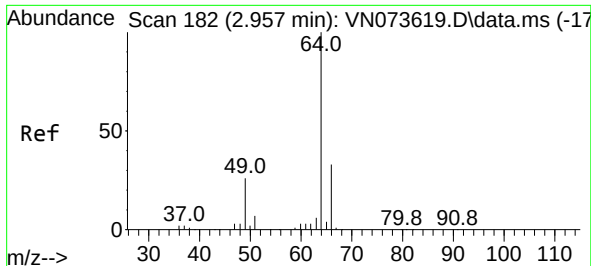
Tgt Ion:168 Resp: 383007
Ion Ratio Lower Upper
168 100
99 54.0 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

Tgt Ion: 50 Resp: 934
Ion Ratio Lower Upper
50 100
52 37.1 25.7 38.5

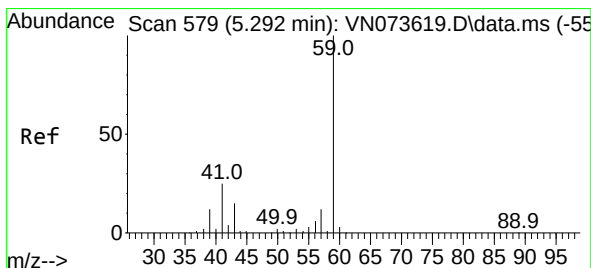
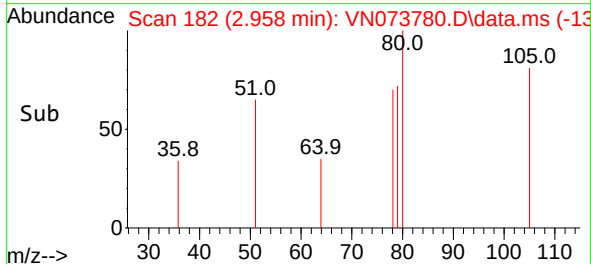
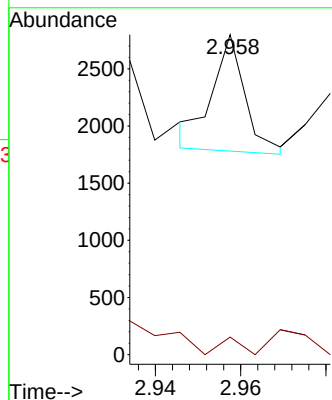
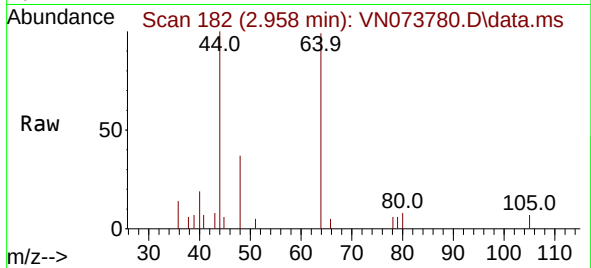




#6
Chloroethane
Concen: Below Cal
RT: 2.958 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

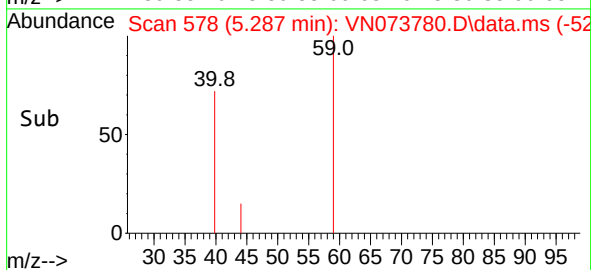
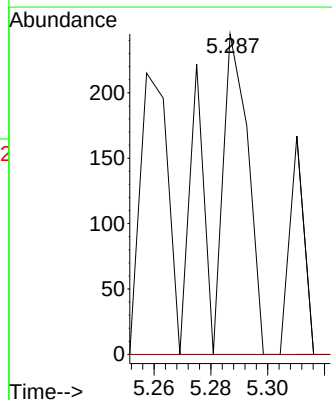
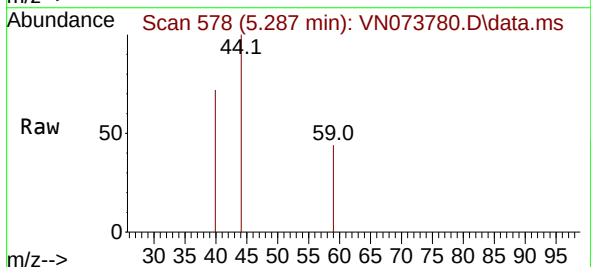
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBL01

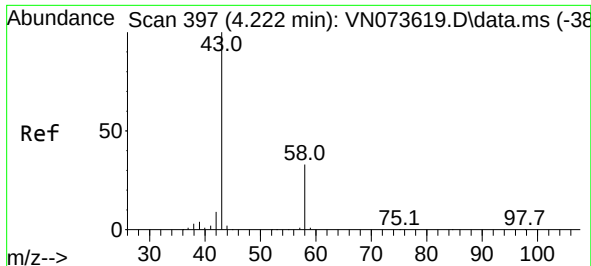
Tgt Ion: 64 Resp: 528
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.226 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

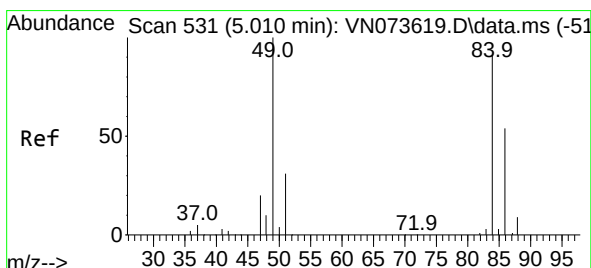
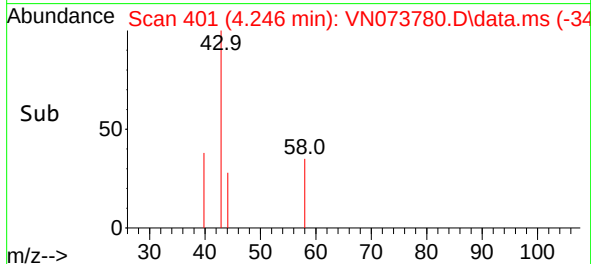
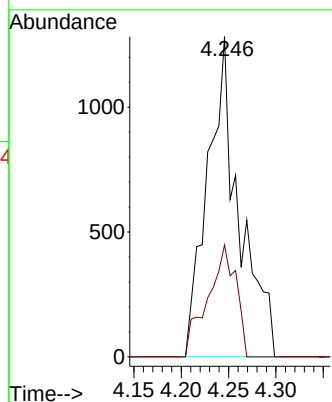
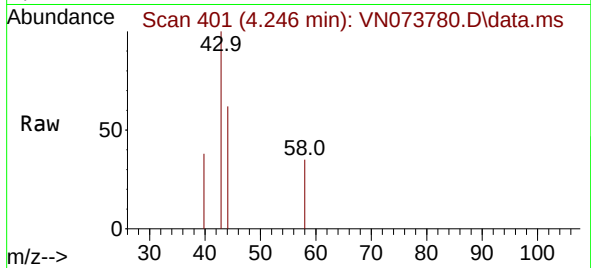




#16
Acetone
Concen: 1.185 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

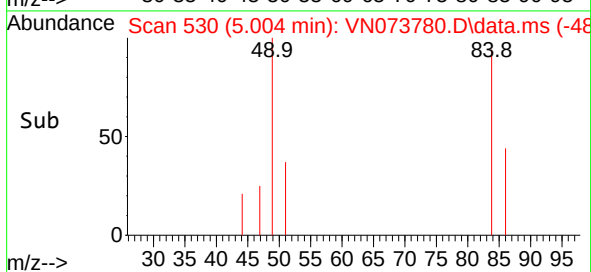
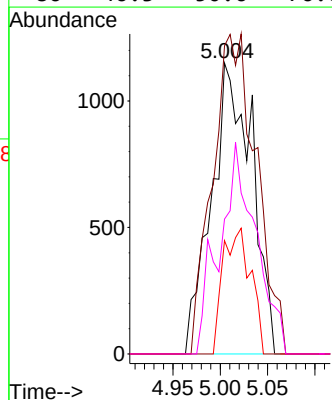
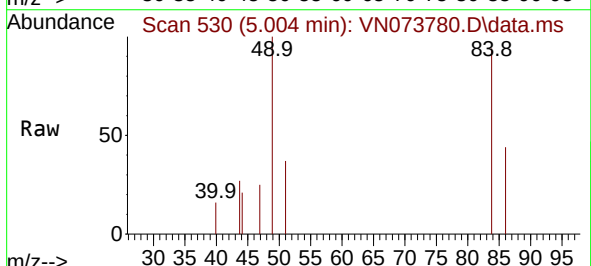
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBL01

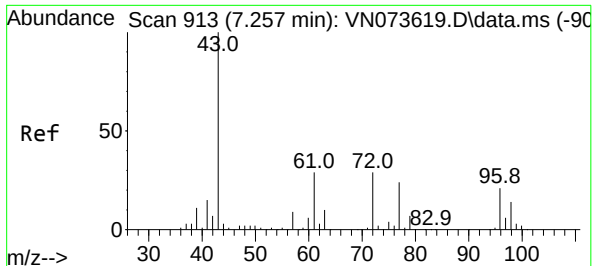
Tgt Ion: 43 Resp: 2972
Ion Ratio Lower Upper
43 100
58 34.9 26.0 39.0



#20
Methylene Chloride
Concen: Below Cal
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

Tgt Ion: 84 Resp: 3431
Ion Ratio Lower Upper
84 100
49 105.9 88.3 132.5
51 39.0 28.2 42.2
86 46.3 50.6 76.0#





#25

2-Butanone

Concen: 0.607 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN073780.D

Acq: 09 Aug 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

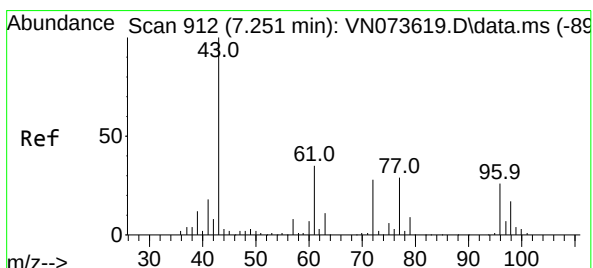
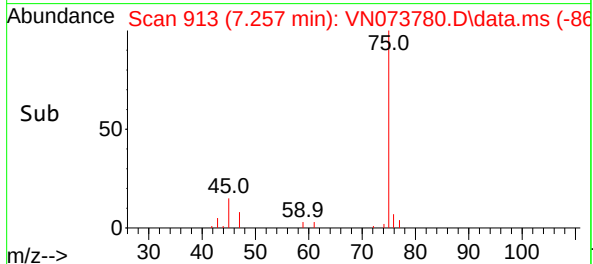
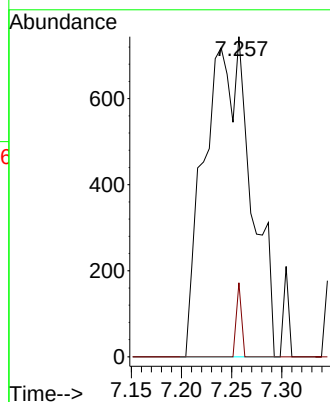
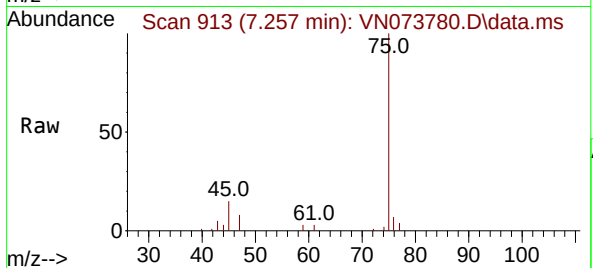
VN0809WBL01

Tgt Ion: 43 Resp: 2364

Ion Ratio Lower Upper

43 100

72 23.1 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.400 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.018 min

Lab File: VN073780.D

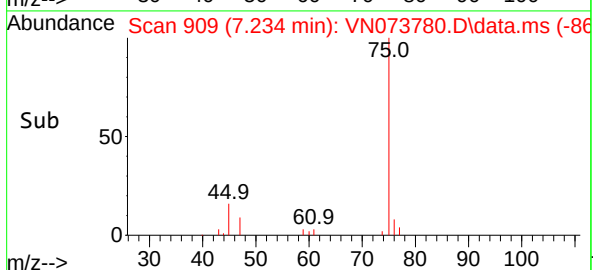
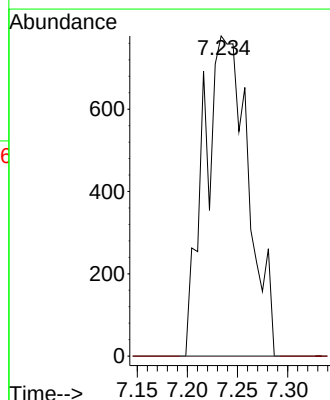
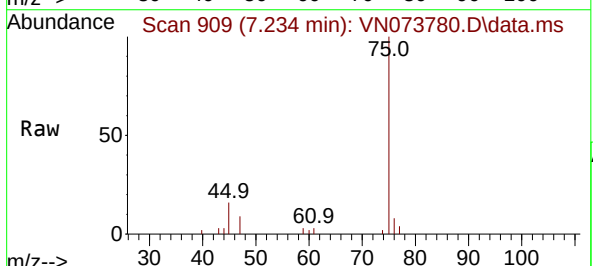
Acq: 09 Aug 2022 11:10

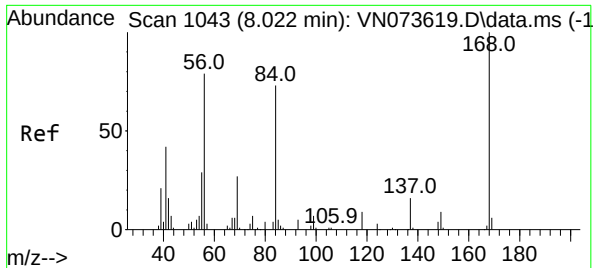
Tgt Ion: 77 Resp: 2372

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

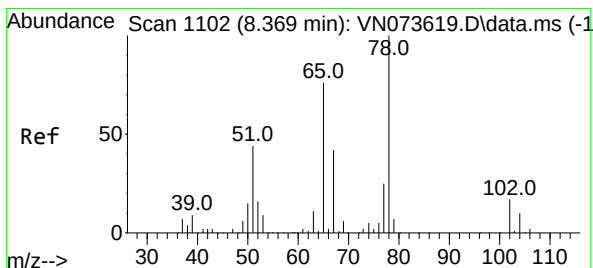
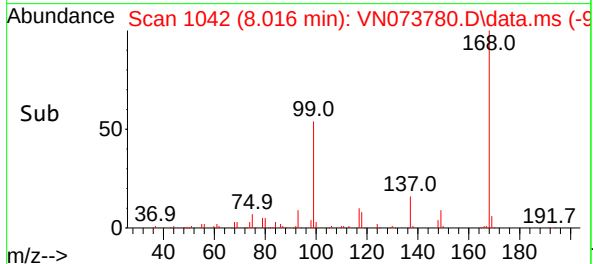
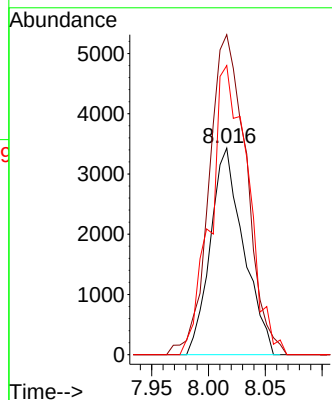
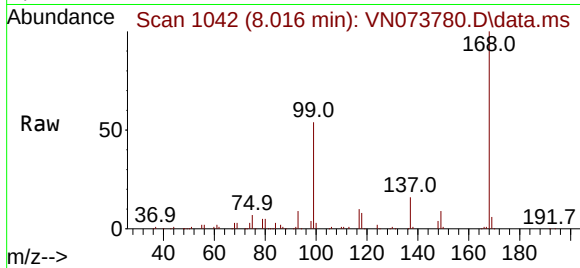




#31
Cyclohexane
Concen: 1.002 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

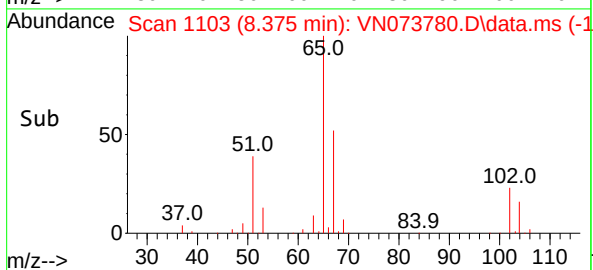
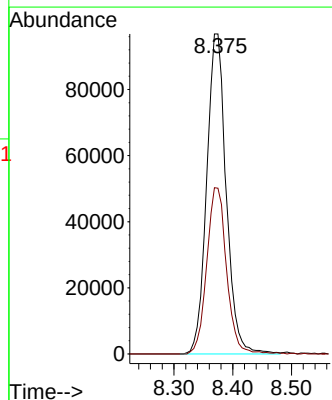
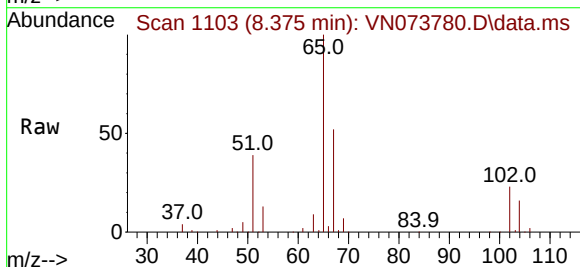
Instrument :
MSVOA_N
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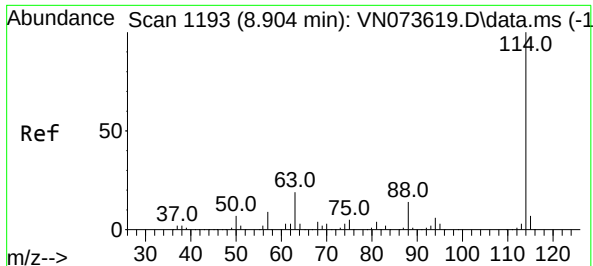
Tgt Ion: 56 Resp: 6964
Ion Ratio Lower Upper
56 100
69 150.2 27.8 41.8#
84 139.9 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.823 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

Tgt Ion: 65 Resp: 223218
Ion Ratio Lower Upper
65 100
67 52.7 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: VN073780.D

Acq: 09 Aug 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBL01

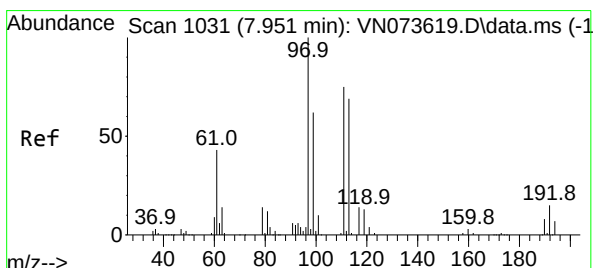
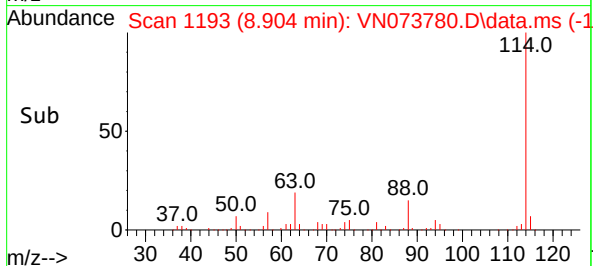
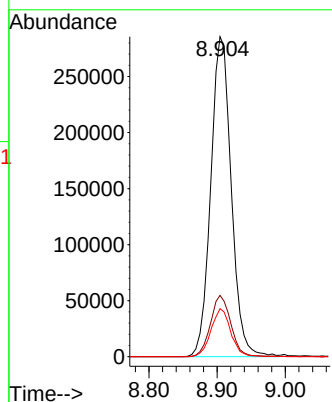
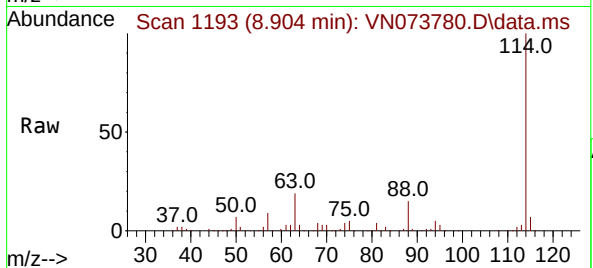
Tgt Ion:114 Resp: 598117

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.344 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073780.D

Acq: 09 Aug 2022 11:10

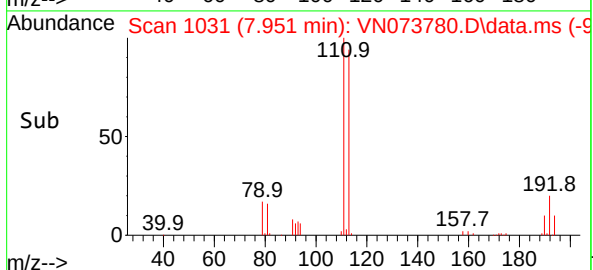
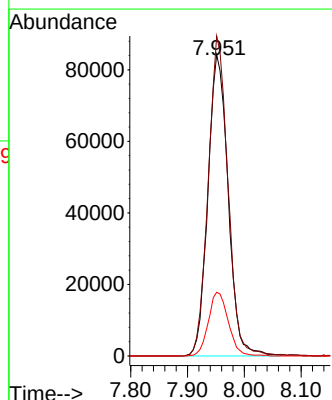
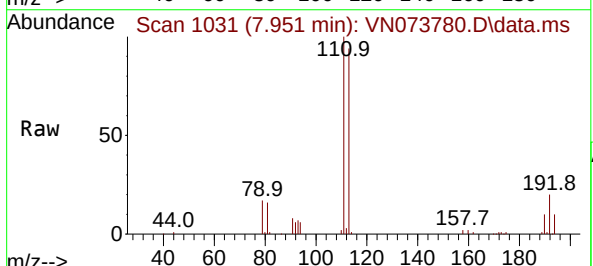
Tgt Ion:113 Resp: 207861

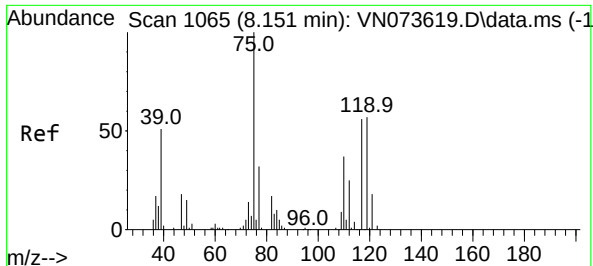
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 20.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.283 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN073780.D

Acq: 09 Aug 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBL01

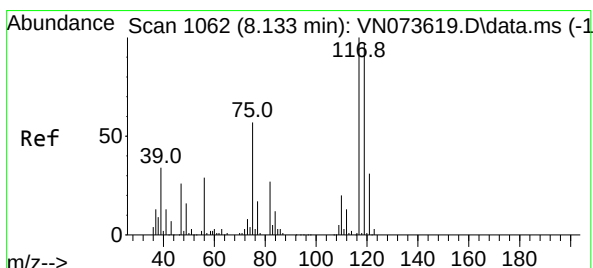
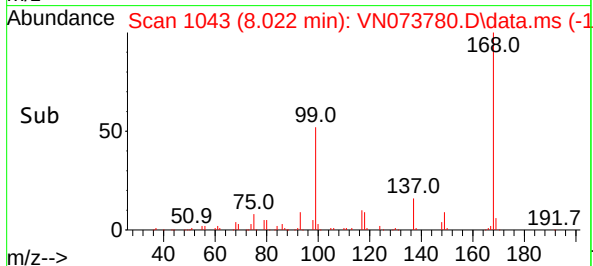
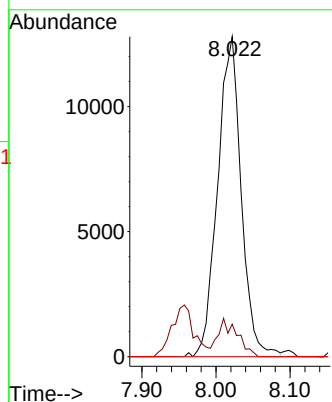
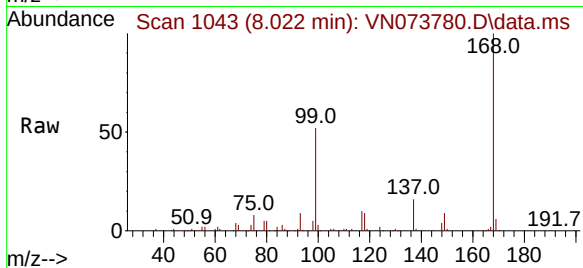
Tgt Ion: 75 Resp: 28281

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.591 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN073780.D

Acq: 09 Aug 2022 11:10

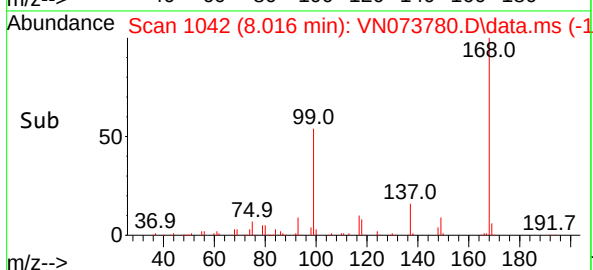
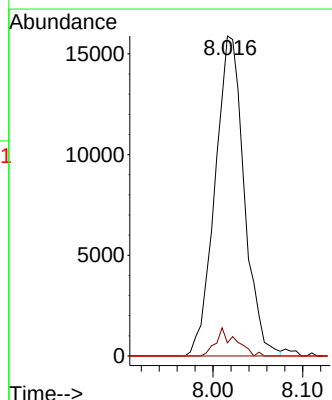
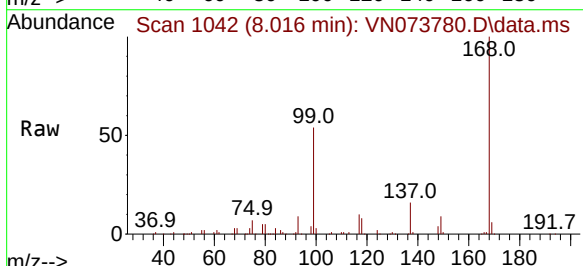
Tgt Ion: 117 Resp: 35834

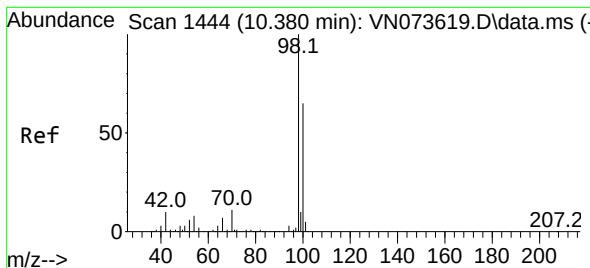
Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.8#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 44.502 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073780.D

Acq: 09 Aug 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

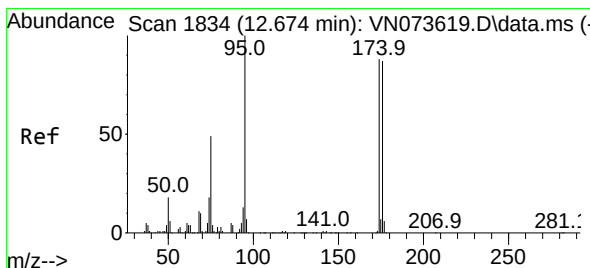
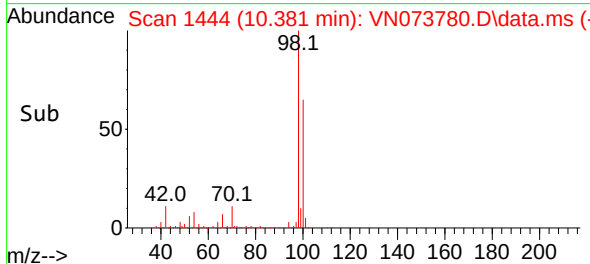
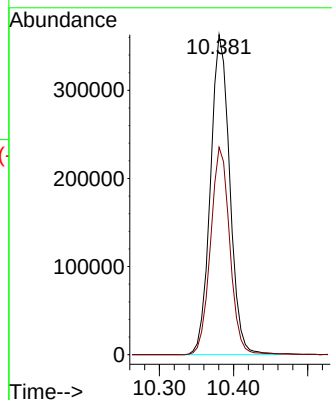
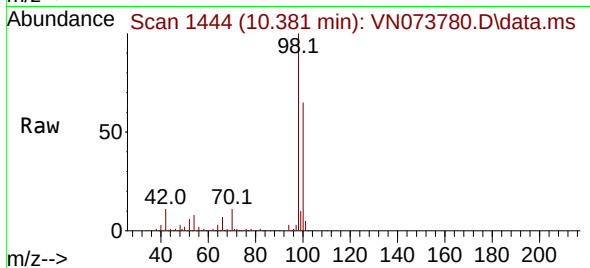
VN0809WBL01

Tgt Ion: 98 Resp: 657725

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.113 ug/l

RT: 12.675 min Scan# 1834

Delta R.T. 0.001 min

Lab File: VN073780.D

Acq: 09 Aug 2022 11:10

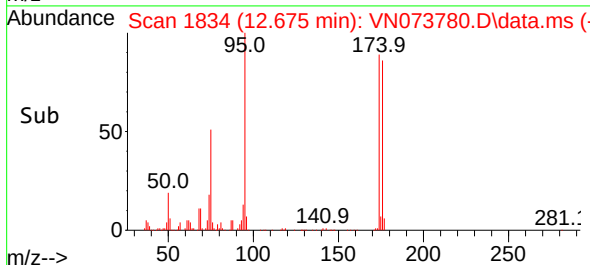
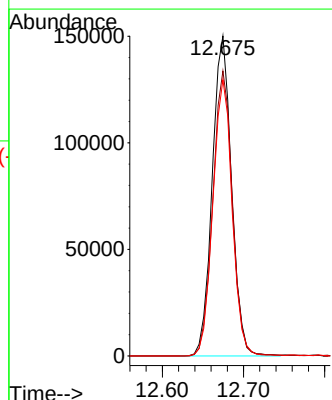
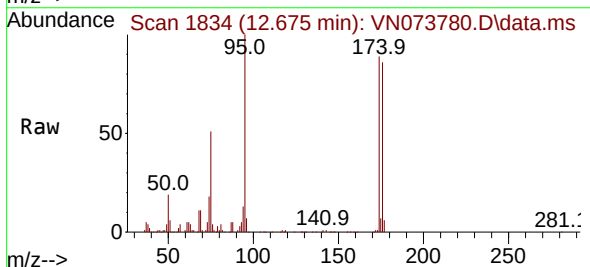
Tgt Ion: 95 Resp: 247554

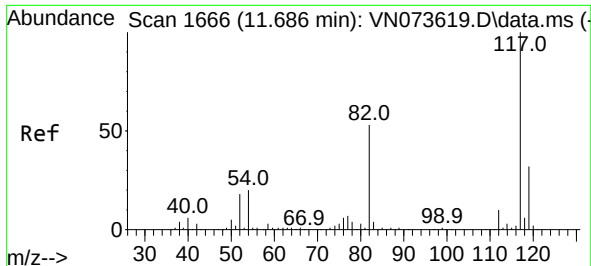
Ion Ratio Lower Upper

95 100

174 90.4 0.0 167.6

176 86.6 0.0 163.4

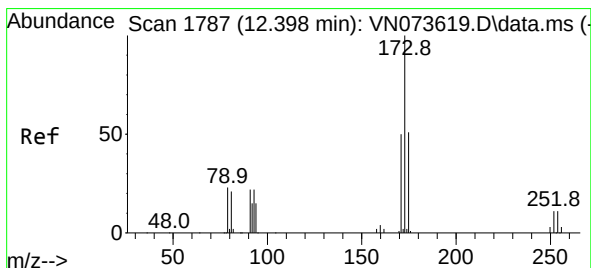
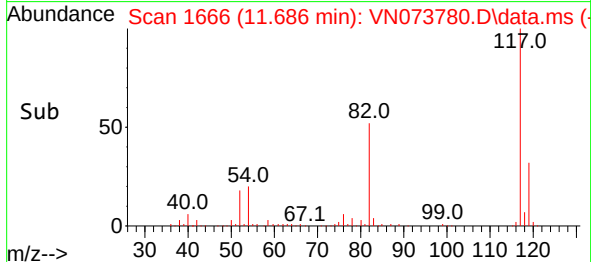
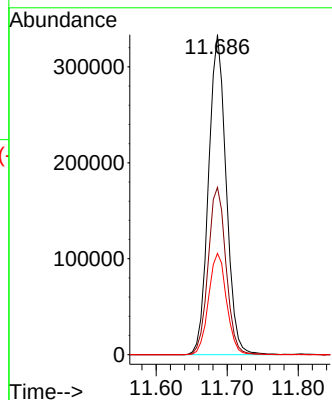
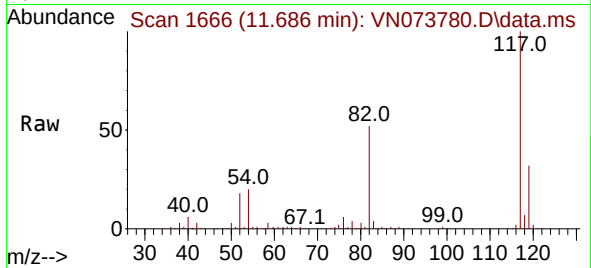




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

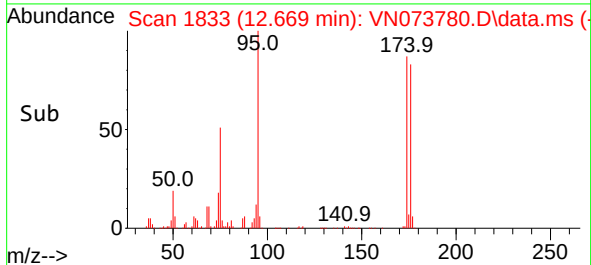
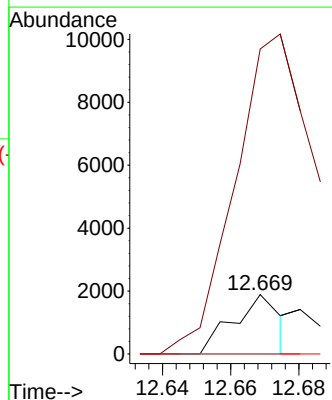
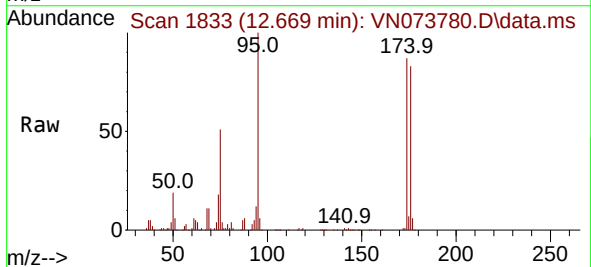
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBL01

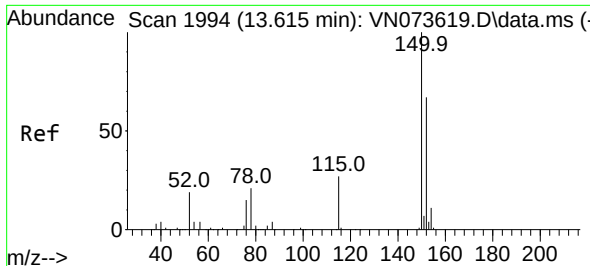
Tgt Ion:117 Resp: 574307
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 31.7 25.4 38.0



#71
Bromoform
Concen: 0.498 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

Tgt Ion:173 Resp: 1800
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

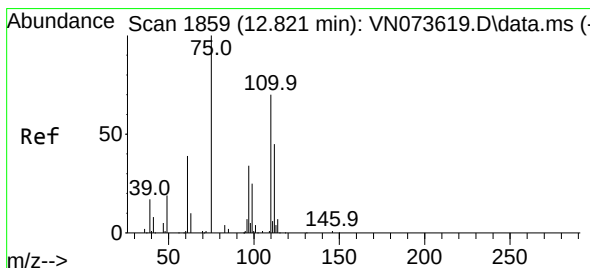
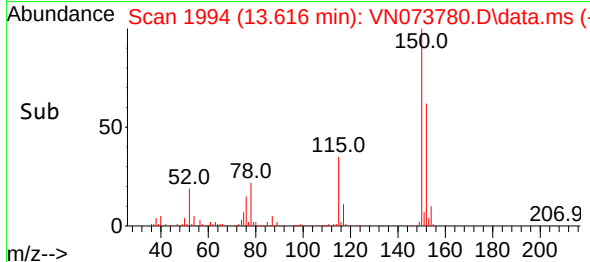
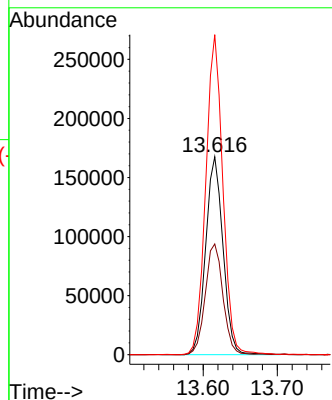
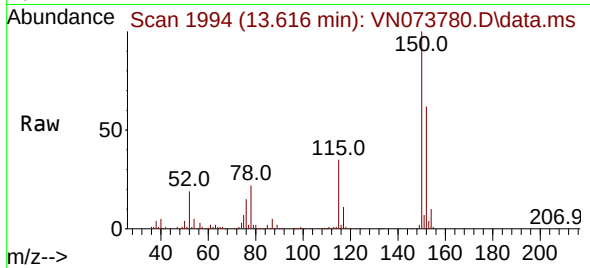




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073780.D
 Acq: 09 Aug 2022 11:10

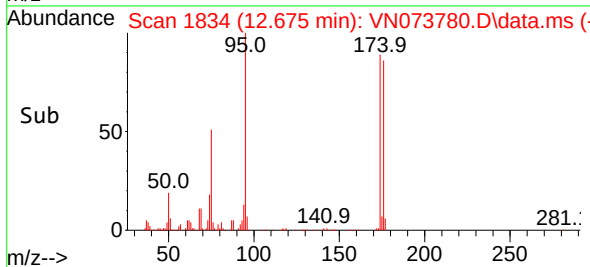
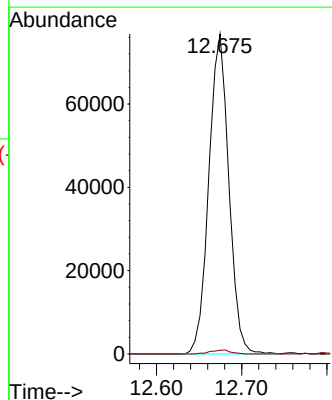
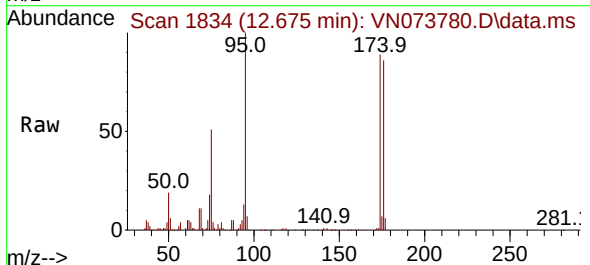
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBL01

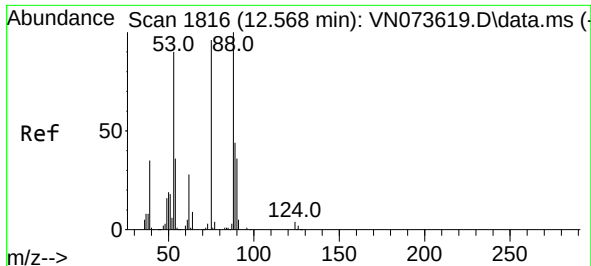
Tgt Ion:152 Resp: 272314
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.9 86.7
 150 159.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.436 ug/l
 RT: 12.675 min Scan# 1834
 Delta R.T. -0.146 min
 Lab File: VN073780.D
 Acq: 09 Aug 2022 11:10

Tgt Ion: 75 Resp: 125456
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

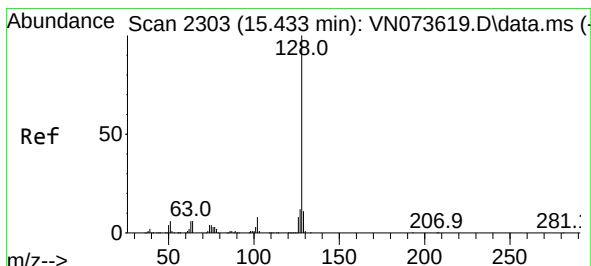
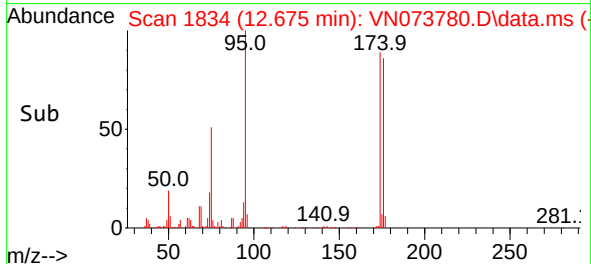
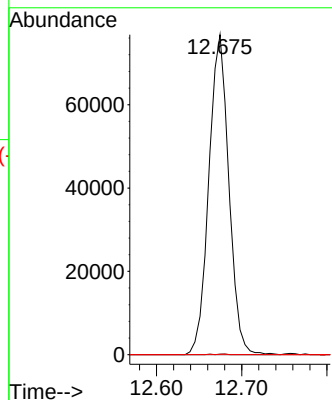
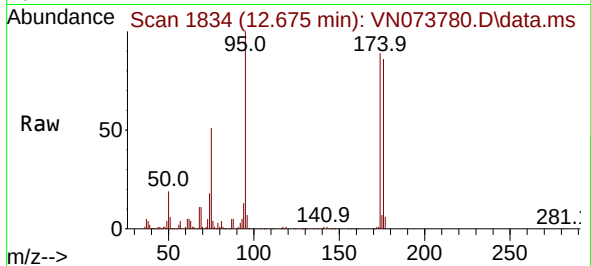




#81
trans-1,4-Dichloro-2-butene
Concen: 59.704 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

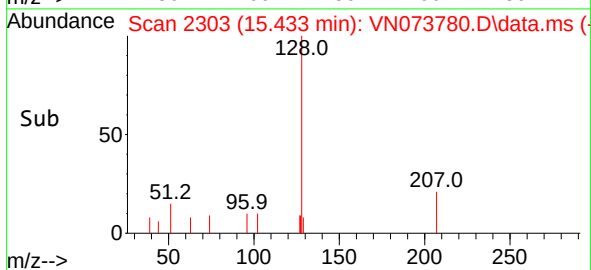
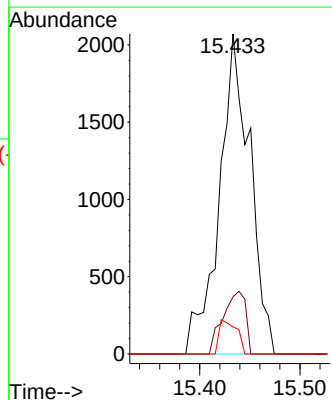
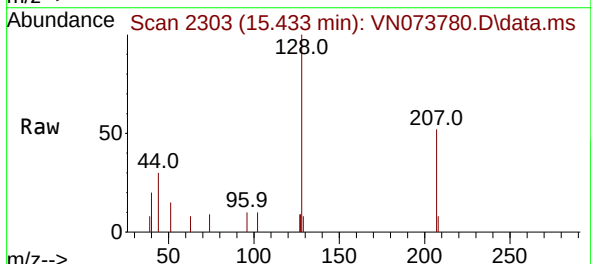
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBL01

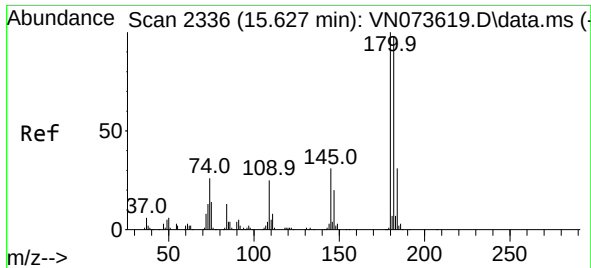
Tgt Ion: 75 Resp: 125456
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.285 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

Tgt Ion: 128 Resp: 4406
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 6.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.239 ug/l
 RT: 15.633 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN073780.D
 Acq: 09 Aug 2022 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	76.2	47.8	143.3
145	0.0	15.5	46.5#

