

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073984.D
 Acq On : 17 Aug 2022 18:25
 Operator : JC\MD
 Sample : N4229-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 00:49:03 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)

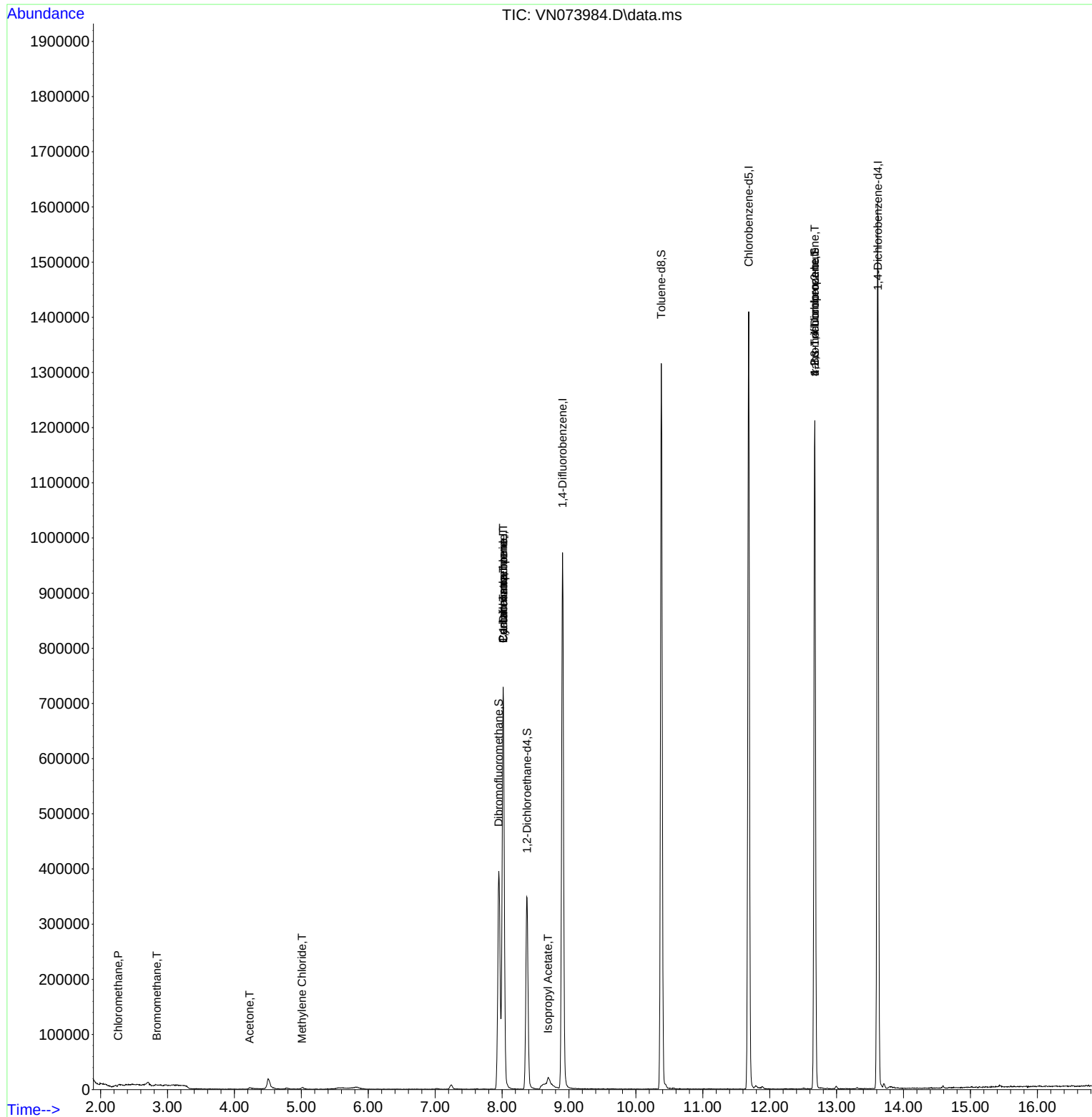
Internal Standards						
1) Pentafluorobenzene	8.016	168	624580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	921897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	876964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	477337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	298690	49.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.200%		
35) Dibromofluoromethane	7.951	113	290502	53.284	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.560%		
50) Toluene-d8	10.380	98	956029	45.277	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.560%		
62) 4-Bromofluorobenzene	12.674	95	404736	57.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.520%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	1246	0.226	ug/l	93
5) Bromomethane	2.840	94	1199	0.272	ug/l	98
16) Acetone	4.228	43	4650	1.620	ug/l	99
18) Methyl Acetate	4.787	43	4135	Below Cal	#	48
20) Methylene Chloride	5.010	84	2728	0.450	ug/l #	89
31) Cyclohexane	8.016	56	10384	1.224	ug/l #	30
36) 1,1-Dichloropropene	8.016	75	38822	5.127	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53444	6.174	ug/l #	16
43) Isopropyl Acetate	8.686	43	42266	3.234	ug/l #	53
76) 1,2,3-Trichloropropane	12.674	75	197674	19.924	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	197674	56.668	ug/l #	10

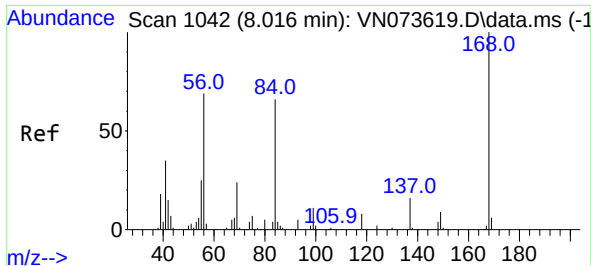
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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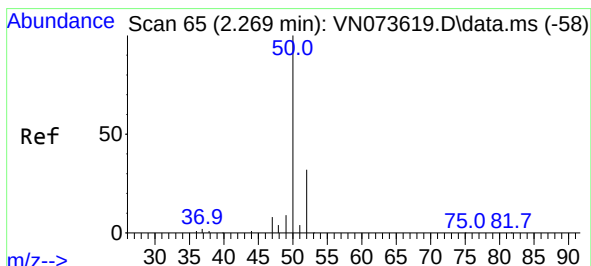
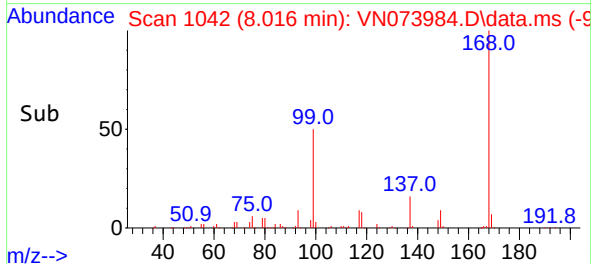
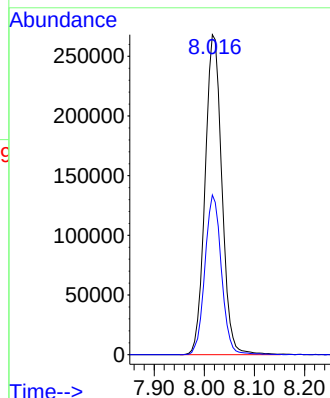
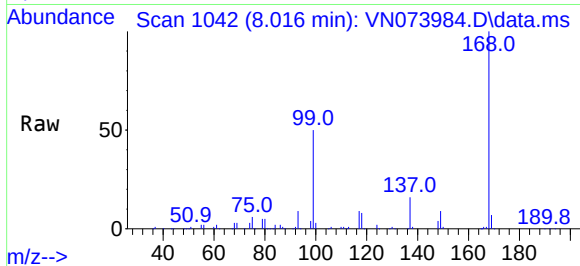




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

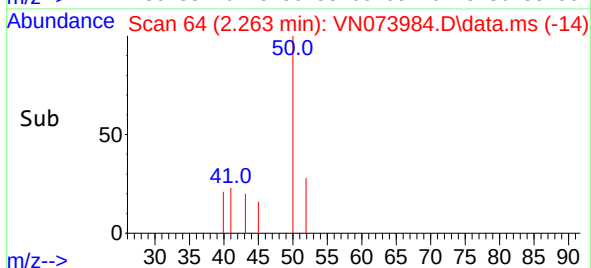
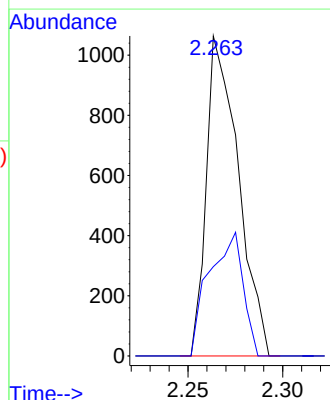
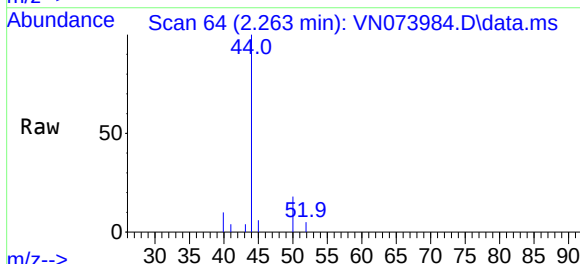
Instrument :
MSVOA_N
ClientSampleId :

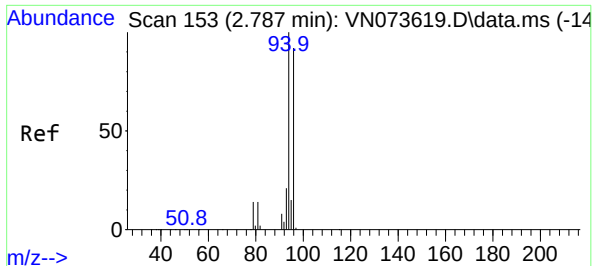
Tgt Ion:168 Resp: 624580
Ion Ratio Lower Upper
168 100
99 49.9 42.3 63.5



#3
Chloromethane
Concen: 0.226 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

Tgt Ion: 50 Resp: 1246
Ion Ratio Lower Upper
50 100
52 27.9 25.7 38.5

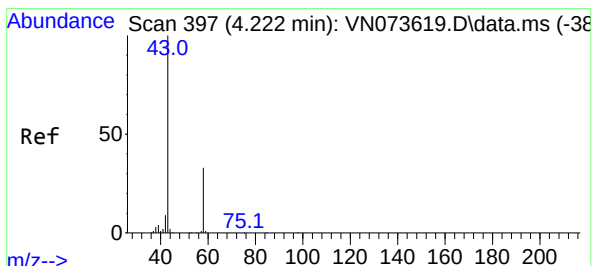
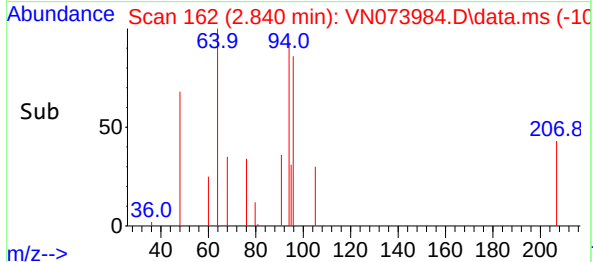
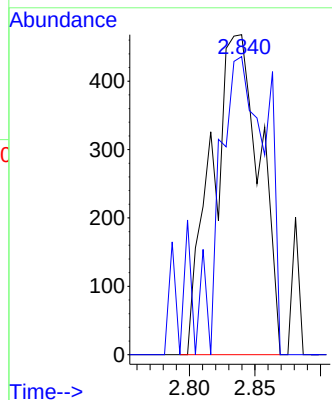
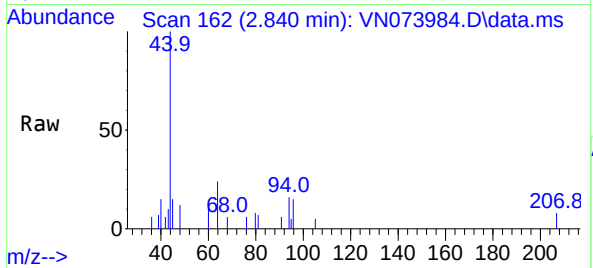




#5
Bromomethane
Concen: 0.272 ug/l
RT: 2.840 min Scan# 1199
Delta R.T. 0.053 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

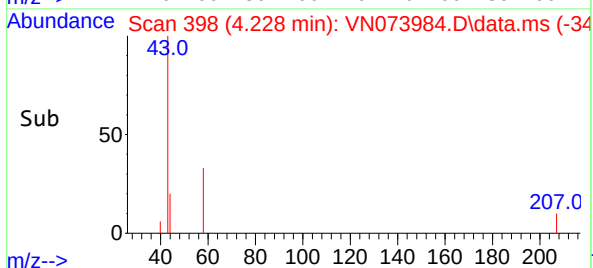
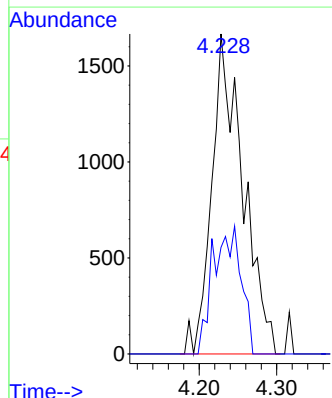
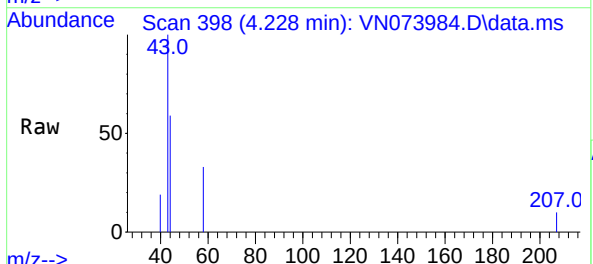
Instrument :
MSVOA_N
ClientSampleId :

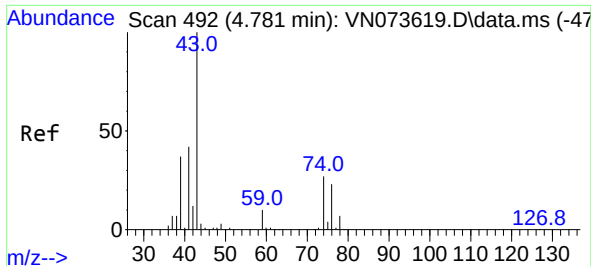
Tgt Ion: 94 Resp: 1199
Ion Ratio Lower Upper
94 100
96 93.2 76.0 114.0



#16
Acetone
Concen: 1.620 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

Tgt Ion: 43 Resp: 4650
Ion Ratio Lower Upper
43 100
58 33.3 26.0 39.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.787 min Scan# 492

Delta R.T. 0.006 min

Lab File: VN073984.D

Acq: 17 Aug 2022 18:25

Instrument :

MSVOA_N

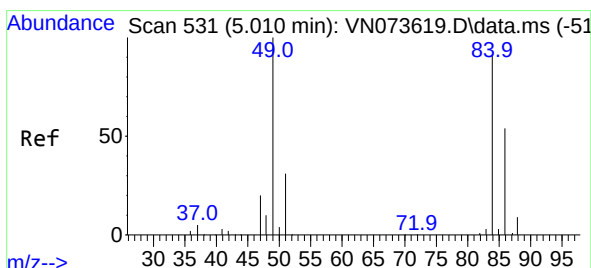
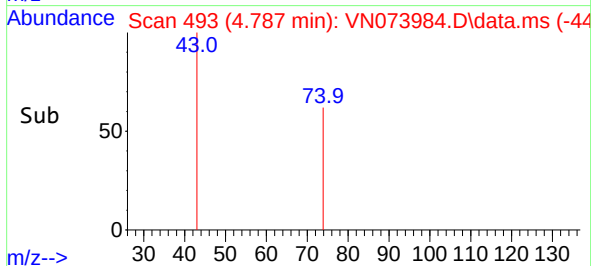
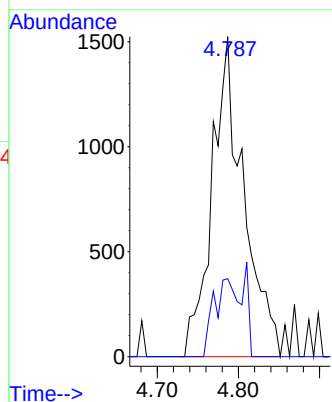
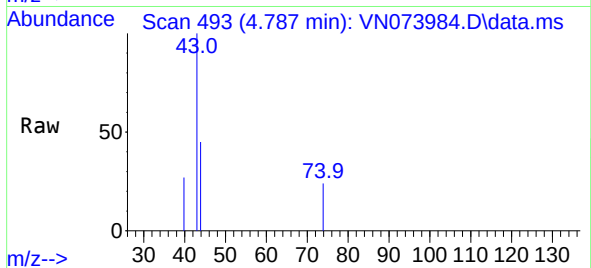
ClientSampleId :

Tgt Ion: 43 Resp: 4135

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#20

Methylene Chloride

Concen: 0.450 ug/l

RT: 5.010 min Scan# 531

Delta R.T. 0.000 min

Lab File: VN073984.D

Acq: 17 Aug 2022 18:25

Tgt Ion: 84 Resp: 2728

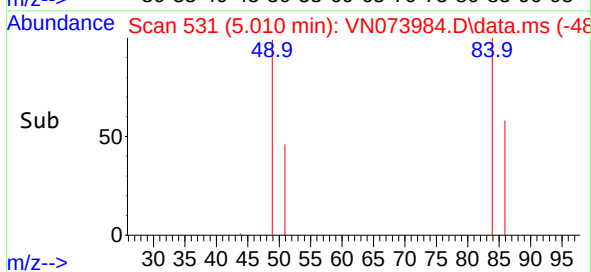
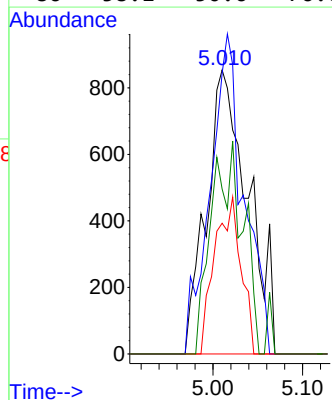
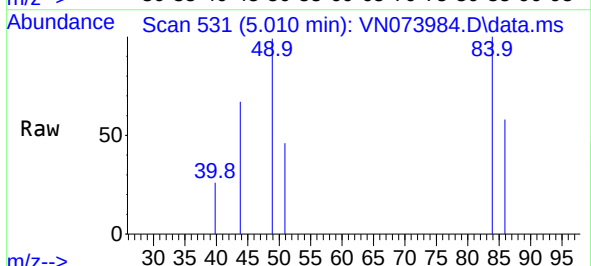
Ion Ratio Lower Upper

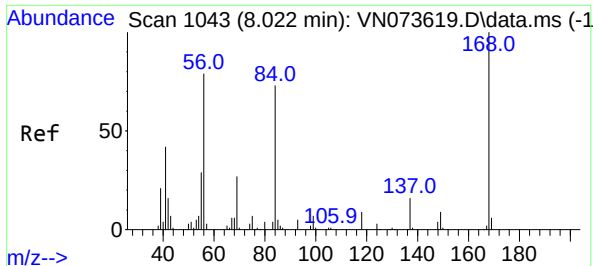
84 100

49 98.7 88.3 132.5

51 46.0 28.2 42.2#

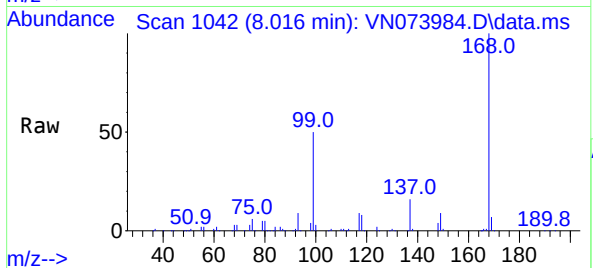
86 58.1 50.6 76.0



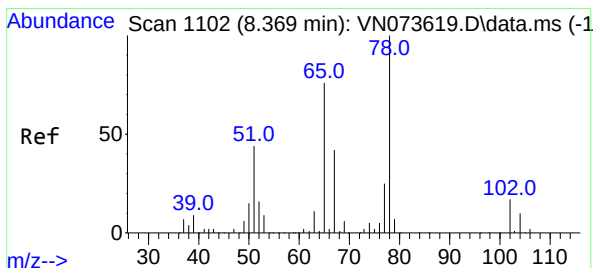
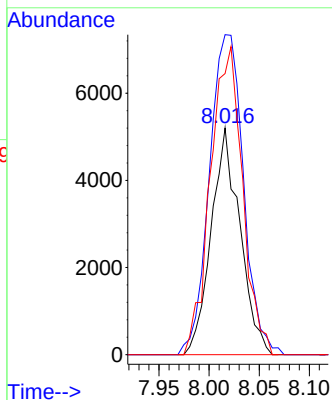
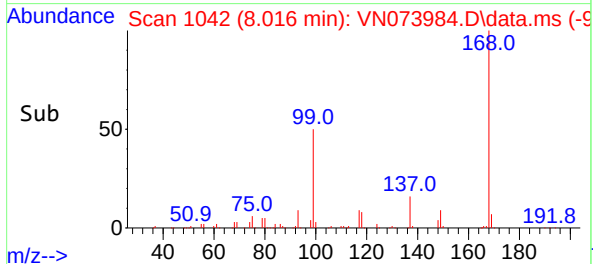


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

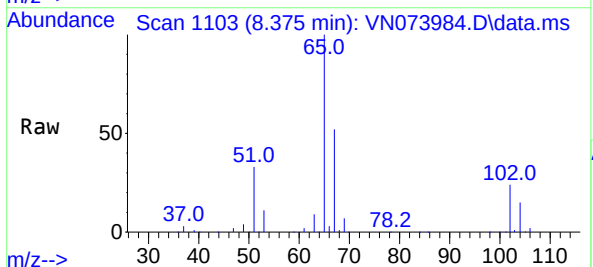
Instrument :
MSVOA_N
ClientSampleId :



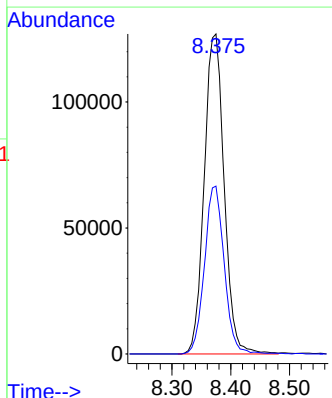
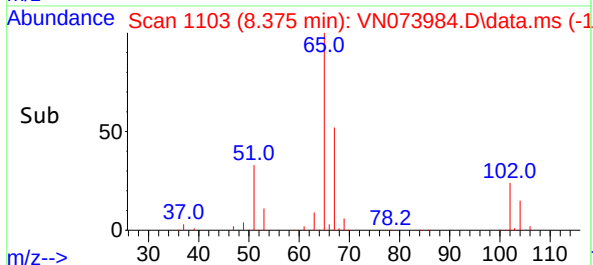
Tgt Ion: 56 Resp: 10384
Ion Ratio Lower Upper
56 100
69 141.1 27.8 41.8#
84 124.0 76.9 115.3#

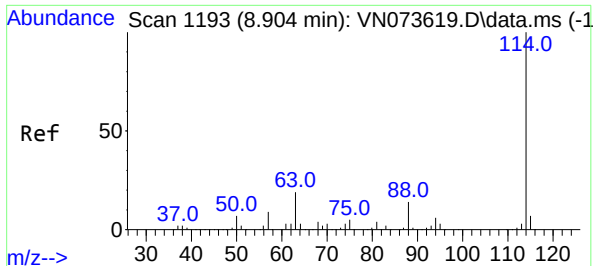


#33
1,2-Dichloroethane-d4
Concen: 49.099 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25



Tgt Ion: 65 Resp: 298690
Ion Ratio Lower Upper
65 100
67 51.8 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: VN073984.D

Acq: 17 Aug 2022 18:25

Instrument :

MSVOA_N

ClientSampleId :

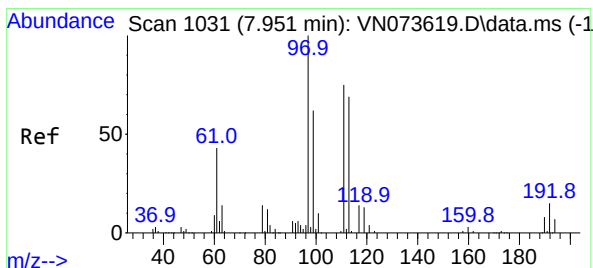
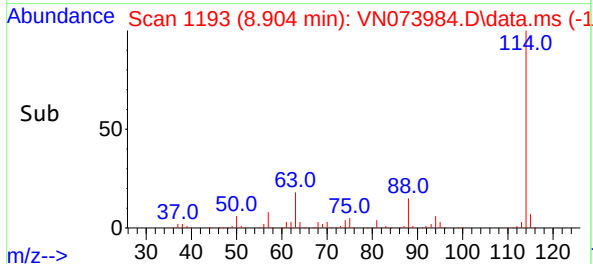
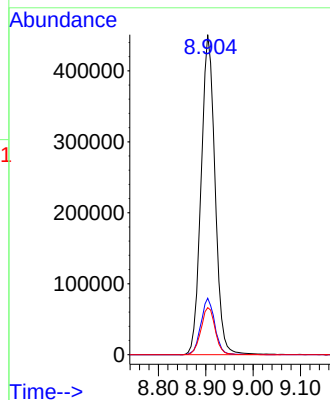
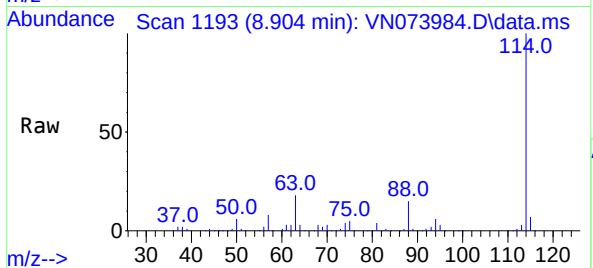
Tgt Ion:114 Resp: 921897

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.284 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073984.D

Acq: 17 Aug 2022 18:25

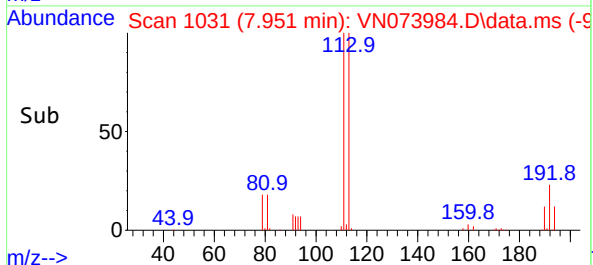
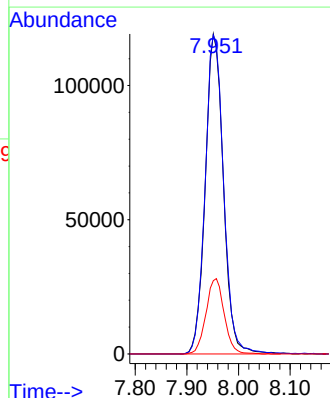
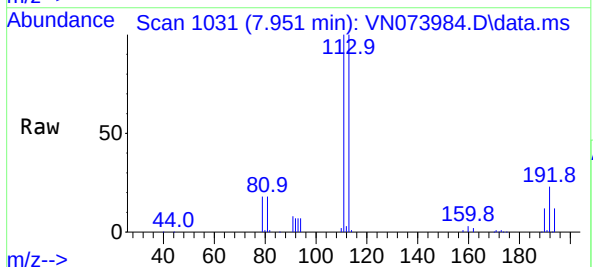
Tgt Ion:113 Resp: 290502

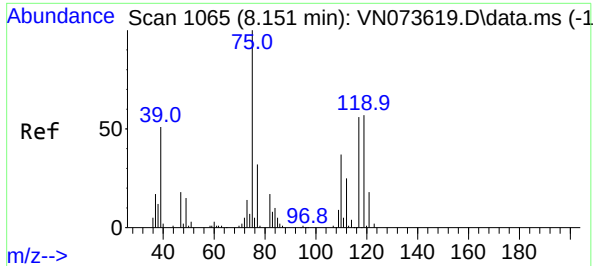
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 23.6 17.0 25.6

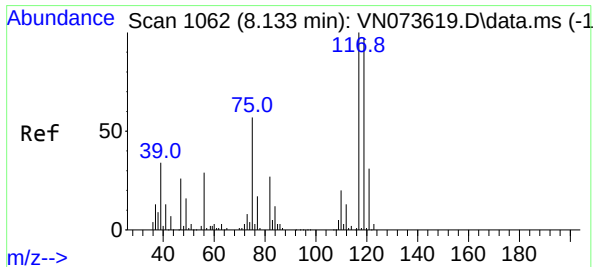
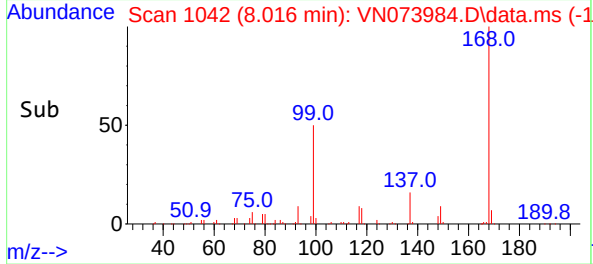
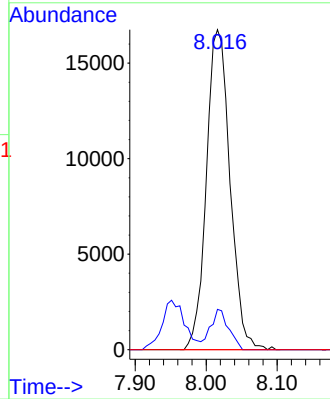
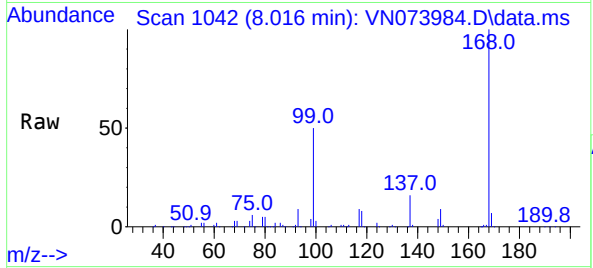




#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

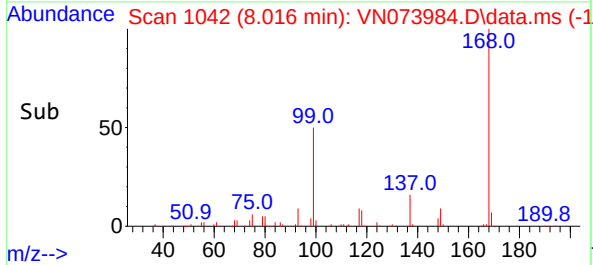
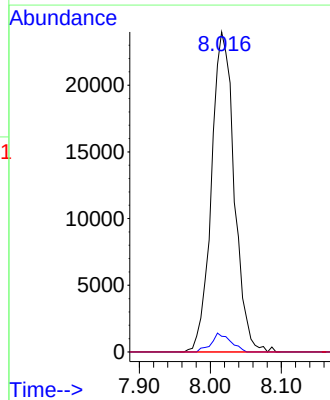
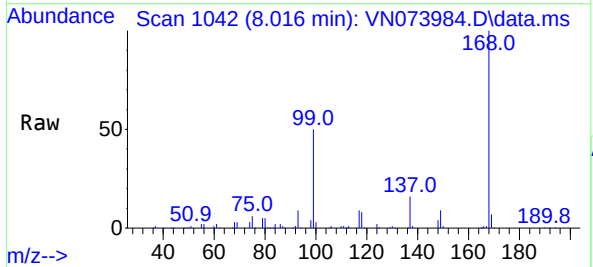
Instrument :
MSVOA_N
ClientSampleId :

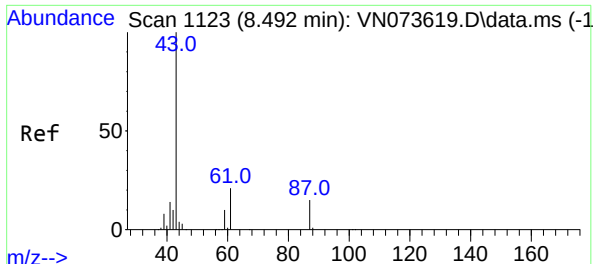
Tgt Ion: 75 Resp: 38822
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.174 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

Tgt Ion: 117 Resp: 53444
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#

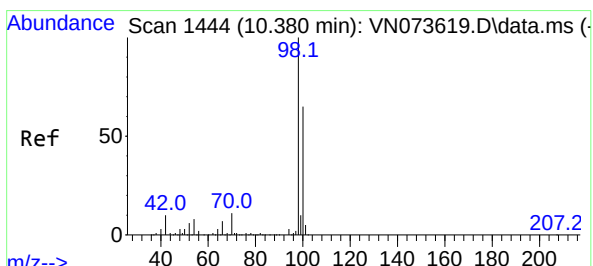
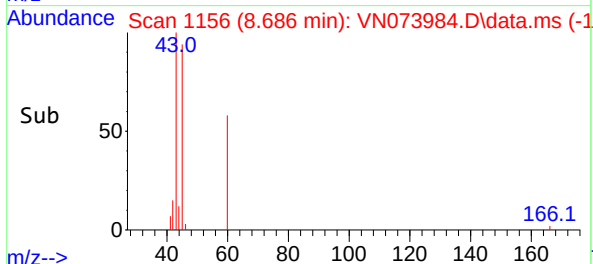
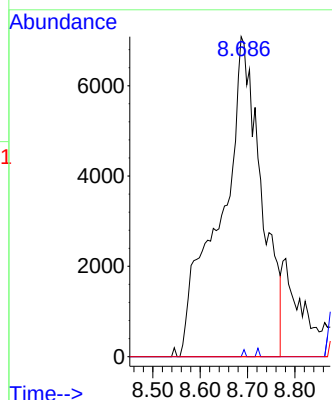
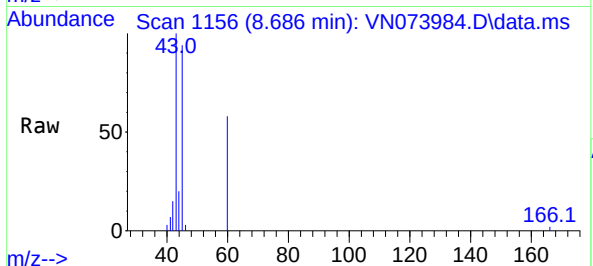




#43
Isopropyl Acetate
Concen: 3.234 ug/l
RT: 8.686 min Scan# 1123
Delta R.T. 0.194 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

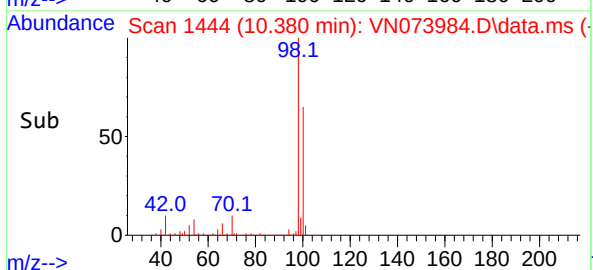
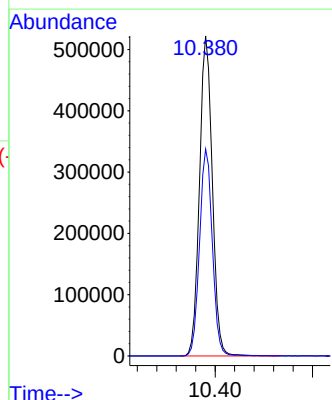
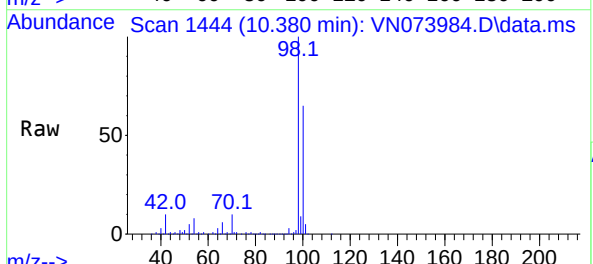
Instrument :
MSVOA_N
ClientSampleId :

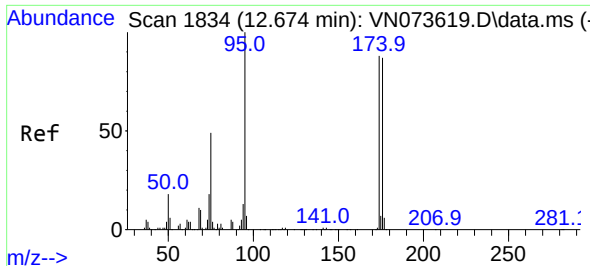
Tgt Ion: 43 Resp: 42266
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.277 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

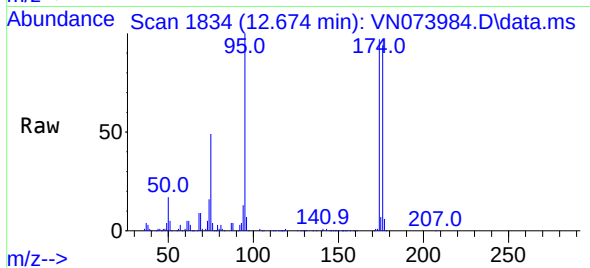
Tgt Ion: 98 Resp: 956029
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



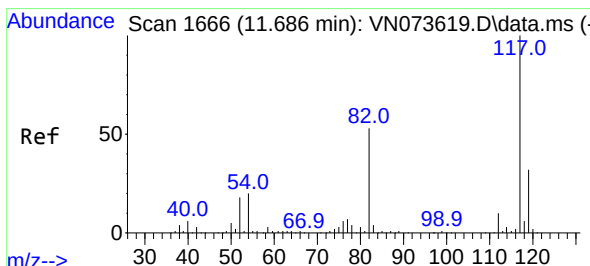
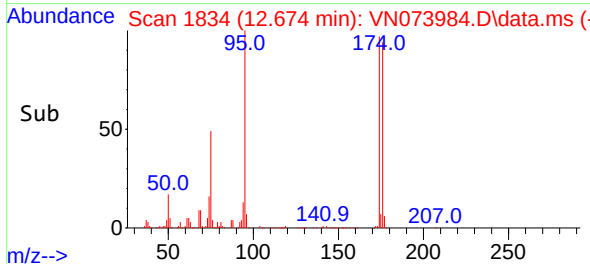
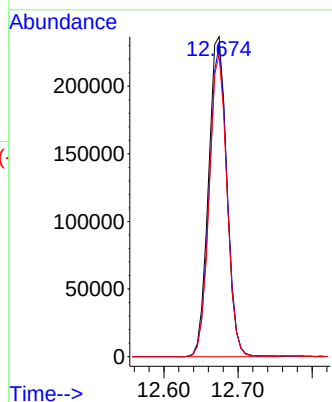


#62
4-Bromofluorobenzene
Concen: 57.756 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

Instrument :
MSVOA_N
ClientSampleId :

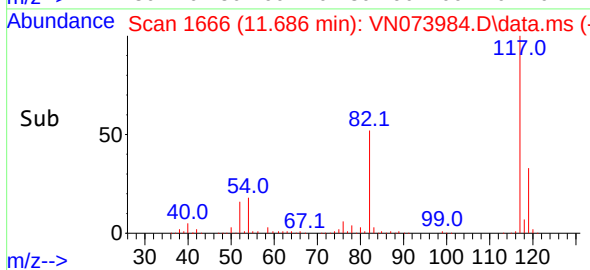
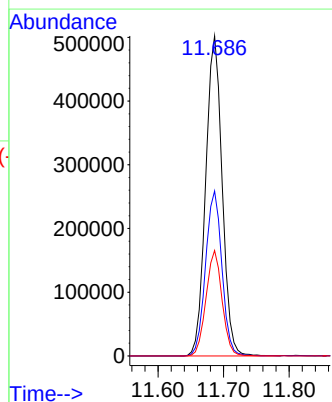
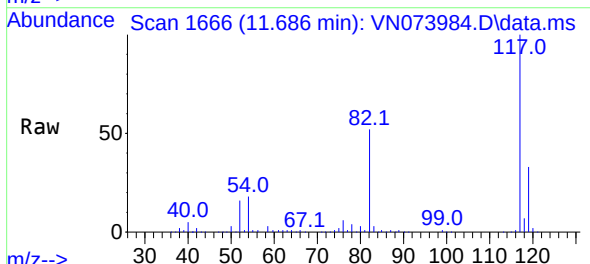


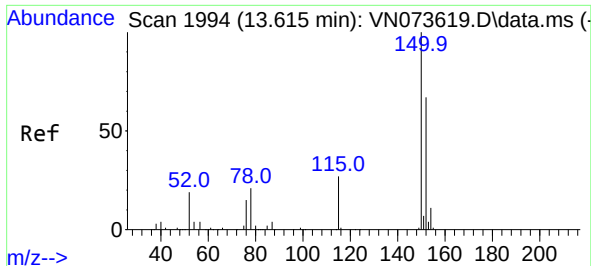
Tgt Ion: 95 Resp: 404736
Ion Ratio Lower Upper
95 100
174 94.7 0.0 167.6
176 91.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073984.D
Acq: 17 Aug 2022 18:25

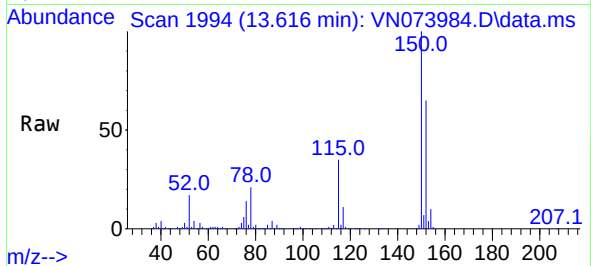
Tgt Ion: 117 Resp: 876964
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 32.9 25.4 38.0



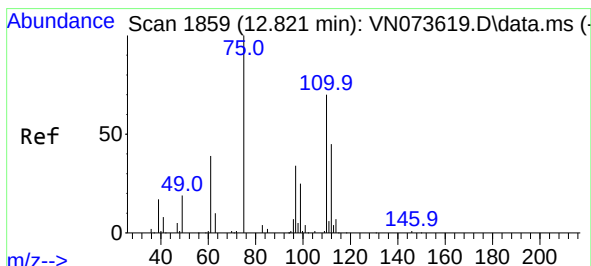
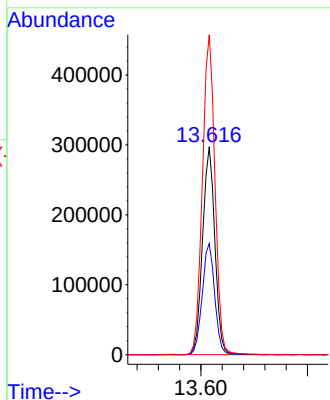
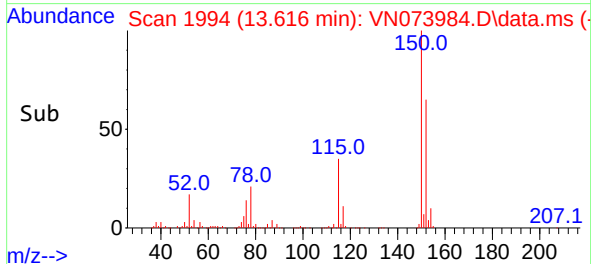


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN073984.D
 Acq: 17 Aug 2022 18:25

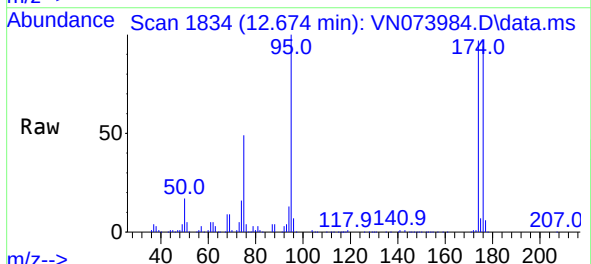
Instrument :
 MSVOA_N
 ClientSampleId :



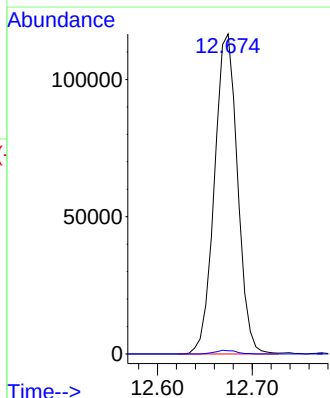
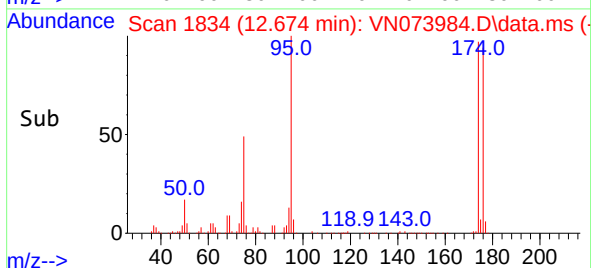
Tgt Ion:152 Resp: 477337
 Ion Ratio Lower Upper
 152 100
 115 54.0 28.9 86.7
 150 156.4 0.0 356.2

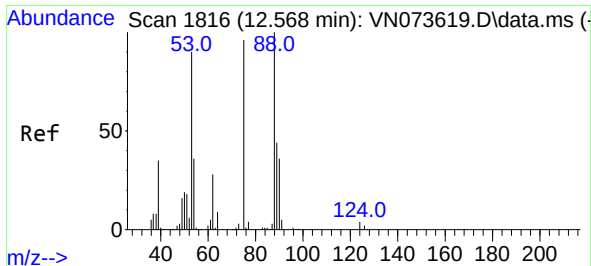


#76
 1,2,3-Trichloropropane
 Concen: 19.924 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN073984.D
 Acq: 17 Aug 2022 18:25



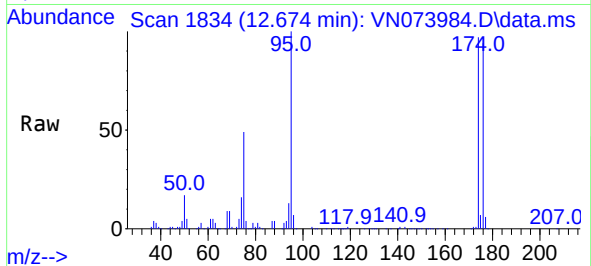
Tgt Ion: 75 Resp: 197674
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.668 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073984.D
 Acq: 17 Aug 2022 18:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 197674

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	37.2	55.8#

