

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074084.D
 Acq On : 24 Aug 2022 11:56
 Operator : JC\MD
 Sample : VN0824WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 07:52:56 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)

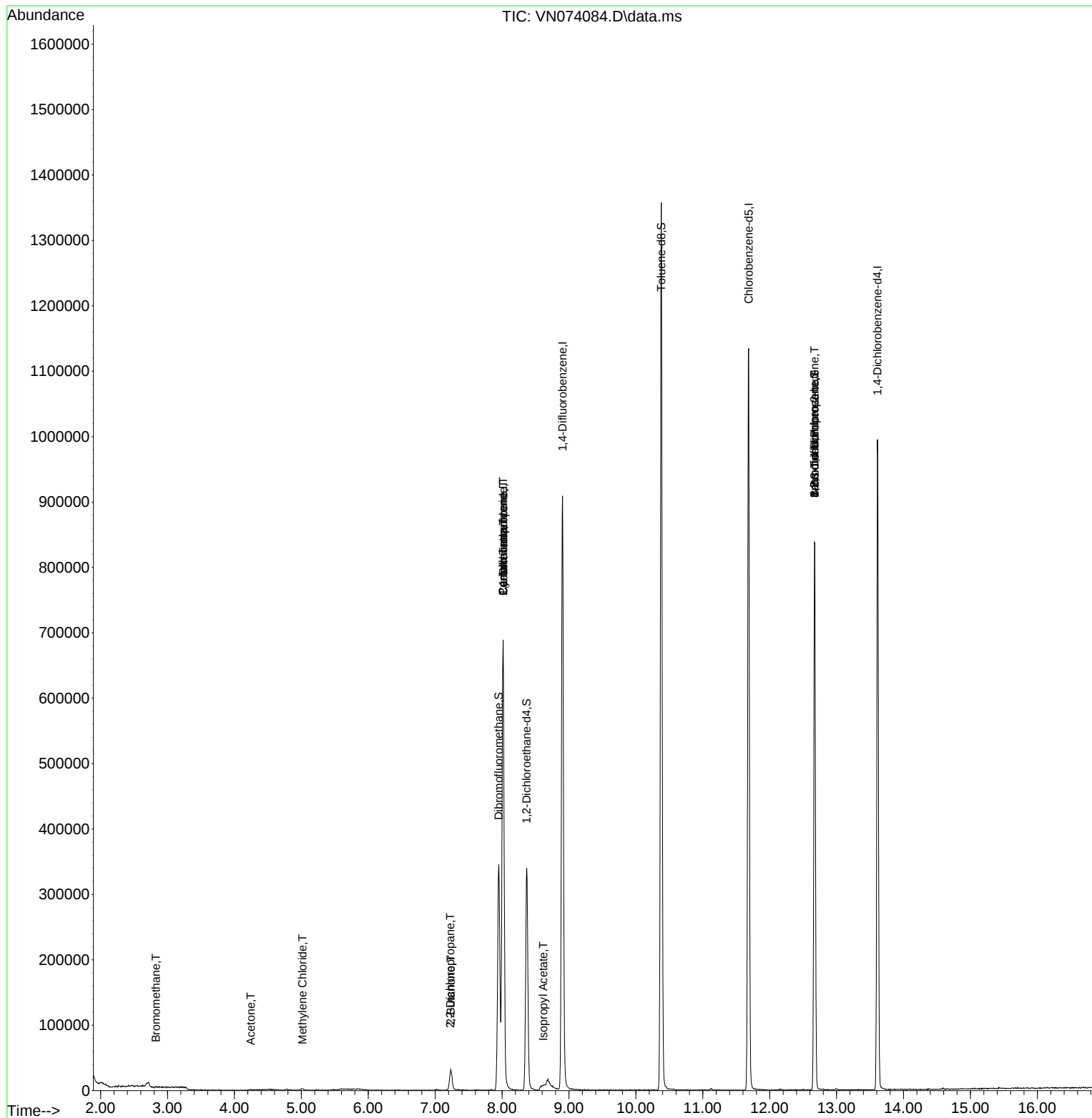
Internal Standards						
1) Pentafluorobenzene	8.016	168	572298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	859799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	708782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	290377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	288373	51.734	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.460%		
35) Dibromofluoromethane	7.951	113	257665	50.674	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.340%		
50) Toluene-d8	10.380	98	962784	48.890	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.780%		
62) 4-Bromofluorobenzene	12.669	95	287583	44.002	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.000%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	1102	0.272	ug/l #	65
16) Acetone	4.246	43	2107	0.801	ug/l	96
18) Methyl Acetate	4.787	43	3294	Below Cal	#	87
20) Methylene Chloride	5.016	84	1836	0.331	ug/l #	83
25) 2-Butanone	7.234	43	1575	0.378	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	2096	0.253	ug/l #	53
31) Cyclohexane	8.016	56	9089	1.170	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	38649	5.472	ug/l #	49
38) Carbon Tetrachloride	8.016	117	51582	6.390	ug/l #	17
43) Isopropyl Acetate	8.616	43	7566	0.621	ug/l #	53
71) Bromoform	12.669	173	1548	0.304	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	138281	22.911	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	138281	65.164	ug/l #	10

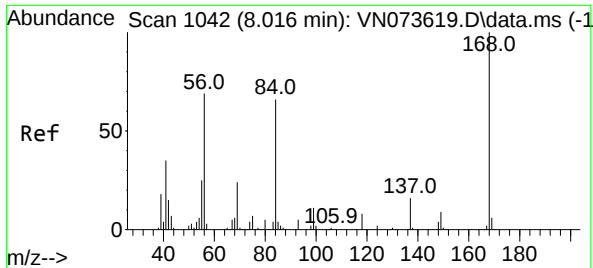
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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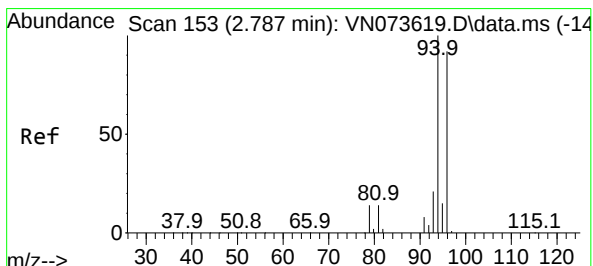
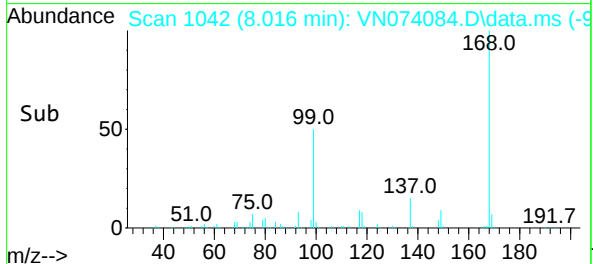
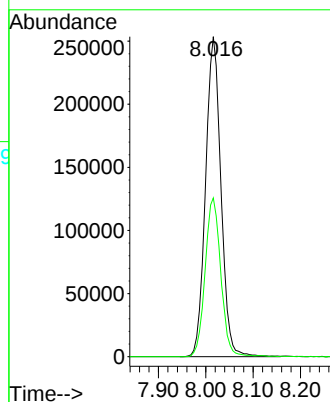
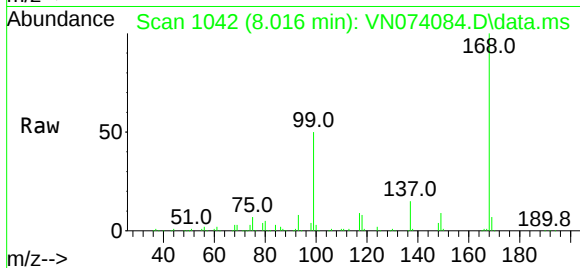




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

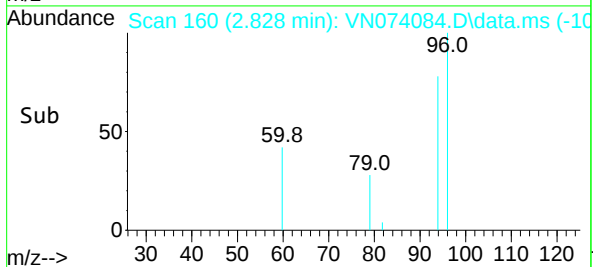
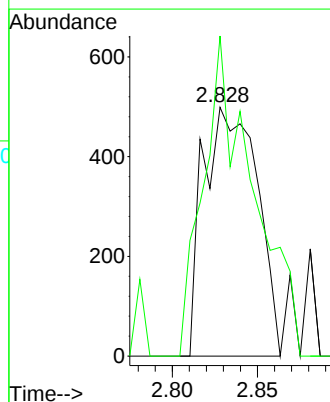
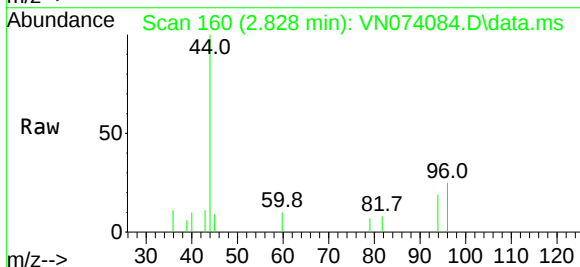
Instrument :
MSVOA_N
ClientSampleId :

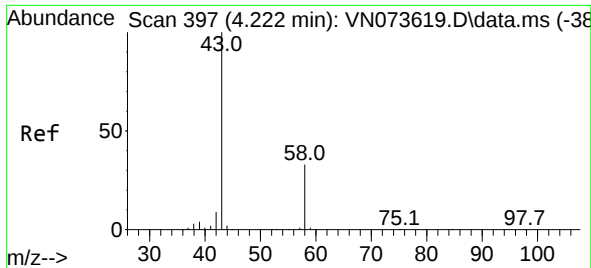
Tgt Ion:168 Resp: 572298
Ion Ratio Lower Upper
168 100
99 49.6 42.3 63.5



#5
Bromomethane
Concen: 0.272 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.041 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

Tgt Ion: 94 Resp: 1102
Ion Ratio Lower Upper
94 100
96 128.7 76.0 114.0#





#16

Acetone

Concen: 0.801 ug/l

RT: 4.246 min Scan# 401

Delta R.T. 0.024 min

Lab File: VN074084.D

Acq: 24 Aug 2022 11:56

Instrument :

MSVOA_N

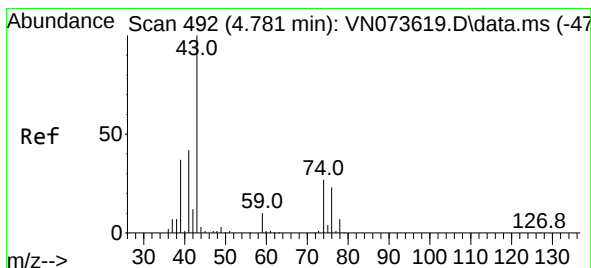
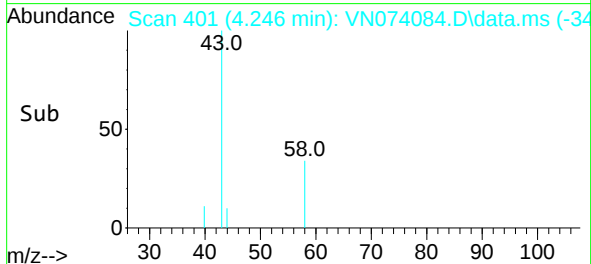
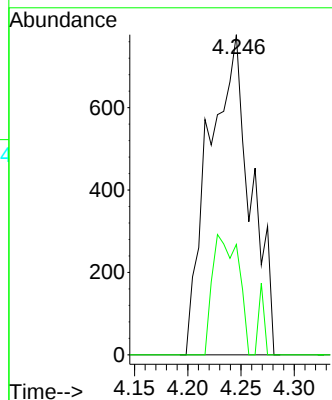
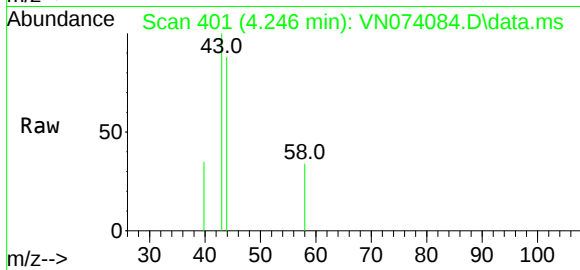
ClientSampleId :

Tgt Ion: 43 Resp: 2107

Ion Ratio Lower Upper

43 100

58 34.5 26.0 39.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.787 min Scan# 493

Delta R.T. 0.006 min

Lab File: VN074084.D

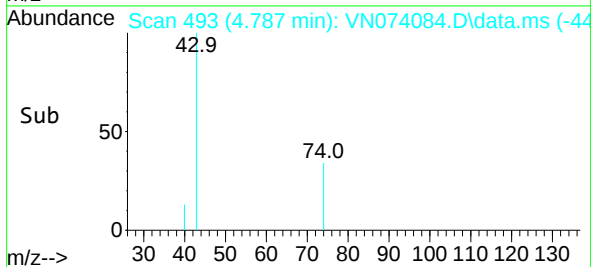
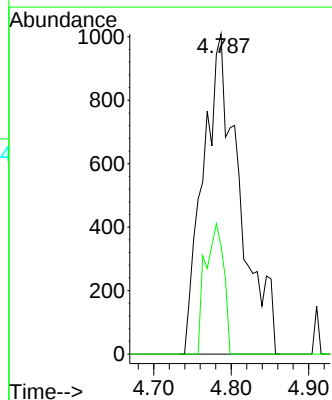
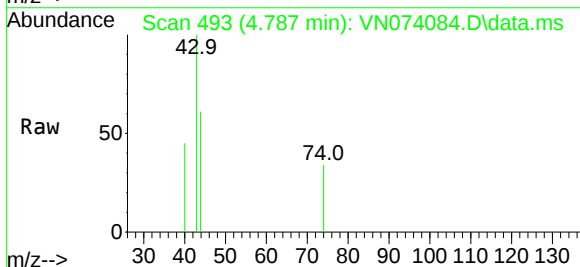
Acq: 24 Aug 2022 11:56

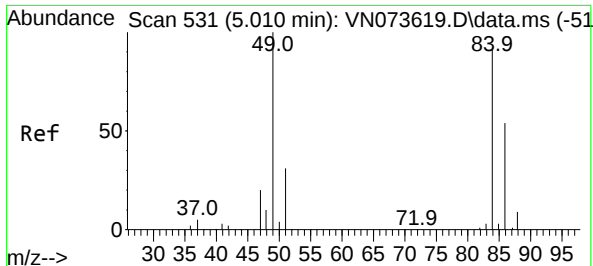
Tgt Ion: 43 Resp: 3294

Ion Ratio Lower Upper

43 100

74 20.5 21.6 32.4#





#20

Methylene Chloride

Concen: 0.331 ug/l

RT: 5.016 min Scan# 51

Delta R.T. 0.006 min

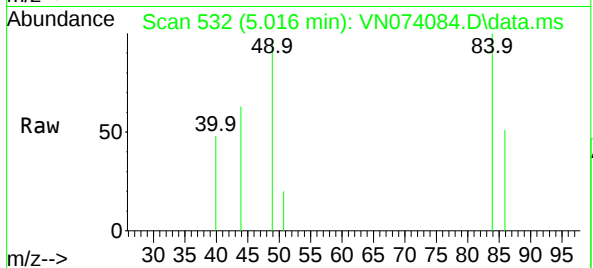
Lab File: VN074084.D

Acq: 24 Aug 2022 11:56

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 1836

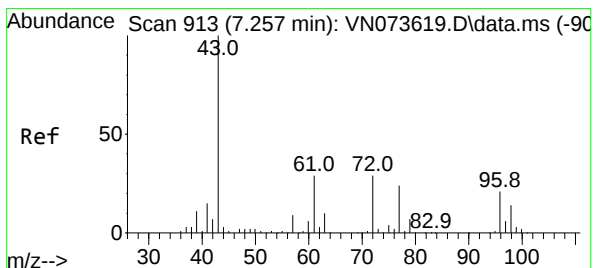
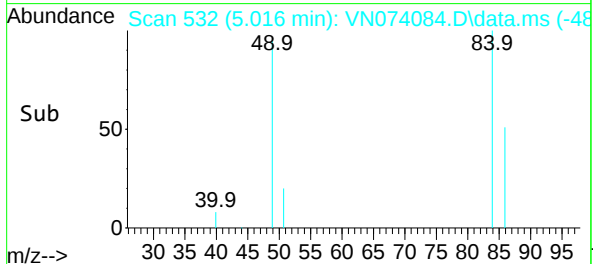
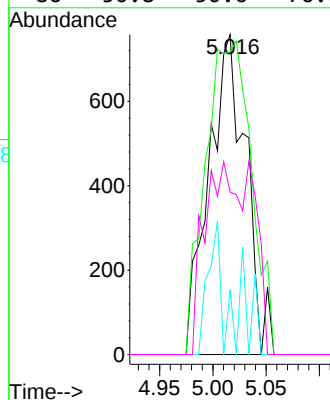
Ion Ratio Lower Upper

84 100

49 94.6 88.3 132.5

51 20.3 28.2 42.2#

86 50.8 50.6 76.0



#25

2-Butanone

Concen: 0.378 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.023 min

Lab File: VN074084.D

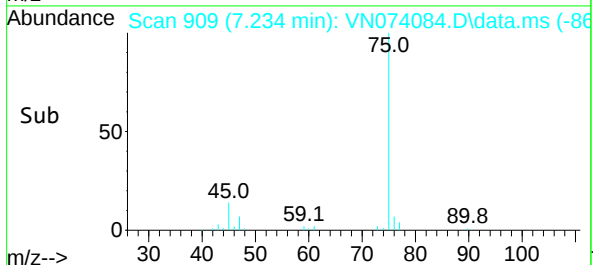
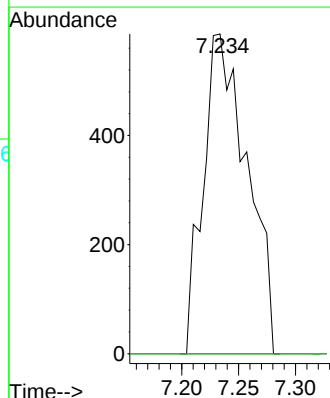
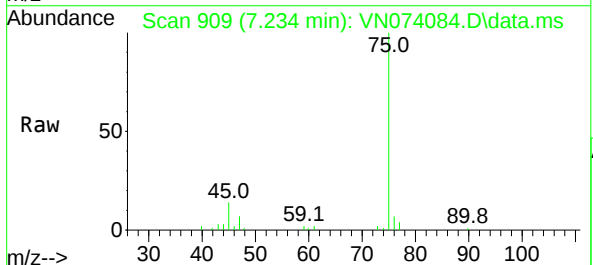
Acq: 24 Aug 2022 11:56

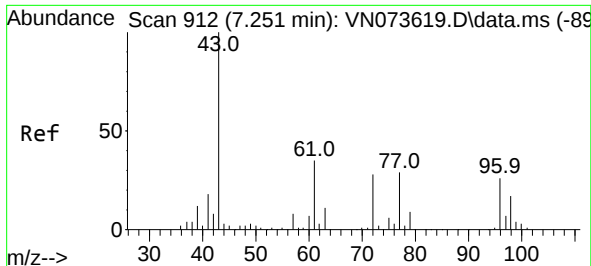
Tgt Ion: 43 Resp: 1575

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.253 ug/l

RT: 7.228 min Scan# 90

Delta R.T. -0.023 min

Lab File: VN074084.D

Acq: 24 Aug 2022 11:56

Instrument :

MSVOA_N

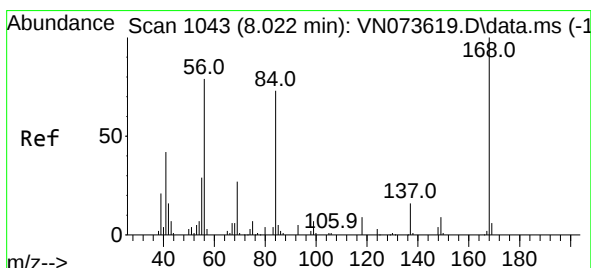
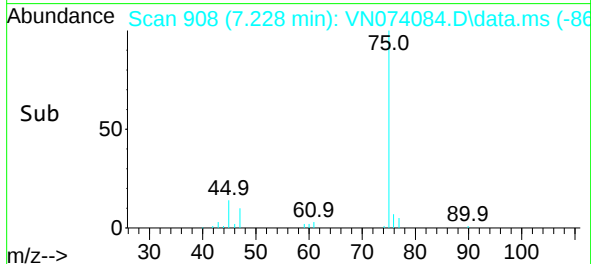
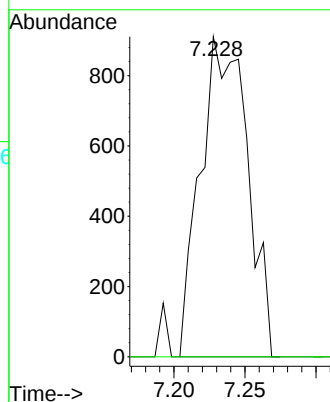
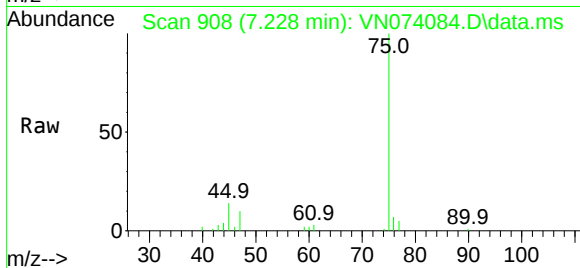
ClientSampleId :

Tgt Ion: 77 Resp: 2096

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.170 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN074084.D

Acq: 24 Aug 2022 11:56

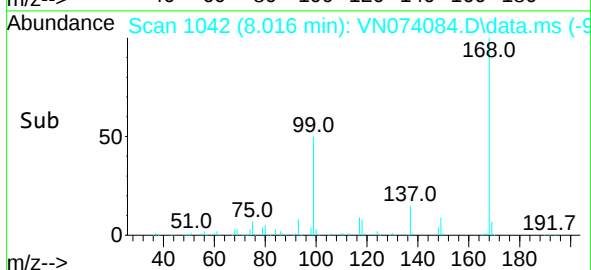
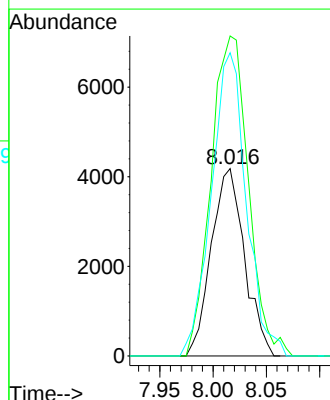
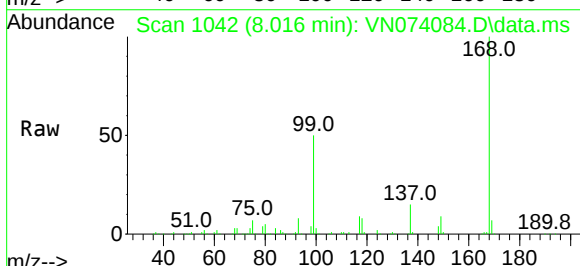
Tgt Ion: 56 Resp: 9089

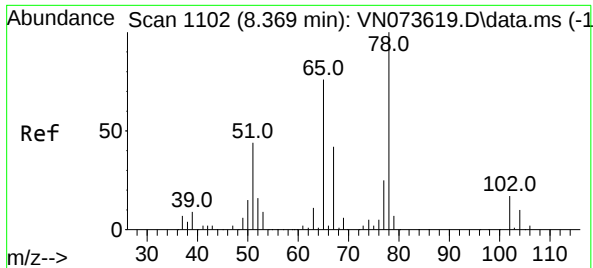
Ion Ratio Lower Upper

56 100

69 170.7 27.8 41.8#

84 161.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 51.734 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074084.D

Acq: 24 Aug 2022 11:56

Instrument :

MSVOA_N

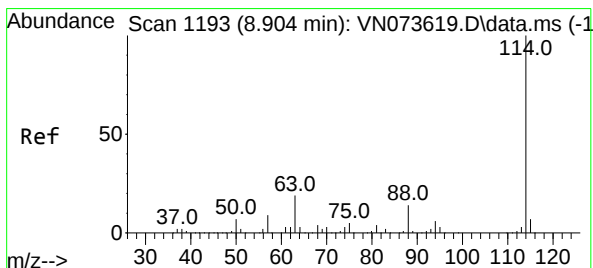
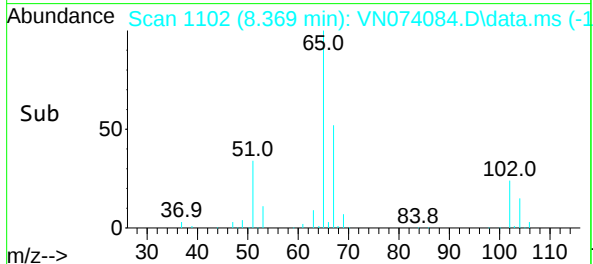
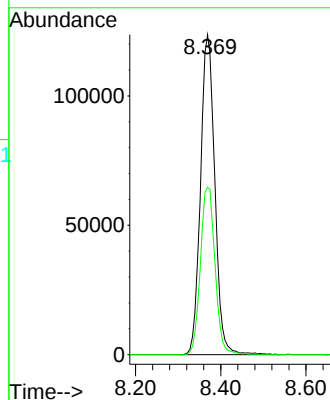
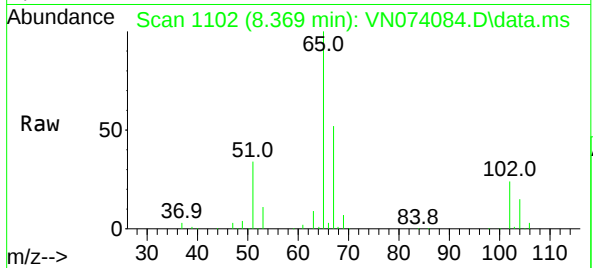
ClientSampleId :

Tgt Ion: 65 Resp: 288373

Ion Ratio Lower Upper

65 100

67 53.6 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: VN074084.D

Acq: 24 Aug 2022 11:56

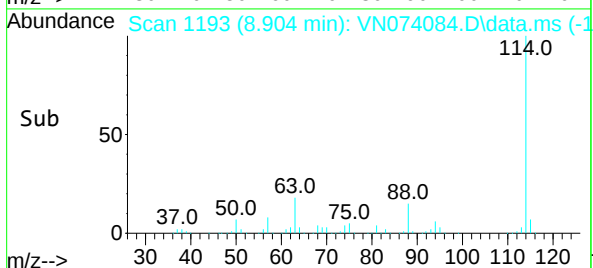
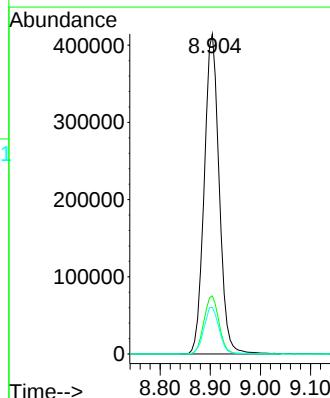
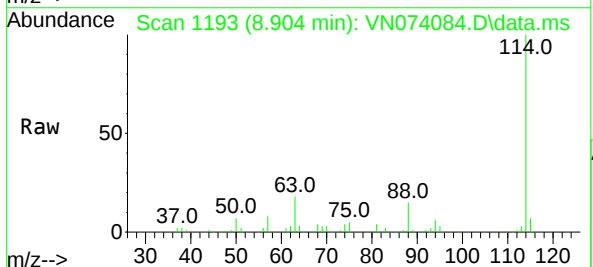
Tgt Ion: 114 Resp: 859799

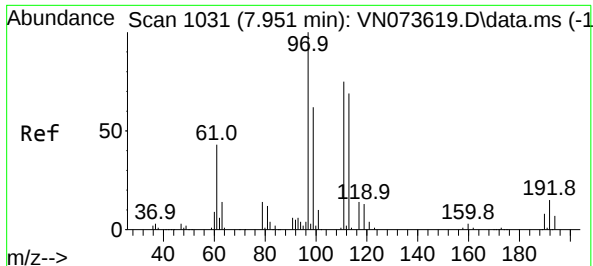
Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

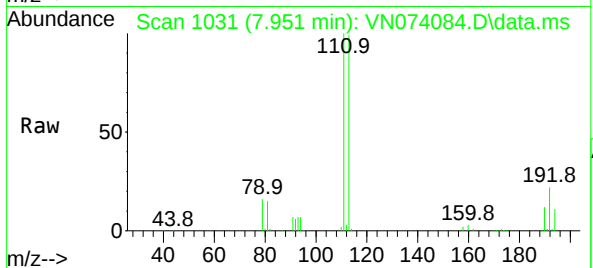
88 14.6 0.0 32.6



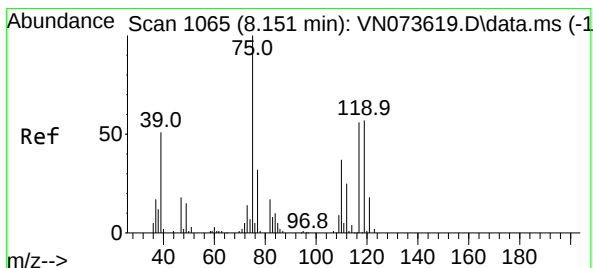
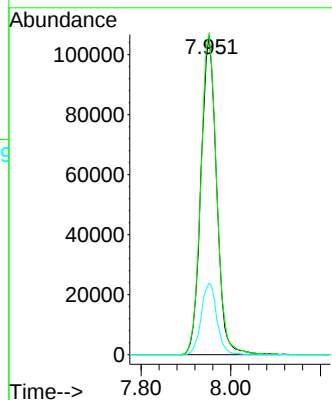
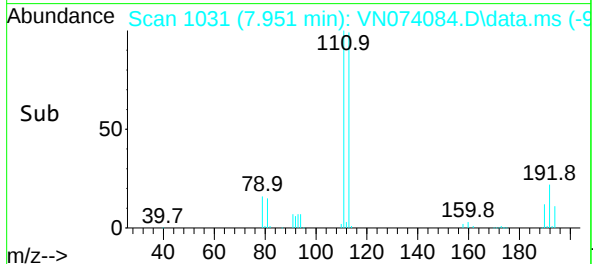


#35
Dibromofluoromethane
Concen: 50.674 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :

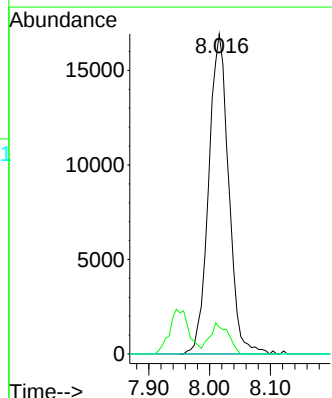
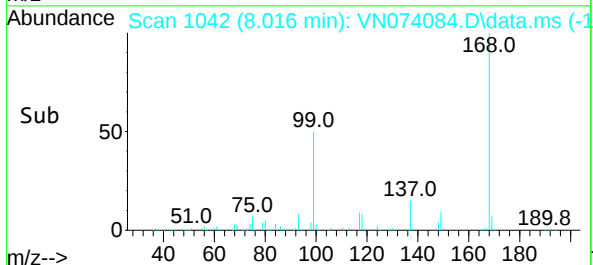
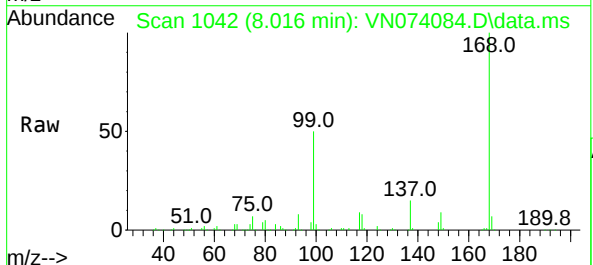


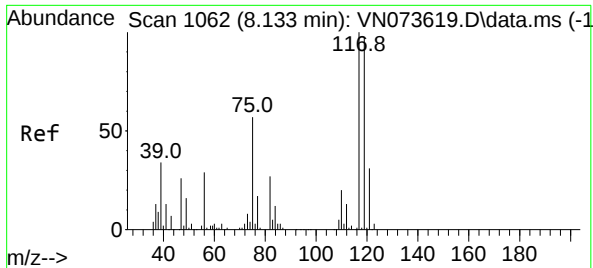
Tgt Ion:113 Resp: 257665
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 22.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.472 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

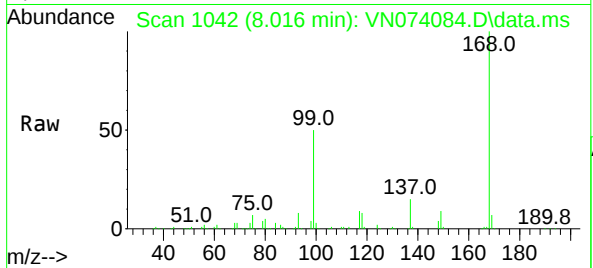
Tgt Ion: 75 Resp: 38649
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#



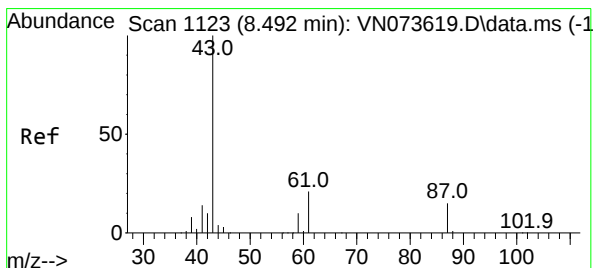
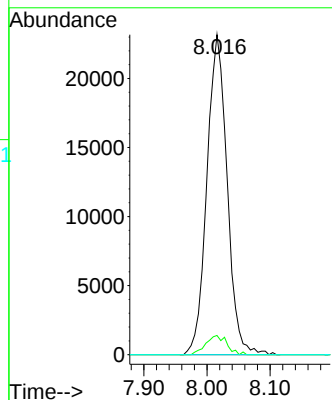
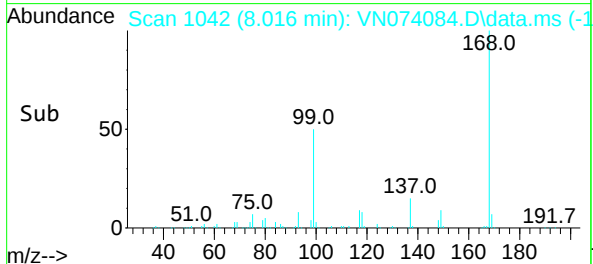


#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 8.016 min Scan# 1144
Delta R.T. -0.117 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

Instrument :
MSVOA_N
ClientSampleId :

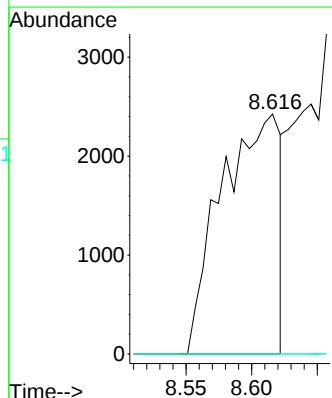
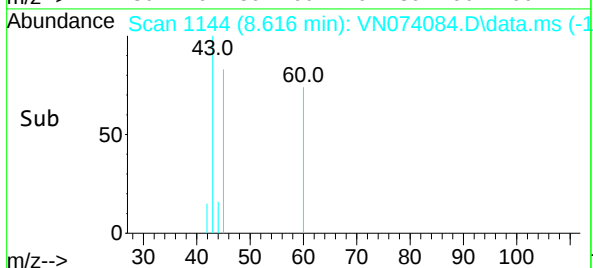
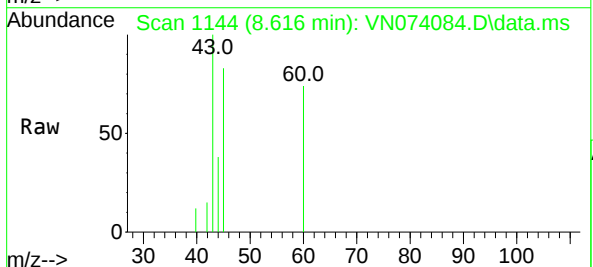


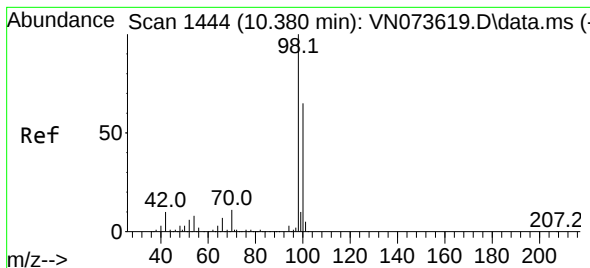
Tgt Ion:117 Resp: 51582
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.621 ug/l
RT: 8.616 min Scan# 1144
Delta R.T. 0.124 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

Tgt Ion: 43 Resp: 7566
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

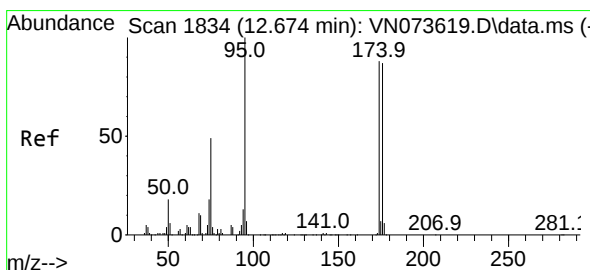
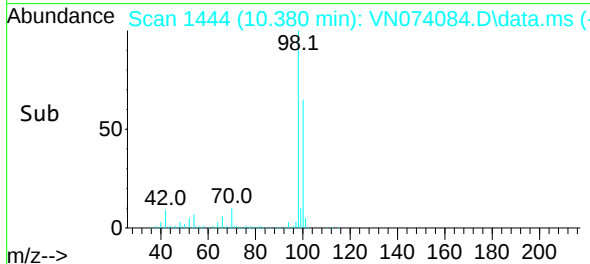
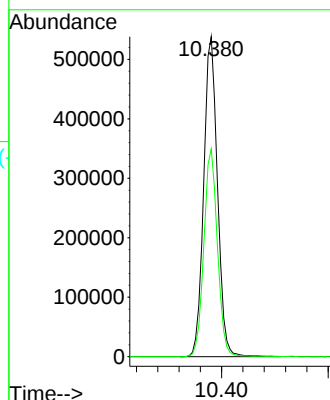
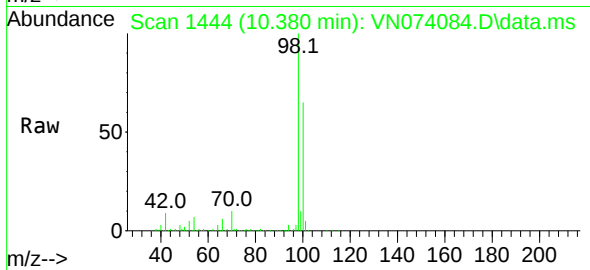




#50
Toluene-d8
Concen: 48.890 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

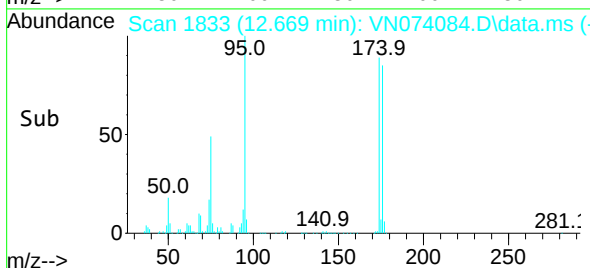
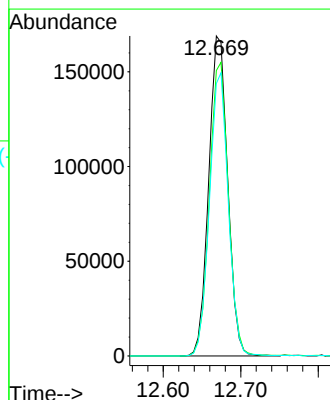
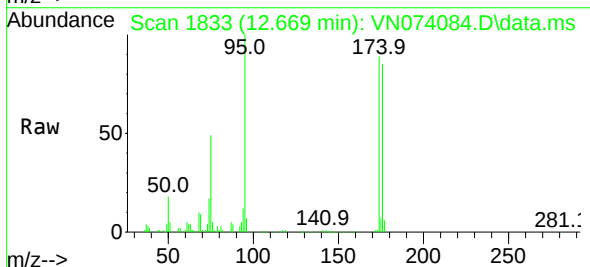
Instrument :
MSVOA_N
ClientSampleId :

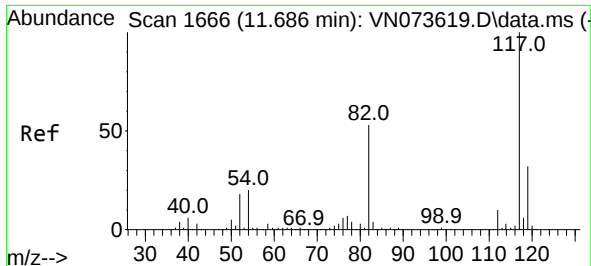
Tgt Ion: 98 Resp: 962784
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.002 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

Tgt Ion: 95 Resp: 287583
Ion Ratio Lower Upper
95 100
174 91.5 0.0 167.6
176 87.3 0.0 163.4

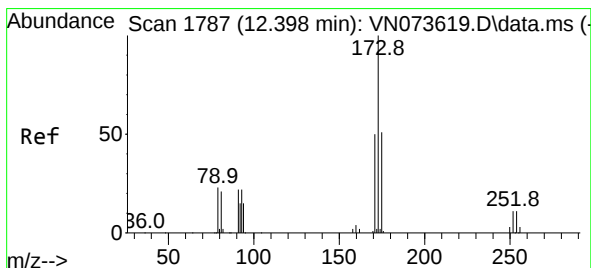
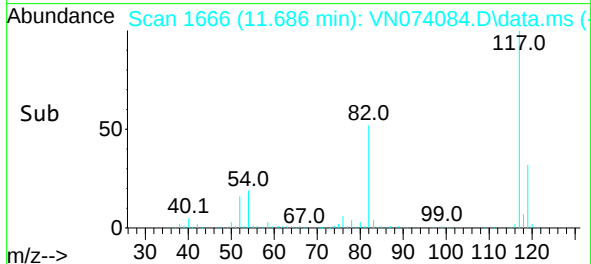
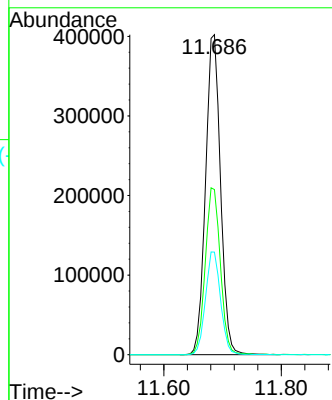
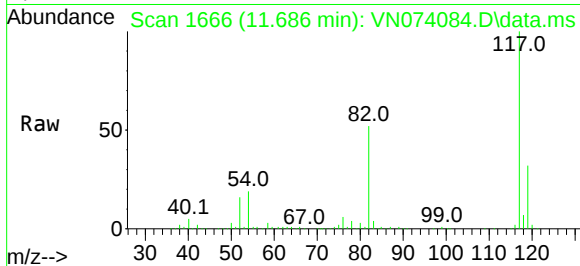




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

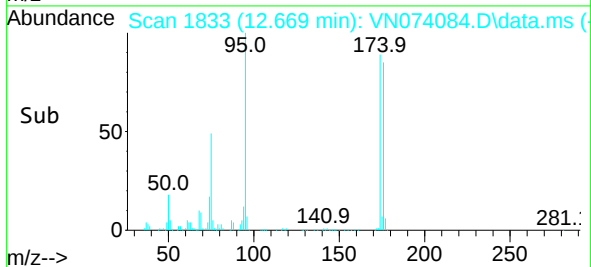
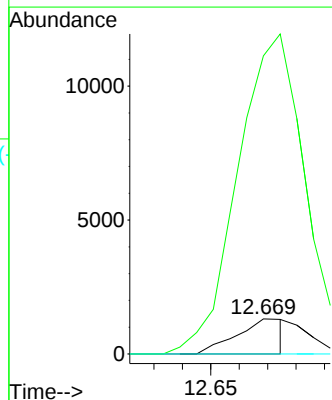
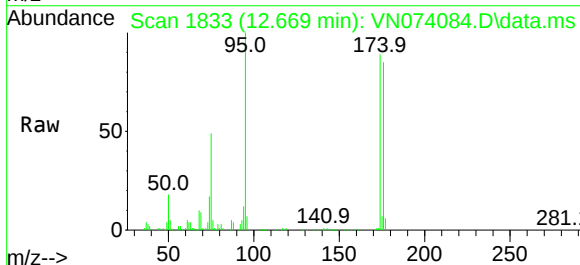
Instrument :
MSVOA_N
ClientSampleId :

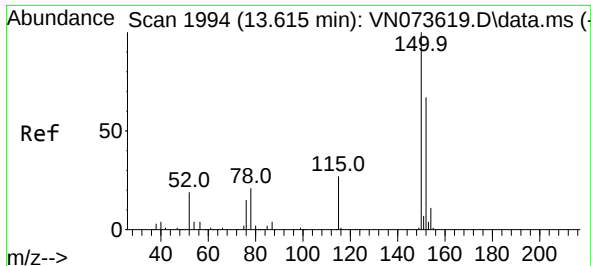
Tgt Ion:117 Resp: 708782
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 32.1 25.4 38.0



#71
Bromoform
Concen: 0.304 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074084.D
Acq: 24 Aug 2022 11:56

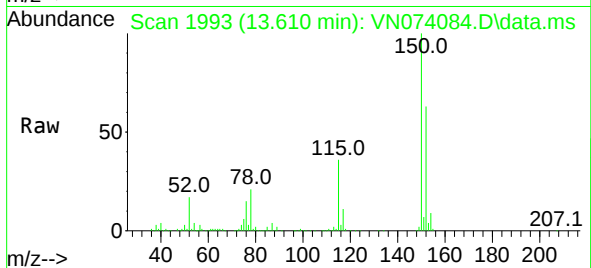
Tgt Ion:173 Resp: 1548
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



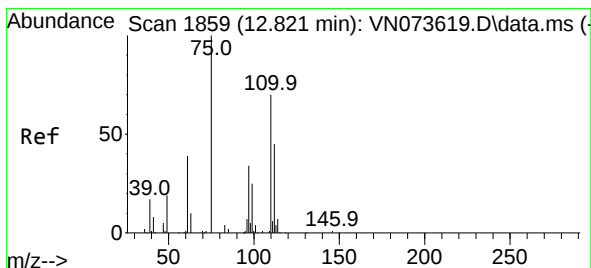
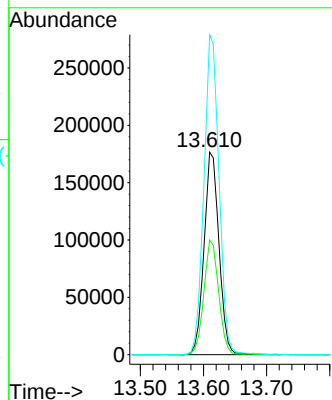
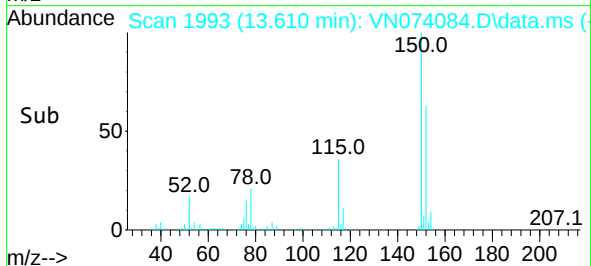


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1994
 Delta R.T. -0.005 min
 Lab File: VN074084.D
 Acq: 24 Aug 2022 11:56

Instrument :
 MSVOA_N
 ClientSampleId :

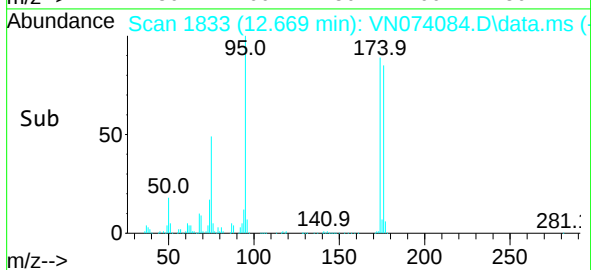
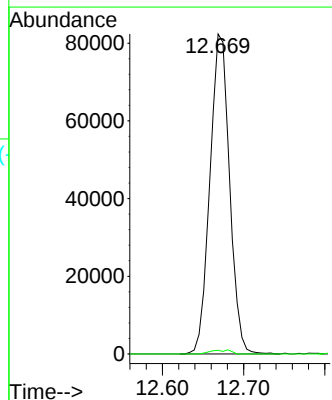
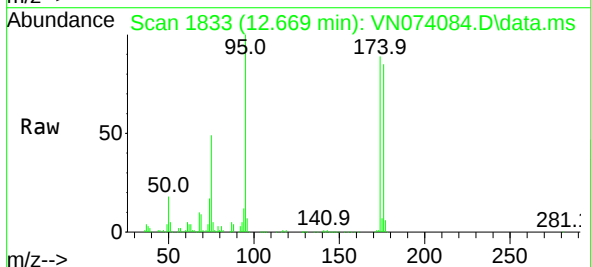


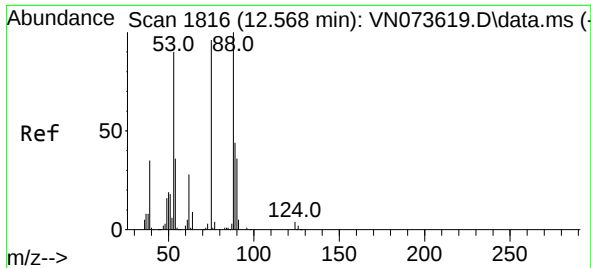
Tgt Ion:152 Resp: 290377
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.9 86.7
 150 159.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 22.911 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.152 min
 Lab File: VN074084.D
 Acq: 24 Aug 2022 11:56

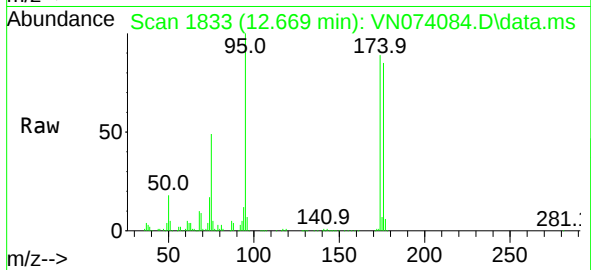
Tgt Ion: 75 Resp: 138281
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.164 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.101 min
 Lab File: VN074084.D
 Acq: 24 Aug 2022 11:56

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 138281
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

