

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082986.D
 Acq On : 19 Jul 2024 14:10
 Operator : JC\MD
 Sample : P3307-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 22 02:05:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

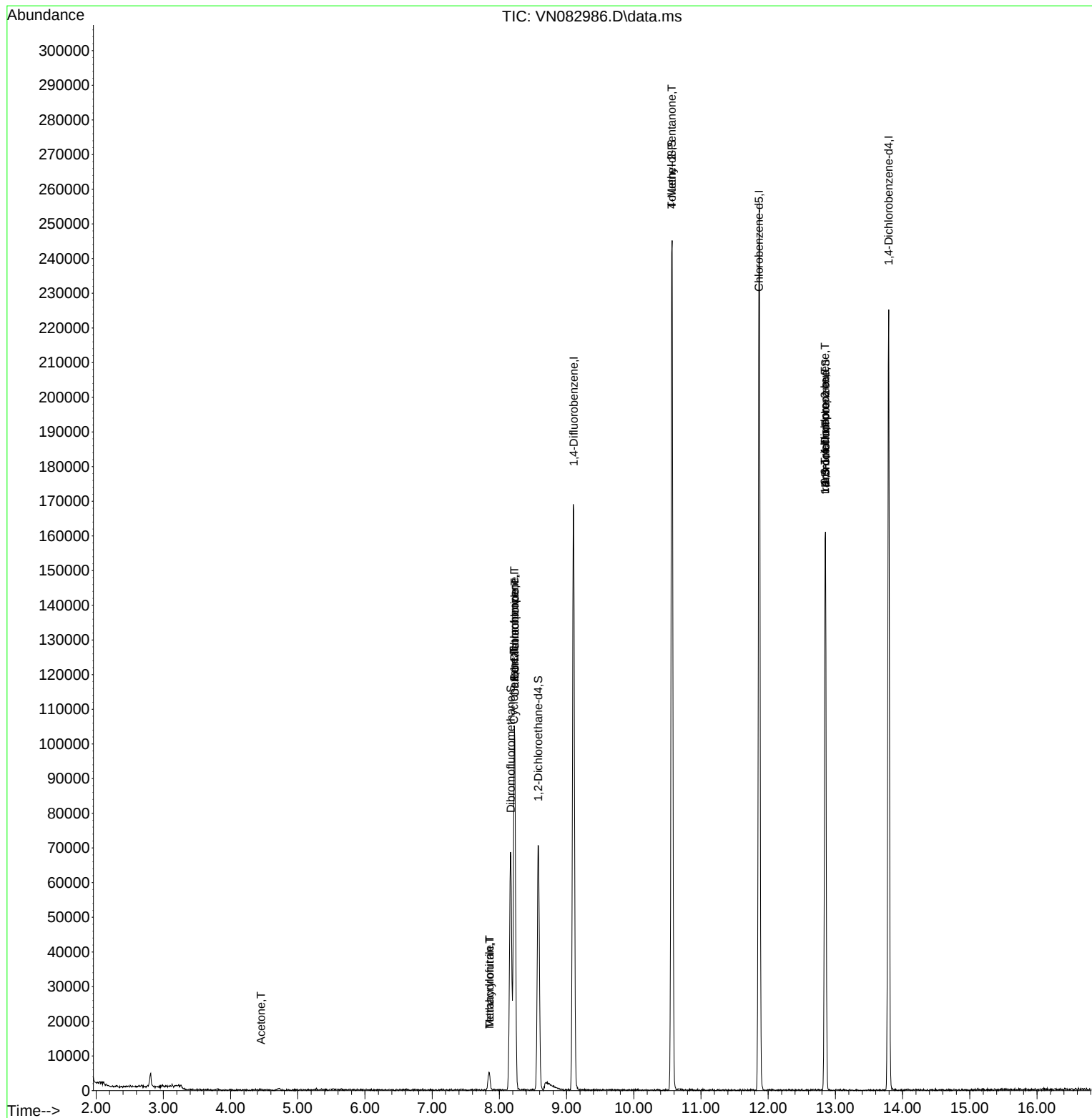
Internal Standards						
1) Pentafluorobenzene	8.224	168	73209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	143883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	143850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	59045	57.535	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.080%		
35) Dibromofluoromethane	8.171	113	48695	52.742	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.480%		
50) Toluene-d8	10.565	98	169278	49.641	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.280%		
62) 4-Bromofluorobenzene	12.853	95	51017	41.649	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 83.300%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	503	1.392	ug/l #	48
29) Tetrahydrofuran	7.853	42	3450	10.045	ug/l	96
31) Cyclohexane	8.218	56	1968	1.467	ug/l #	54
36) 1,1-Dichloropropene	8.224	75	6206	4.875	ug/l #	51
38) Carbon Tetrachloride	8.230	117	8058	5.258	ug/l #	16
41) Methacrylonitrile	7.853	41	2123	3.041	ug/l #	49
43) Isopropyl Acetate	8.682	43	800	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	698	0.543	ug/l #	1
71) Bromoform	12.853	173	568	0.659	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	30327	30.496	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	30327	59.977	ug/l #	6

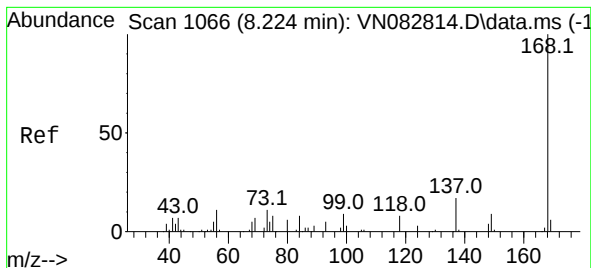
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.005 min

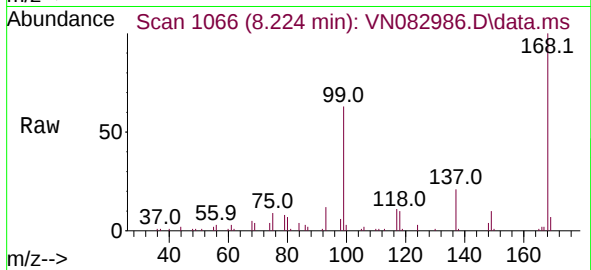
Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

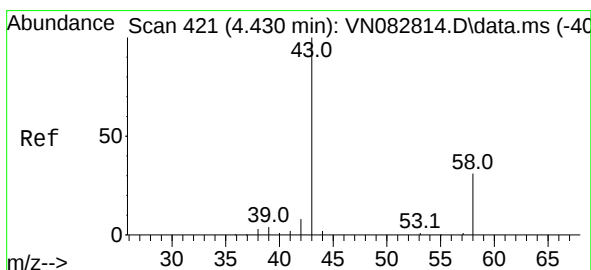
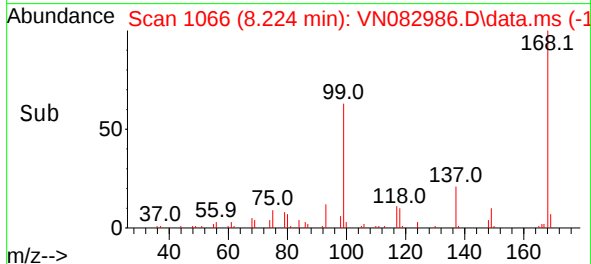
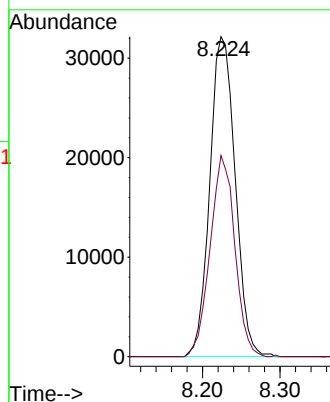


Tgt Ion:168 Resp: 73209

Ion Ratio Lower Upper

168 100

99 62.9 48.2 72.4



#16

Acetone

Concen: 1.392 ug/l

RT: 4.453 min Scan# 425

Delta R.T. 0.023 min

Lab File: VN082986.D

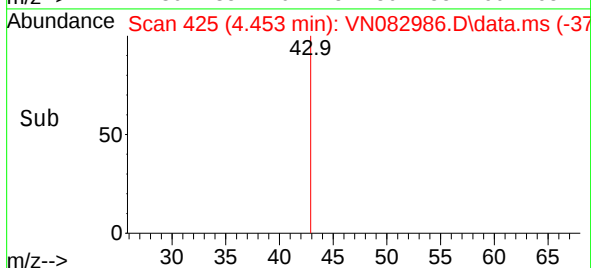
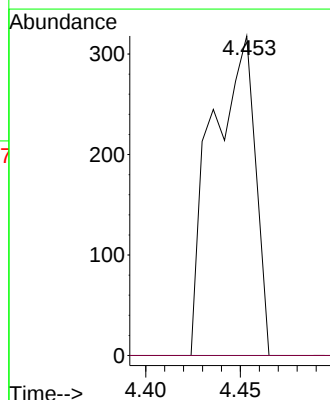
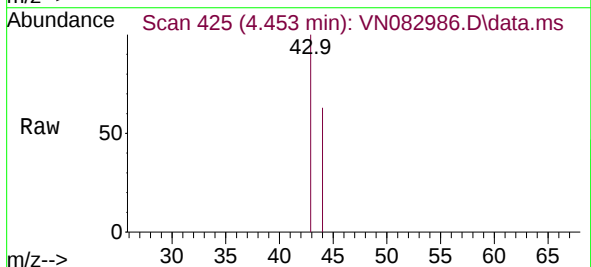
Acq: 19 Jul 2024 14:10

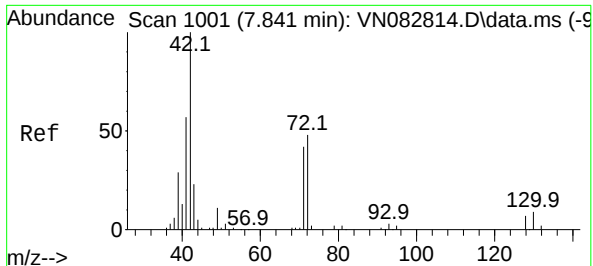
Tgt Ion: 43 Resp: 503

Ion Ratio Lower Upper

43 100

58 0.0 21.8 32.6#

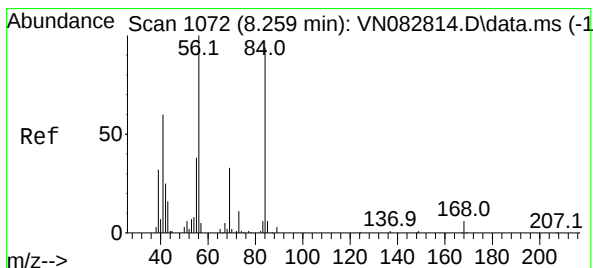
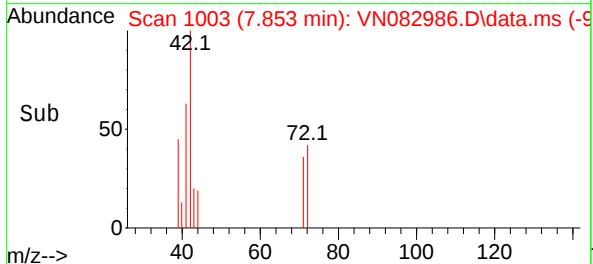
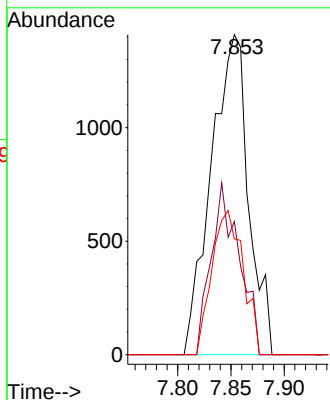
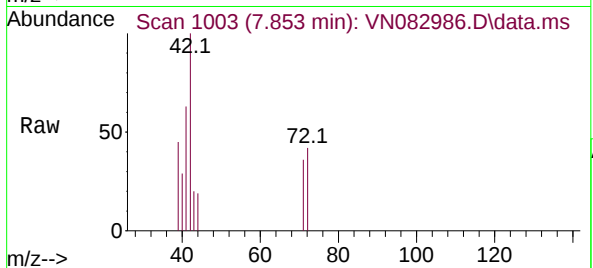




#29
Tetrahydrofuran
Concen: 10.045 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN082986.D
Acq: 19 Jul 2024 14:10

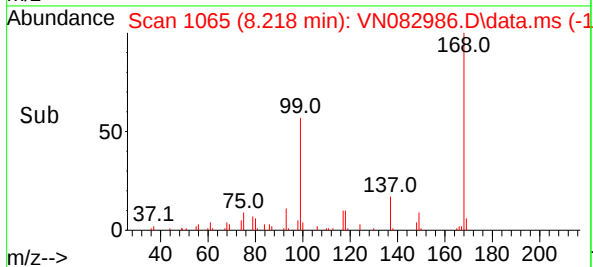
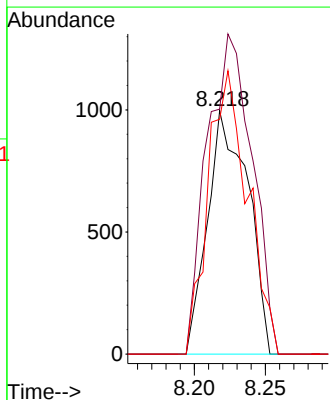
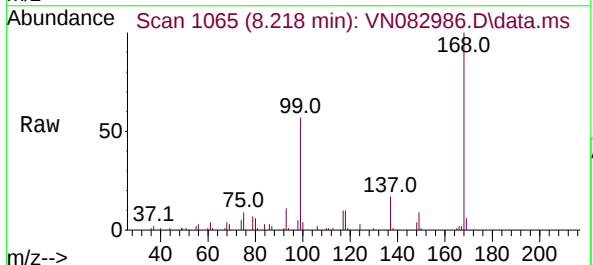
Instrument :
MSVOA_N
ClientSampleId :

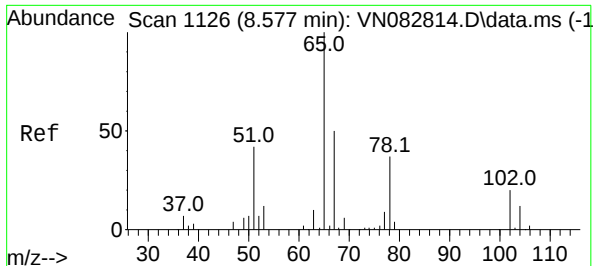
Tgt Ion:	42	Resp:	3450
Ion	Ratio	Lower	Upper
42	100		
72	40.5	30.0	45.0
71	37.5	28.3	42.5



#31
Cyclohexane
Concen: 1.467 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082986.D
Acq: 19 Jul 2024 14:10

Tgt Ion:	56	Resp:	1968
Ion	Ratio	Lower	Upper
56	100		
69	100.6	24.5	36.7#
84	96.5	66.0	99.0

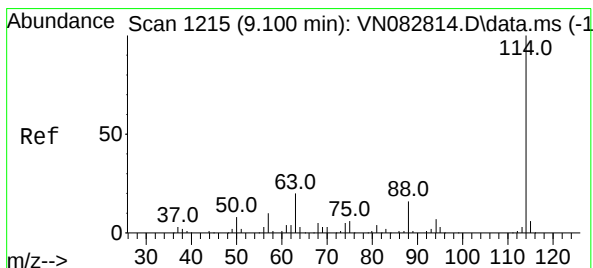
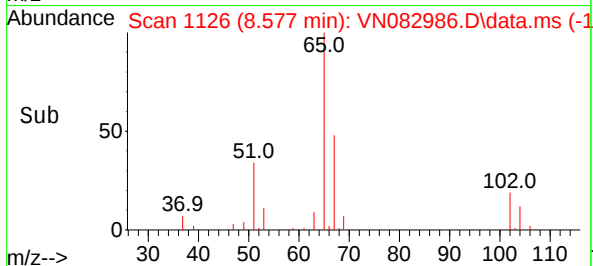
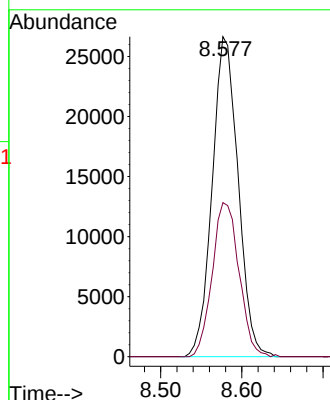
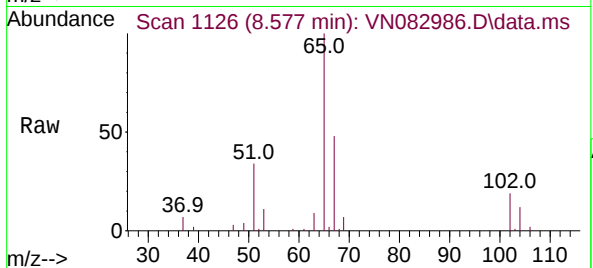




#33
 1,2-Dichloroethane-d4
 Concen: 57.535 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN082986.D
 Acq: 19 Jul 2024 14:10

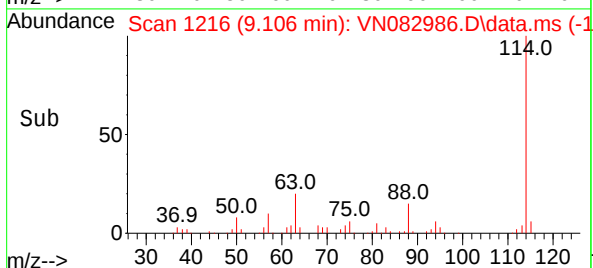
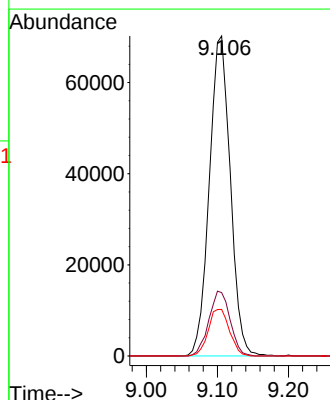
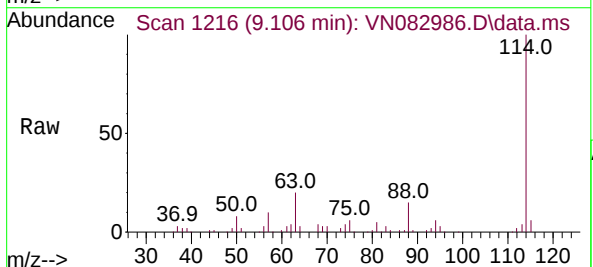
Instrument :
 MSVOA_N
 ClientSampleId :

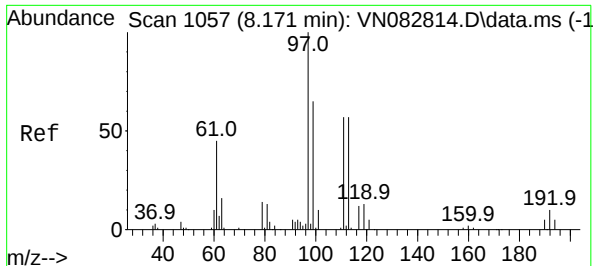
Tgt Ion: 65 Resp: 59045
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082986.D
 Acq: 19 Jul 2024 14:10

Tgt Ion: 114 Resp: 143883
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.6
 88 14.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.742 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

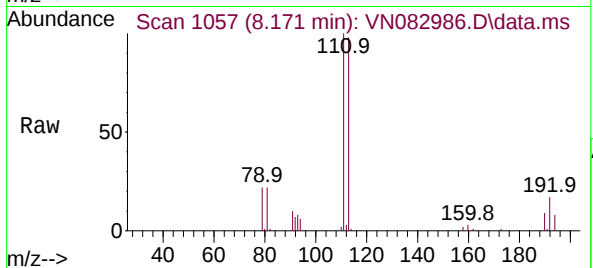
Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

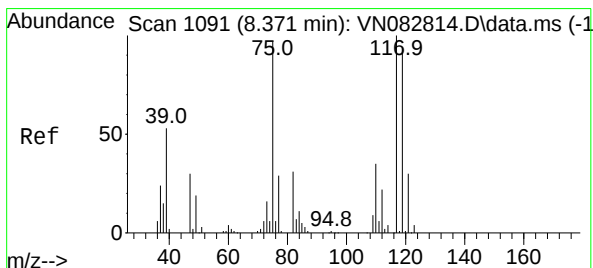
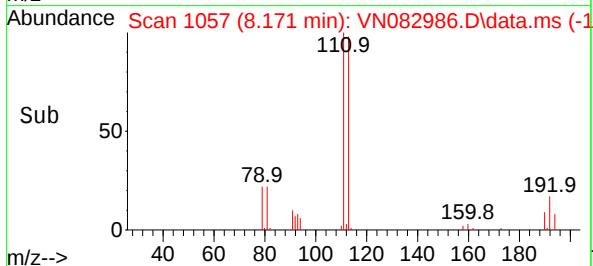
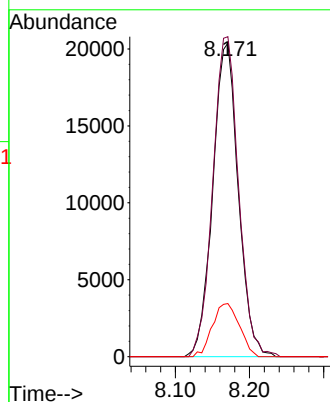
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	48695
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	17.9	14.9	22.3



#36

1,1-Dichloropropene

Concen: 4.875 ug/l

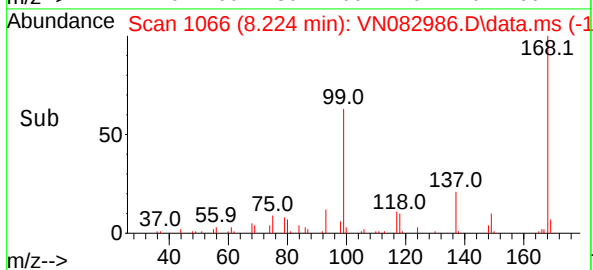
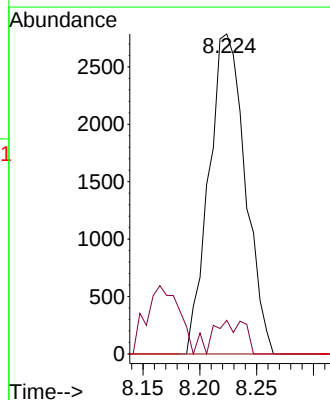
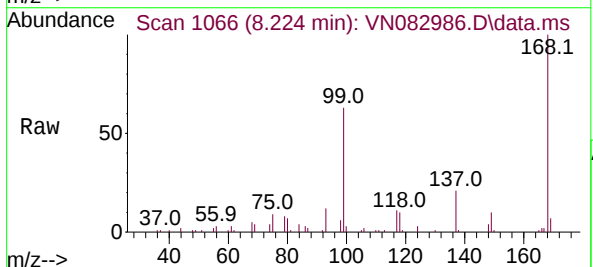
RT: 8.224 min Scan# 1066

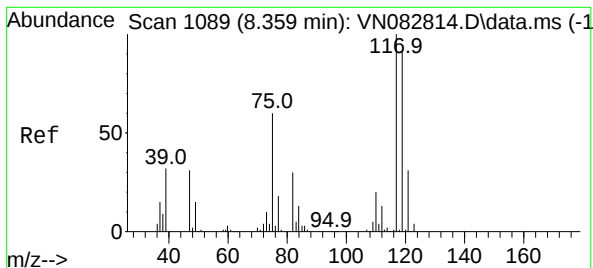
Delta R.T. -0.147 min

Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

Tgt Ion:	75	Resp:	6206
Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.3	48.9#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.258 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

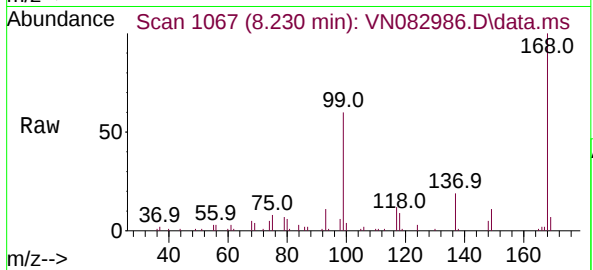
Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :



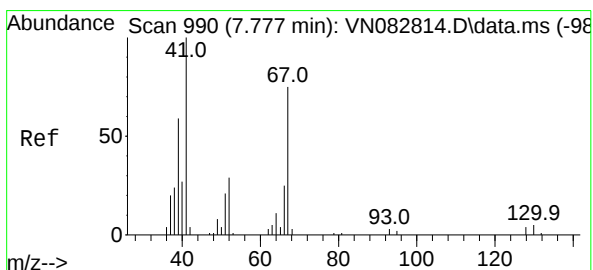
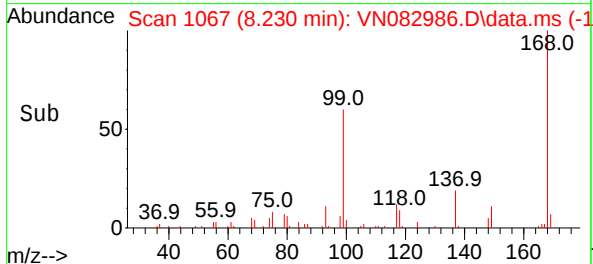
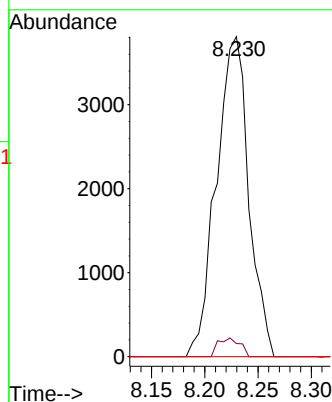
Tgt Ion:117 Resp: 8058

Ion Ratio Lower Upper

117 100

119 4.1 74.9 112.3#

121 0.0 24.3 36.5#



#41

Methacrylonitrile

Concen: 3.041 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.071 min

Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

Tgt Ion: 41 Resp: 2123

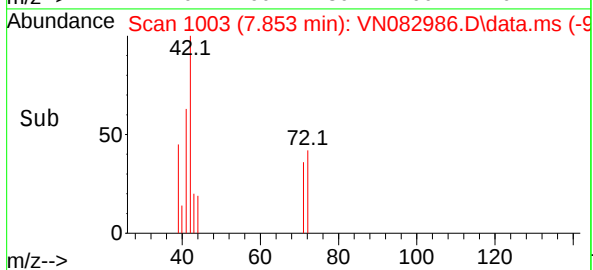
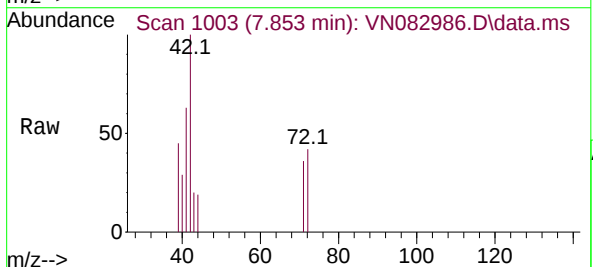
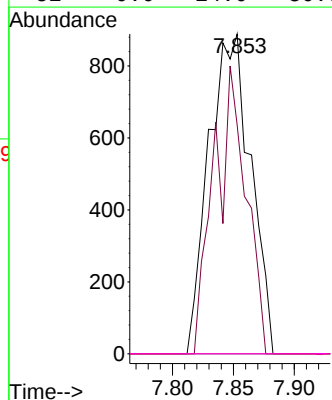
Ion Ratio Lower Upper

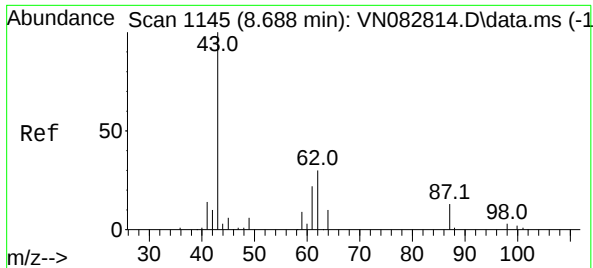
41 100

39 68.8 45.5 68.3#

67 0.0 50.5 75.7#

52 0.0 24.0 36.0#

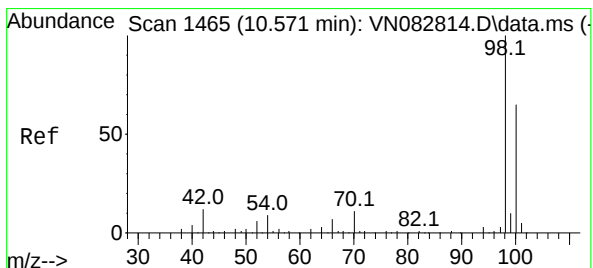
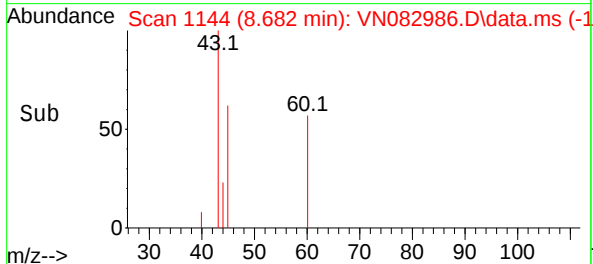
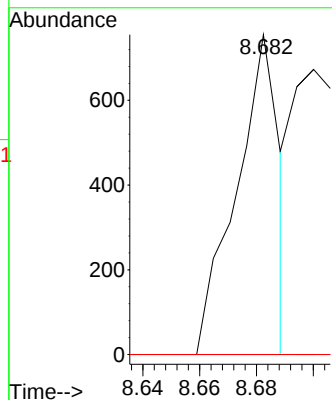
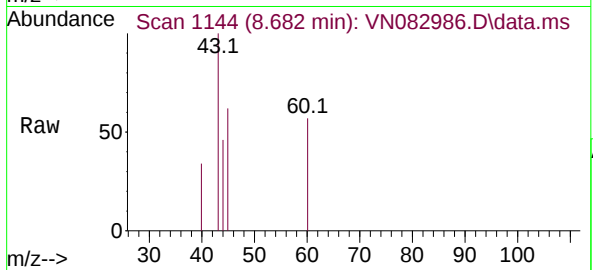




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1145
Delta R.T. -0.012 min
Lab File: VN082986.D
Acq: 19 Jul 2024 14:10

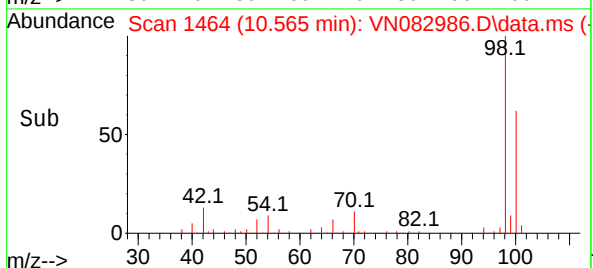
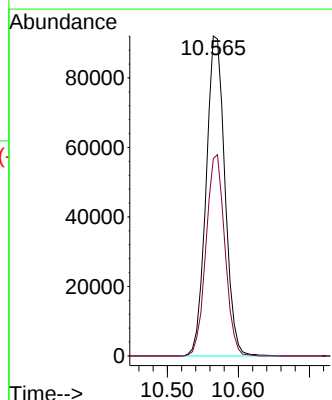
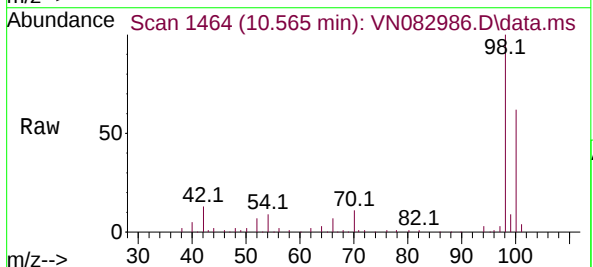
Instrument :
MSVOA_N
ClientSampleId :

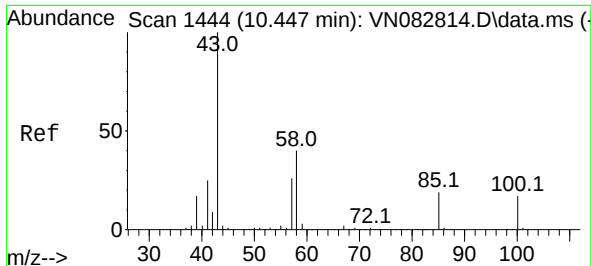
Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 49.641 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082986.D
Acq: 19 Jul 2024 14:10

Tgt Ion: 98 Resp: 169278
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.543 ug/l

RT: 10.565 min Scan# 1444

Delta R.T. 0.118 min

Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

Instrument :

MSVOA_N

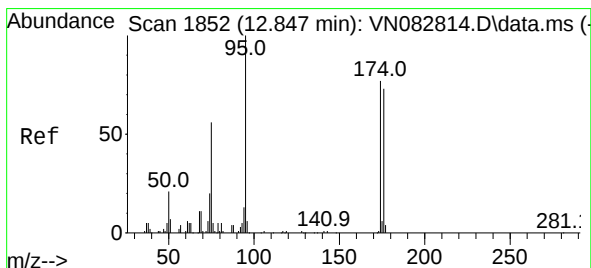
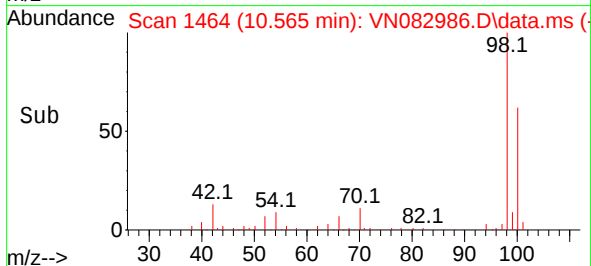
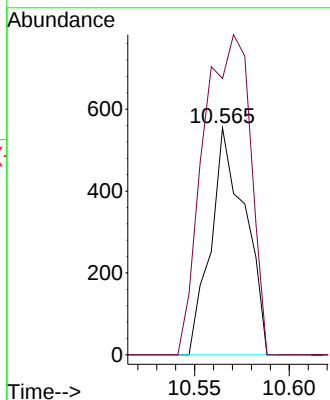
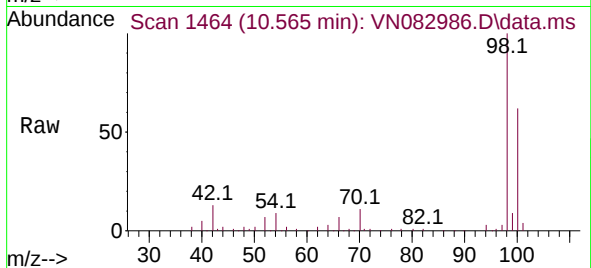
ClientSampleId :

Tgt Ion: 43 Resp: 698

Ion Ratio Lower Upper

43 100

58 193.7 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 41.649 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

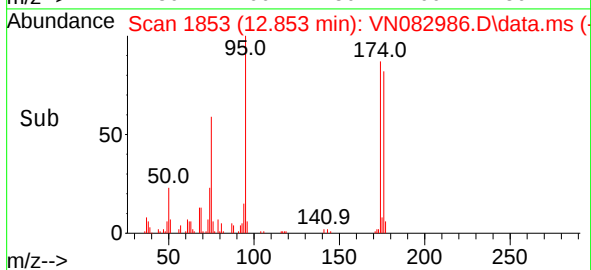
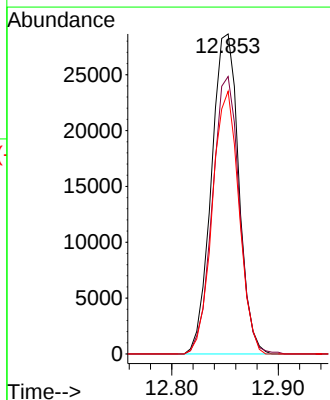
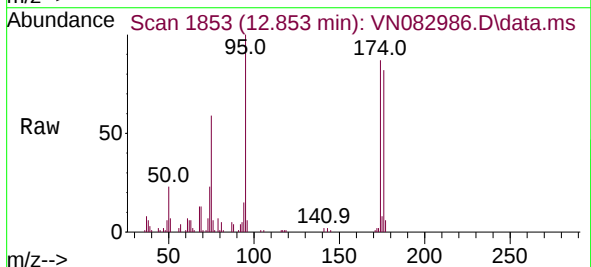
Tgt Ion: 95 Resp: 51017

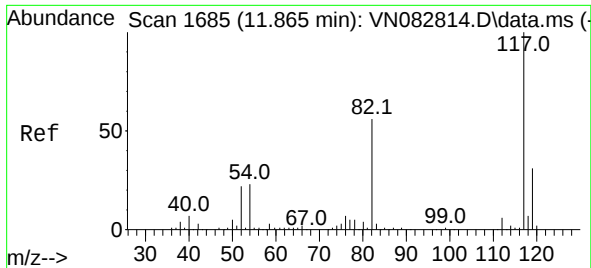
Ion Ratio Lower Upper

95 100

174 85.2 0.0 159.2

176 80.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

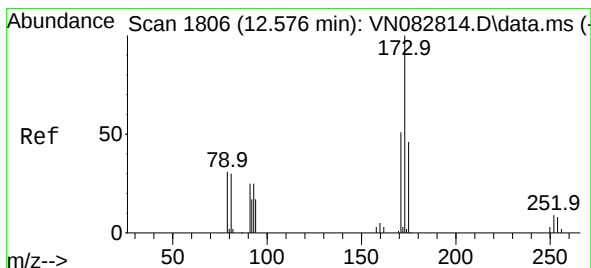
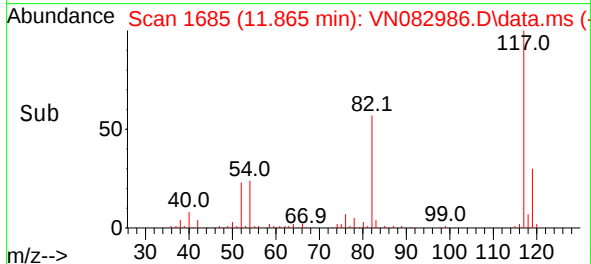
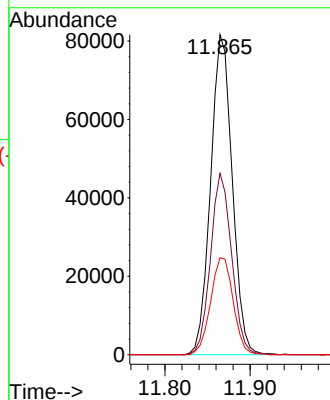
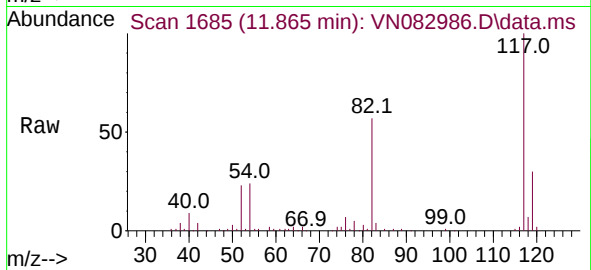
Tgt Ion:117 Resp: 143850

Ion Ratio Lower Upper

117 100

82 56.6 47.5 71.3

119 30.3 25.6 38.4



#71

Bromoform

Concen: 0.659 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

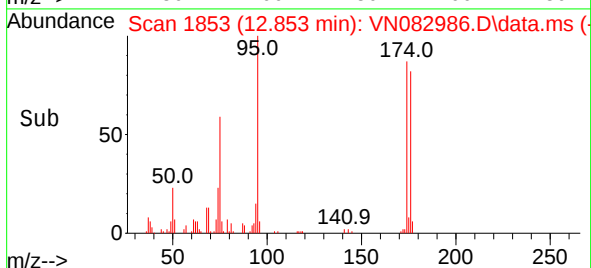
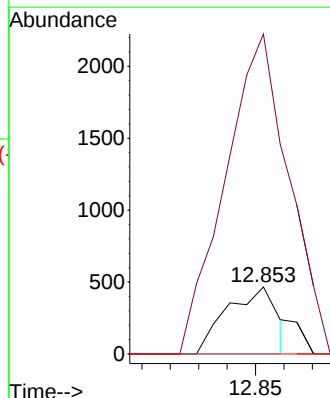
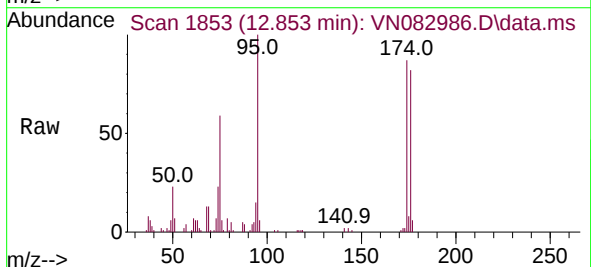
Tgt Ion:173 Resp: 568

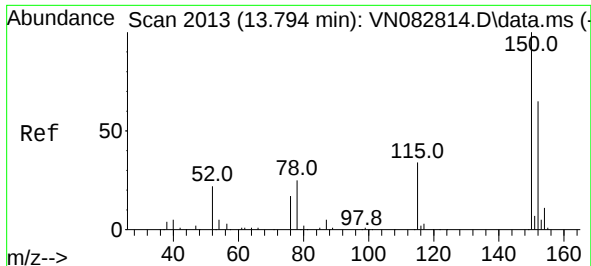
Ion Ratio Lower Upper

173 100

175 515.8 24.0 72.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN082986.D

Acq: 19 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

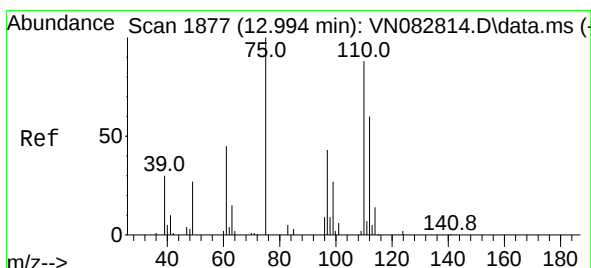
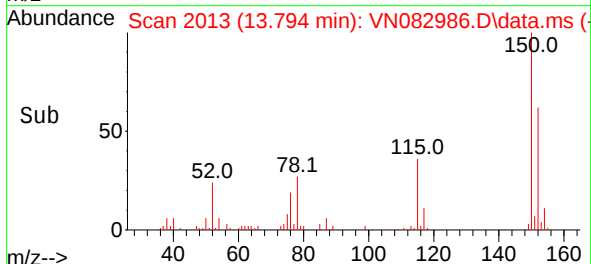
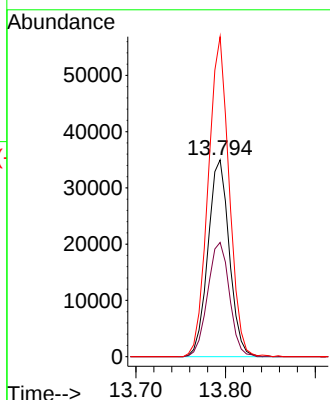
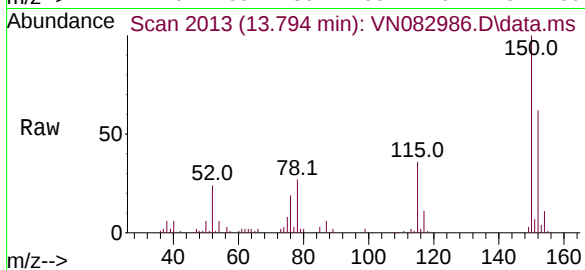
Tgt Ion:152 Resp: 57681

Ion Ratio Lower Upper

152 100

115 59.3 30.6 91.6

150 159.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 30.496 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082986.D

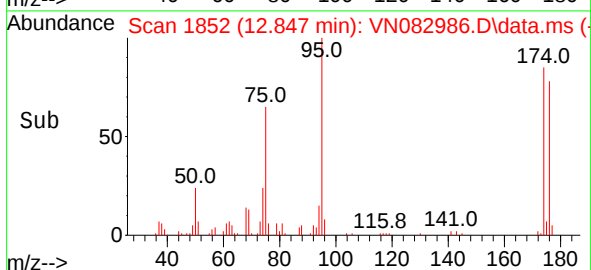
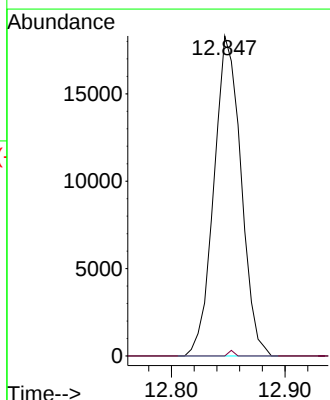
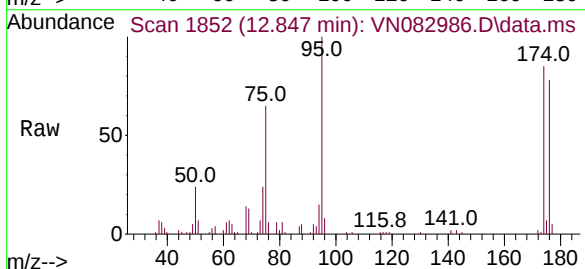
Acq: 19 Jul 2024 14:10

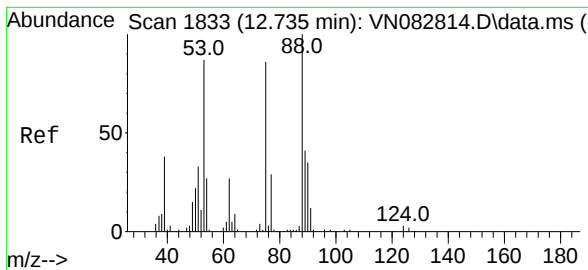
Tgt Ion: 75 Resp: 30327

Ion Ratio Lower Upper

75 100

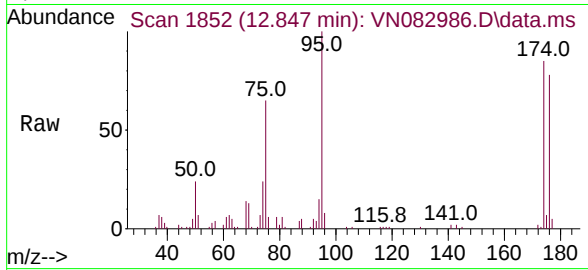
77 0.4 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.977 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082986.D
 Acq: 19 Jul 2024 14:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 30327
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

