

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083078.D
 Acq On : 30 Jul 2024 19:28
 Operator : JC\MD
 Sample : PB162353ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 06:07:53 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)

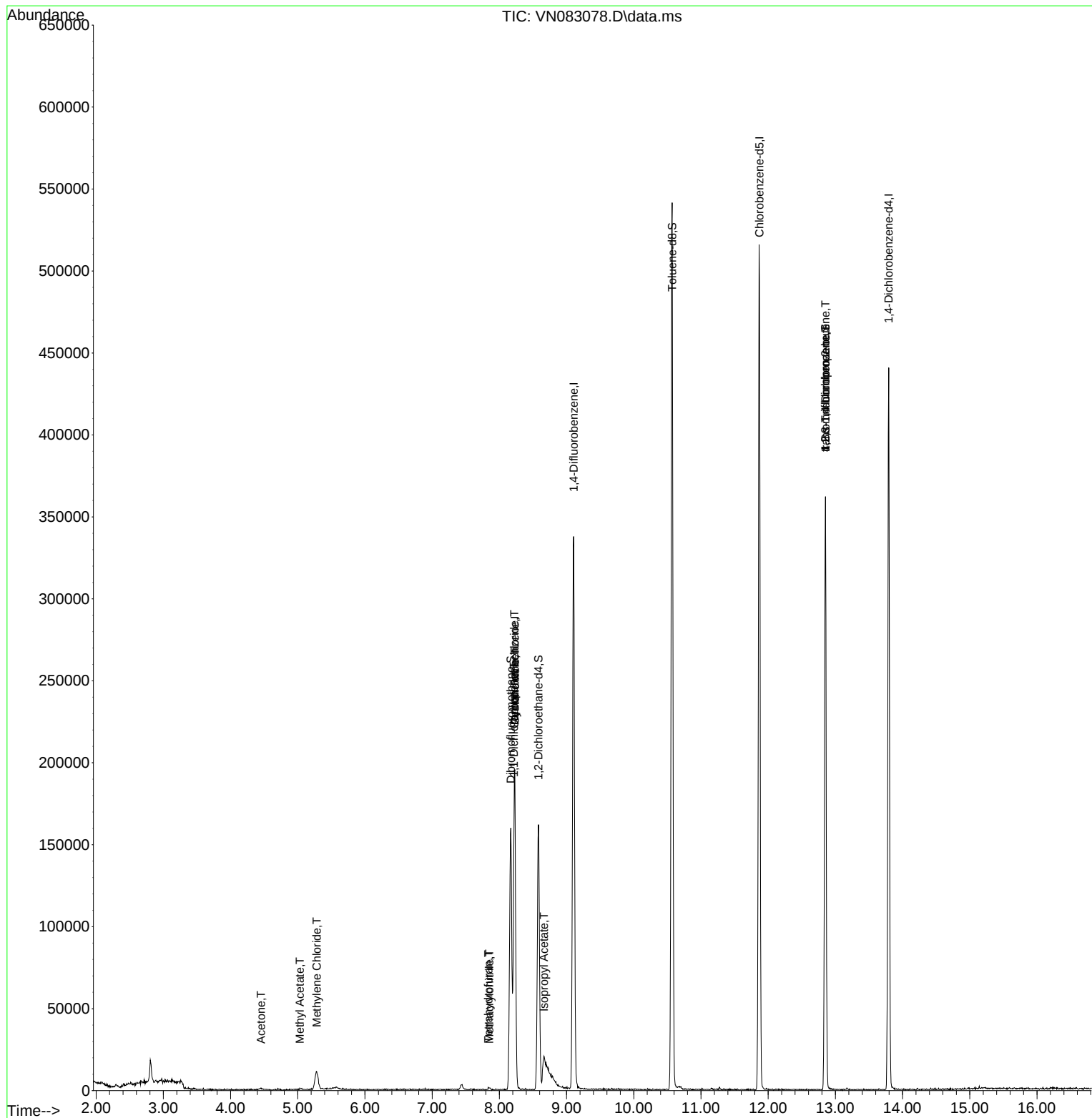
Internal Standards						
1) Pentafluorobenzene	8.230	168	131758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	285141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132790	71.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 143.800%#			
35) Dibromofluoromethane	8.171	113	110523	62.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 125.120%#			
50) Toluene-d8	10.571	98	363126	55.652	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.300%			
62) 4-Bromofluorobenzene	12.853	95	110052	46.954	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.900%			
Target Compounds					Qvalue	
16) Acetone	4.453	43	1658	2.550	ug/l #	48
18) Methyl Acetate	5.030	43	957	0.556	ug/l #	56
20) Methylene Chloride	5.283	84	9467	6.028	ug/l	90
29) Tetrahydrofuran	7.835	42	385	0.623	ug/l #	65
31) Cyclohexane	8.230	56	3573	1.480	ug/l #	51
36) 1,1-Dichloropropene	8.218	75	12775	5.245	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14034	4.785	ug/l #	19
41) Methacrylonitrile	7.853	41	471	0.353	ug/l #	54
43) Isopropyl Acetate	8.665	43	16973	0.705	ug/l #	60
76) 1,2,3-Trichloropropane	12.853	75	64940	32.996	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64940	64.894	ug/l #	6

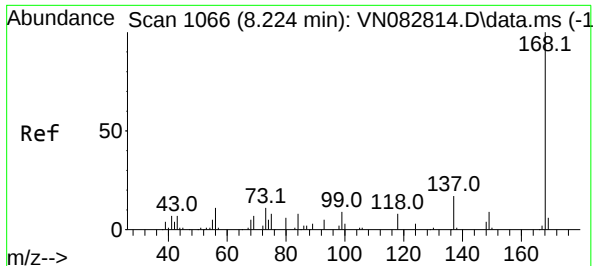
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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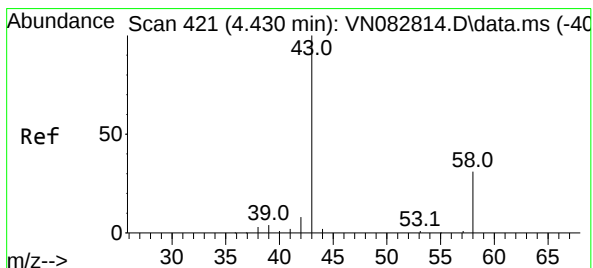
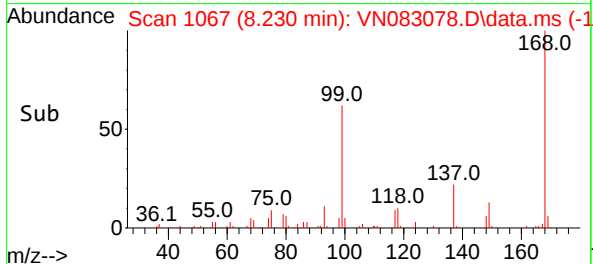
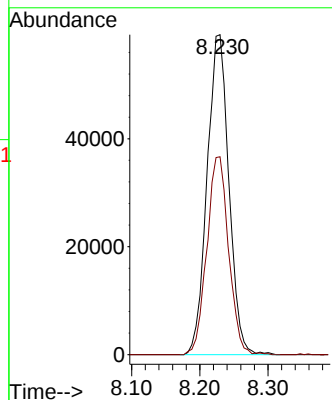
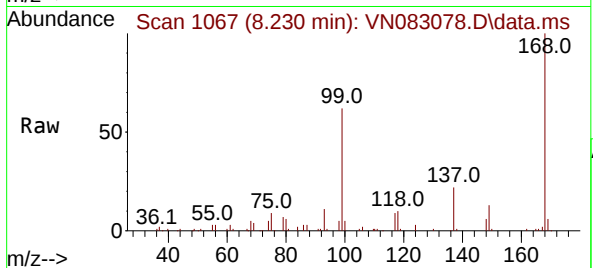




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

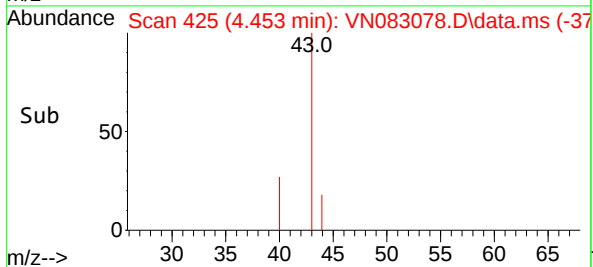
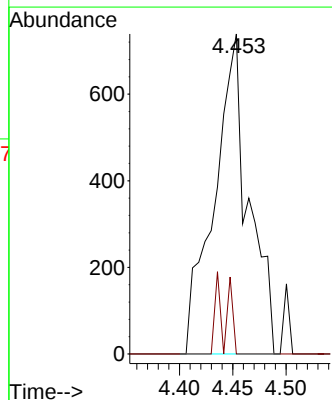
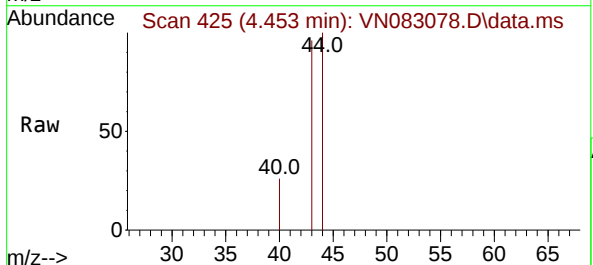
Instrument :
MSVOA_N
ClientSampleId :

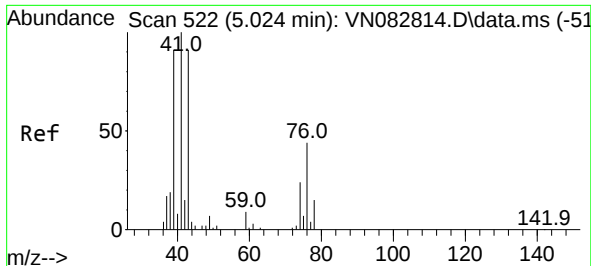
Tgt Ion:168 Resp: 131758
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#16
Acetone
Concen: 2.550 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





#18

Methyl Acetate

Concen: 0.556 ug/l

RT: 5.030 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN083078.D

Acq: 30 Jul 2024 19:28

Instrument :

MSVOA_N

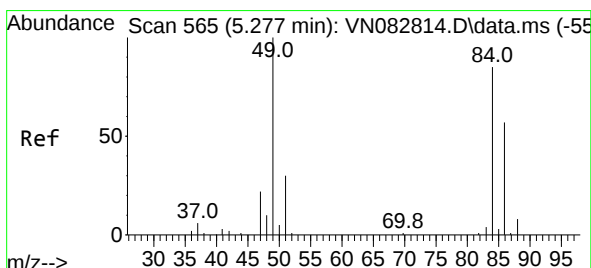
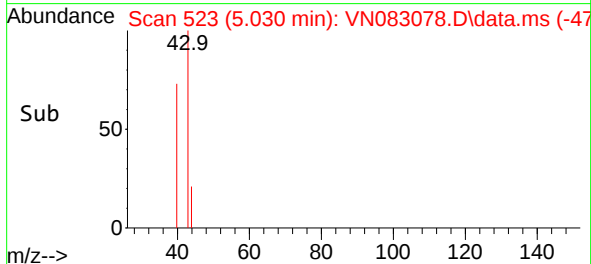
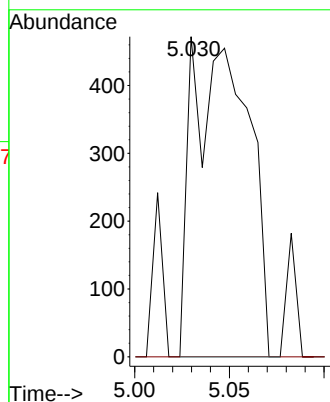
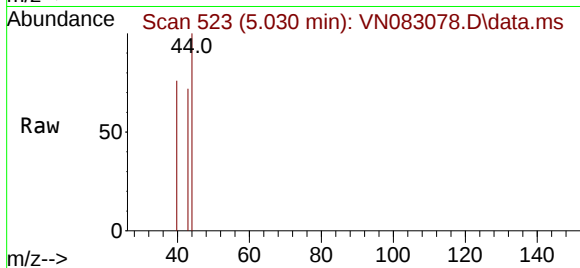
ClientSampleId :

Tgt Ion: 43 Resp: 957

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#20

Methylene Chloride

Concen: 6.028 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN083078.D

Acq: 30 Jul 2024 19:28

Tgt Ion: 84 Resp: 9467

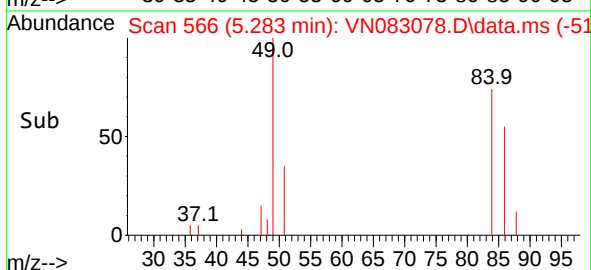
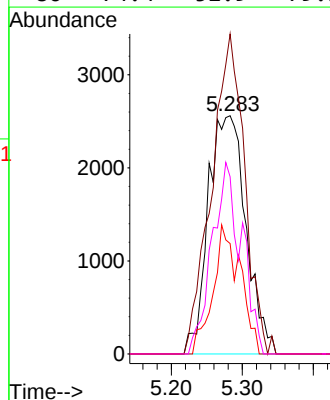
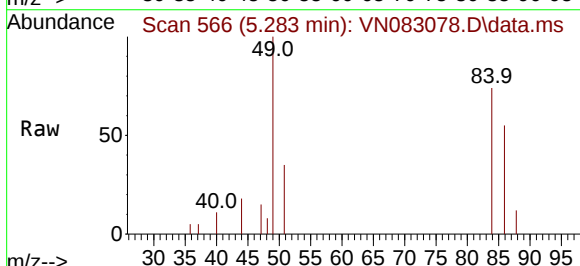
Ion Ratio Lower Upper

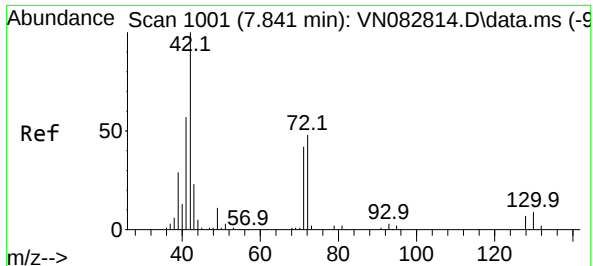
84 100

49 134.3 119.6 179.4

51 46.4 34.8 52.2

86 74.4 52.9 79.3





#29

Tetrahydrofuran

Concen: 0.623 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN083078.D

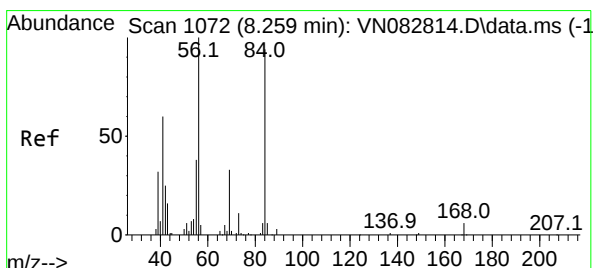
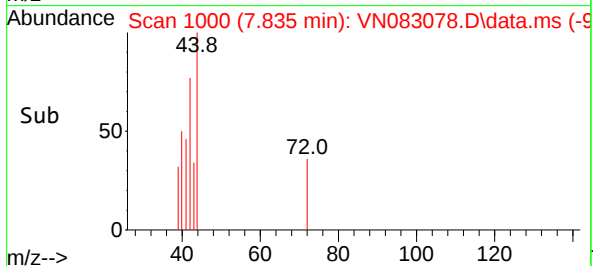
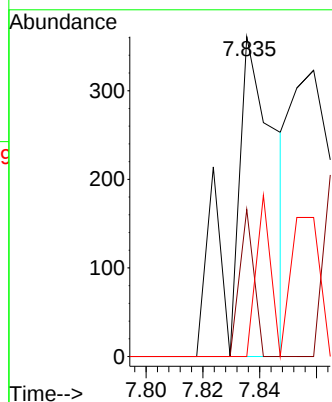
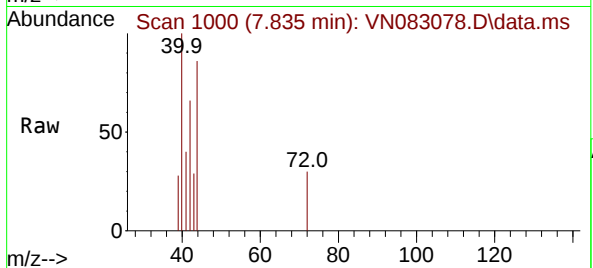
Acq: 30 Jul 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	385
Ion	Ratio	Lower	Upper
42	100		
72	15.3	30.0	45.0#
71	16.6	28.3	42.5#



#31

Cyclohexane

Concen: 1.480 ug/l

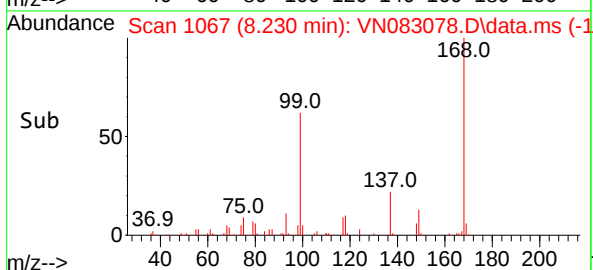
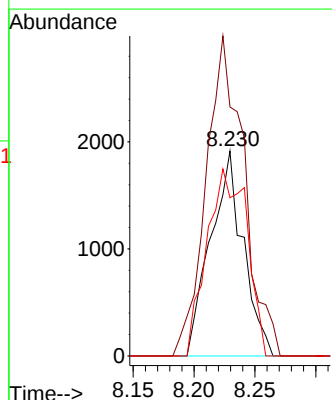
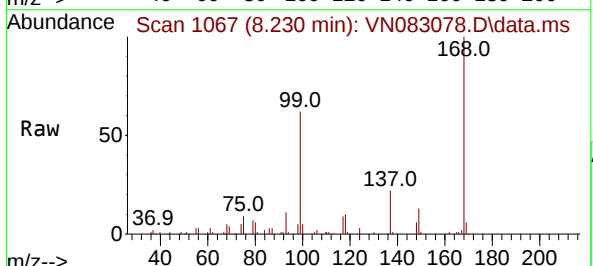
RT: 8.230 min Scan# 1067

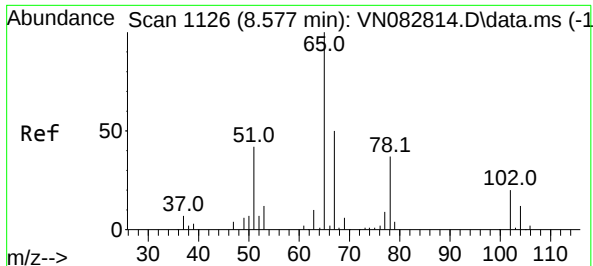
Delta R.T. -0.029 min

Lab File: VN083078.D

Acq: 30 Jul 2024 19:28

Tgt Ion:	56	Resp:	3573
Ion	Ratio	Lower	Upper
56	100		
69	121.6	24.5	36.7#
84	77.3	66.0	99.0





#33

1,2-Dichloroethane-d4

Concen: 71.896 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083078.D

Acq: 30 Jul 2024 19:28

Instrument :

MSVOA_N

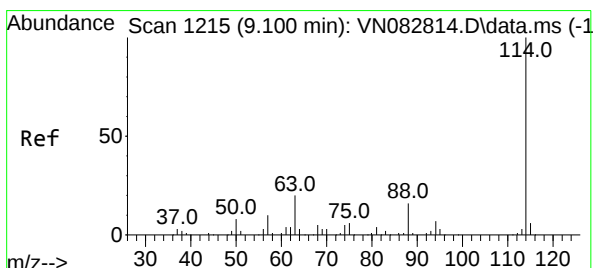
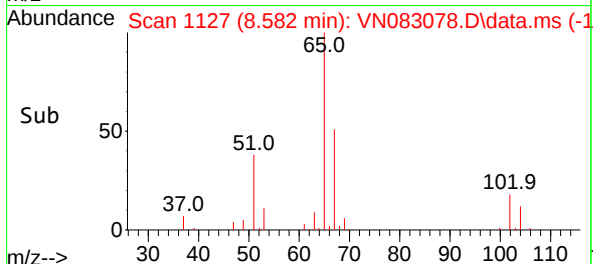
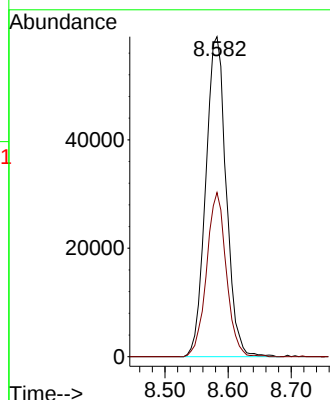
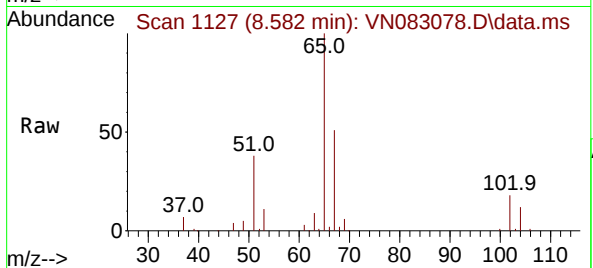
ClientSampleId :

Tgt Ion: 65 Resp: 132790

Ion Ratio Lower Upper

65 100

67 49.5 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: VN083078.D

Acq: 30 Jul 2024 19:28

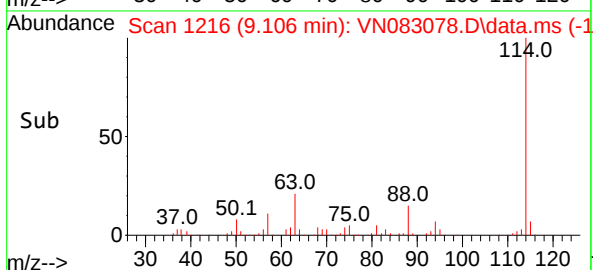
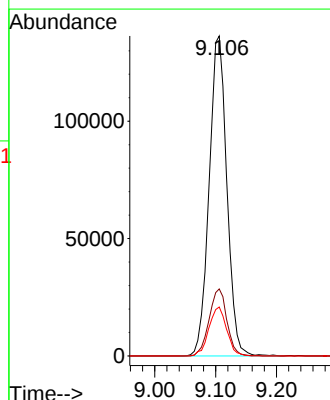
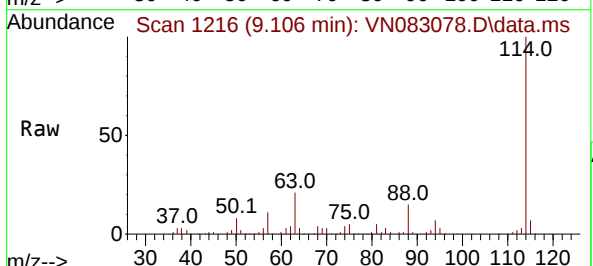
Tgt Ion: 114 Resp: 275314

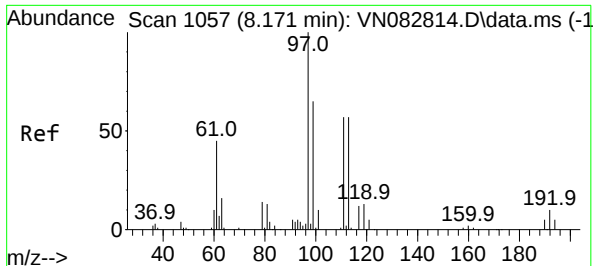
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 62.562 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

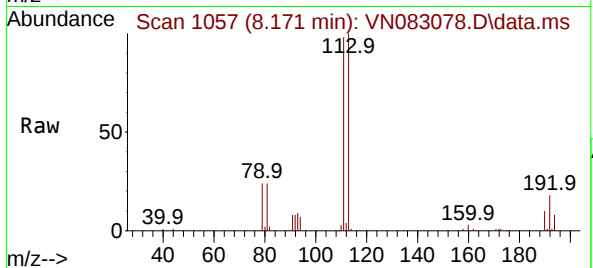
Lab File: VN083078.D

Acq: 30 Jul 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :



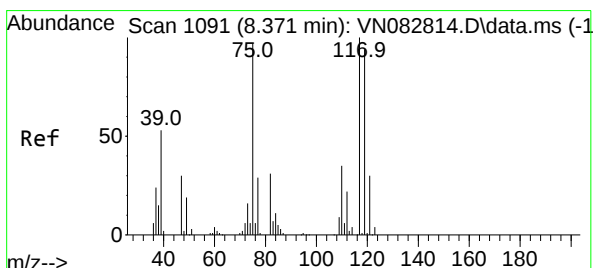
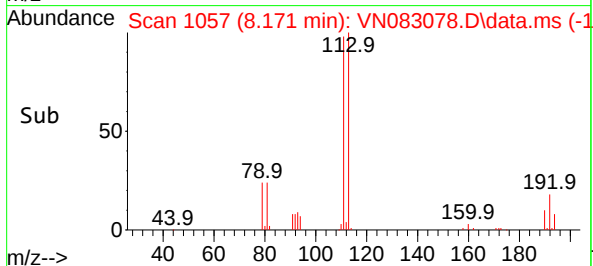
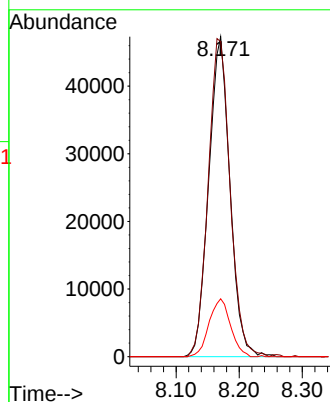
Tgt Ion:113 Resp: 110523

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 18.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.245 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083078.D

Acq: 30 Jul 2024 19:28

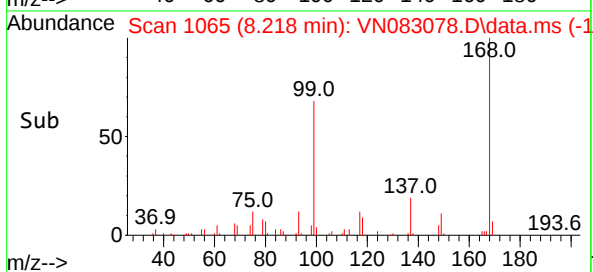
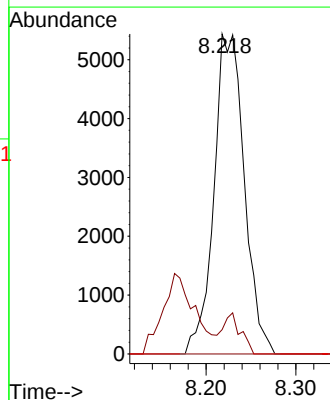
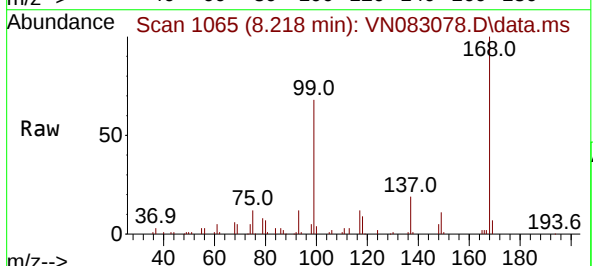
Tgt Ion: 75 Resp: 12775

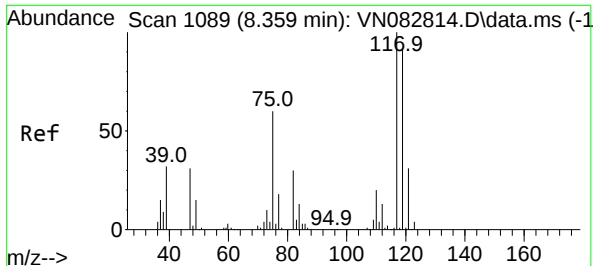
Ion Ratio Lower Upper

75 100

110 7.3 16.3 48.9#

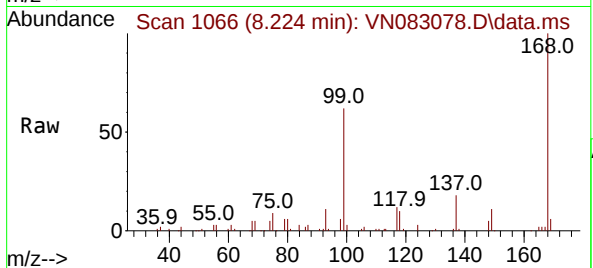
77 0.0 24.6 37.0#



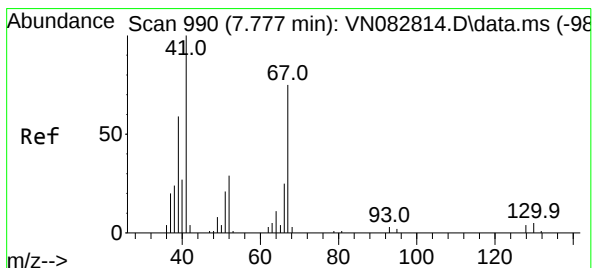
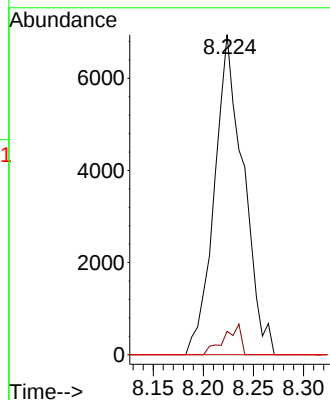
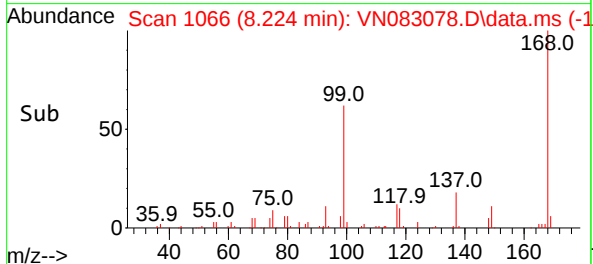


#38
Carbon Tetrachloride
Concen: 4.785 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

Instrument :
MSVOA_N
ClientSampleId :

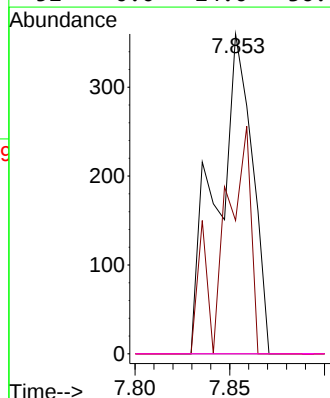
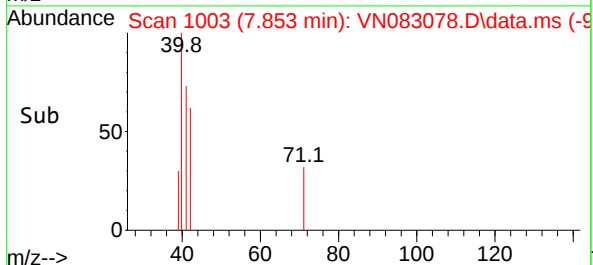
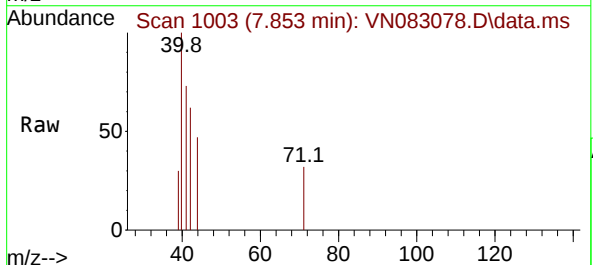


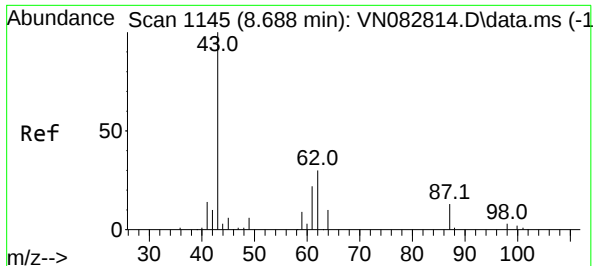
Tgt Ion:117 Resp: 14034
Ion Ratio Lower Upper
117 100
119 7.3 74.9 112.3#
121 0.0 24.3 36.5#



#41
Methacrylonitrile
Concen: 0.353 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.071 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

Tgt Ion: 41 Resp: 471
Ion Ratio Lower Upper
41 100
39 55.8 45.5 68.3
67 0.0 50.5 75.7#
52 0.0 24.0 36.0#

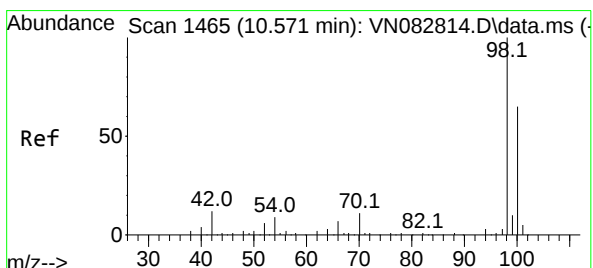
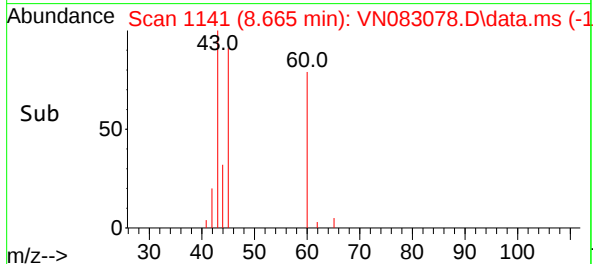
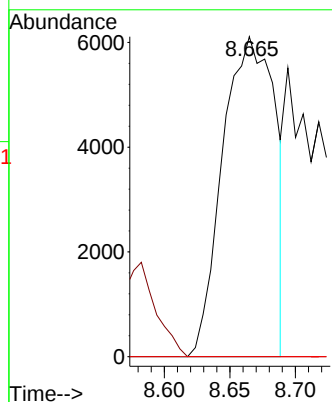
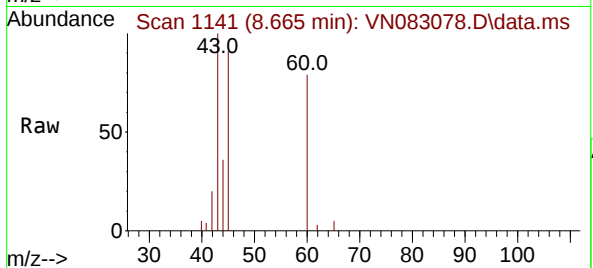




#43
Isopropyl Acetate
Concen: 0.705 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.029 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

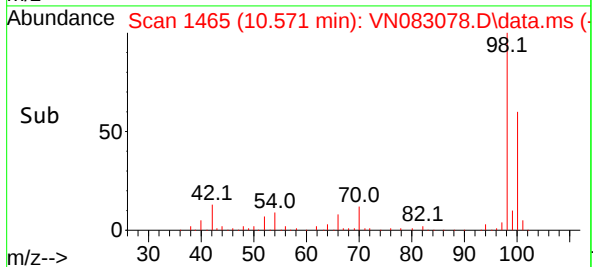
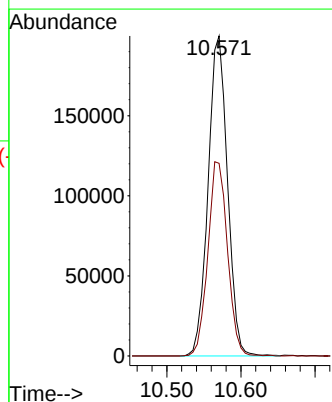
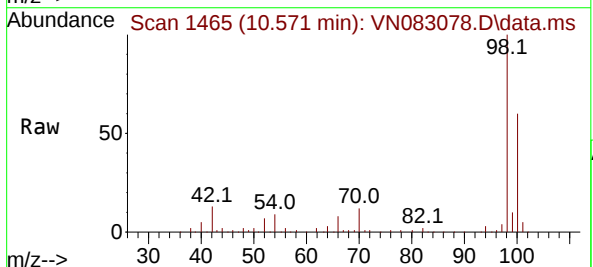
Instrument :
MSVOA_N
ClientSampleId :

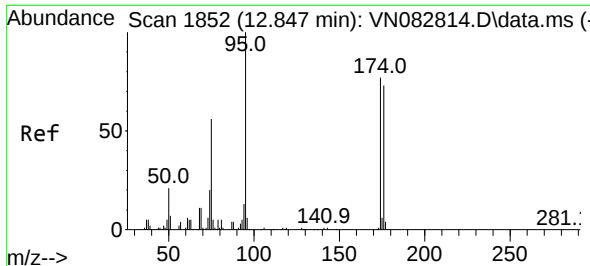
Tgt Ion: 43 Resp: 16973
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 55.652 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

Tgt Ion: 98 Resp: 363126
Ion Ratio Lower Upper
98 100
100 61.4 51.5 77.3

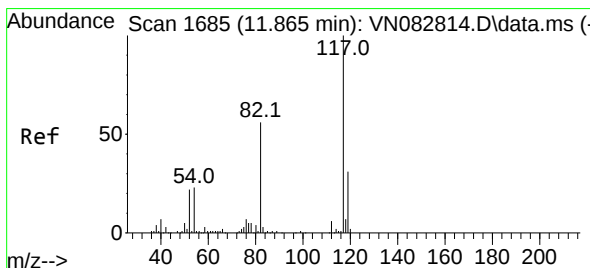
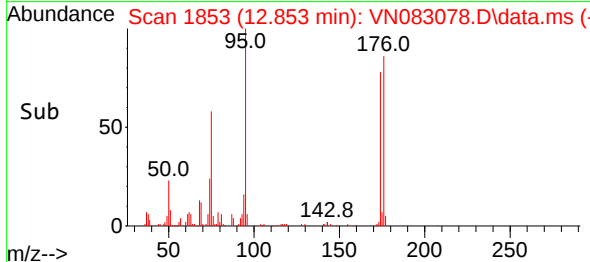
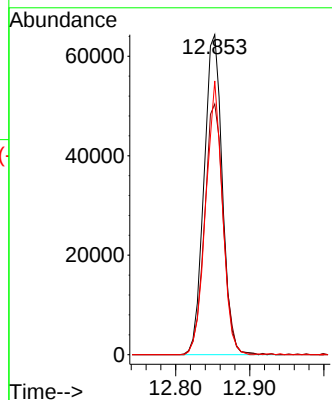
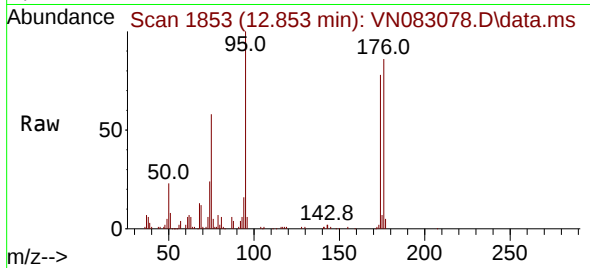




#62
4-Bromofluorobenzene
Concen: 46.954 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

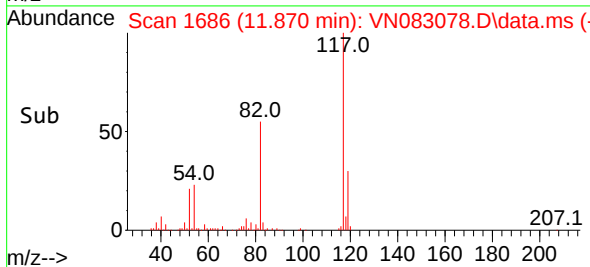
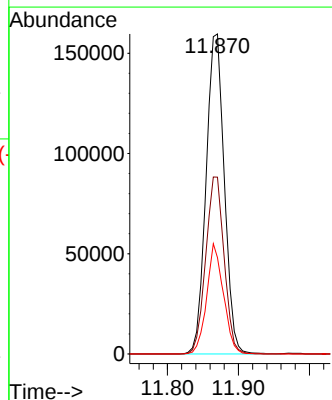
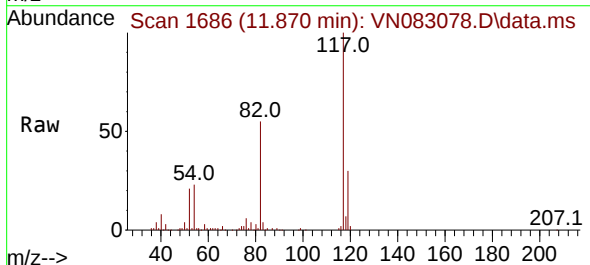
Instrument :
MSVOA_N
ClientSampleId :

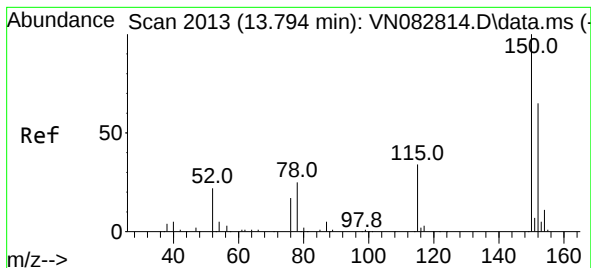
Tgt Ion: 95 Resp: 110052
Ion Ratio Lower Upper
95 100
174 80.4 0.0 159.2
176 78.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

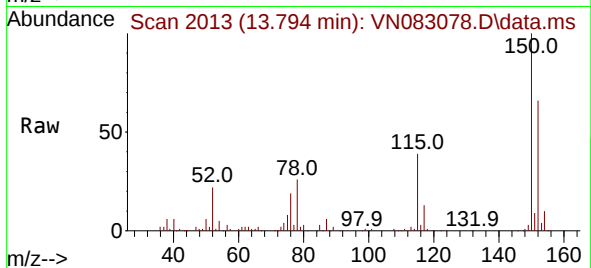
Tgt Ion: 117 Resp: 285141
Ion Ratio Lower Upper
117 100
82 55.2 47.5 71.3
119 30.1 25.6 38.4



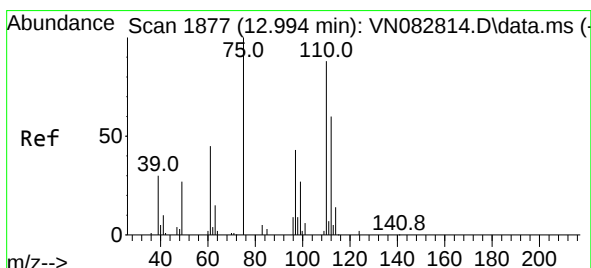
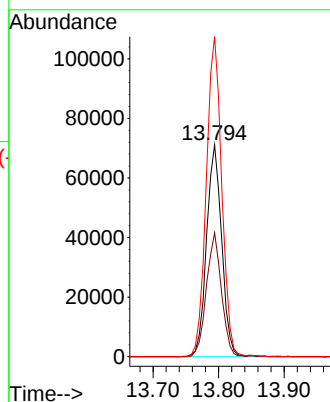
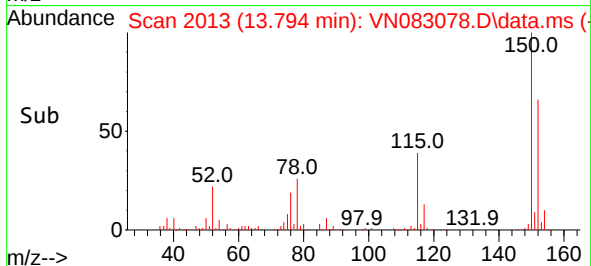


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

Instrument :
MSVOA_N
ClientSampleId :

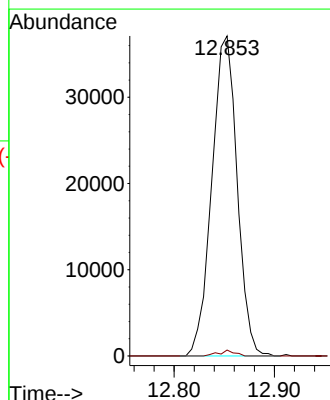
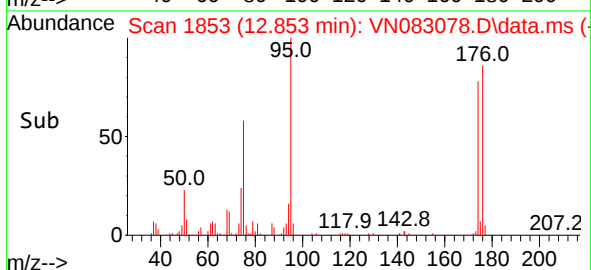
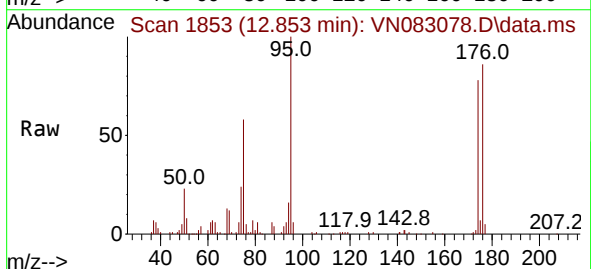


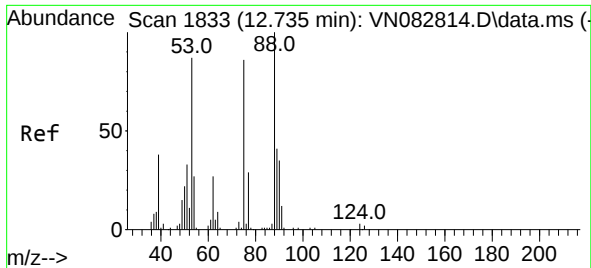
Tgt Ion:152 Resp: 114155
Ion Ratio Lower Upper
152 100
115 58.1 30.6 91.6
150 154.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 32.996 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

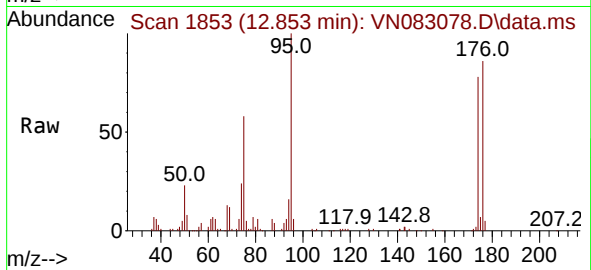
Tgt Ion: 75 Resp: 64940
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.894 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083078.D
Acq: 30 Jul 2024 19:28

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 64940
Ion Ratio Lower Upper
75 100
53 0.2 88.4 132.6#
89 0.0 36.3 54.5#

