

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083046.D
 Acq On : 26 Jul 2024 12:58
 Operator : JC\MD
 Sample : P3375-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:05:08 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)

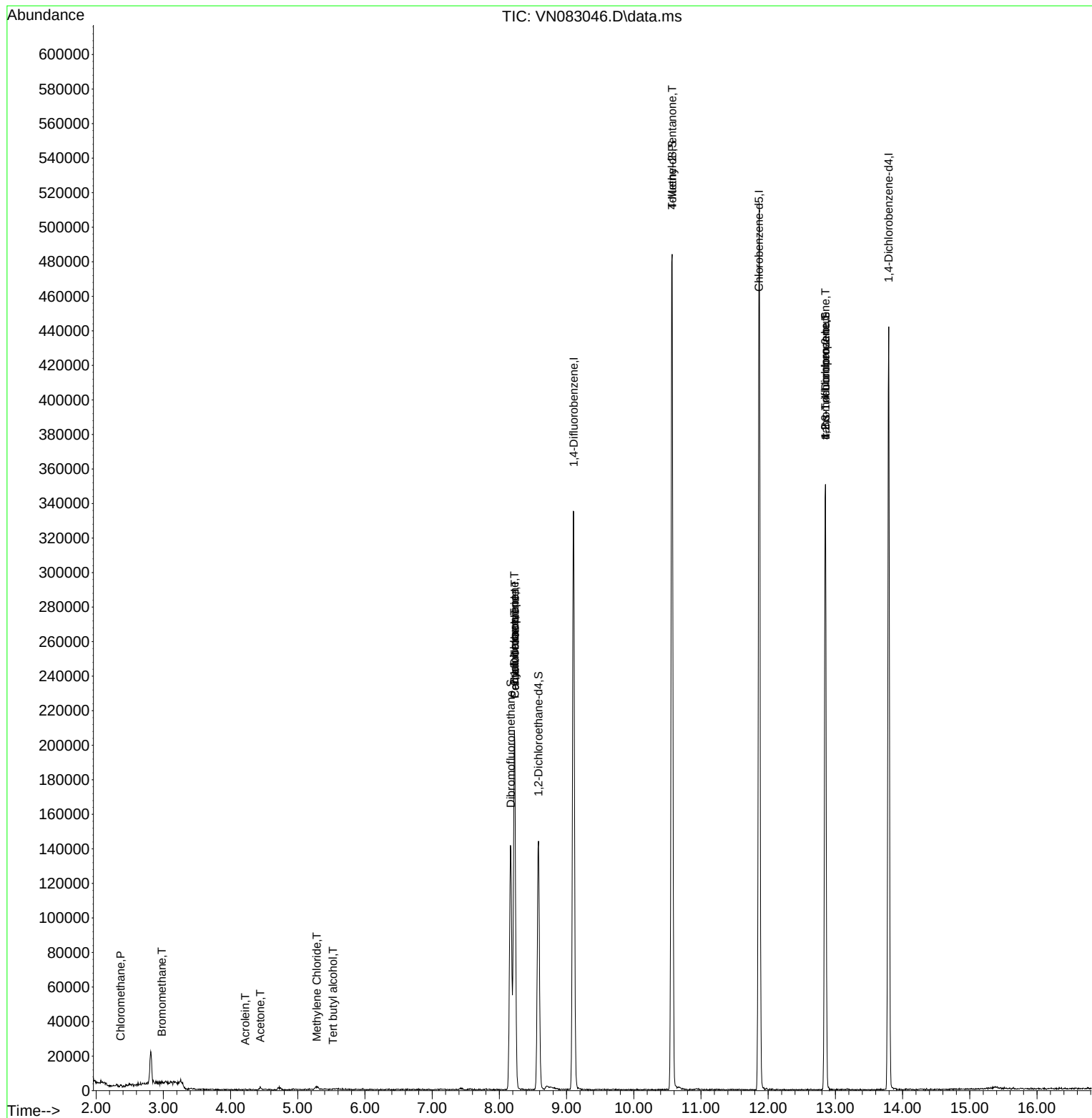
Internal Standards						
1) Pentafluorobenzene	8.230	168	145445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116000	56.895	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.780%			
35) Dibromofluoromethane	8.171	113	99006	54.873	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.740%			
50) Toluene-d8	10.571	98	330257	49.558	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.853	95	109975	45.942	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.880%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	907	0.508	ug/l #	43
5) Bromomethane	2.977	94	891	0.659	ug/l #	54
11) Tert butyl alcohol	5.524	59	94	0.274	ug/l #	71
13) Acrolein	4.218	56	58	0.234	ug/l #	14
16) Acetone	4.442	43	2207	3.075	ug/l #	76
20) Methylene Chloride	5.283	84	1441	0.831	ug/l #	67
31) Cyclohexane	8.224	56	4029	1.512	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	13262	5.331	ug/l #	48
38) Carbon Tetrachloride	8.230	117	15886	5.304	ug/l #	16
43) Isopropyl Acetate	8.706	43	1704	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1491	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	64049	32.358	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	64049	63.638	ug/l #	6

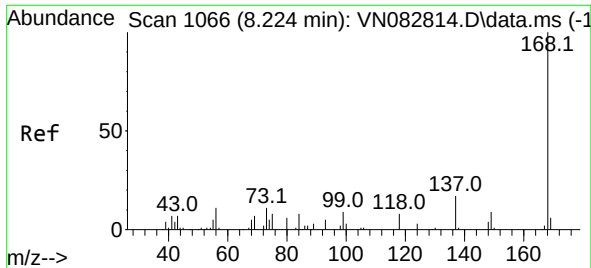
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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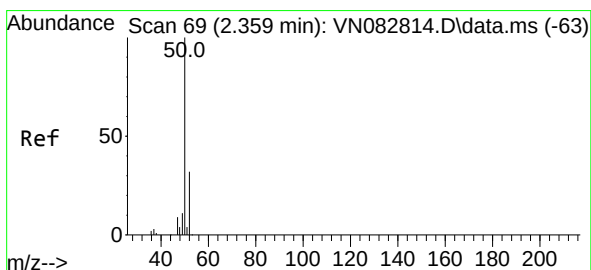
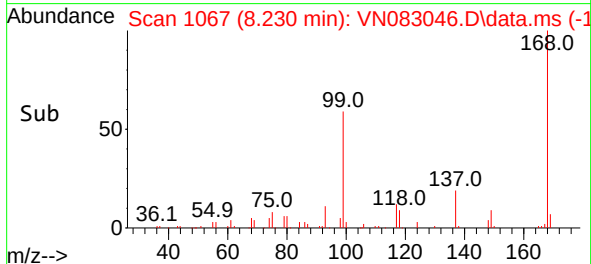
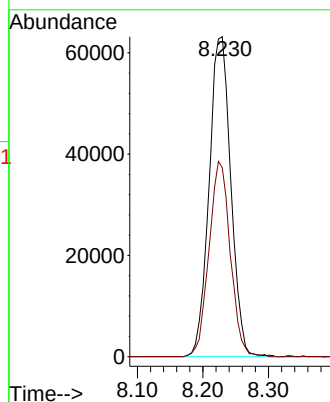
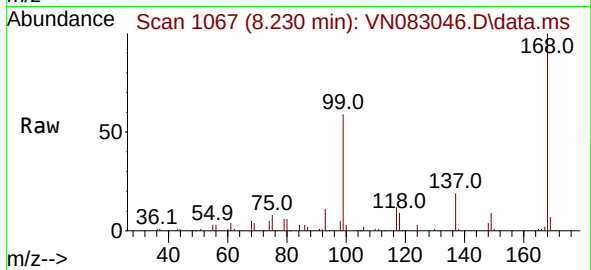




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

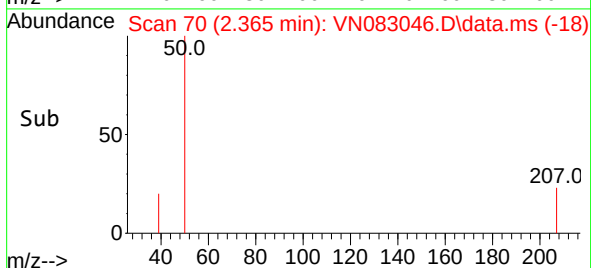
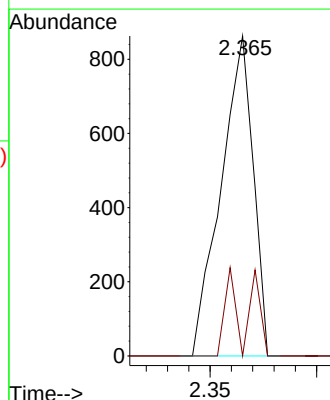
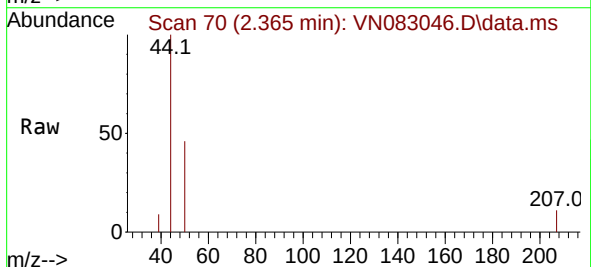
Instrument :
MSVOA_N
ClientSampleId :

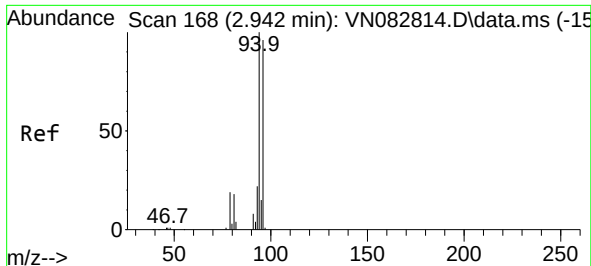
Tgt Ion:168 Resp: 145445
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#3
Chloromethane
Concen: 0.508 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

Tgt Ion: 50 Resp: 907
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

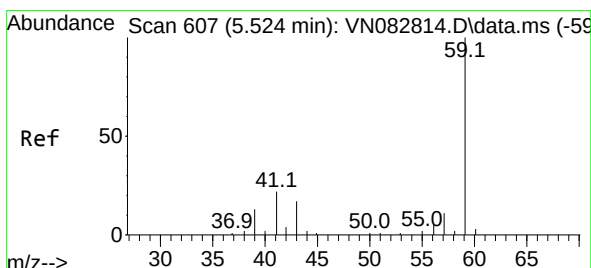
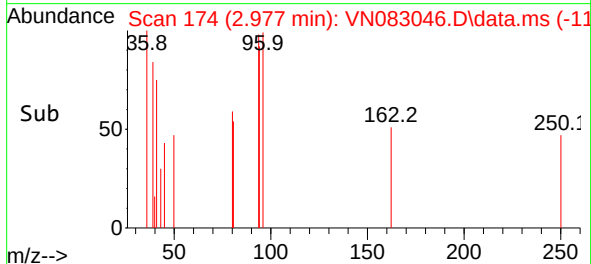
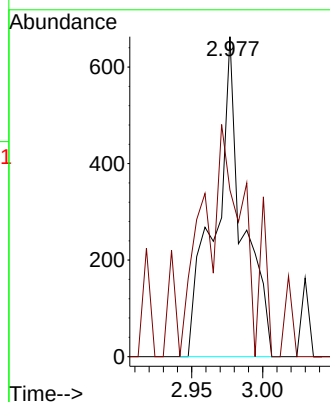
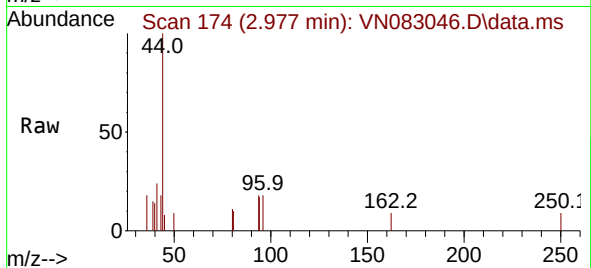




#5
Bromomethane
Concen: 0.659 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

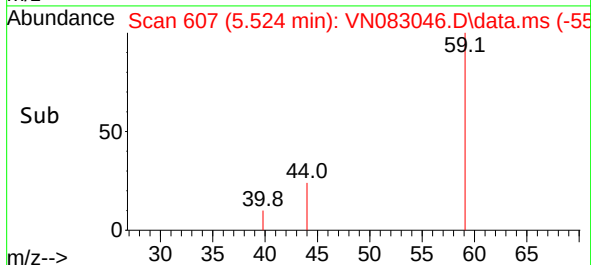
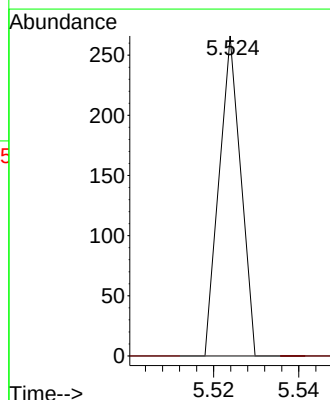
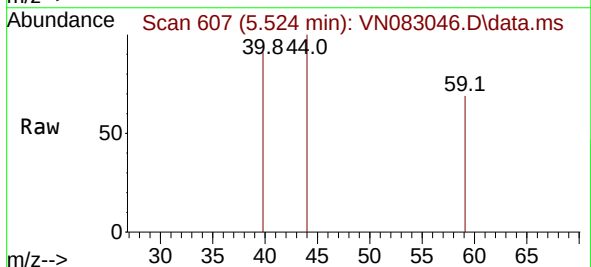
Instrument :
MSVOA_N
ClientSampleId :

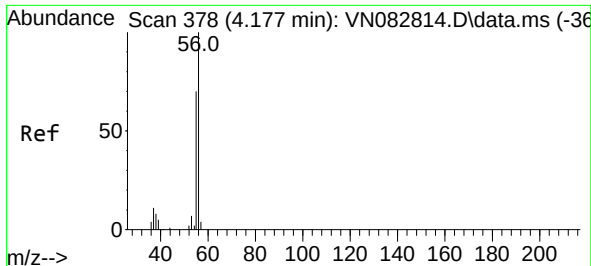
Tgt Ion: 94 Resp: 891
Ion Ratio Lower Upper
94 100
96 52.0 78.0 117.0#



#11
Tert butyl alcohol
Concen: 0.274 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

Tgt Ion: 59 Resp: 94
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#





#13

Acrolein

Concen: 0.234 ug/l

RT: 4.218 min Scan# 385

Delta R.T. 0.041 min

Lab File: VN083046.D

Acq: 26 Jul 2024 12:58

Instrument :

MSVOA_N

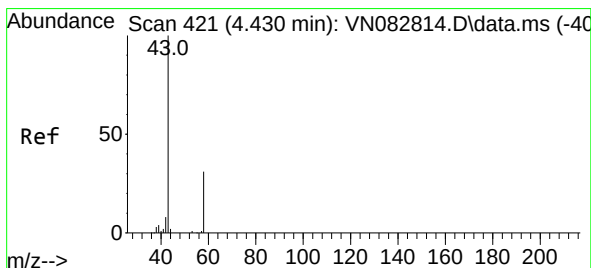
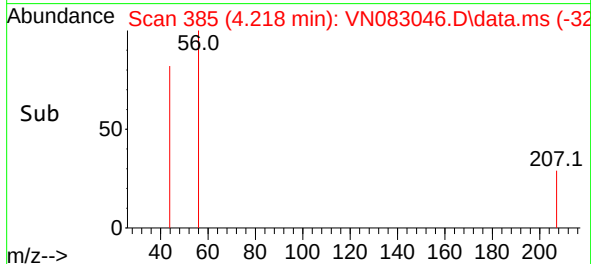
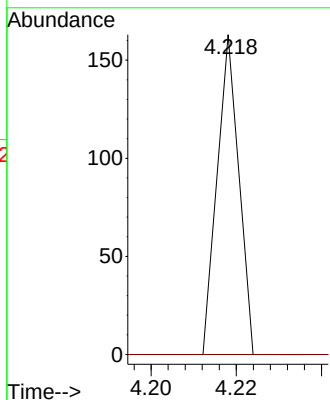
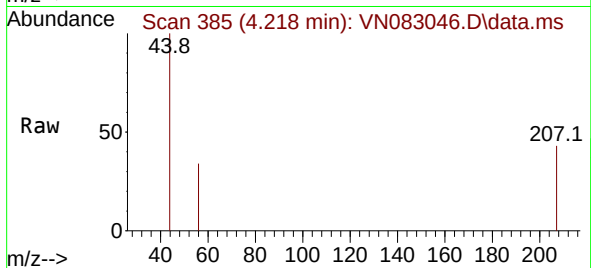
ClientSampleId :

Tgt Ion: 56 Resp: 58

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



#16

Acetone

Concen: 3.075 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN083046.D

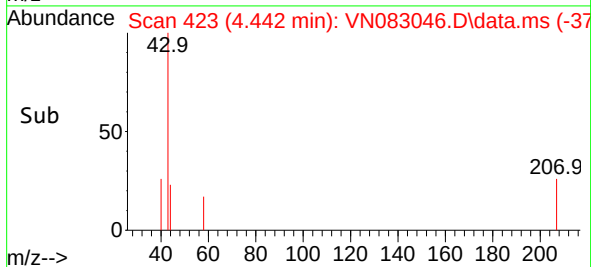
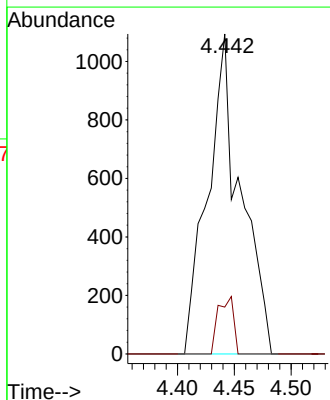
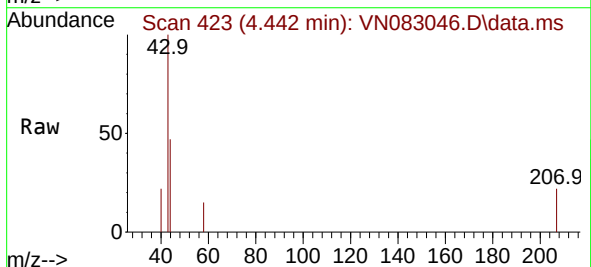
Acq: 26 Jul 2024 12:58

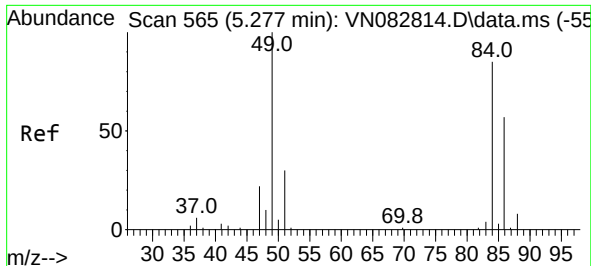
Tgt Ion: 43 Resp: 2207

Ion Ratio Lower Upper

43 100

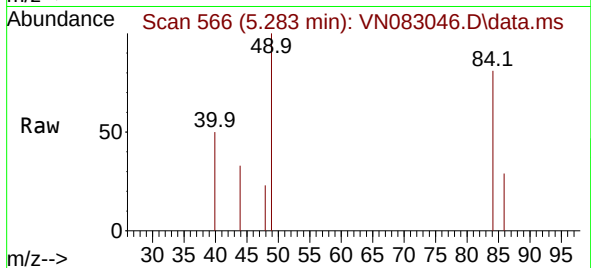
58 14.6 21.8 32.6#



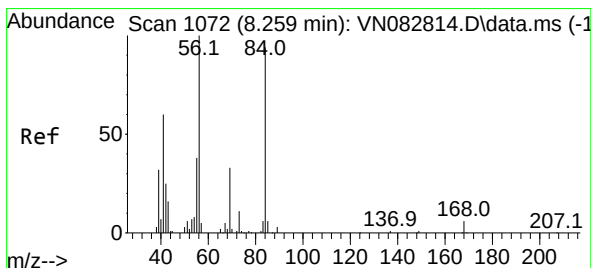
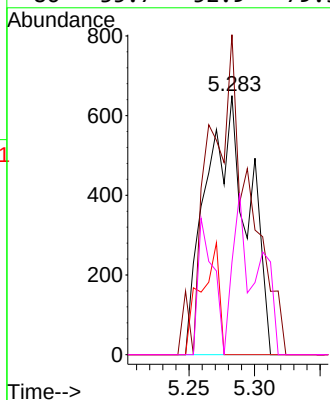
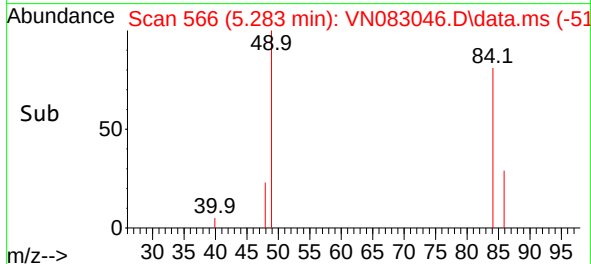


#20
Methylene Chloride
Concen: 0.831 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

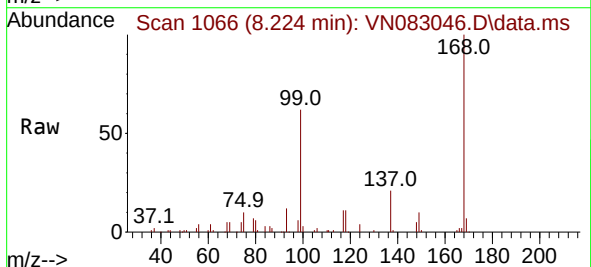
Instrument :
MSVOA_N
ClientSampleId :



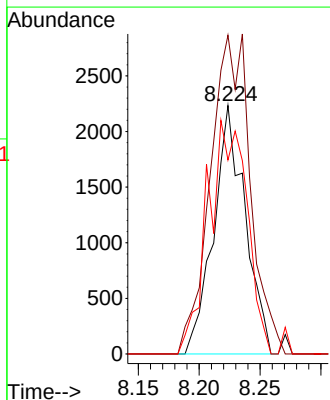
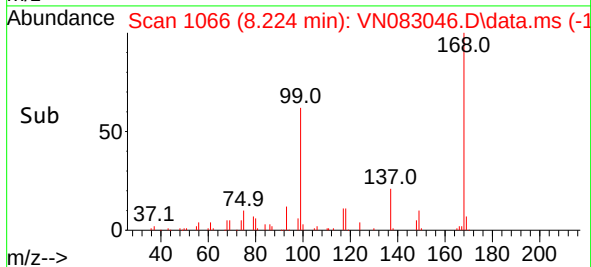
Tgt Ion: 84	Resp: 1441
Ion Ratio	Lower Upper
84	100
49	123.5 119.6 179.4
51	0.0 34.8 52.2#
86	35.7 52.9 79.3#

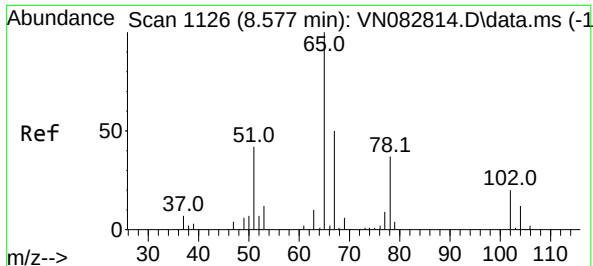


#31
Cyclohexane
Concen: 1.512 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58



Tgt Ion: 56	Resp: 4029
Ion Ratio	Lower Upper
56	100
69	128.3 24.5 36.7#
84	78.0 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 56.895 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083046.D

Acq: 26 Jul 2024 12:58

Instrument :

MSVOA_N

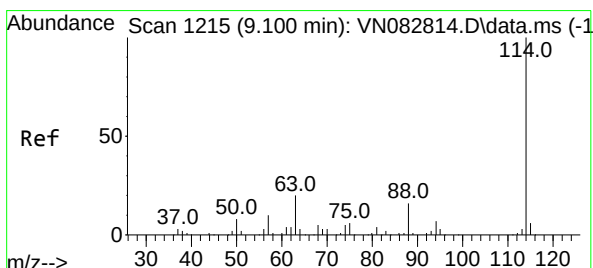
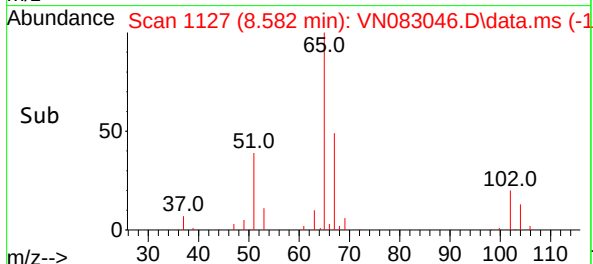
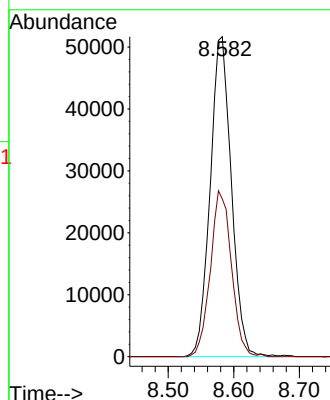
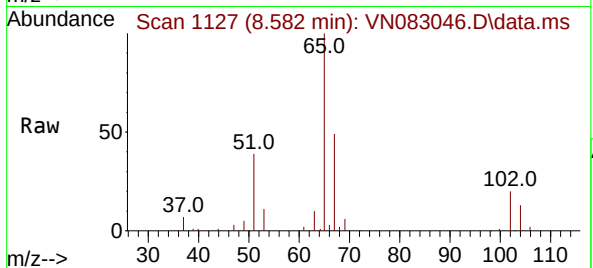
ClientSampleId :

Tgt Ion: 65 Resp: 116000

Ion Ratio Lower Upper

65 100

67 51.6 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: VN083046.D

Acq: 26 Jul 2024 12:58

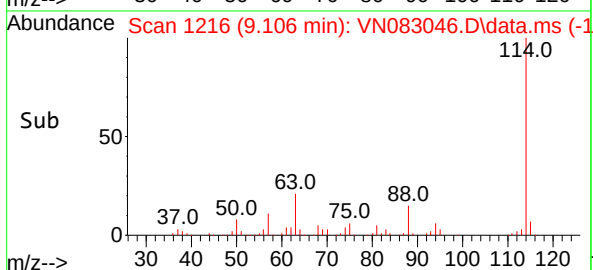
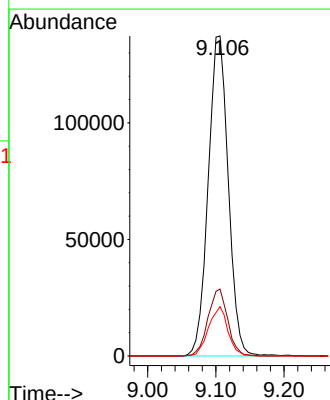
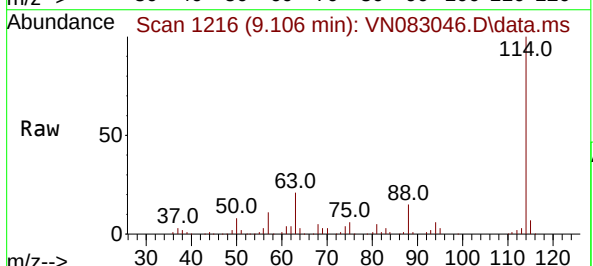
Tgt Ion: 114 Resp: 281183

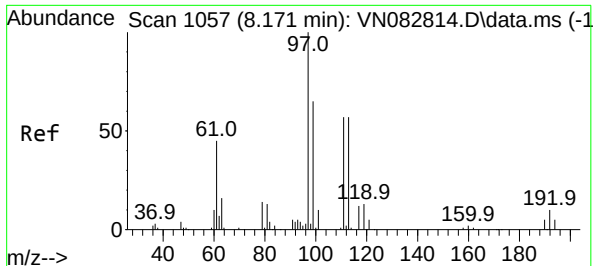
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.873 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

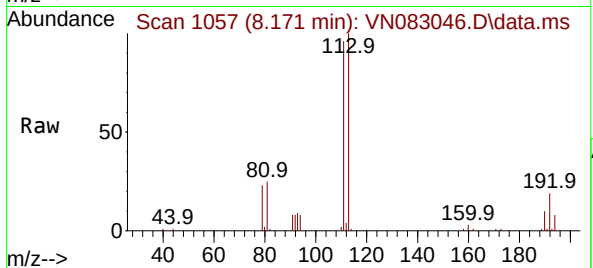
Lab File: VN083046.D

Acq: 26 Jul 2024 12:58

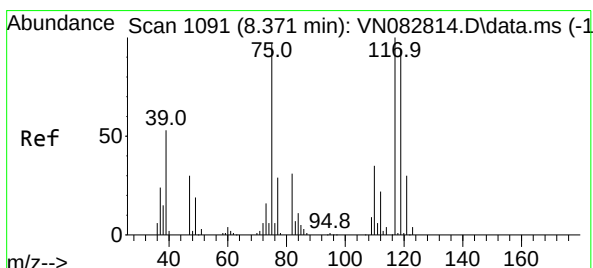
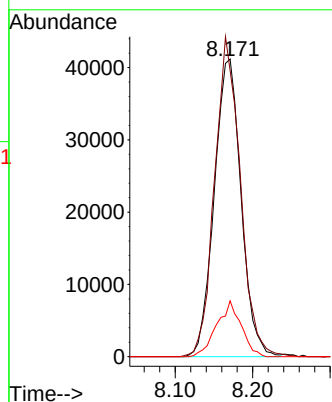
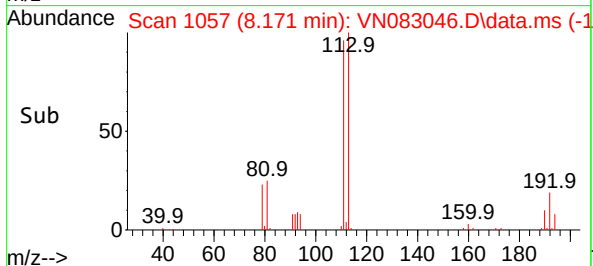
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	99006
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	17.1	14.9	22.3



#36

1,1-Dichloropropene

Concen: 5.331 ug/l

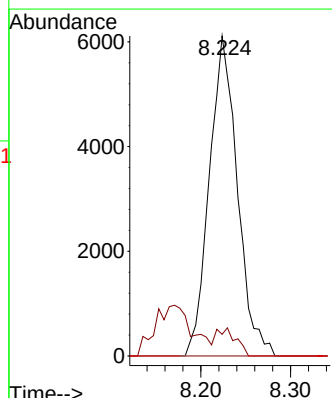
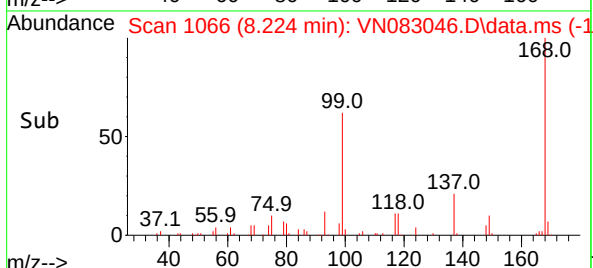
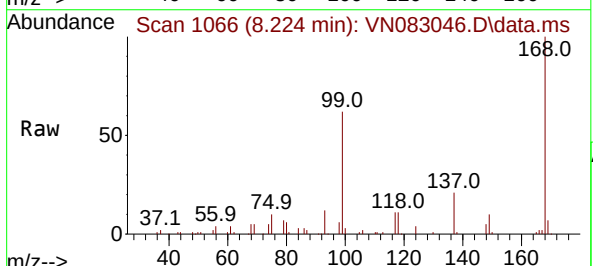
RT: 8.224 min Scan# 1066

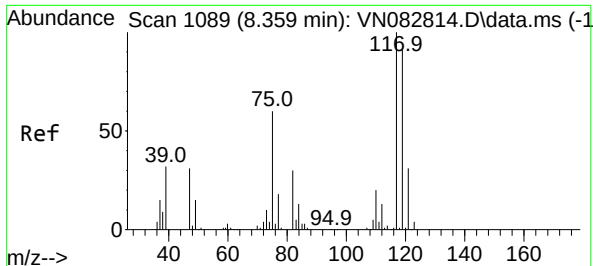
Delta R.T. -0.147 min

Lab File: VN083046.D

Acq: 26 Jul 2024 12:58

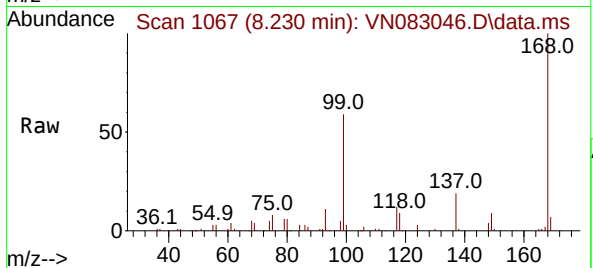
Tgt Ion:	75	Resp:	13262
Ion	Ratio	Lower	Upper
75	100		
110	6.1	16.3	48.9#
77	0.0	24.6	37.0#



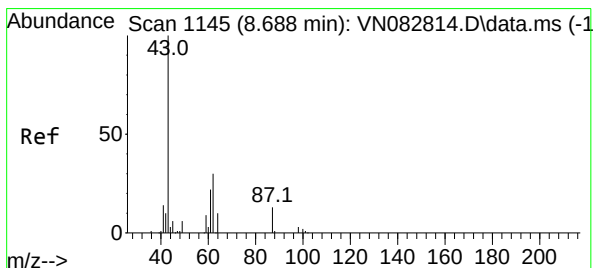
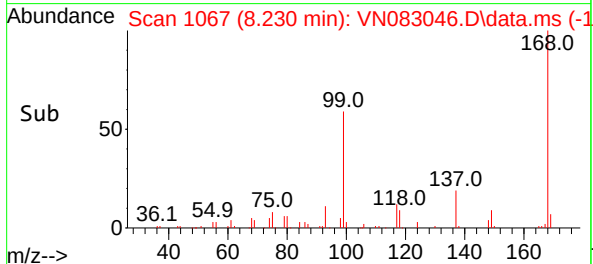
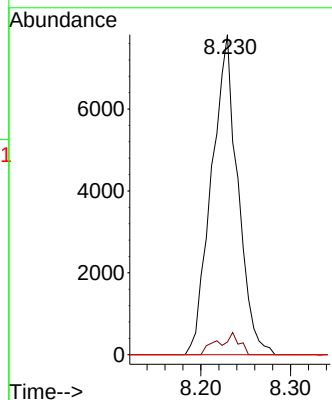


#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :

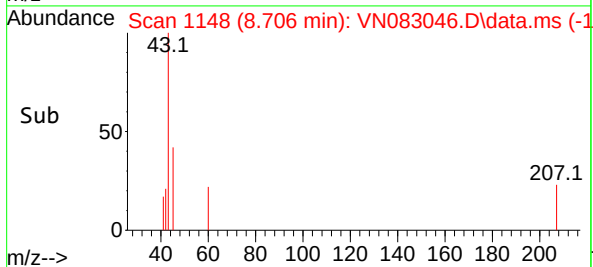
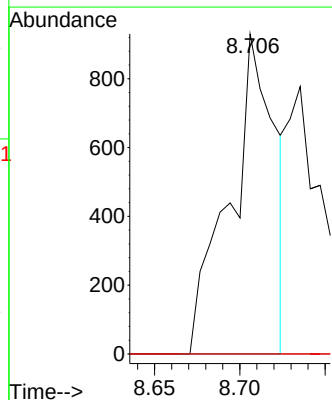
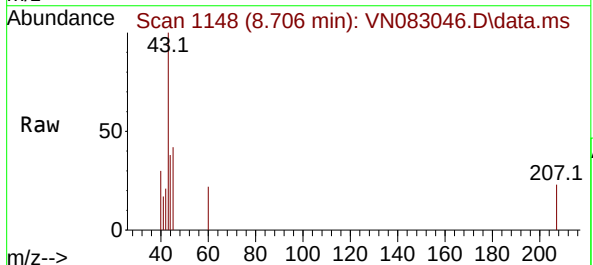


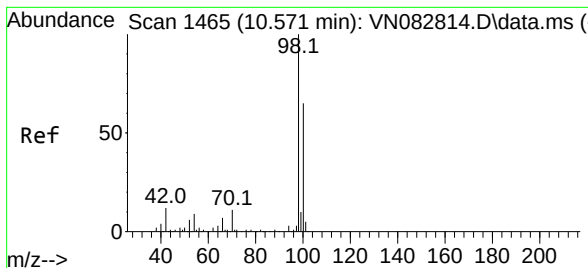
Tgt Ion:117 Resp: 15886
Ion Ratio Lower Upper
117 100
119 4.0 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 49.558 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083046.D

Acq: 26 Jul 2024 12:58

Instrument :

MSVOA_N

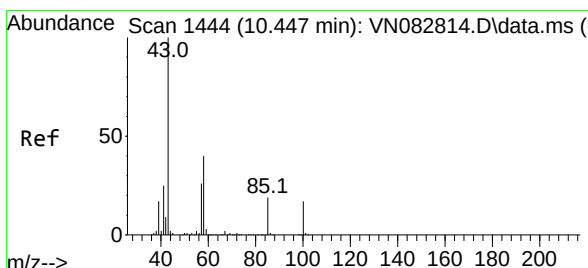
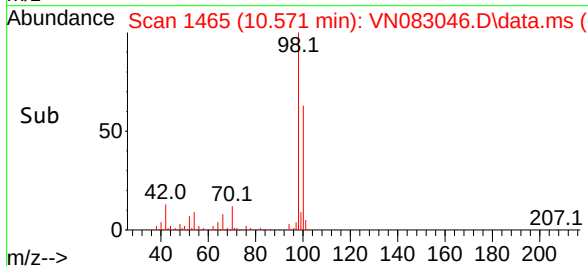
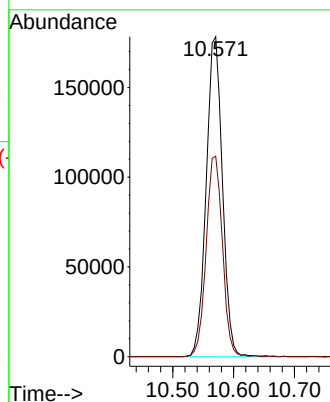
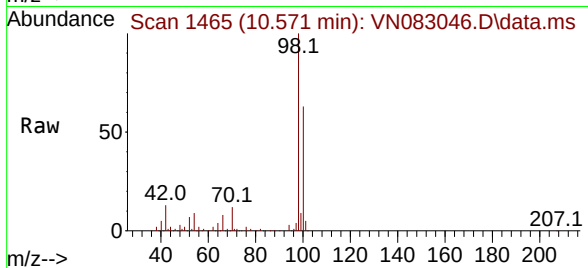
ClientSampleId :

Tgt Ion: 98 Resp: 330257

Ion Ratio Lower Upper

98 100

100 62.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.594 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.124 min

Lab File: VN083046.D

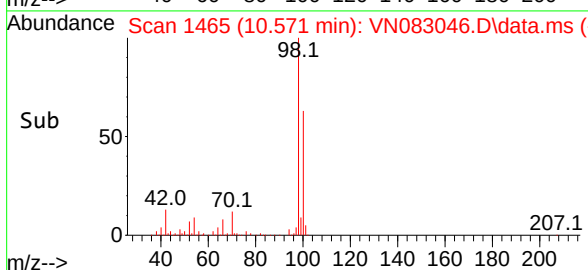
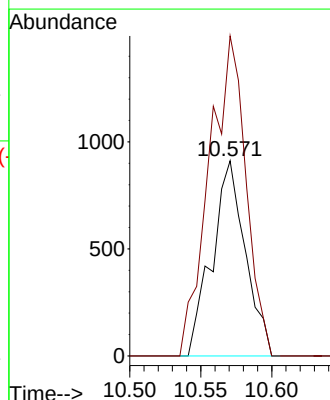
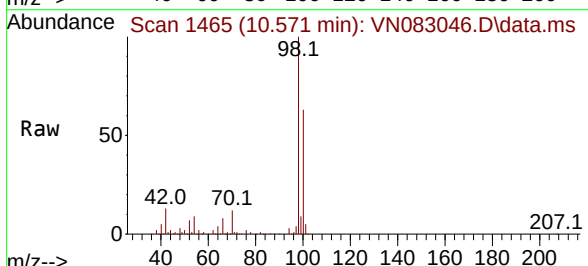
Acq: 26 Jul 2024 12:58

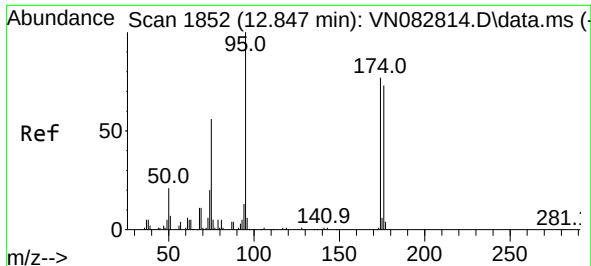
Tgt Ion: 43 Resp: 1491

Ion Ratio Lower Upper

43 100

58 180.1 28.2 42.4#

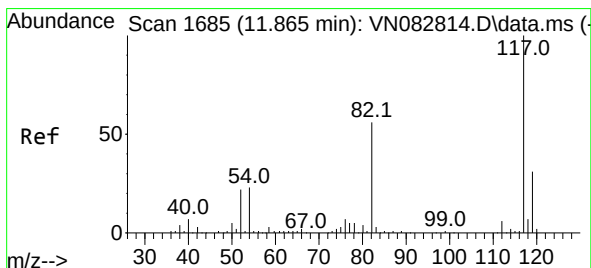
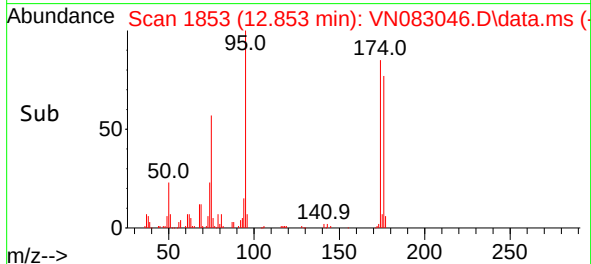
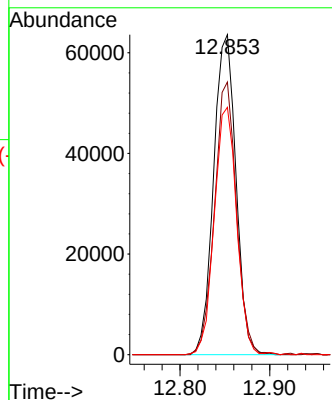
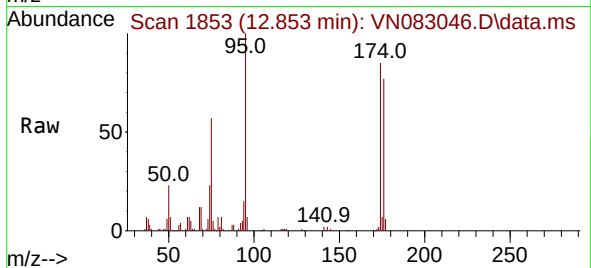




#62
4-Bromofluorobenzene
Concen: 45.942 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

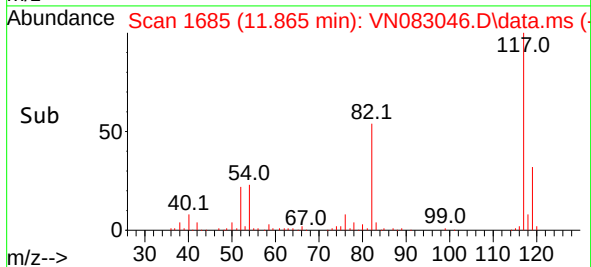
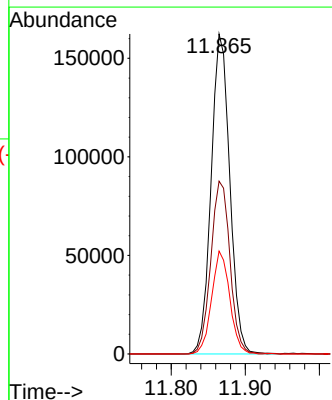
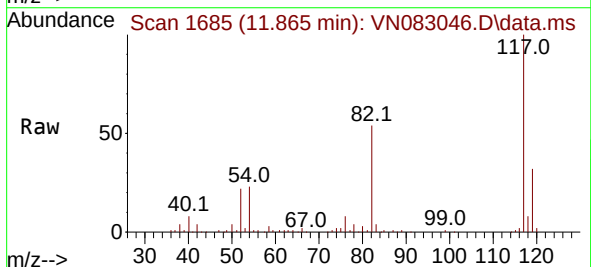
Instrument :
MSVOA_N
ClientSampleId :

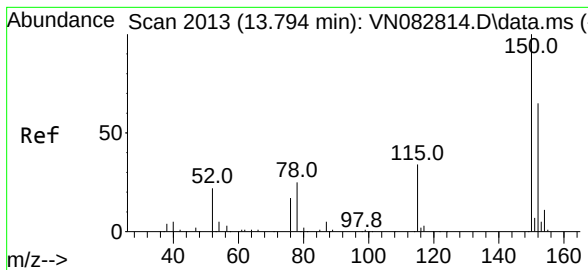
Tgt Ion: 95 Resp: 109975
Ion Ratio Lower Upper
95 100
174 83.6 0.0 159.2
176 77.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

Tgt Ion: 117 Resp: 284195
Ion Ratio Lower Upper
117 100
82 54.0 47.5 71.3
119 32.1 25.6 38.4

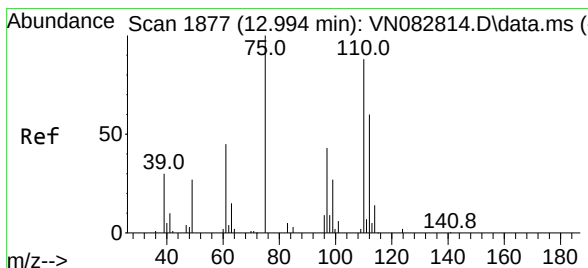
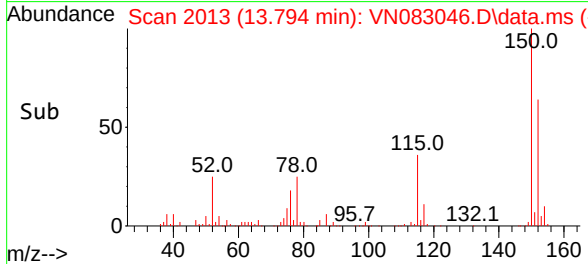
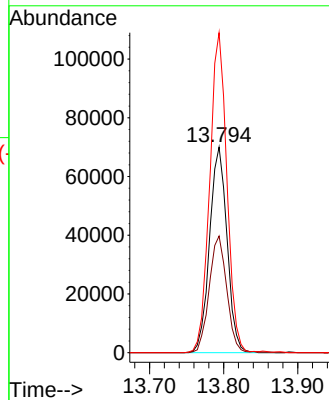
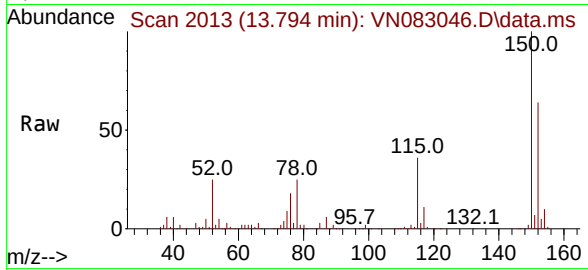




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083046.D
 Acq: 26 Jul 2024 12:58

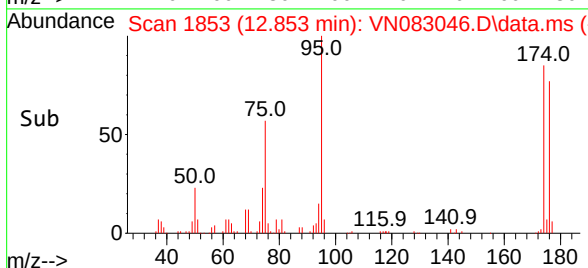
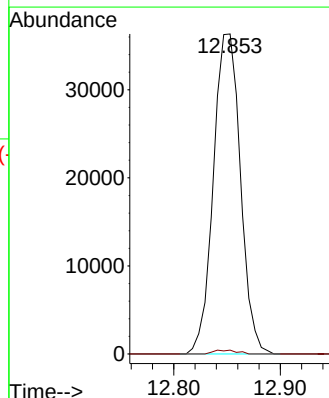
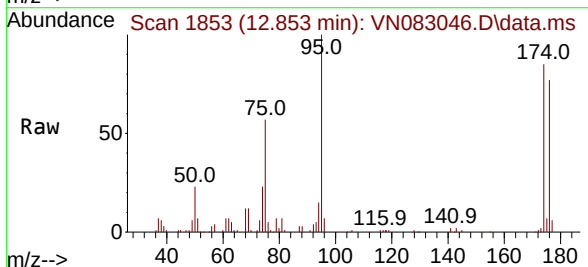
Instrument :
 MSVOA_N
 ClientSampleId :

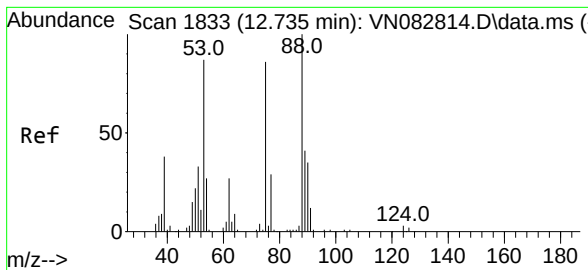
Tgt Ion:152 Resp: 114811
 Ion Ratio Lower Upper
 152 100
 115 56.9 30.6 91.6
 150 152.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 32.358 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN083046.D
 Acq: 26 Jul 2024 12:58

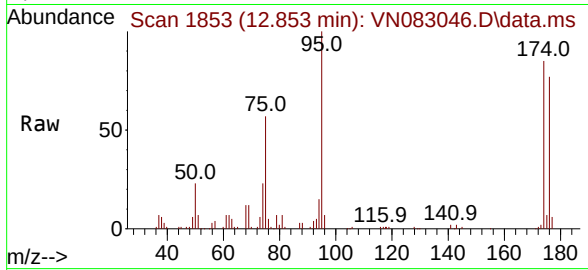
Tgt Ion: 75 Resp: 64049
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.638 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083046.D
 Acq: 26 Jul 2024 12:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 64049
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.4 132.6#
 89 0.0 36.3 54.5#

