

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083001.D
 Acq On : 22 Jul 2024 13:27
 Operator : JC\MD
 Sample : P3294-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 23 03:50:01 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)

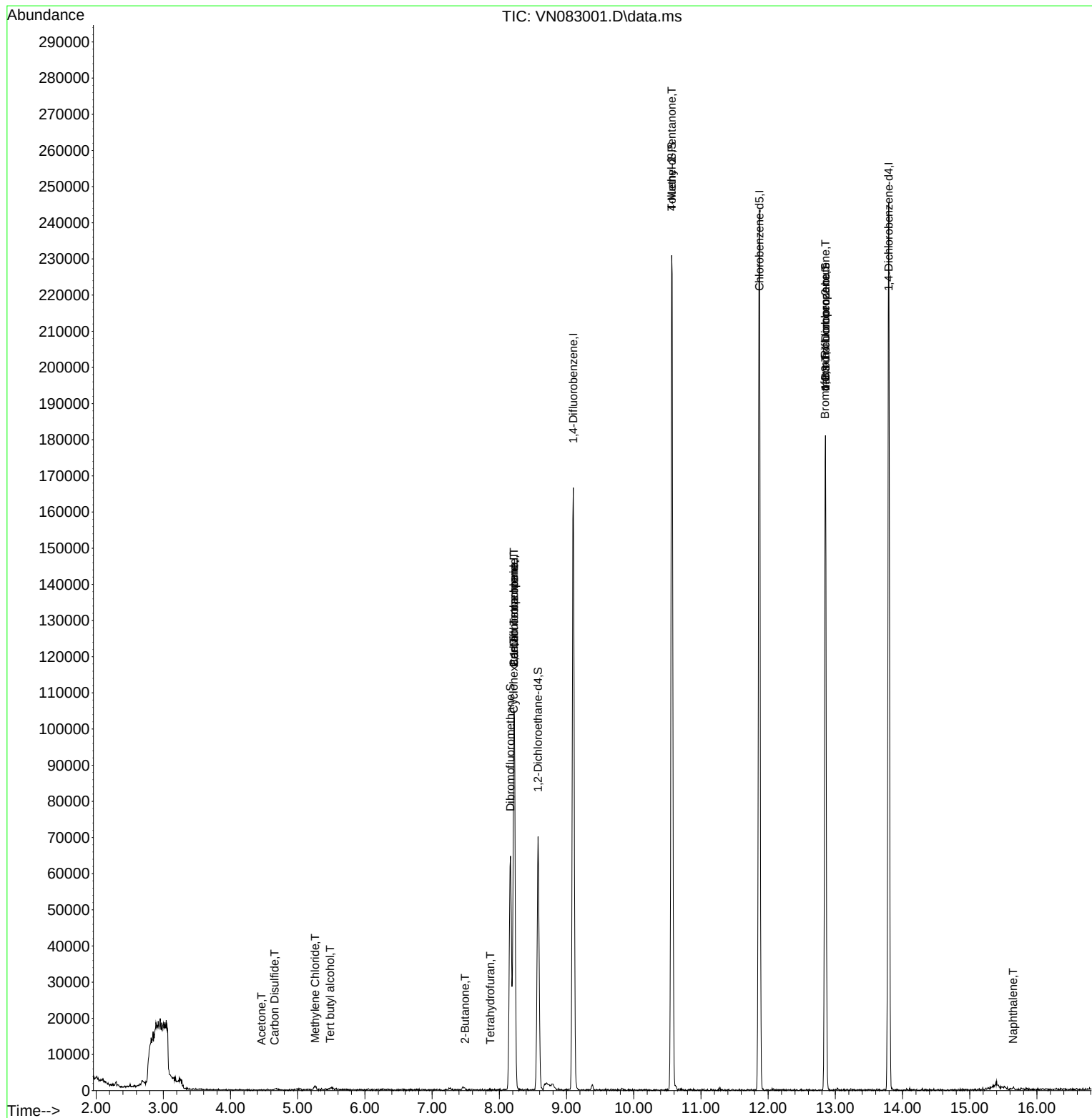
Internal Standards						
1) Pentafluorobenzene	8.218	168	75063	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.100	114	141621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	136015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	54979	52.250	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.500%			
35) Dibromofluoromethane	8.165	113	46231	50.873	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	10.565	98	161953	48.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.500%			
62) 4-Bromofluorobenzene	12.853	95	57581	47.759	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.520%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.483	59	145	0.819	ug/l #	71
16) Acetone	4.459	43	115	0.310	ug/l #	48
17) Carbon Disulfide	4.653	76	585	0.255	ug/l #	75
20) Methylene Chloride	5.259	84	762	0.852	ug/l #	14
25) 2-Butanone	7.489	43	115	0.206	ug/l #	53
29) Tetrahydrofuran	7.865	42	113	0.321	ug/l #	38
31) Cyclohexane	8.212	56	1998	1.452	ug/l #	34
36) 1,1-Dichloropropene	8.218	75	6518	5.202	ug/l #	49
38) Carbon Tetrachloride	8.218	117	8043	5.332	ug/l #	18
43) Isopropyl Acetate	8.700	43	1432	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	666	0.527	ug/l #	1
71) Bromoform	12.847	173	635	0.779	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	31802	29.328	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	31802	57.679	ug/l #	6
95) Naphthalene	15.647	128	1085	0.284	ug/l #	69

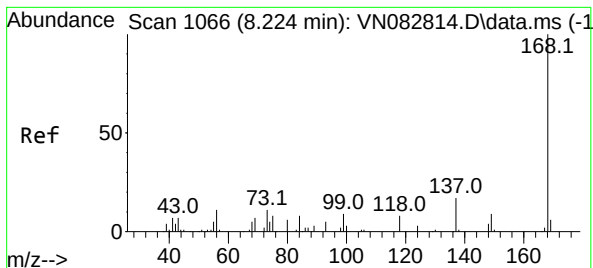
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.011 min

Lab File: VN083001.D

Acq: 22 Jul 2024 13:27

Instrument :

MSVOA_N

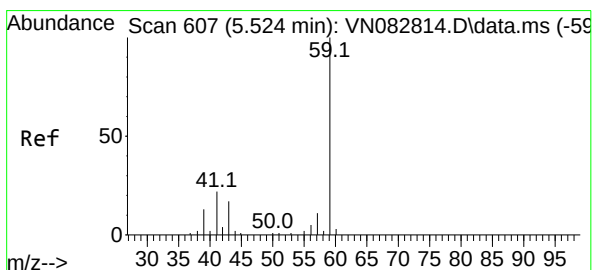
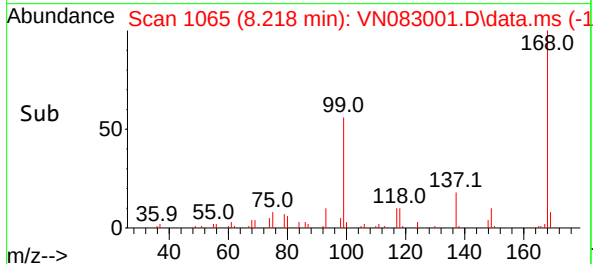
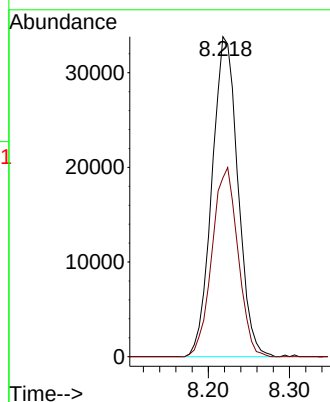
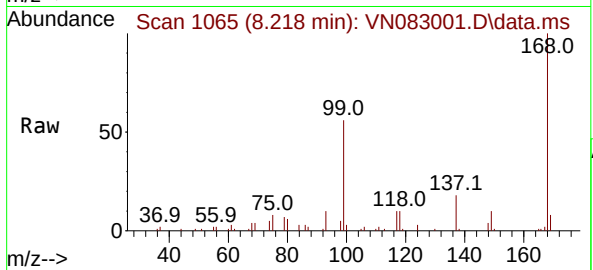
ClientSampleId :

Tgt Ion:168 Resp: 75063

Ion Ratio Lower Upper

168 100

99 55.9 48.2 72.4



#11

Tert butyl alcohol

Concen: 0.819 ug/l

RT: 5.483 min Scan# 600

Delta R.T. -0.041 min

Lab File: VN083001.D

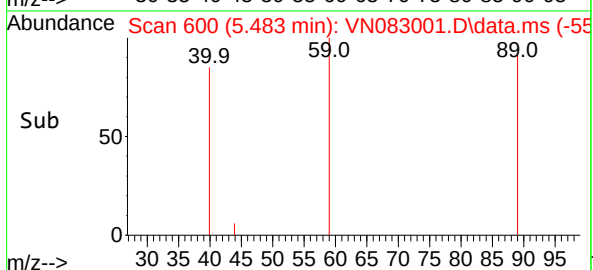
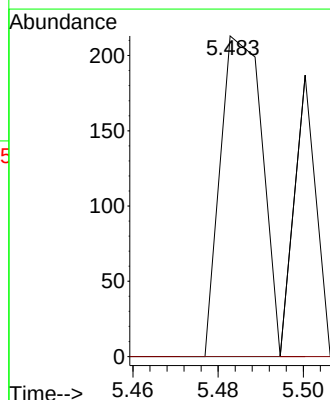
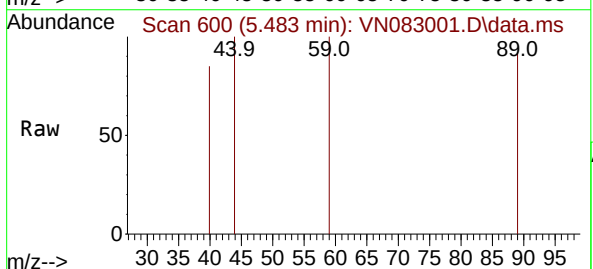
Acq: 22 Jul 2024 13:27

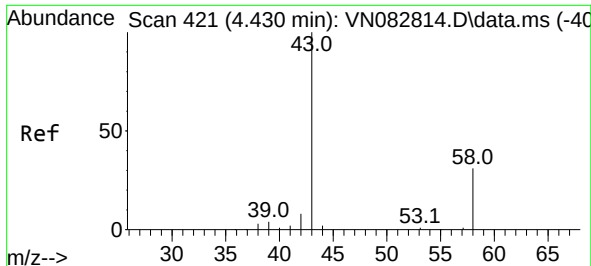
Tgt Ion: 59 Resp: 145

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#

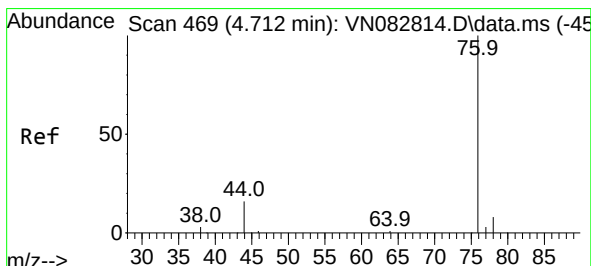
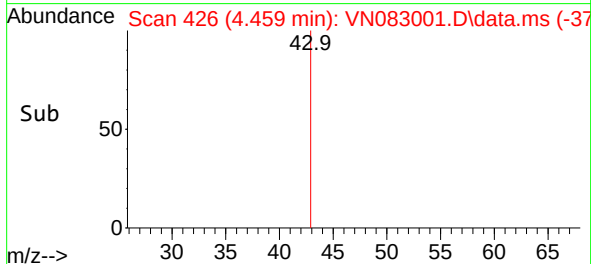
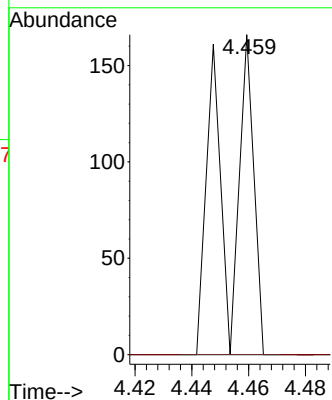
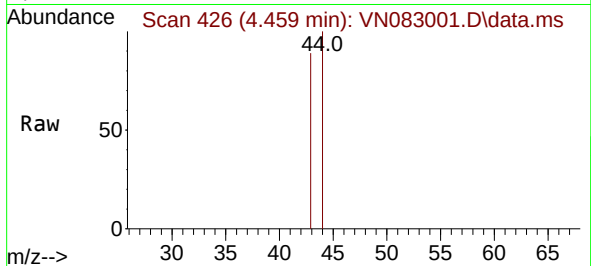




#16
Acetone
Concen: 0.310 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

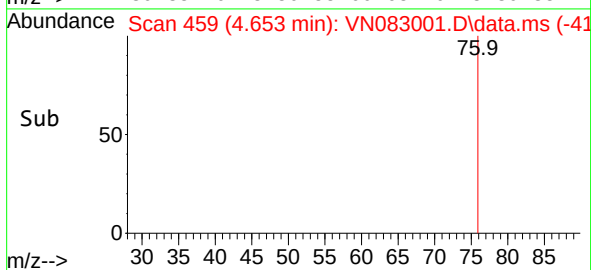
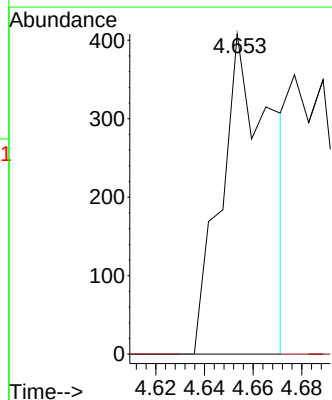
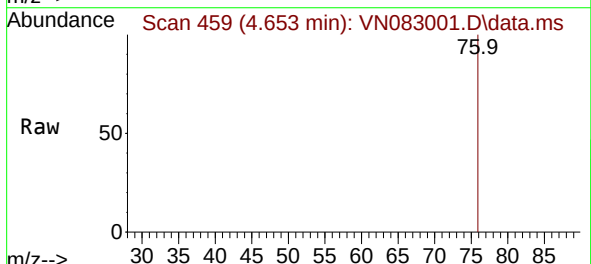
Instrument :
MSVOA_N
ClientSampleId :

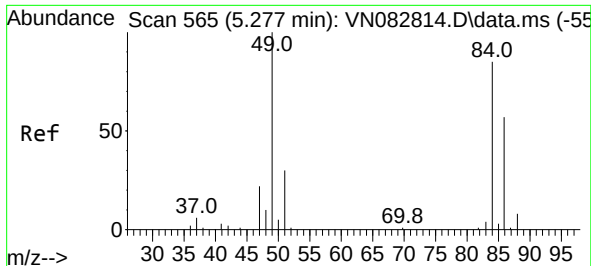
Tgt Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 4.653 min Scan# 459
Delta R.T. -0.059 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

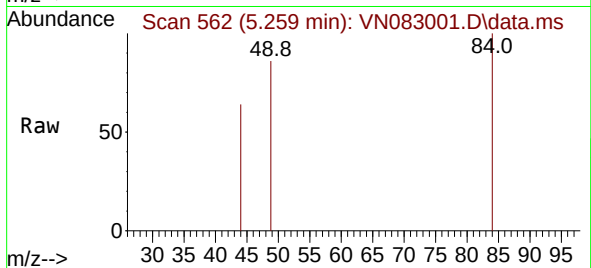
Tgt Ion: 76 Resp: 585
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



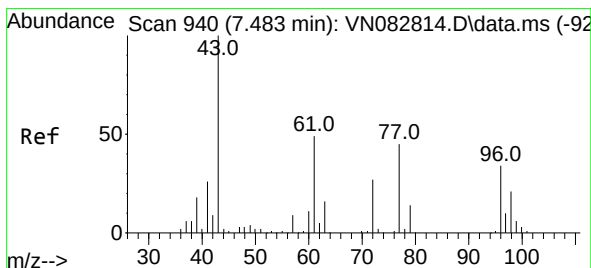
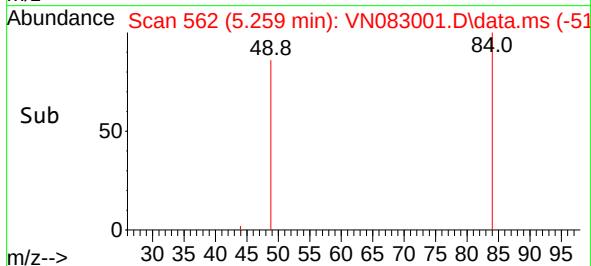
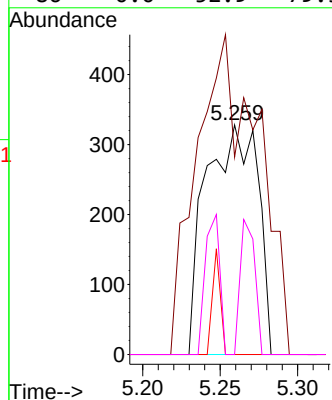


#20
Methylene Chloride
Concen: 0.852 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

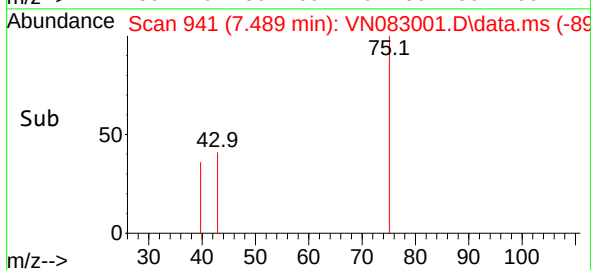
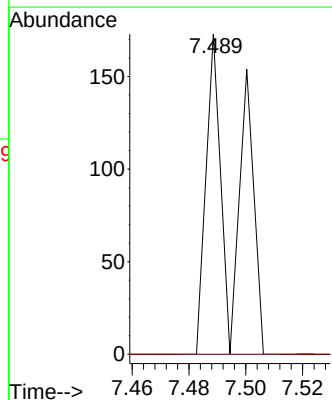
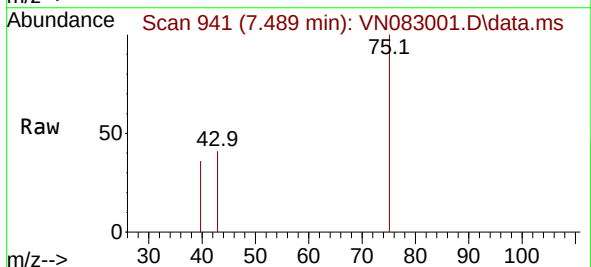


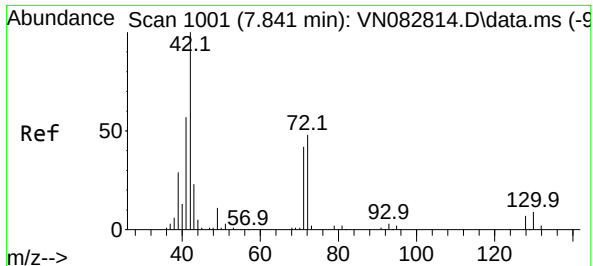
Tgt Ion:	84	Resp:	762
Ion	Ratio	Lower	Upper
84	100		
49	32.3	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#



#25
2-Butanone
Concen: 0.206 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

Tgt Ion:	43	Resp:	115
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#





#29

Tetrahydrofuran

Concen: 0.321 ug/l

RT: 7.865 min Scan# 1

Delta R.T. 0.024 min

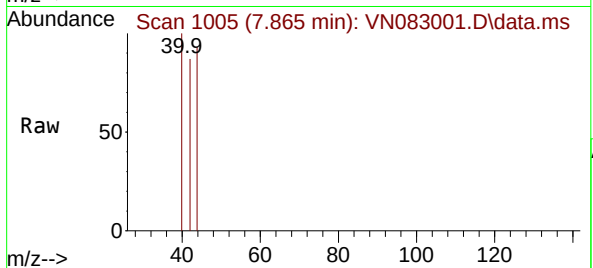
Lab File: VN083001.D

Acq: 22 Jul 2024 13:27

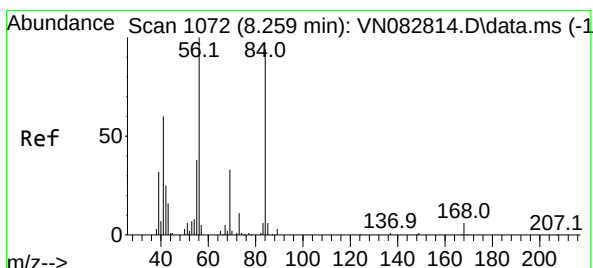
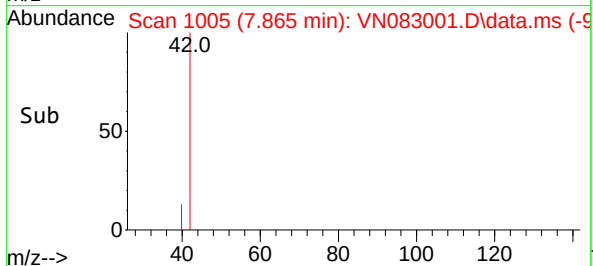
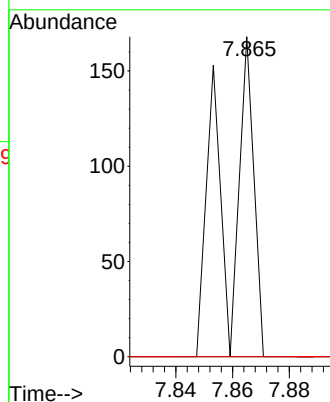
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	113
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.0	45.0#
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.452 ug/l

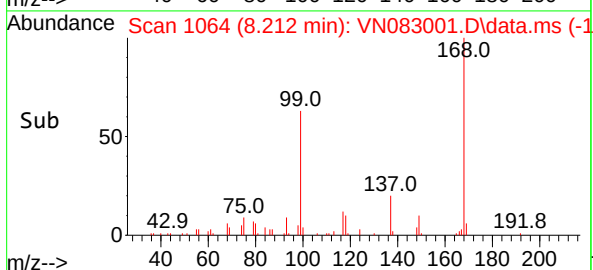
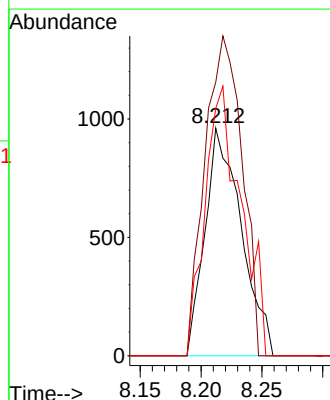
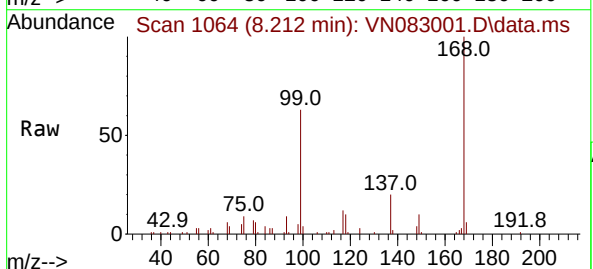
RT: 8.212 min Scan# 1064

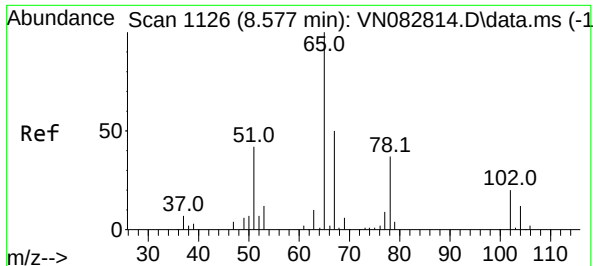
Delta R.T. -0.047 min

Lab File: VN083001.D

Acq: 22 Jul 2024 13:27

Tgt Ion:	56	Resp:	1998
Ion	Ratio	Lower	Upper
56	100		
69	120.1	24.5	36.7#
84	108.6	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 52.250 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083001.D

Acq: 22 Jul 2024 13:27

Instrument :

MSVOA_N

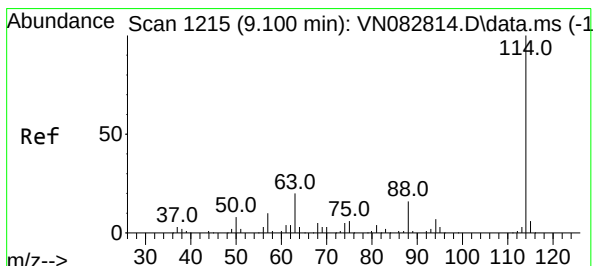
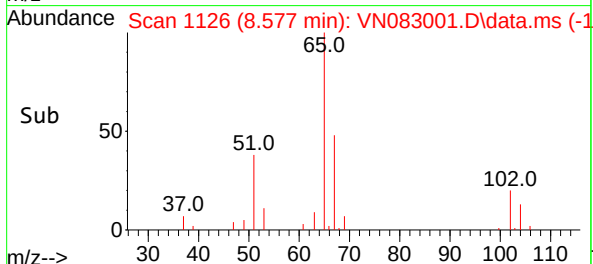
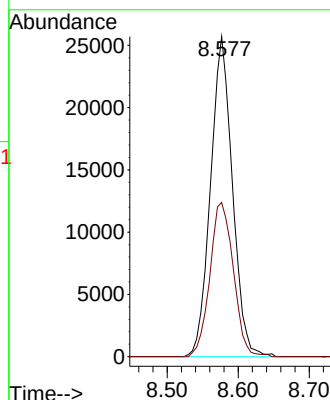
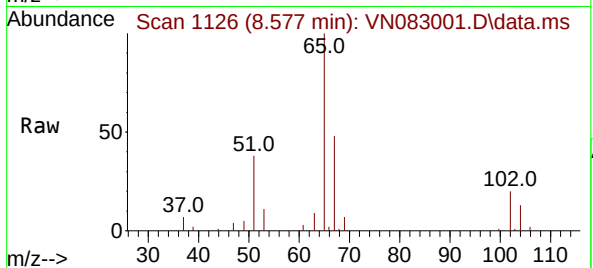
ClientSampleId :

Tgt Ion: 65 Resp: 54979

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083001.D

Acq: 22 Jul 2024 13:27

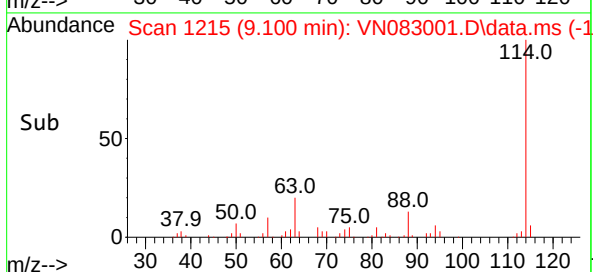
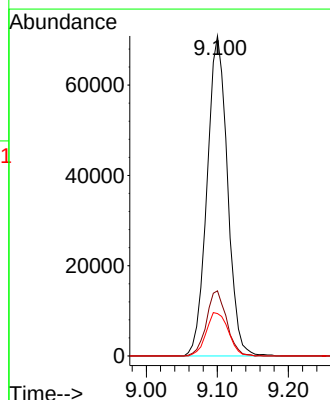
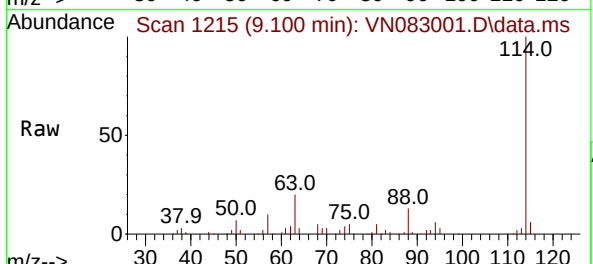
Tgt Ion: 114 Resp: 141621

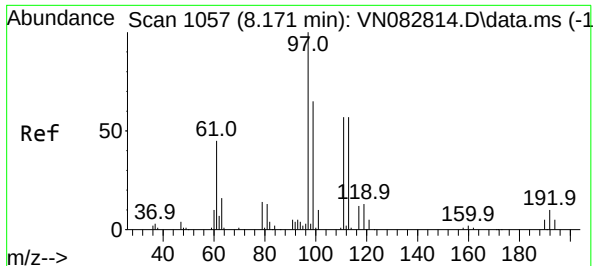
Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.6

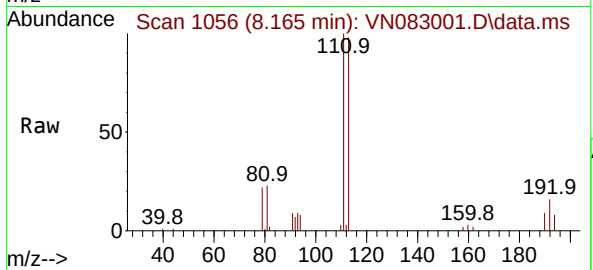
88 13.3 0.0 31.4



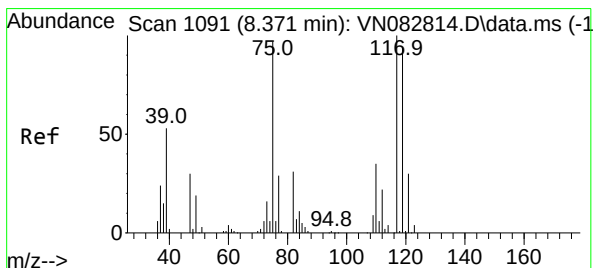
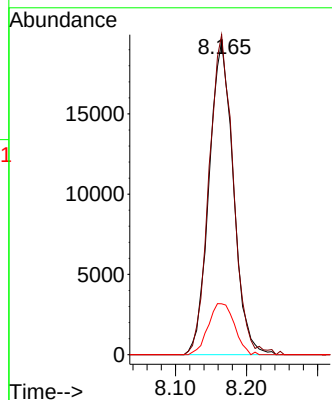
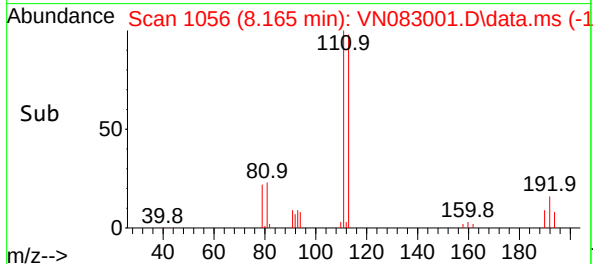


#35
Dibromofluoromethane
Concen: 50.873 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

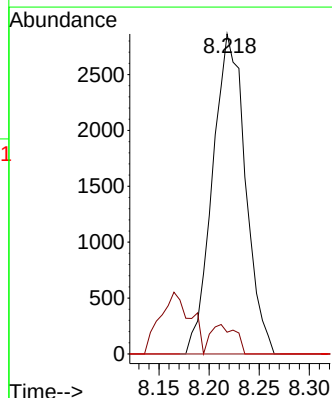
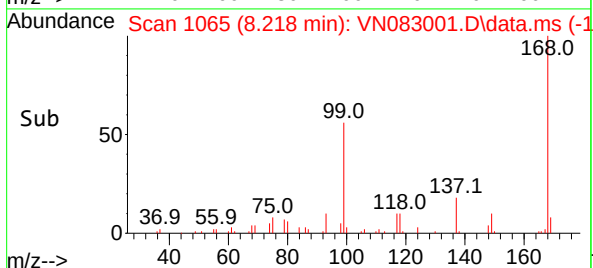
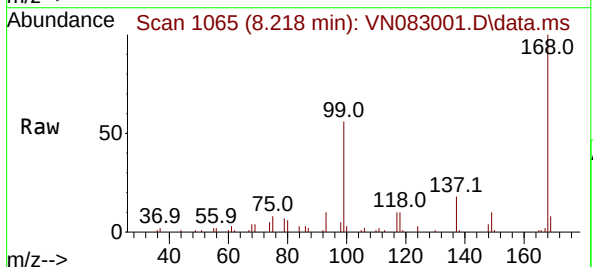


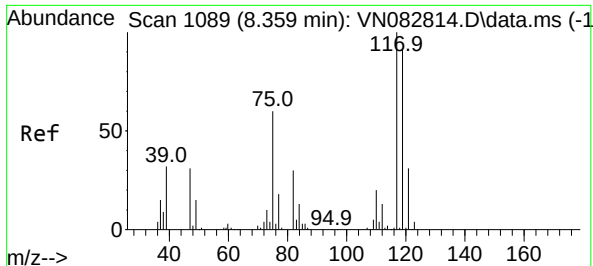
Tgt Ion:113 Resp: 46231
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 17.7 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.202 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

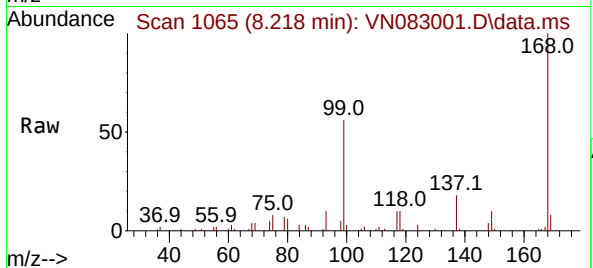
Tgt Ion: 75 Resp: 6518
Ion Ratio Lower Upper
75 100
110 6.9 16.3 48.9#
77 0.0 24.6 37.0#



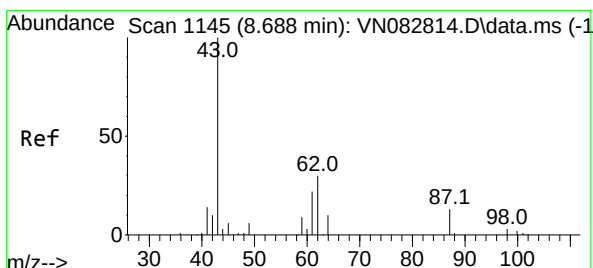
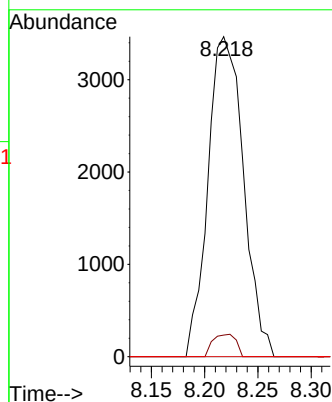
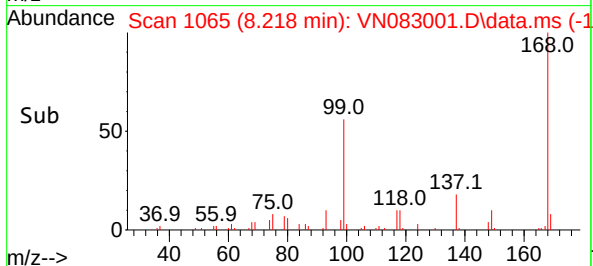


#38
Carbon Tetrachloride
Concen: 5.332 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

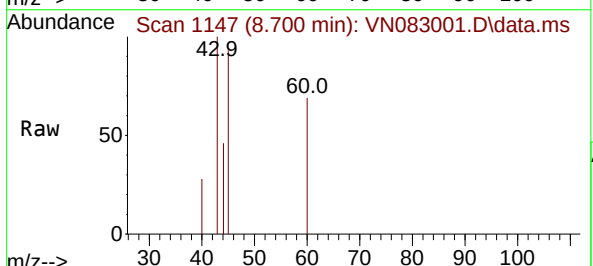
Instrument :
MSVOA_N
ClientSampleId :



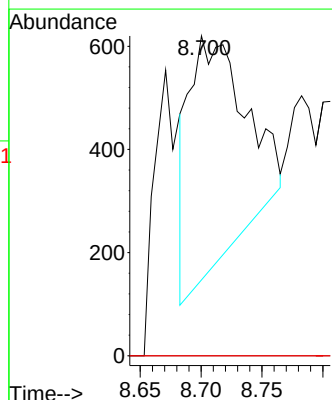
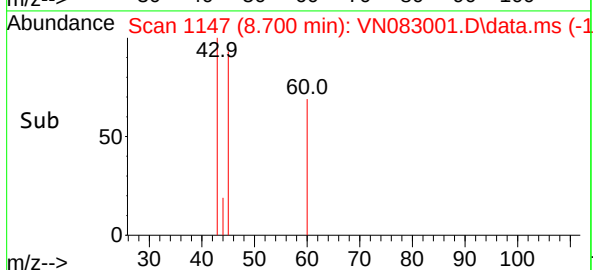
Tgt Ion:117 Resp: 8043
Ion Ratio Lower Upper
117 100
119 6.8 74.9 112.3#
121 0.0 24.3 36.5#

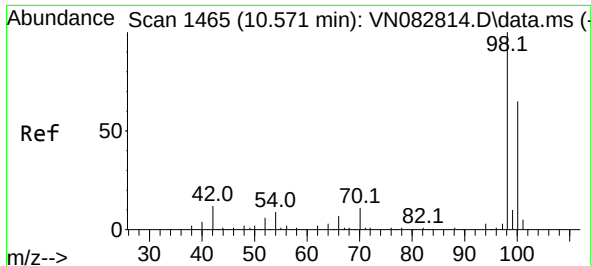


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27



Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

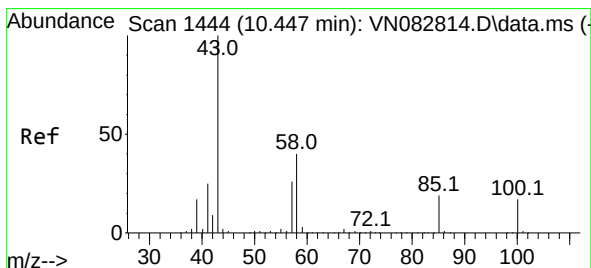
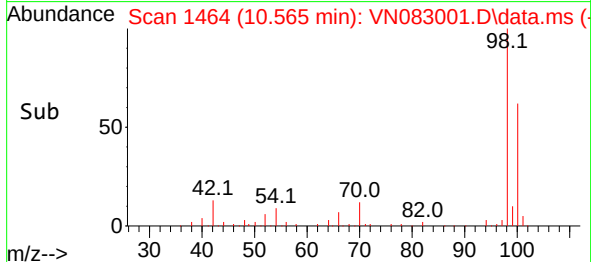
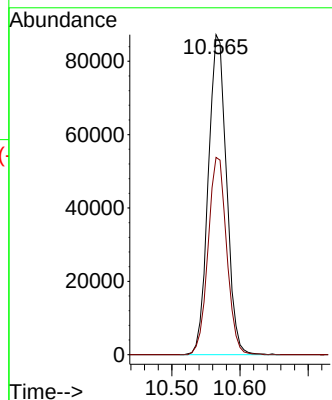
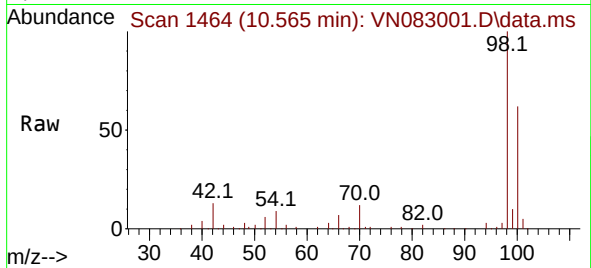




#50
Toluene-d8
Concen: 48.252 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.005 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

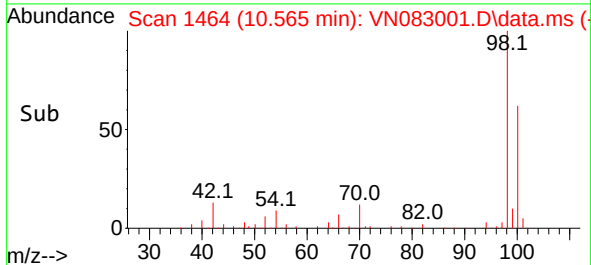
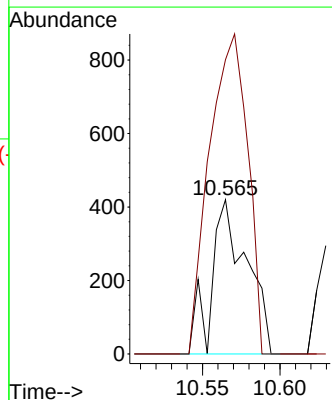
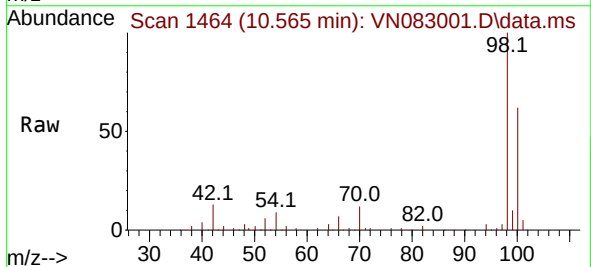
Instrument :
MSVOA_N
ClientSampleId :

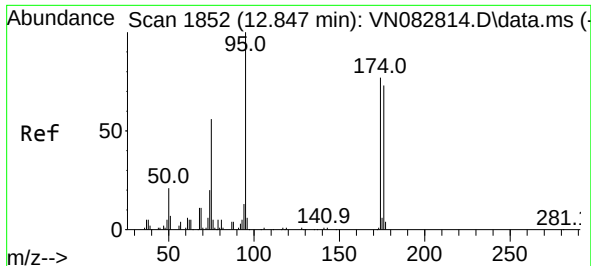
Tgt Ion: 98 Resp: 161953
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 224.3 28.2 42.4#

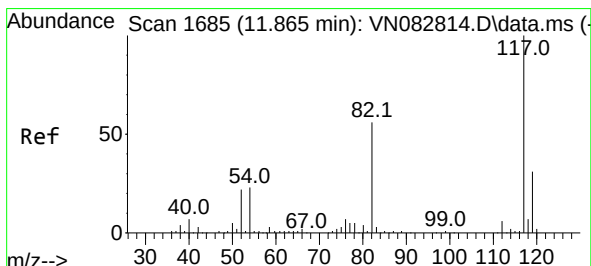
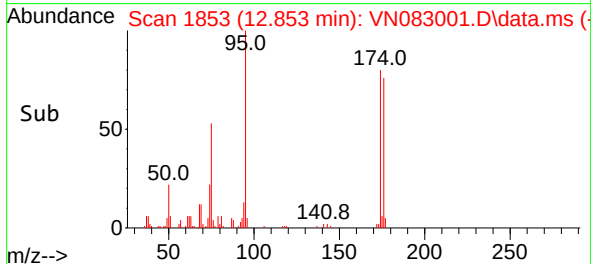
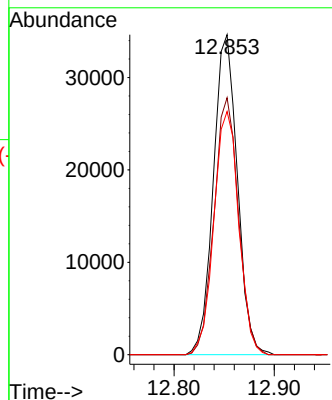
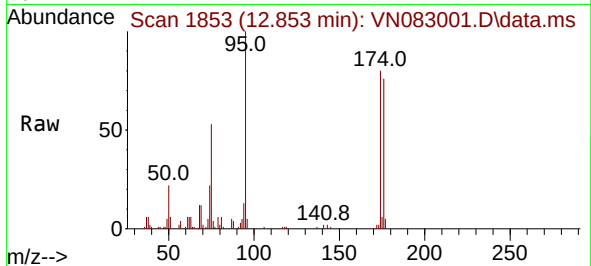




#62
4-Bromofluorobenzene
Concen: 47.759 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

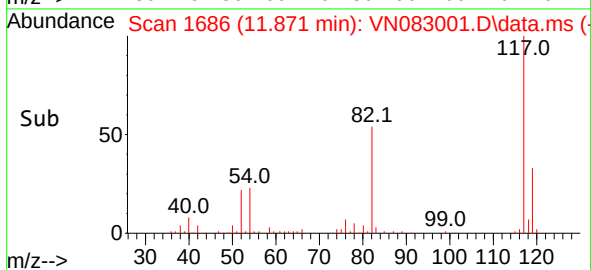
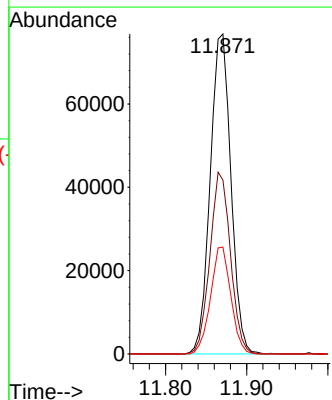
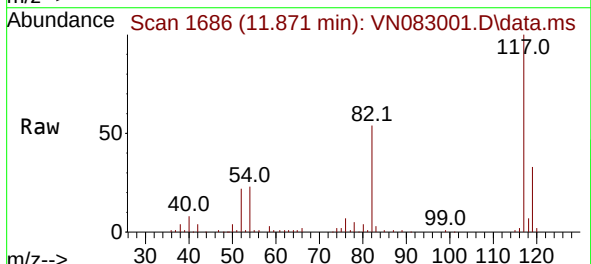
Instrument :
MSVOA_N
ClientSampleId :

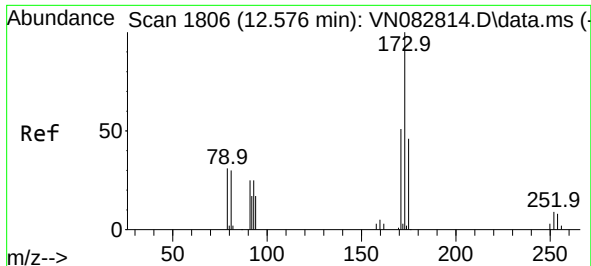
Tgt Ion: 95 Resp: 57581
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.2
176 78.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

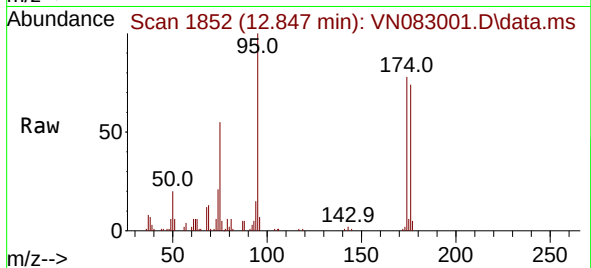
Tgt Ion: 117 Resp: 136015
Ion Ratio Lower Upper
117 100
82 54.3 47.5 71.3
119 33.4 25.6 38.4



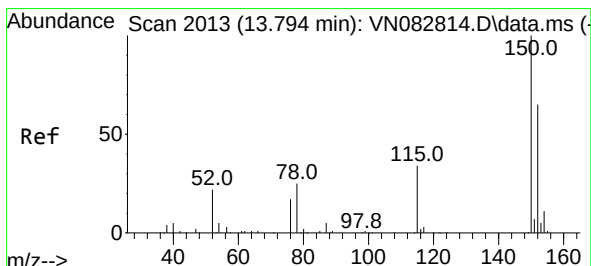
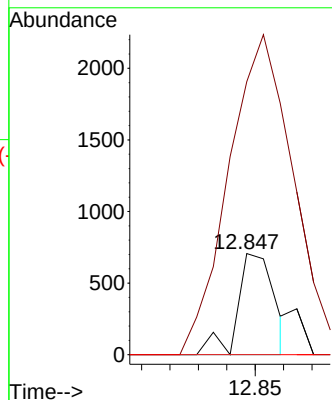
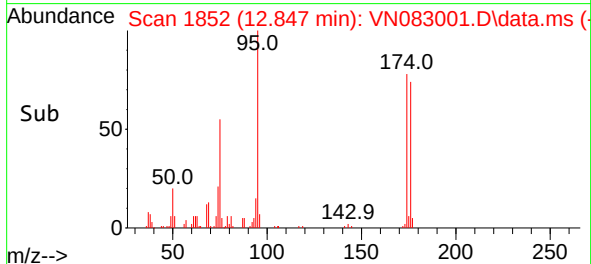


#71
Bromoform
Concen: 0.779 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

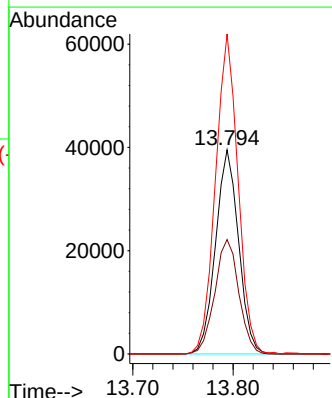
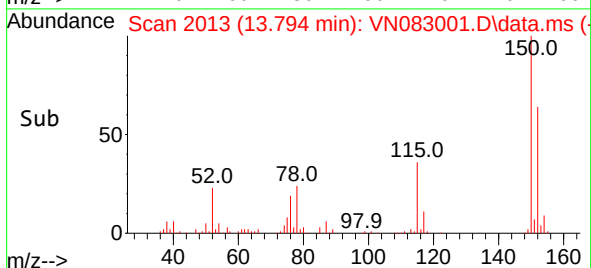
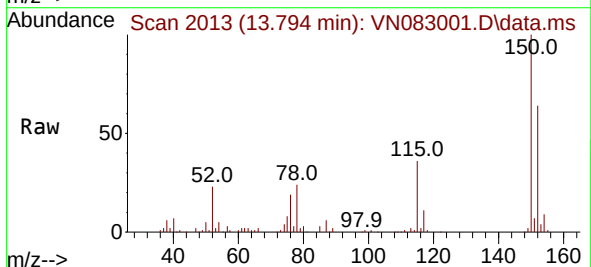


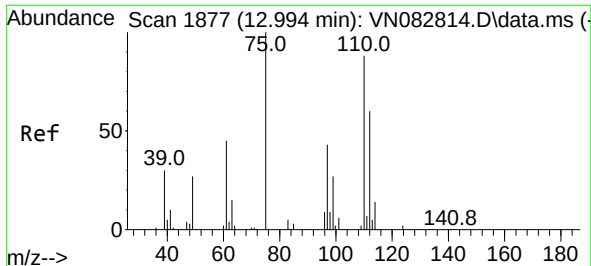
Tgt Ion:173 Resp: 635
Ion Ratio Lower Upper
173 100
175 453.5 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

Tgt Ion:152 Resp: 62896
Ion Ratio Lower Upper
152 100
115 58.7 30.6 91.6
150 153.5 0.0 348.6

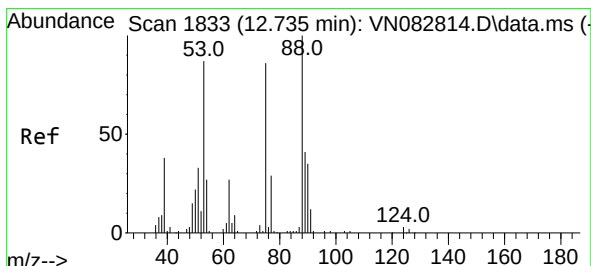
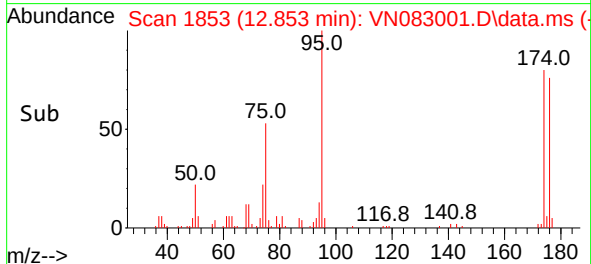
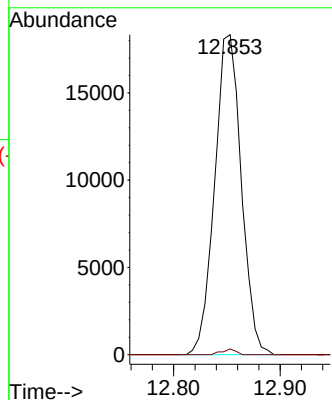
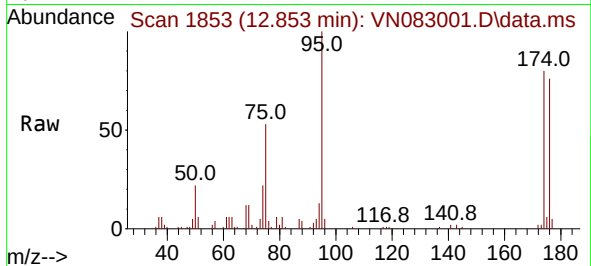




#76
1,2,3-Trichloropropane
Concen: 29.328 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

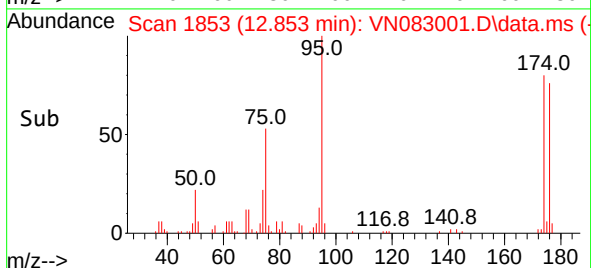
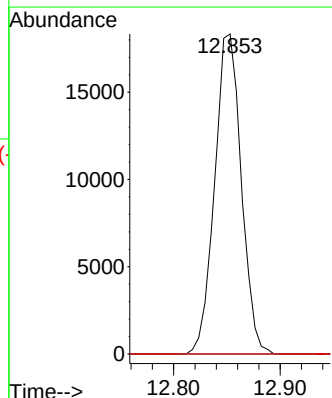
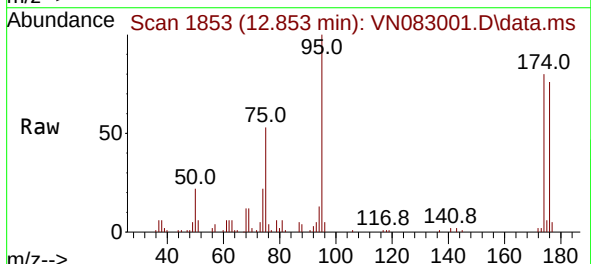
Instrument :
MSVOA_N
ClientSampleId :

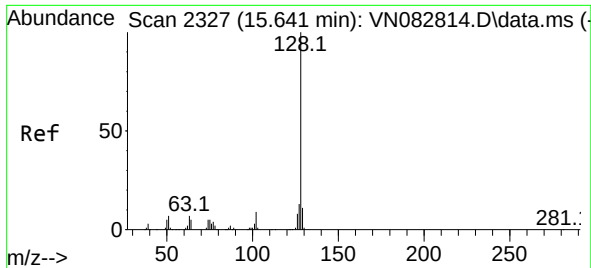
Tgt Ion: 75 Resp: 31802
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.679 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083001.D
Acq: 22 Jul 2024 13:27

Tgt Ion: 75 Resp: 31802
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#95

Naphthalene

Concen: 0.284 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

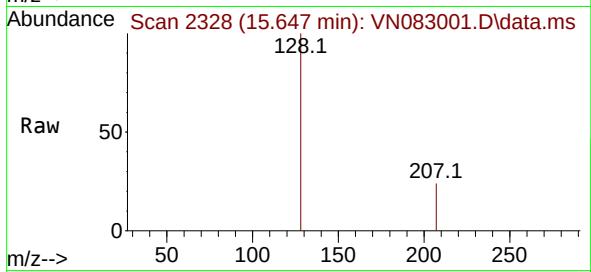
Lab File: VN083001.D

Acq: 22 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 1085

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 12.8#

