

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120224\
 Data File : VN085065.D
 Acq On : 02 Dec 2024 11:54
 Operator : JC\MD
 Sample : VN1202MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 03 00:47:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	167097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	292198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	257337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	122731	51.564	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.120%
35) Dibromofluoromethane	8.159	113	100911	51.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	10.565	98	331375	46.925	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.847	95	121381	45.963	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.920%

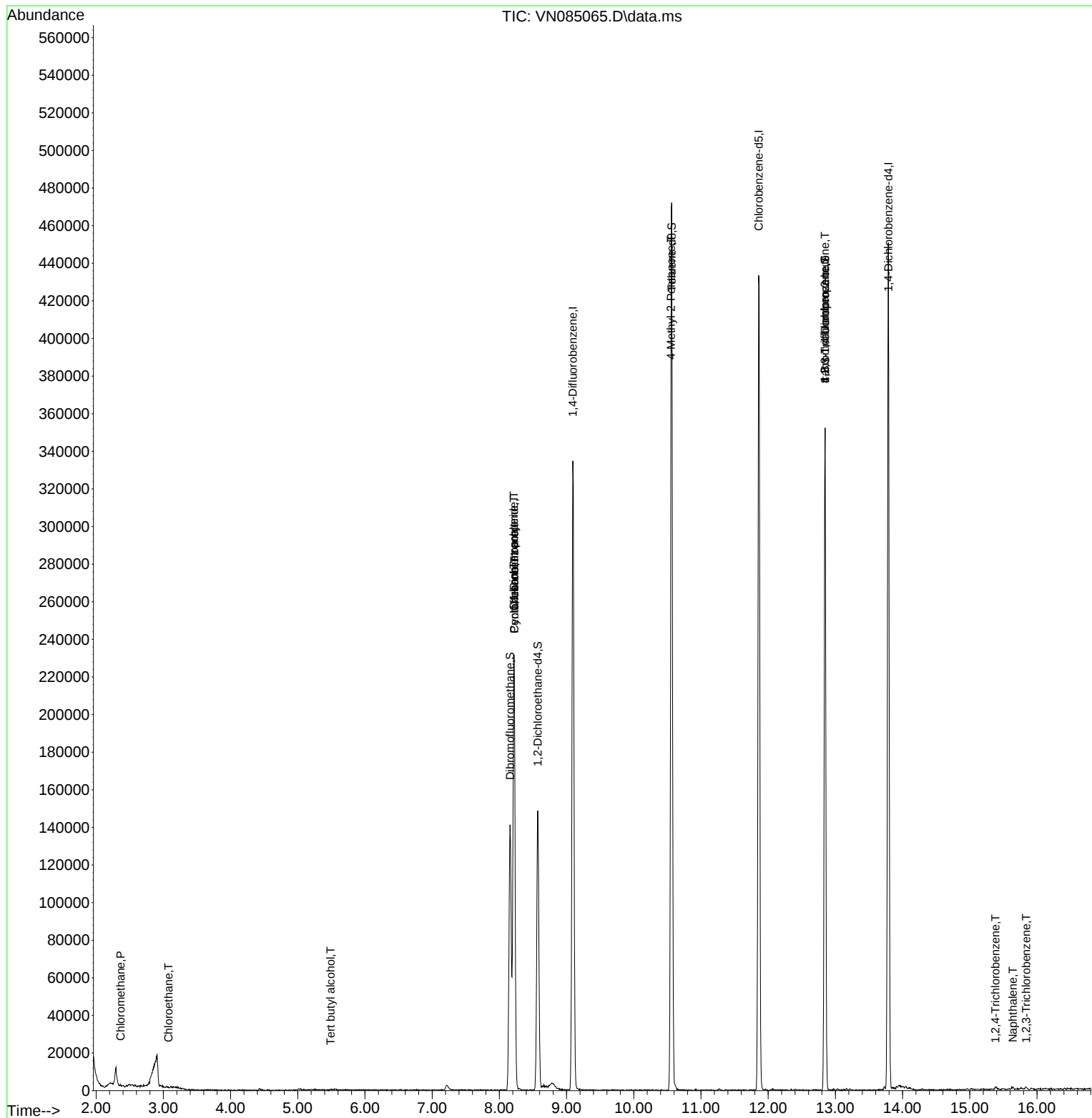
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	605	0.276	ug/l #	40
6) Chloroethane	3.077	64	465	0.350	ug/l #	44
11) Tert butyl alcohol	5.489	59	121	0.380	ug/l #	75
18) Methyl Acetate	5.024	43	964	Below Cal	#	50
31) Cyclohexane	8.224	56	3555	1.121	ug/l #	5
36) 1,1-Dichloropropene	8.218	75	13435	5.034	ug/l #	49
38) Carbon Tetrachloride	8.218	117	17924	5.818	ug/l #	15
51) 4-Methyl-2-Pentanone	10.553	43	1364	0.593	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	63411	28.869	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63411	63.731	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.382	180	593	0.252	ug/l #	72
95) Naphthalene	15.641	128	1890	0.282	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.841	180	661	0.294	ug/l #	82

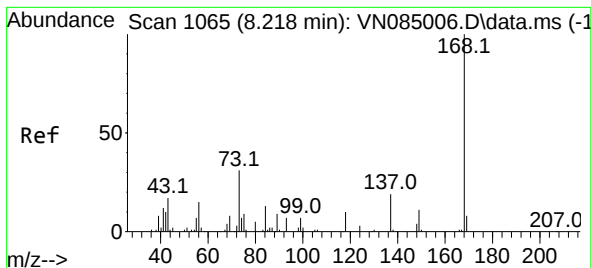
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120224\
Data File : VN085065.D
Acq On : 02 Dec 2024 11:54
Operator : JC\MD
Sample : VN1202MBL02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 03 00:47:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085065.D

Acq: 02 Dec 2024 11:54

Instrument :

MSVOA_N

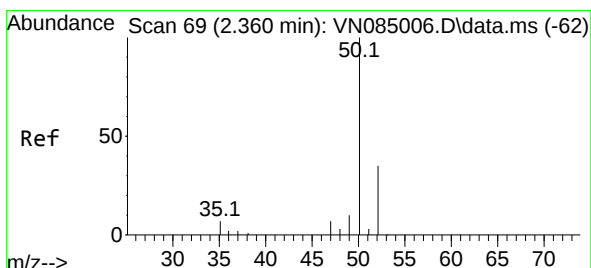
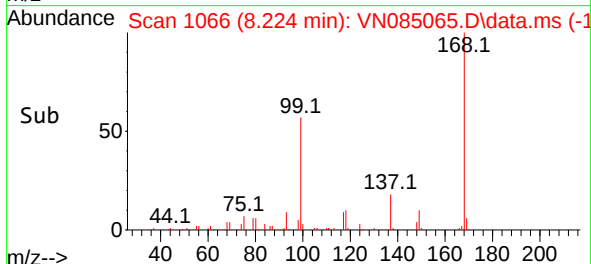
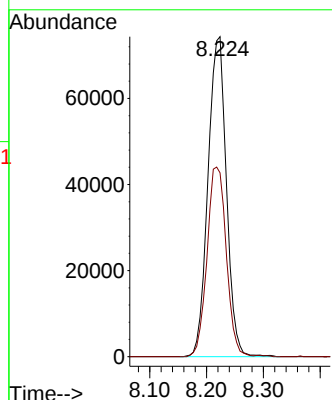
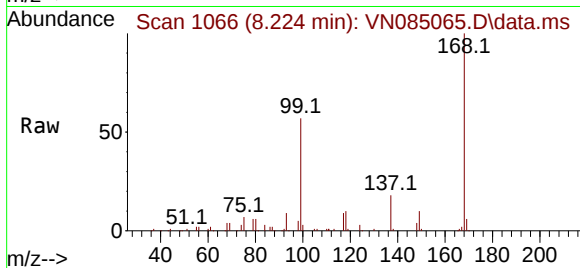
ClientSampleId :

Tgt Ion:168 Resp: 167097

Ion Ratio Lower Upper

168 100

99 57.5 51.2 76.8



#3

Chloromethane

Concen: 0.276 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN085065.D

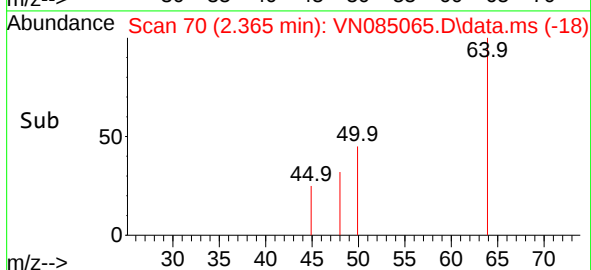
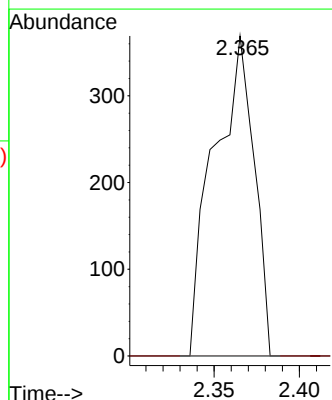
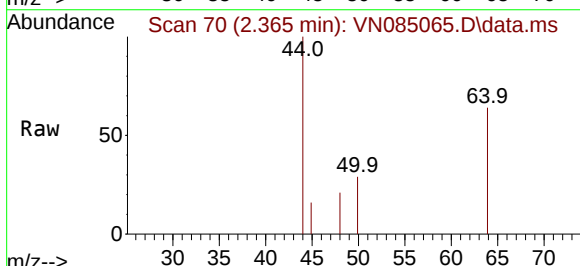
Acq: 02 Dec 2024 11:54

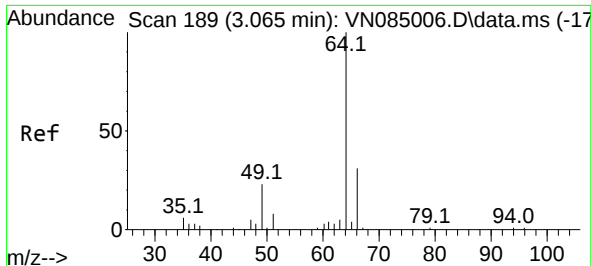
Tgt Ion: 50 Resp: 605

Ion Ratio Lower Upper

50 100

52 0.0 27.8 41.8#

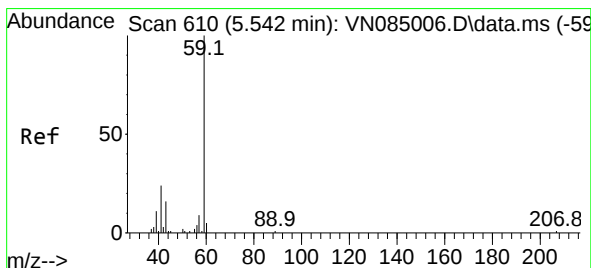
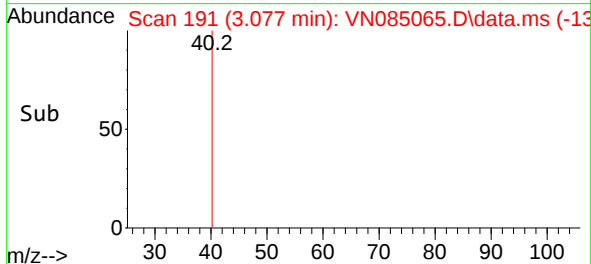
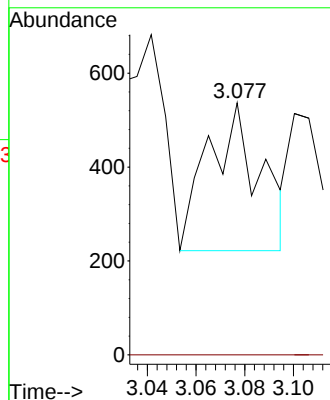
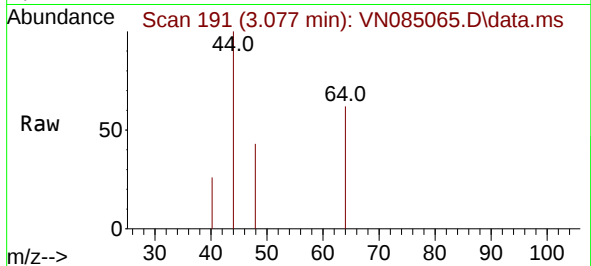




#6
Chloroethane
Concen: 0.350 ug/l
RT: 3.077 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

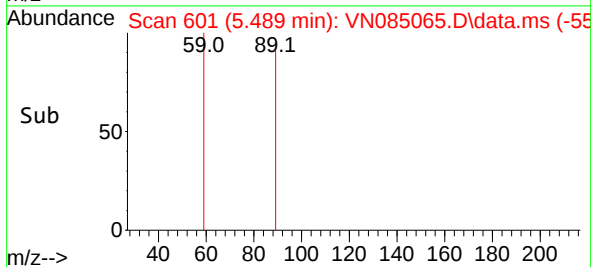
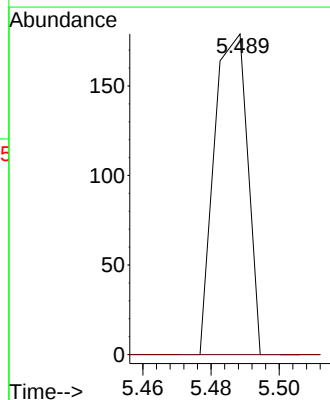
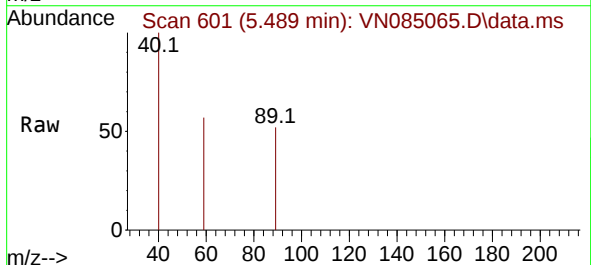
Instrument :
MSVOA_N
ClientSampleId :

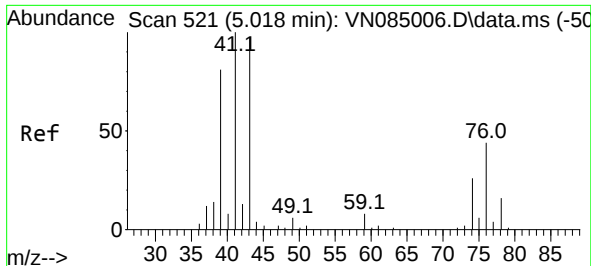
Tgt Ion: 64 Resp: 465
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#11
Tert butyl alcohol
Concen: 0.380 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.053 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

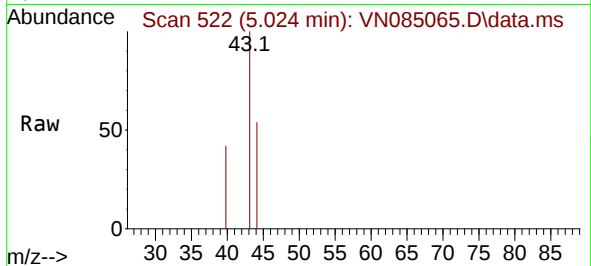
Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



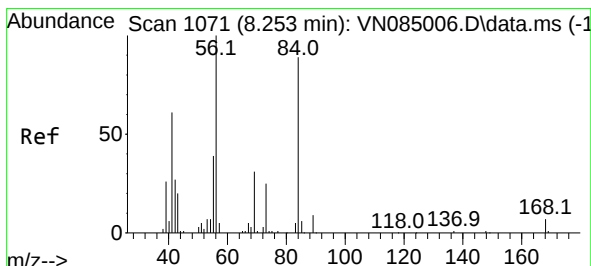
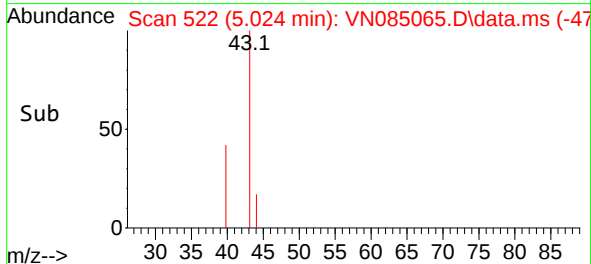
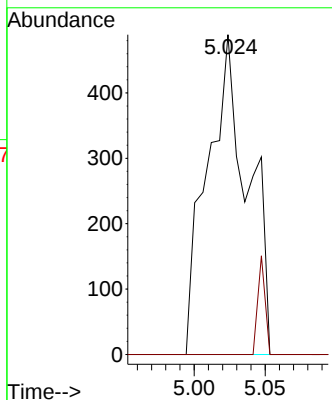


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

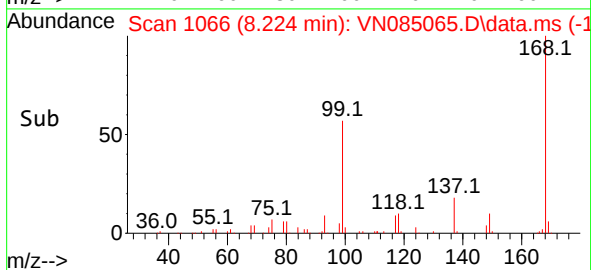
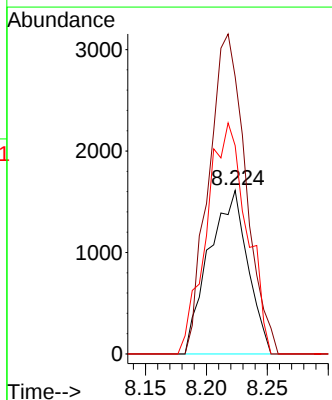
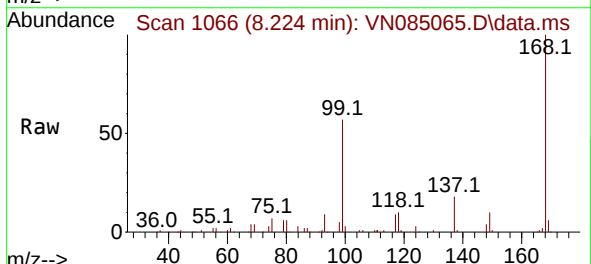


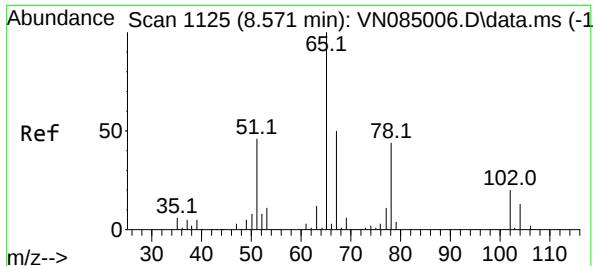
Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

Tgt Ion: 56 Resp: 3555
Ion Ratio Lower Upper
56 100
69 169.5 24.6 36.8#
84 127.4 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 51.564 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085065.D

Acq: 02 Dec 2024 11:54

Instrument :

MSVOA_N

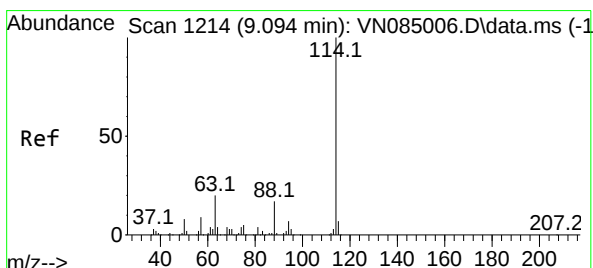
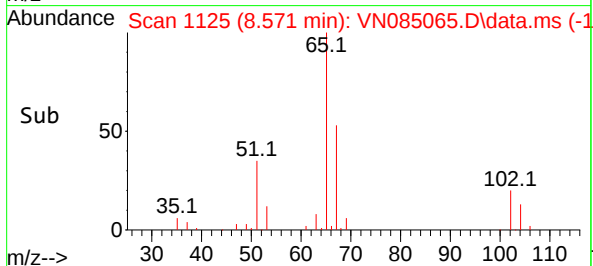
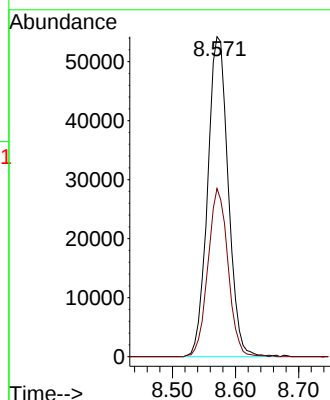
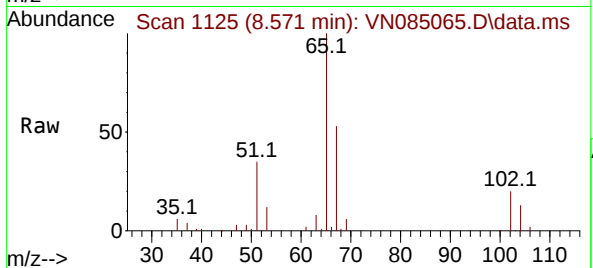
ClientSampleId :

Tgt Ion: 65 Resp: 122731

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085065.D

Acq: 02 Dec 2024 11:54

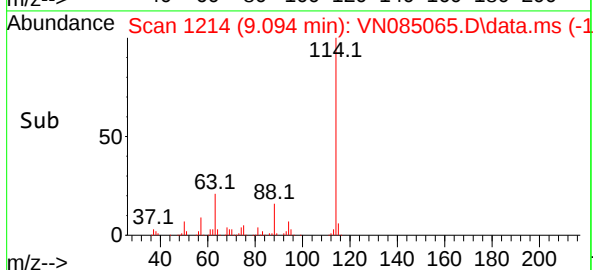
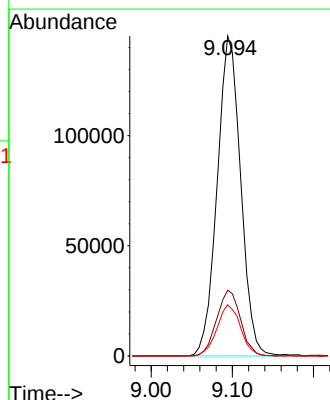
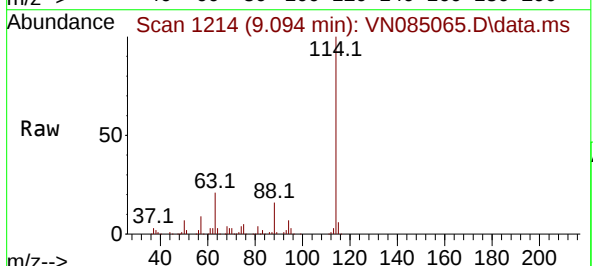
Tgt Ion: 114 Resp: 292198

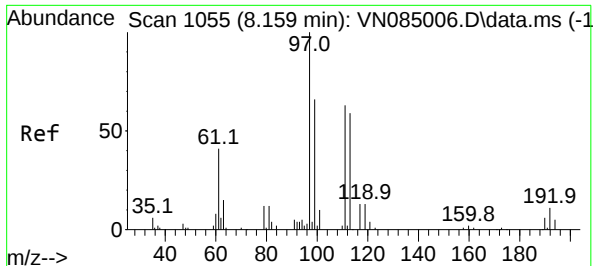
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 16.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.211 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085065.D

Acq: 02 Dec 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

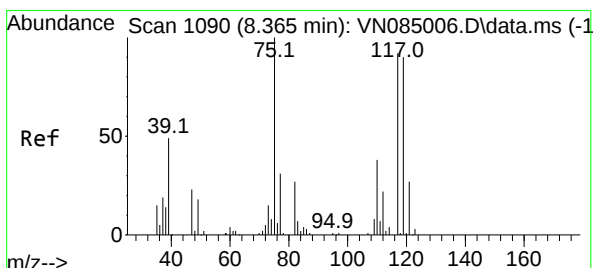
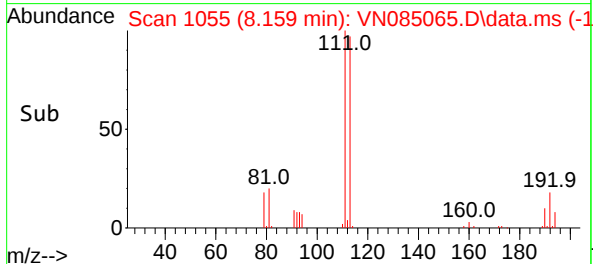
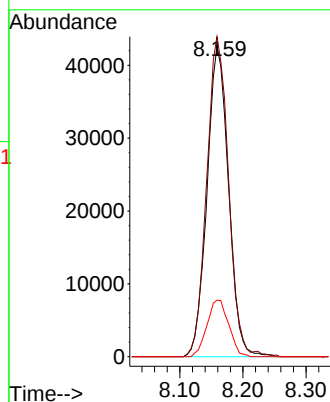
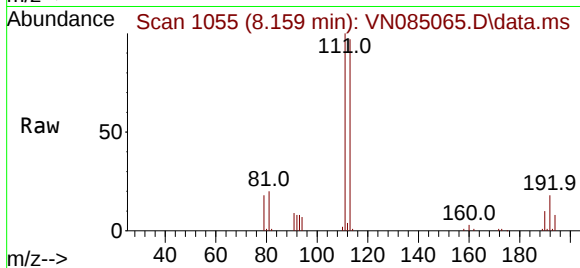
Tgt Ion:113 Resp: 100911

Ion Ratio Lower Upper

113 100

111 104.5 82.0 123.0

192 18.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.034 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085065.D

Acq: 02 Dec 2024 11:54

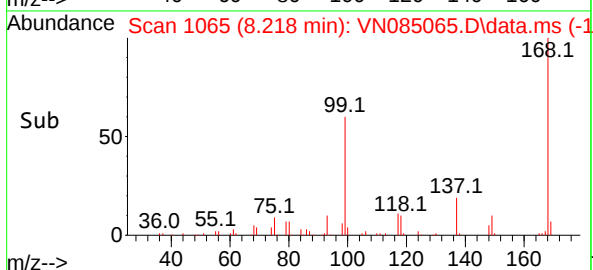
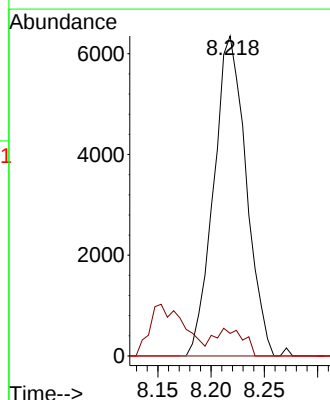
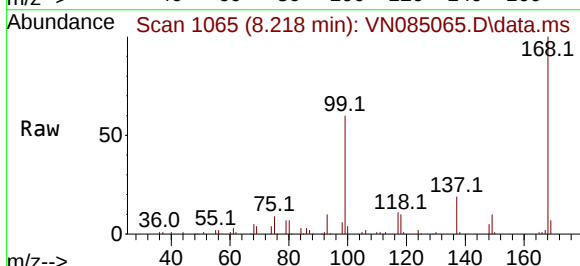
Tgt Ion: 75 Resp: 13435

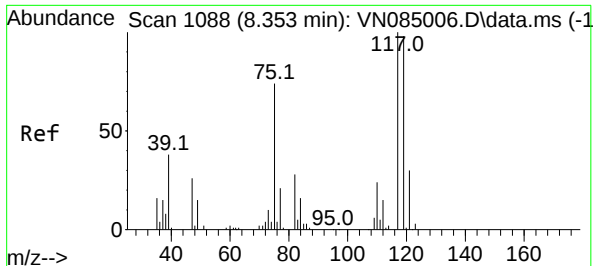
Ion Ratio Lower Upper

75 100

110 7.8 17.2 51.6#

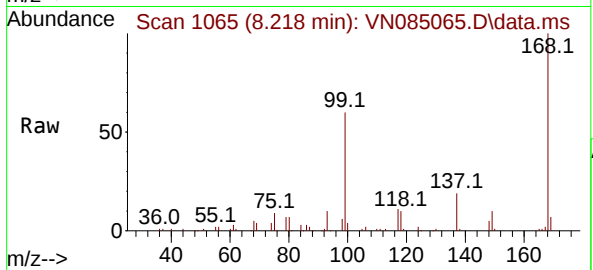
77 0.0 24.2 36.4#



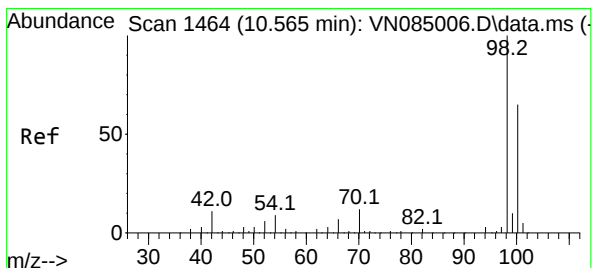
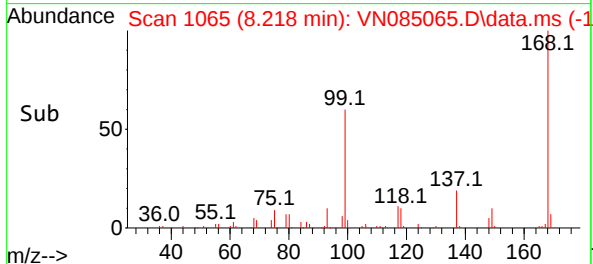
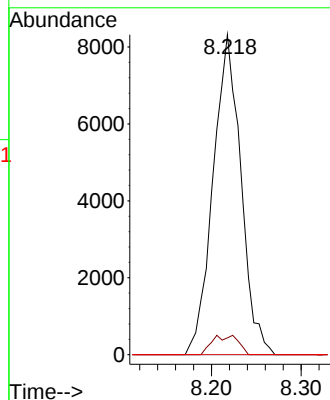


#38
Carbon Tetrachloride
Concen: 5.818 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.136 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :

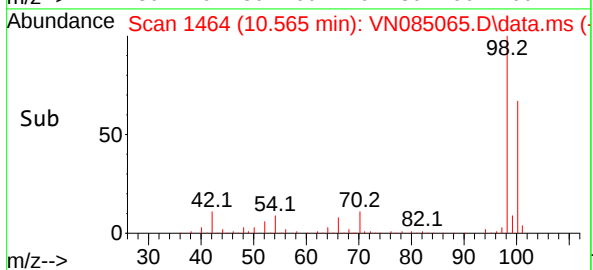
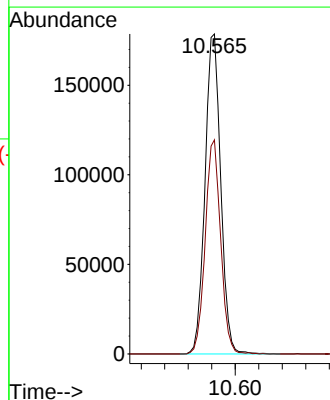
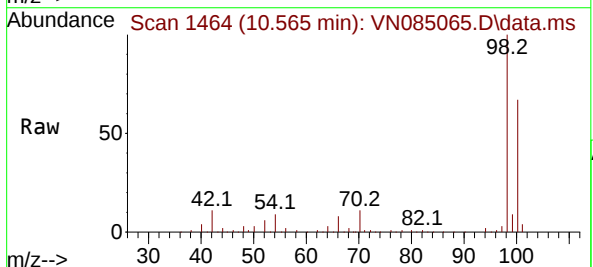


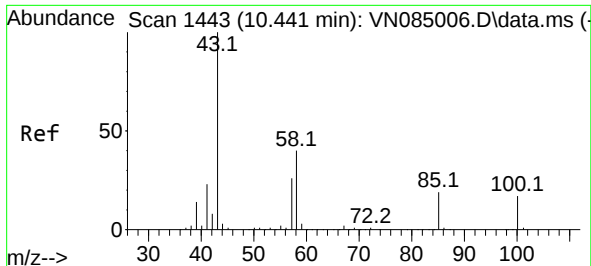
Tgt Ion:117 Resp: 17924
Ion Ratio Lower Upper
117 100
119 5.3 78.6 117.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.925 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

Tgt Ion: 98 Resp: 331375
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

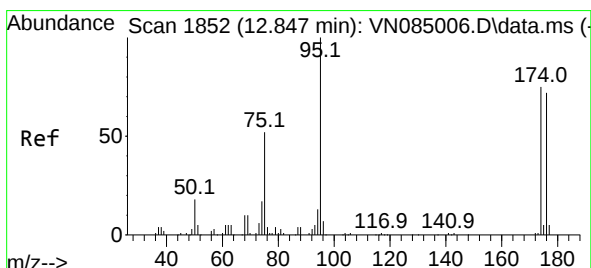
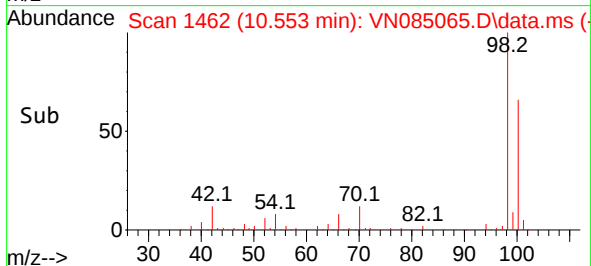
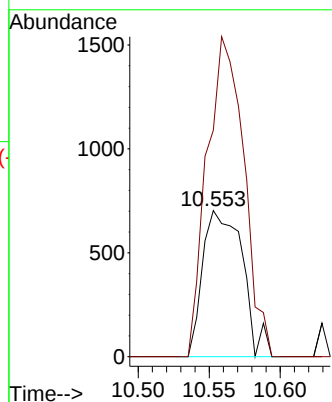
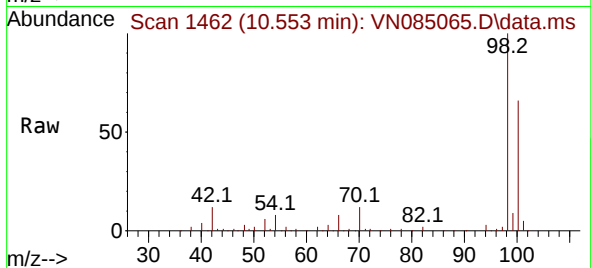




#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 10.553 min Scan# 1443
Delta R.T. 0.112 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

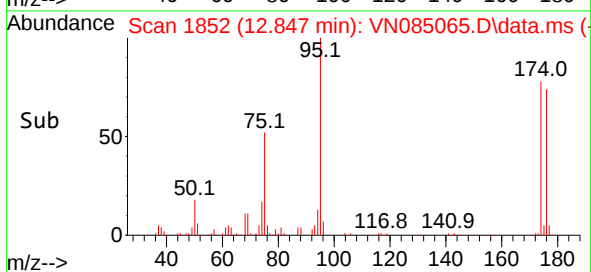
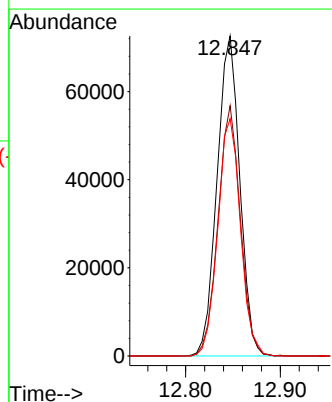
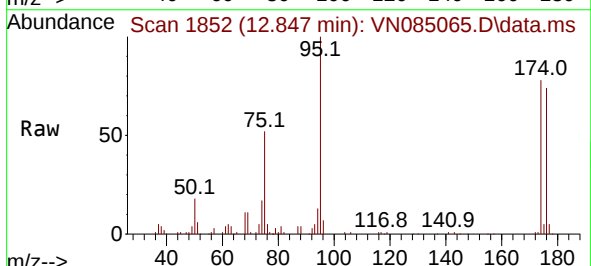
Instrument :
MSVOA_N
ClientSampleId :

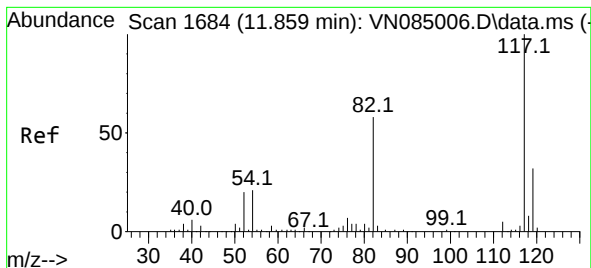
Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 204.0 32.1 48.1#



#62
4-Bromofluorobenzene
Concen: 45.963 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

Tgt Ion: 95 Resp: 121381
Ion Ratio Lower Upper
95 100
174 76.5 0.0 146.6
176 73.8 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085065.D

Acq: 02 Dec 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

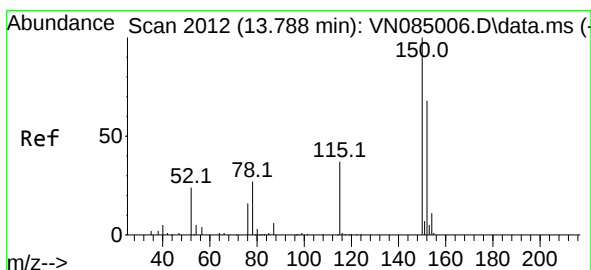
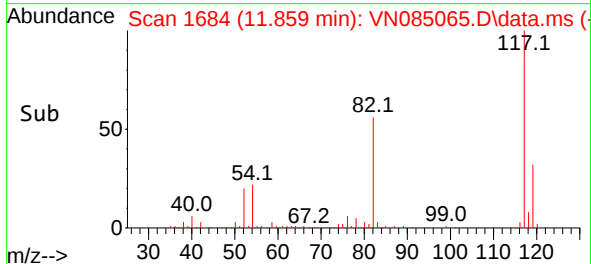
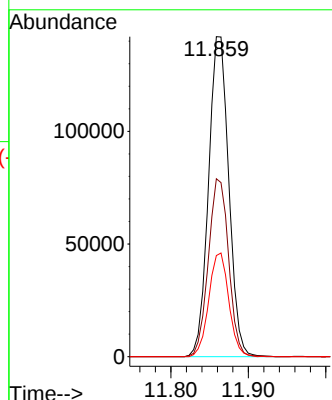
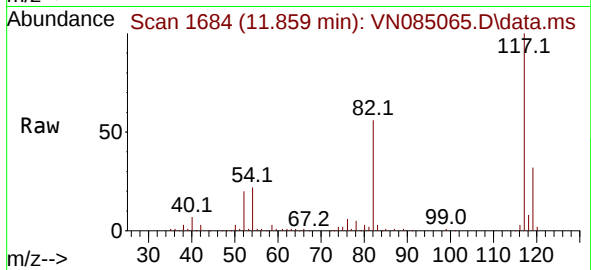
Tgt Ion:117 Resp: 257337

Ion Ratio Lower Upper

117 100

82 55.6 46.0 69.0

119 31.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085065.D

Acq: 02 Dec 2024 11:54

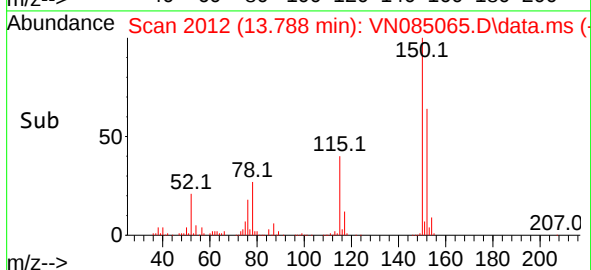
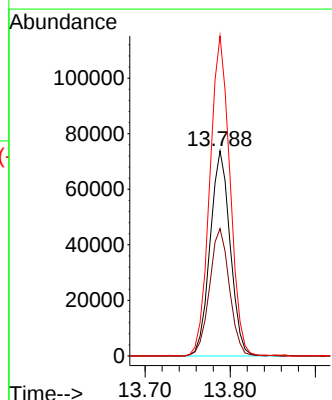
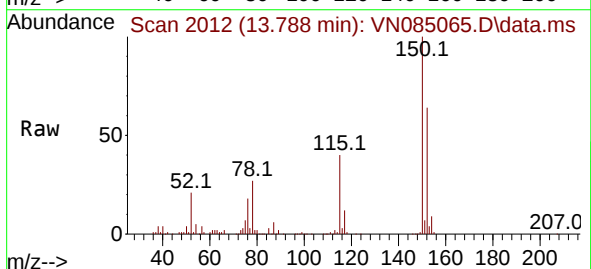
Tgt Ion:152 Resp: 120758

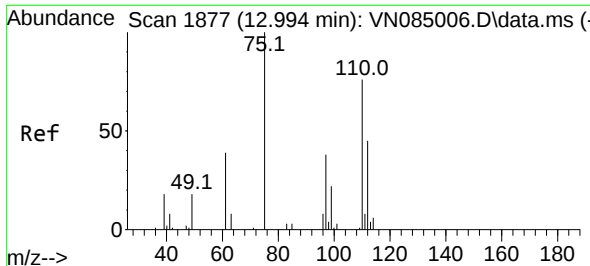
Ion Ratio Lower Upper

152 100

115 61.7 31.7 95.1

150 156.5 0.0 351.4

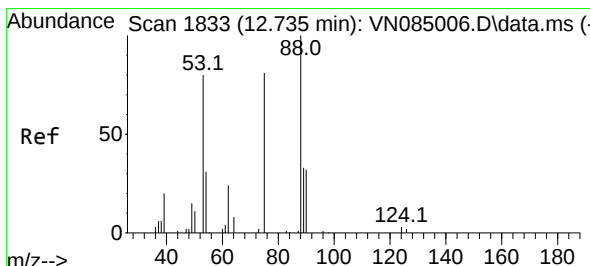
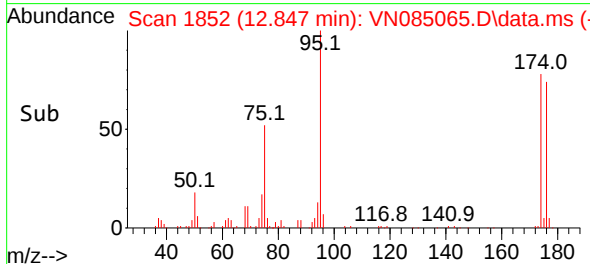
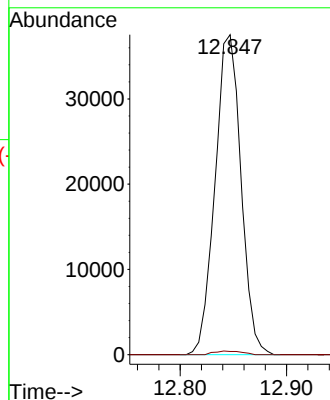
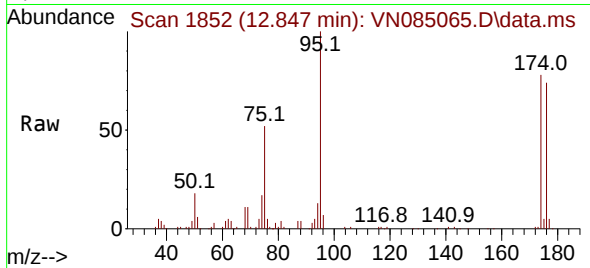




#76
1,2,3-Trichloropropane
Concen: 28.869 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

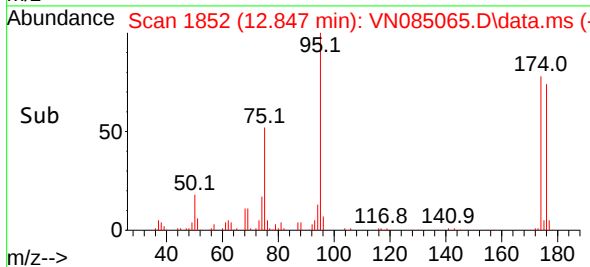
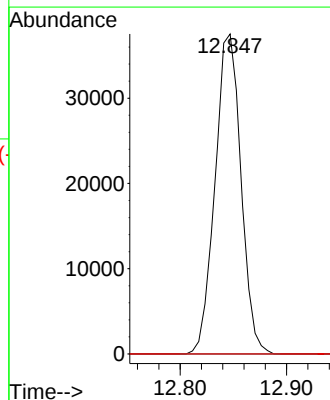
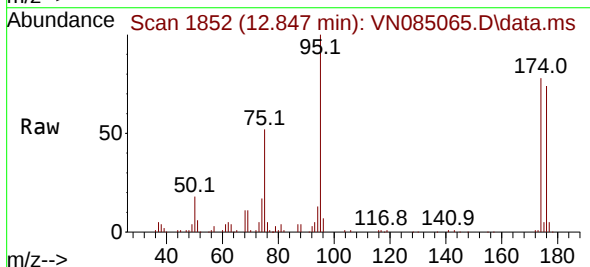
Instrument :
MSVOA_N
ClientSampleId :

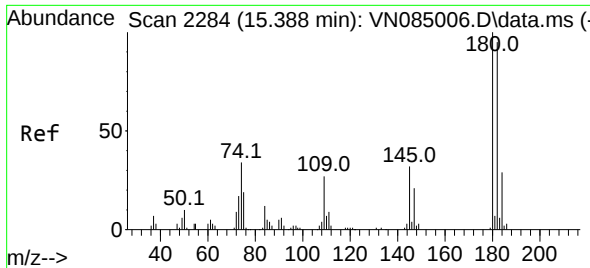
Tgt Ion: 75 Resp: 63411
Ion Ratio Lower Upper
75 100
77 1.2 109.1 327.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.731 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

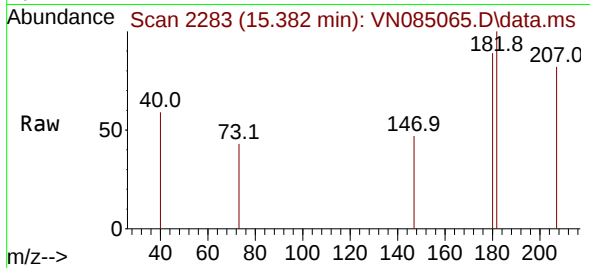
Tgt Ion: 75 Resp: 63411
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#



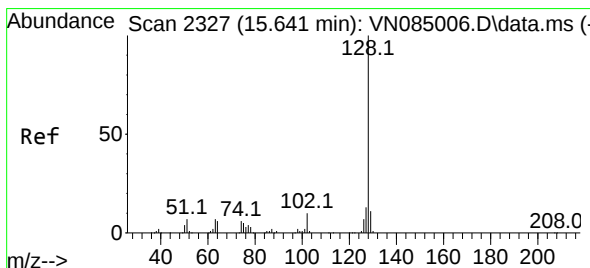
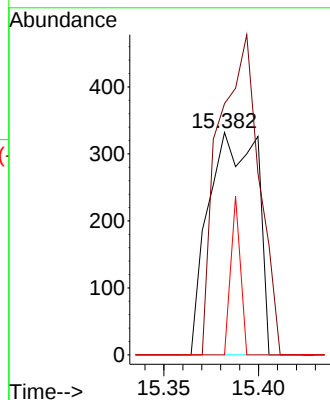
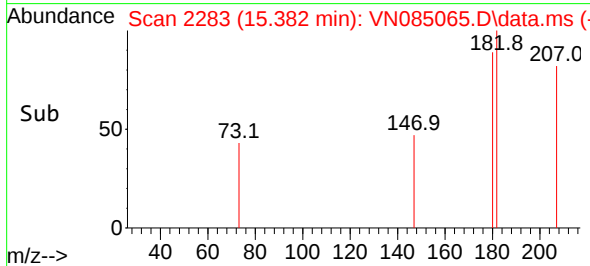


#93
1,2,4-Trichlorobenzene
Concen: 0.252 ug/l
RT: 15.382 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54

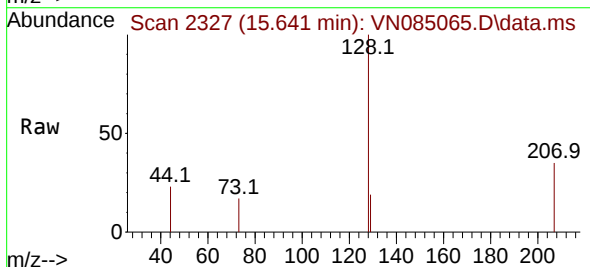
Instrument :
MSVOA_N
ClientSampleId :



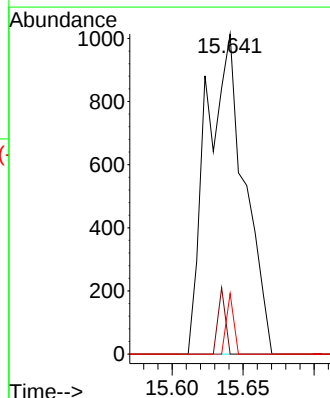
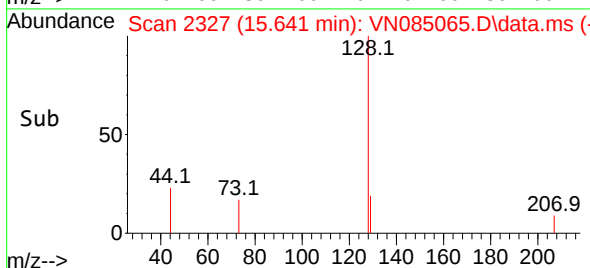
Tgt Ion:180 Resp: 593
Ion Ratio Lower Upper
180 100
182 119.6 46.9 140.8
145 14.2 16.3 48.8#

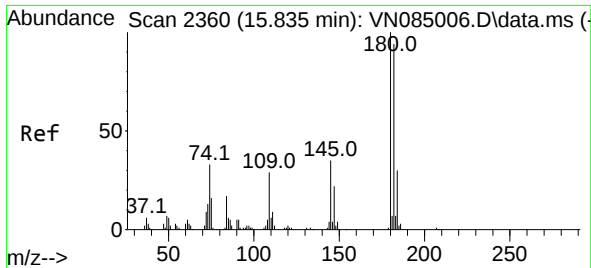


#95
Naphthalene
Concen: 0.282 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085065.D
Acq: 02 Dec 2024 11:54



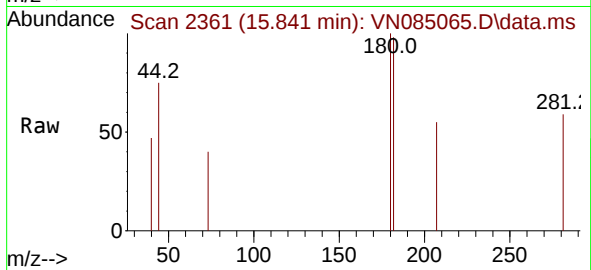
Tgt Ion:128 Resp: 1890
Ion Ratio Lower Upper
128 100
127 3.9 10.6 16.0#
129 3.6 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.294 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085065.D
 Acq: 02 Dec 2024 11:54

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 661

Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.4	139.2
145	0.0	17.3	52.0#

