

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084829.D
 Acq On : 13 Nov 2024 16:23
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 00:38:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

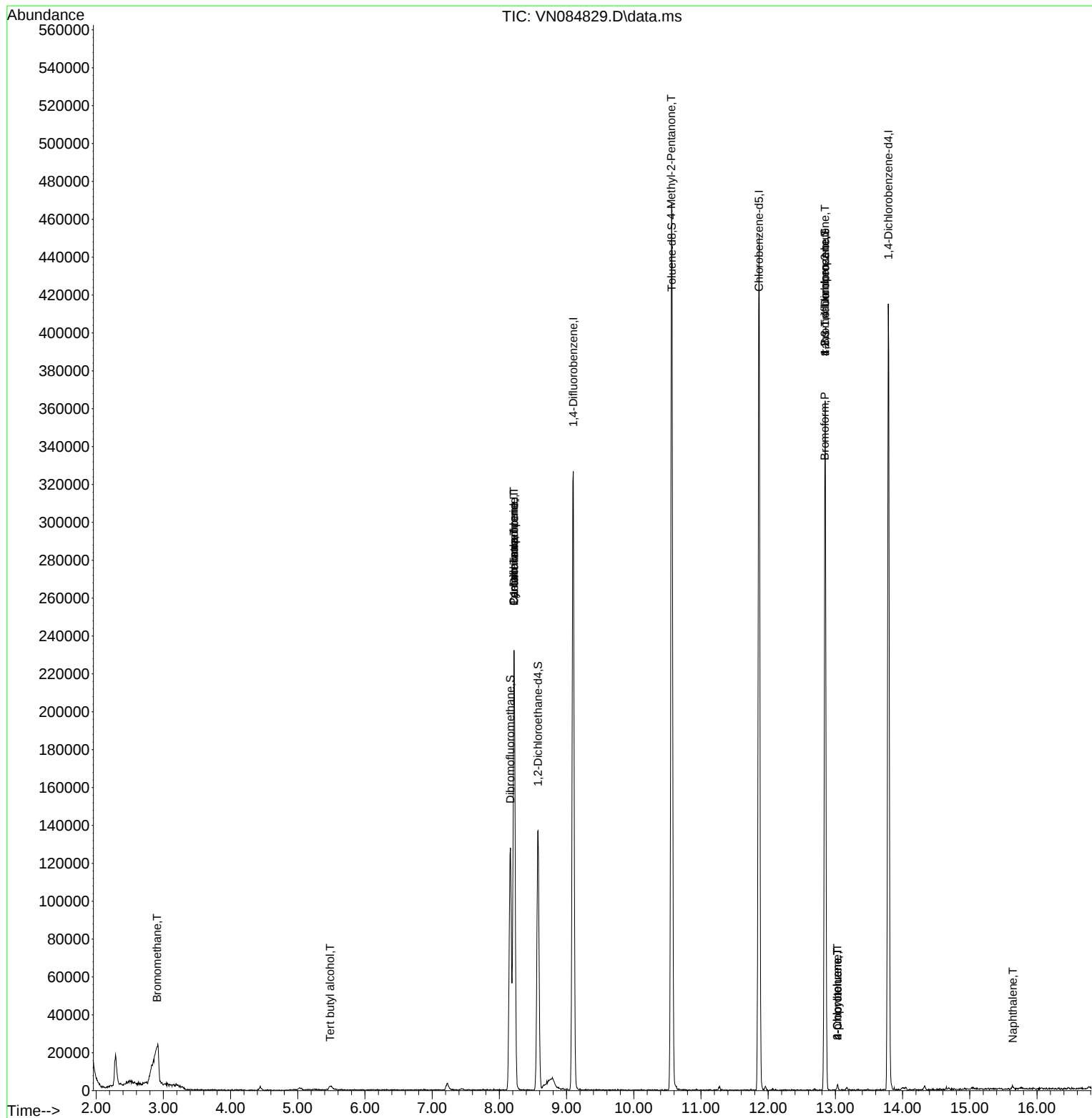
Internal Standards						
1) Pentafluorobenzene	8.218	168	164250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116882	49.269	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.540%
35) Dibromofluoromethane	8.165	113	93234	48.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.660%
50) Toluene-d8	10.565	98	328946	46.289	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.847	95	128253	48.290	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	449	Below Cal	#	41
5) Bromomethane	2.906	94	242	0.225	ug/l	91
6) Chloroethane	3.106	64	412	Below Cal	#	45
11) Tert butyl alcohol	5.483	59	1277	4.078	ug/l	# 73
18) Methyl Acetate	5.024	43	2020	Below Cal	#	82
31) Cyclohexane	8.218	56	3768	1.150	ug/l	# 1
36) 1,1-Dichloropropene	8.218	75	13215	4.939	ug/l	# 51
38) Carbon Tetrachloride	8.218	117	17543	5.866	ug/l	# 18
43) Isopropyl Acetate	8.706	43	810	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.559	43	1254	0.542	ug/l	# 1
71) Bromoform	12.841	173	381	0.255	ug/l	# 30
76) 1,2,3-Trichloropropane	12.847	75	64864	28.626	ug/l	# 1
78) n-propylbenzene	13.029	91	2880	0.309	ug/l	93
79) 2-Chlorotoluene	13.029	91	2880	0.473	ug/l	# 43
81) trans-1,4-Dichloro-2-b...	12.847	75	64864	67.912	ug/l	# 11
82) 4-Chlorotoluene	13.029	91	2880	0.450	ug/l	# 43
88) 1,4-Dichlorobenzene	13.811	146	136	Below Cal	#	24
95) Naphthalene	15.641	128	2382	0.363	ug/l	# 74

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
Data File : VN084829.D
Acq On : 13 Nov 2024 16:23
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 14 00:38:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

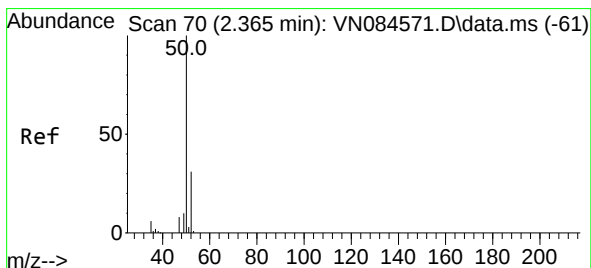
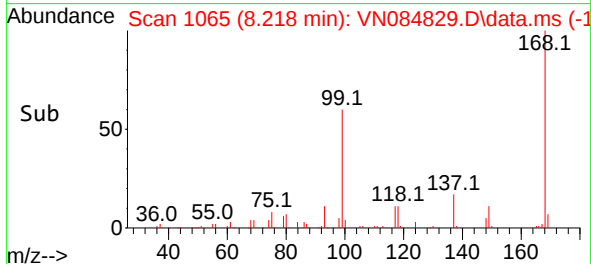
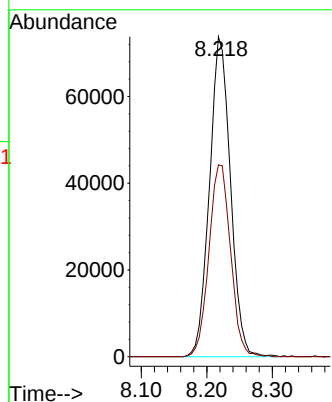
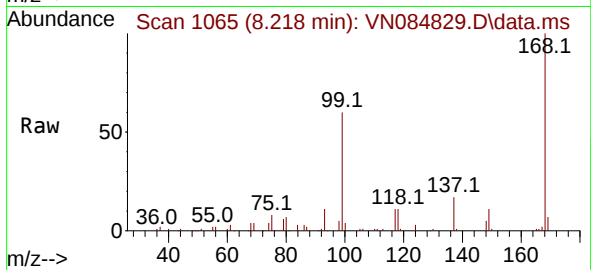




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

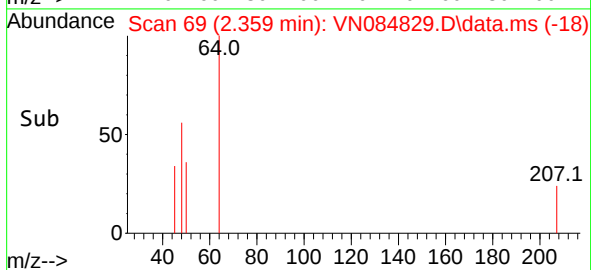
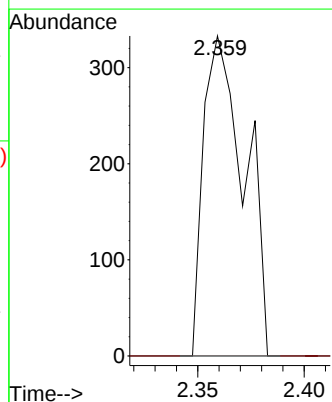
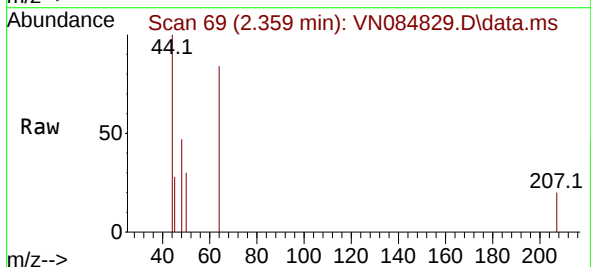
Instrument :
MSVOA_N
ClientSampleId :

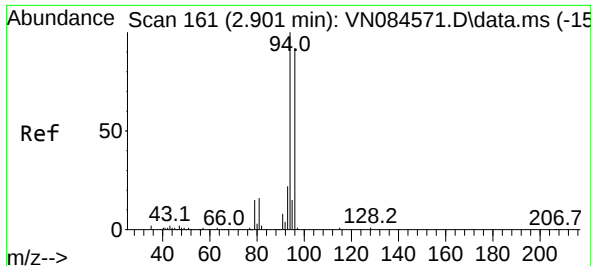
Tgt Ion:168 Resp: 164250
Ion Ratio Lower Upper
168 100
99 60.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Tgt Ion: 50 Resp: 449
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

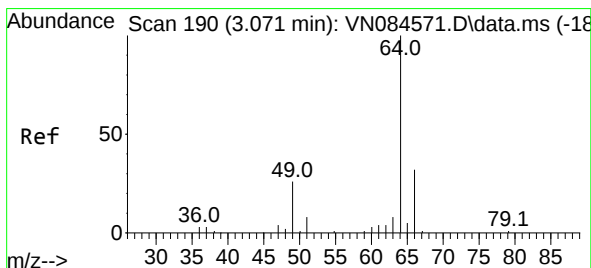
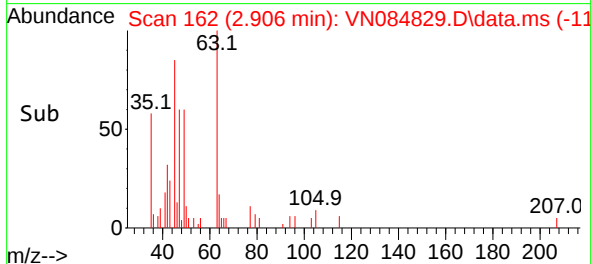
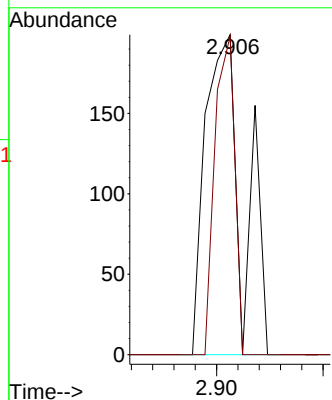
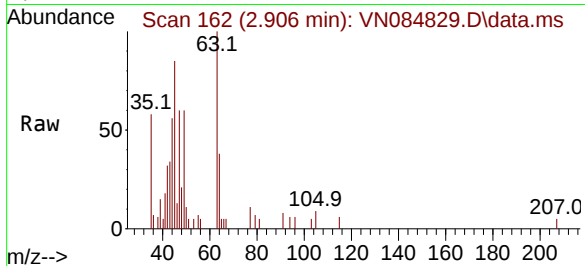




#5
Bromomethane
Concen: 0.225 ug/l
RT: 2.906 min Scan# 1
Delta R.T. -0.047 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

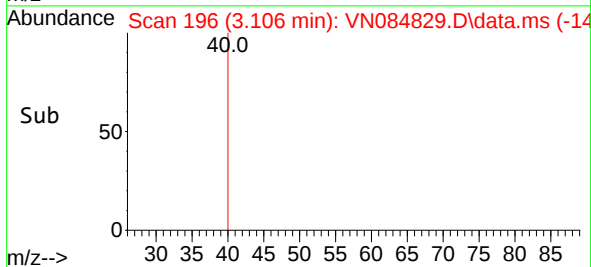
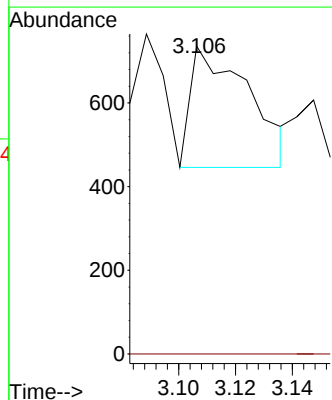
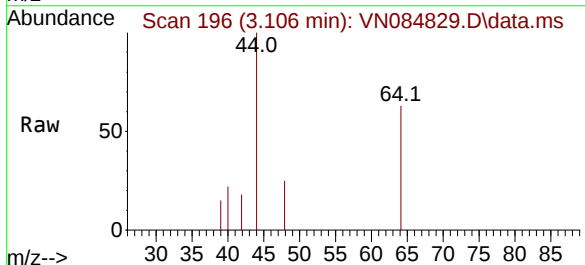
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 99.5 72.9 109.3



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Tgt Ion: 64 Resp: 412
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

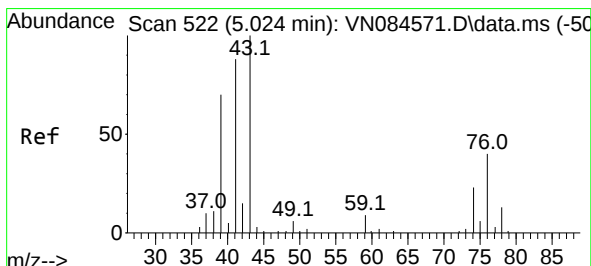
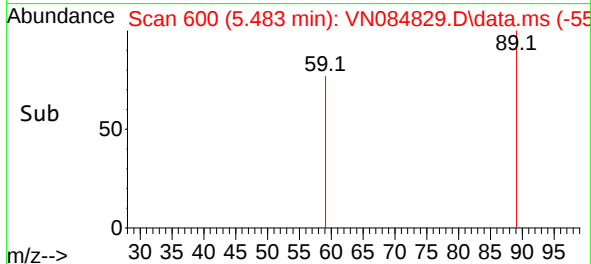
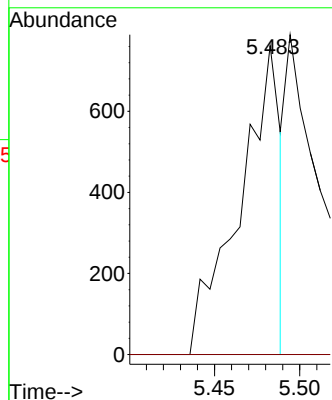
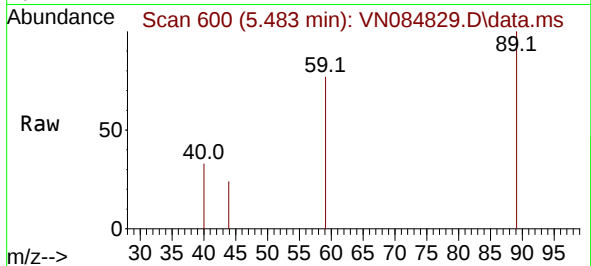




#11
Tert butyl alcohol
Concen: 4.078 ug/l
RT: 5.483 min Scan# 609
Delta R.T. -0.041 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

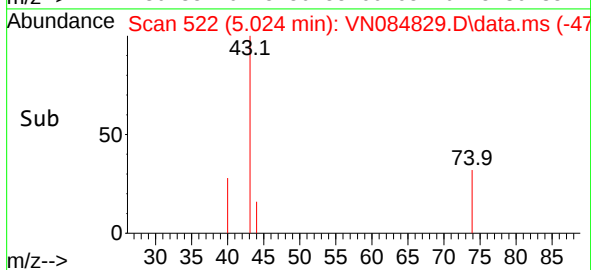
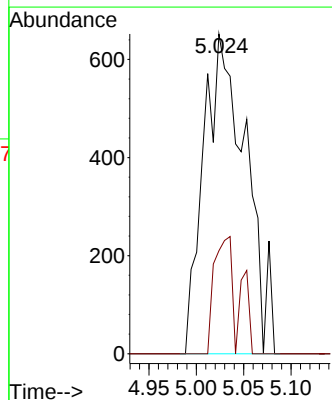
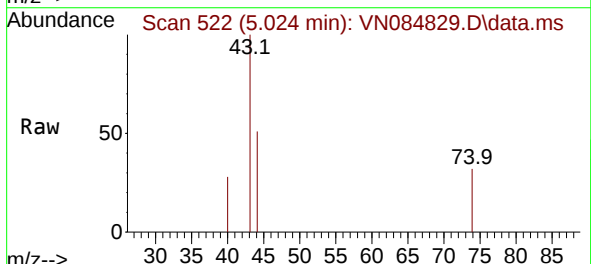
Instrument :
MSVOA_N
ClientSampleId :

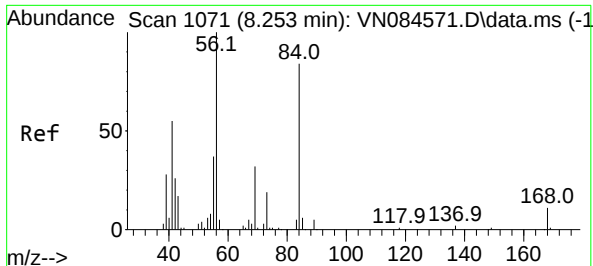
Tgt Ion: 59 Resp: 1277
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Tgt Ion: 43 Resp: 2020
Ion Ratio Lower Upper
43 100
74 15.1 19.2 28.8#





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084829.D

Acq: 13 Nov 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

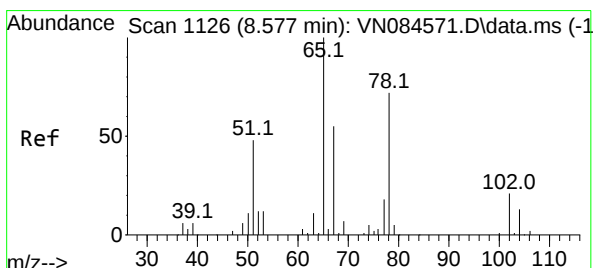
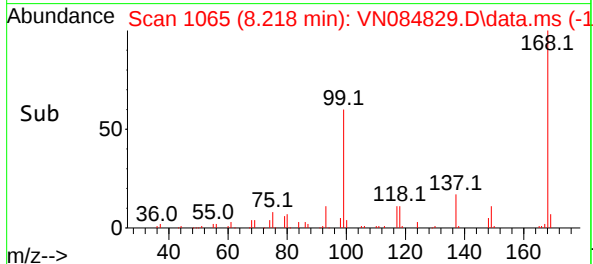
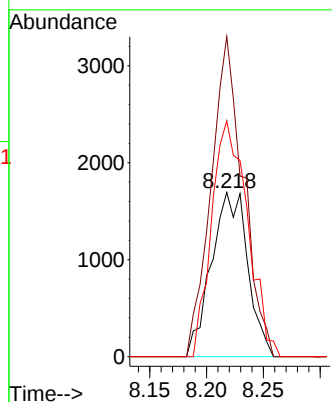
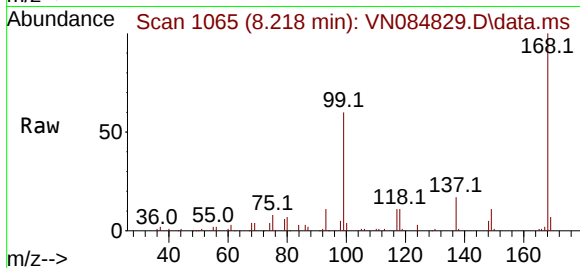
Tgt Ion: 56 Resp: 3768

Ion Ratio Lower Upper

56 100

69 194.8 23.8 35.6#

84 143.6 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 49.269 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084829.D

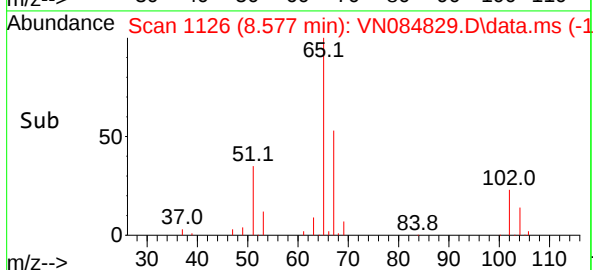
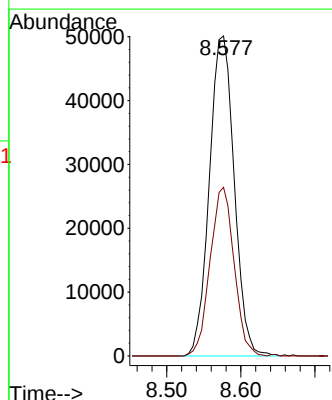
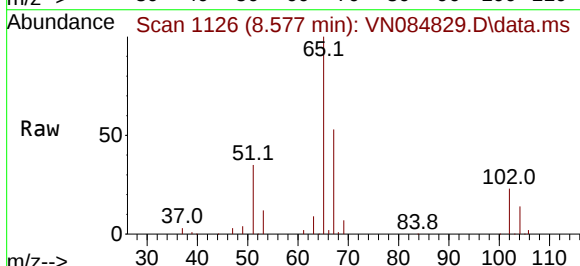
Acq: 13 Nov 2024 16:23

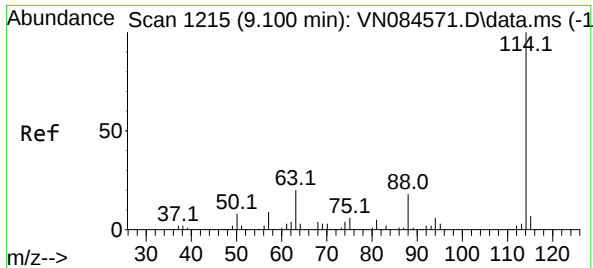
Tgt Ion: 65 Resp: 116882

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.0

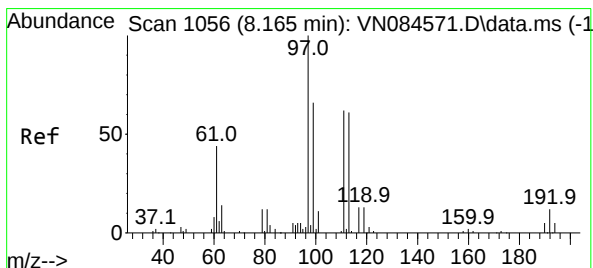
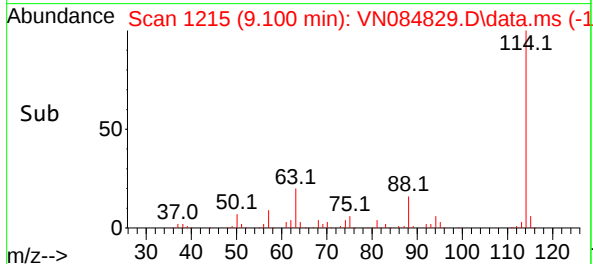
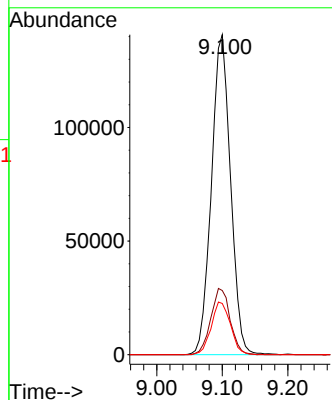
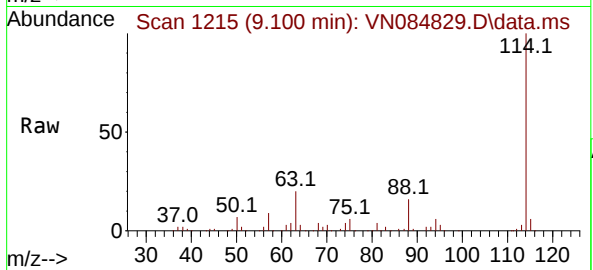




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

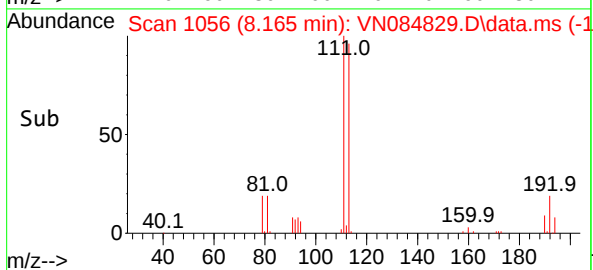
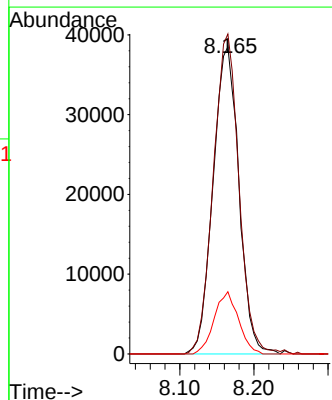
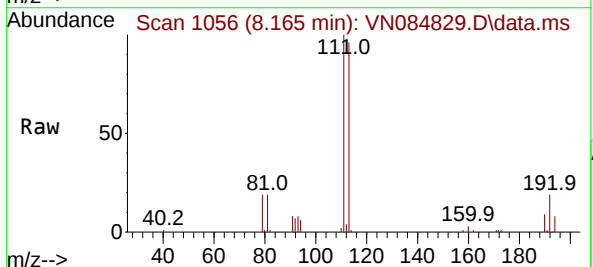
Instrument :
MSVOA_N
ClientSampleId :

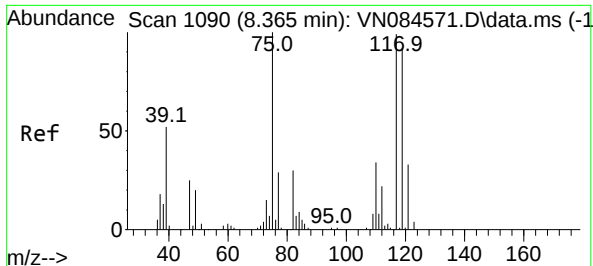
Tgt Ion:114 Resp: 285005
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.8
88 16.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 48.329 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Tgt Ion:113 Resp: 93234
Ion Ratio Lower Upper
113 100
111 103.4 83.3 124.9
192 19.0 13.5 20.3

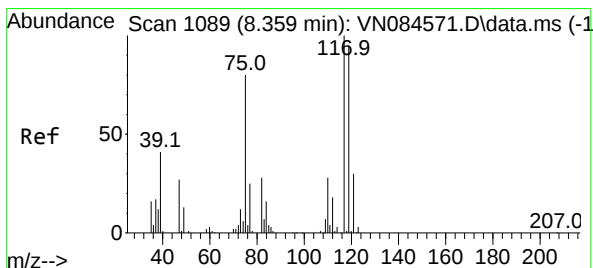
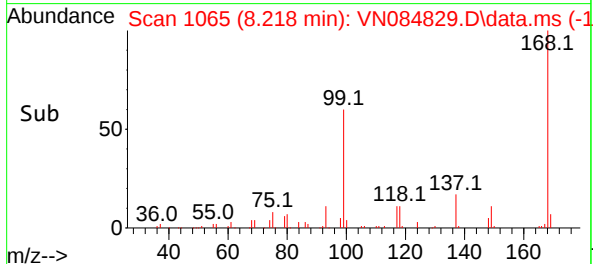
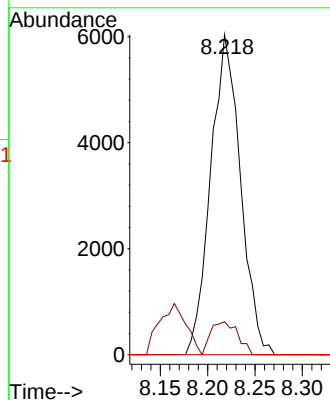
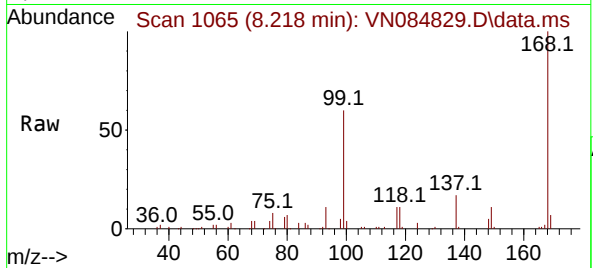




#36
1,1-Dichloropropene
Concen: 4.939 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

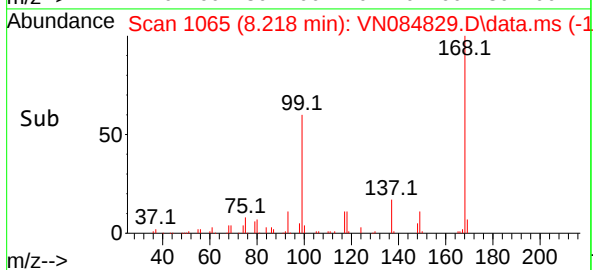
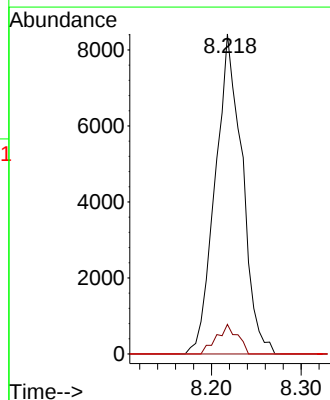
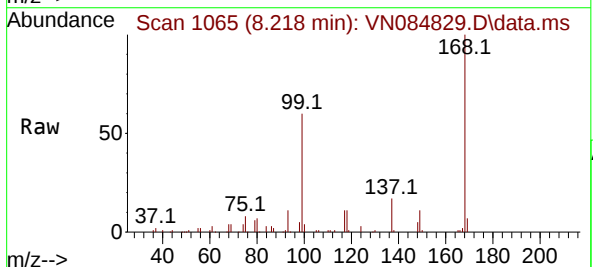
Instrument :
MSVOA_N
ClientSampleId :

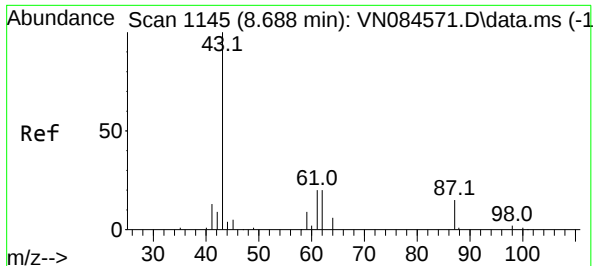
Tgt Ion: 75 Resp: 13215
Ion Ratio Lower Upper
75 100
110 9.3 16.9 50.7#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.866 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Tgt Ion: 117 Resp: 17543
Ion Ratio Lower Upper
117 100
119 9.2 78.7 118.1#
121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.706 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN084829.D

Acq: 13 Nov 2024 16:23

Instrument :

MSVOA_N

ClientSampleId :

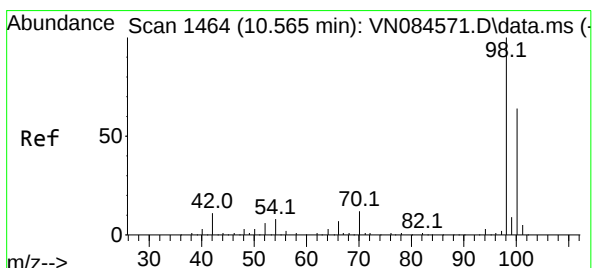
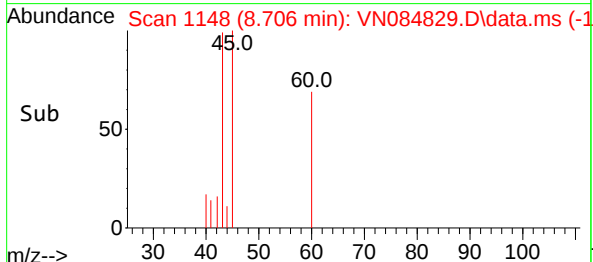
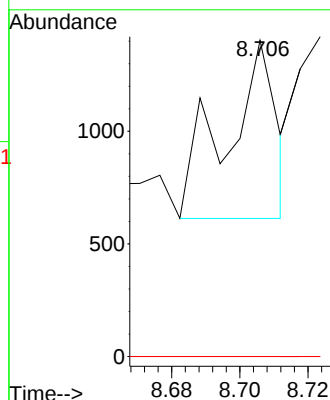
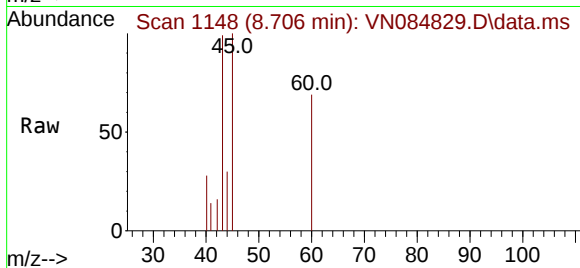
Tgt Ion: 43 Resp: 810

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 46.289 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084829.D

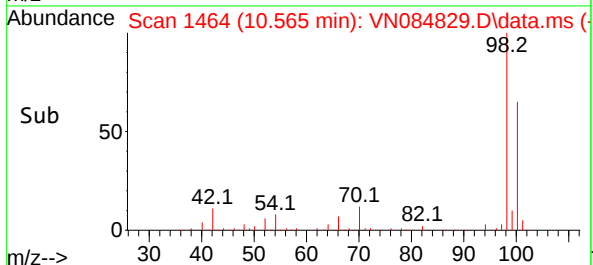
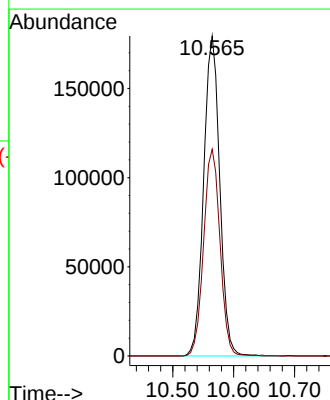
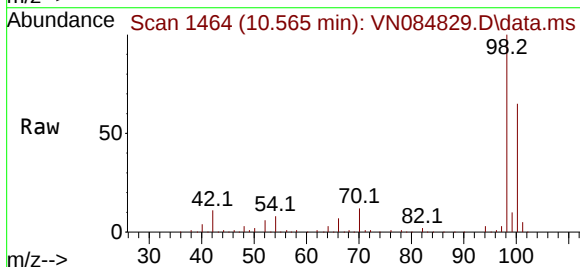
Acq: 13 Nov 2024 16:23

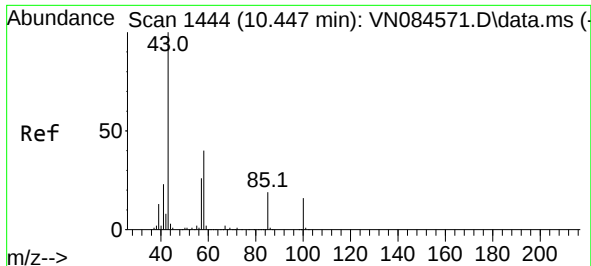
Tgt Ion: 98 Resp: 328946

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1

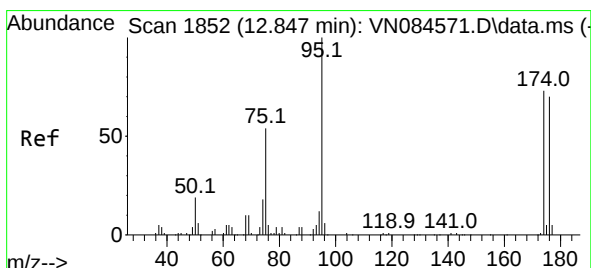
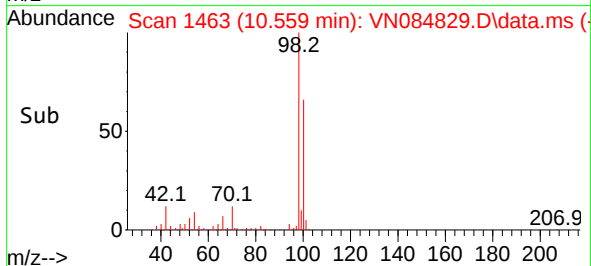
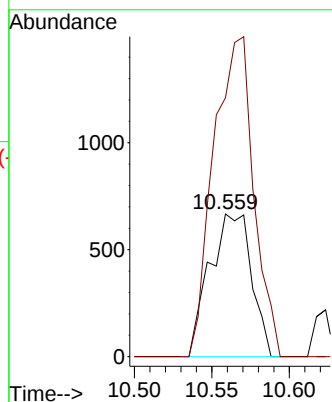
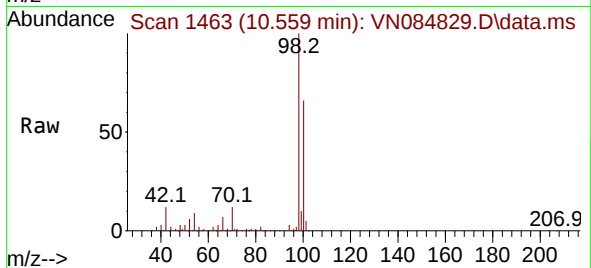




#51
4-Methyl-2-Pentanone
Concen: 0.542 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

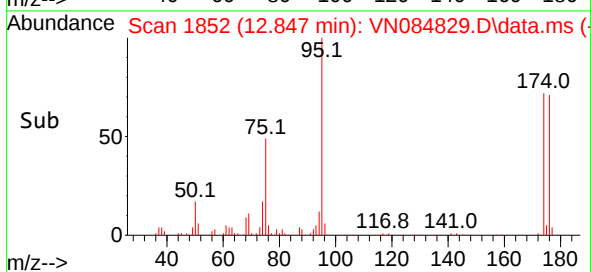
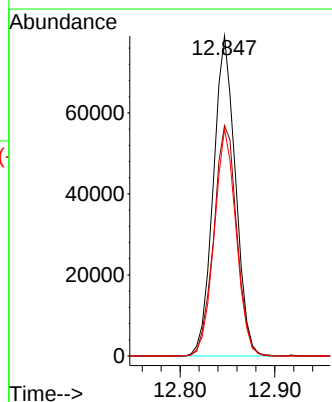
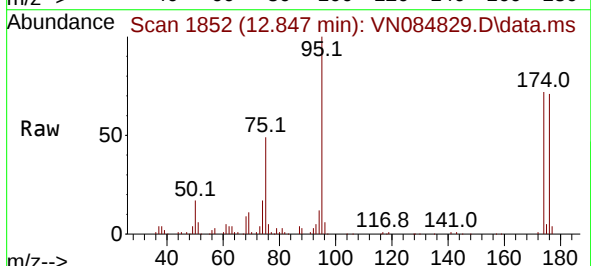
Instrument :
MSVOA_N
ClientSampleId :

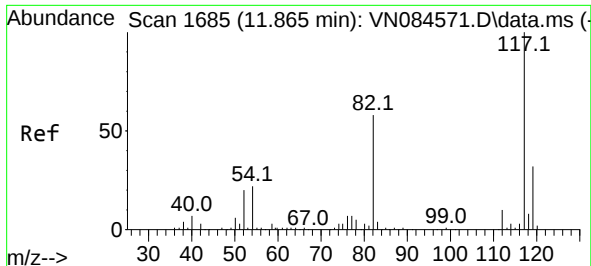
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
58 214.6 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 48.290 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Tgt Ion: 95 Resp: 128253
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.2
176 70.3 0.0 140.0

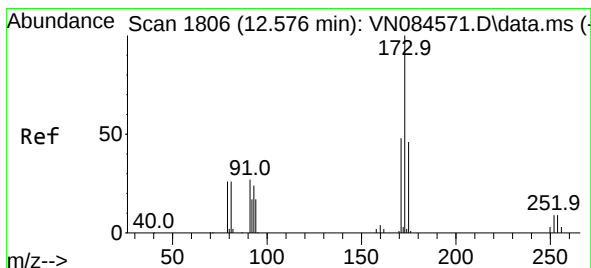
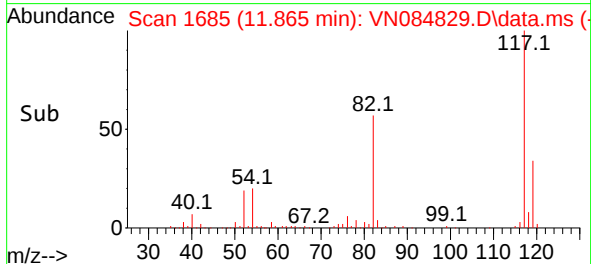
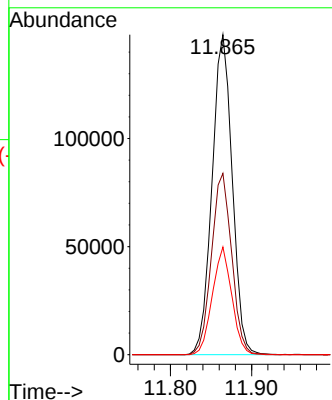
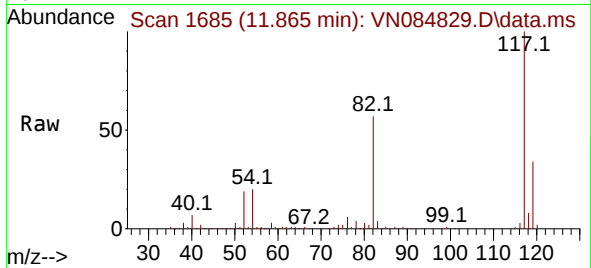




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

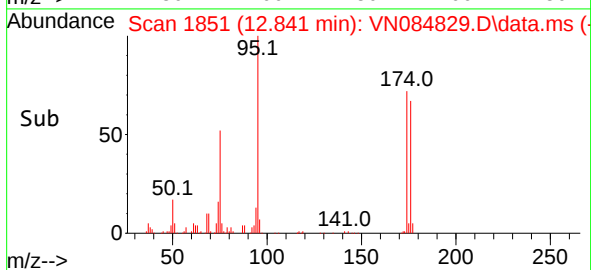
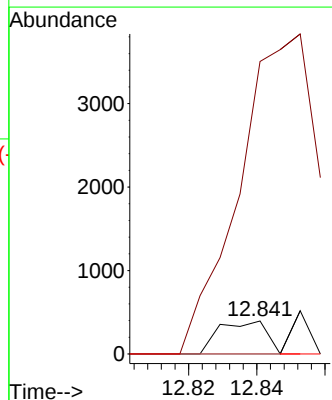
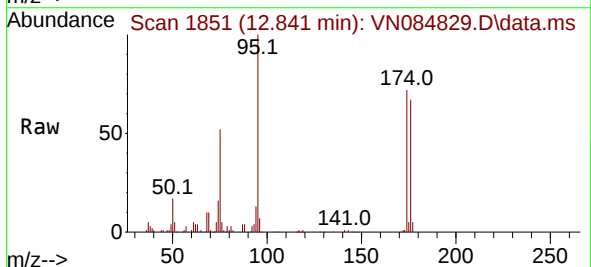
Instrument :
MSVOA_N
ClientSampleId :

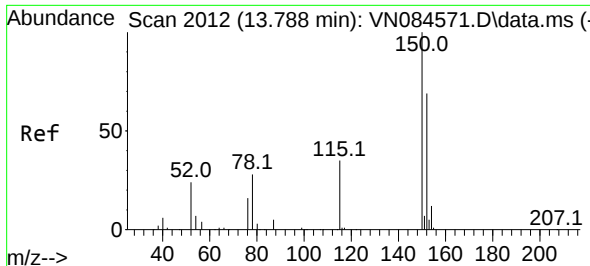
Tgt Ion:117 Resp: 255602
Ion Ratio Lower Upper
117 100
82 56.7 47.2 70.8
119 33.7 25.4 38.0



#71
Bromoform
Concen: 0.255 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

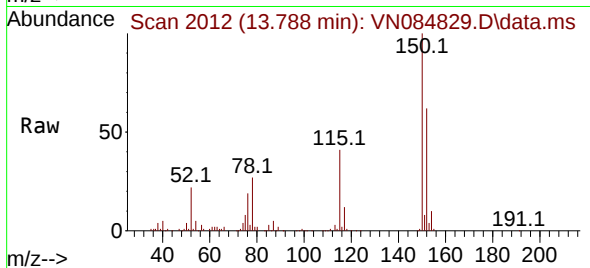
Tgt Ion:173 Resp: 381
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0



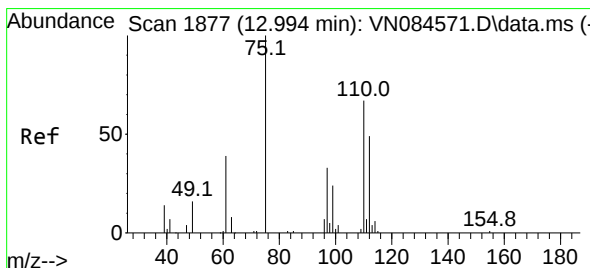
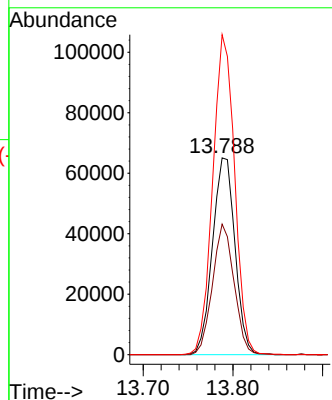
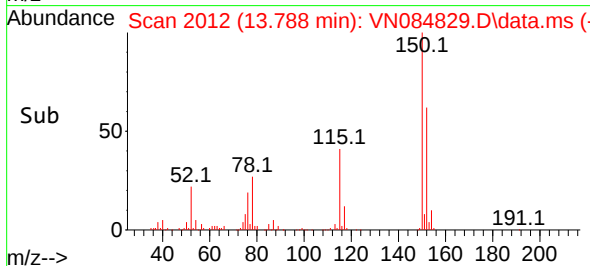


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :

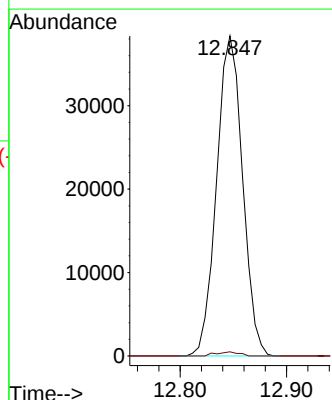
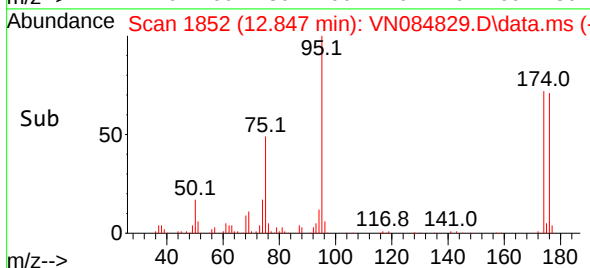
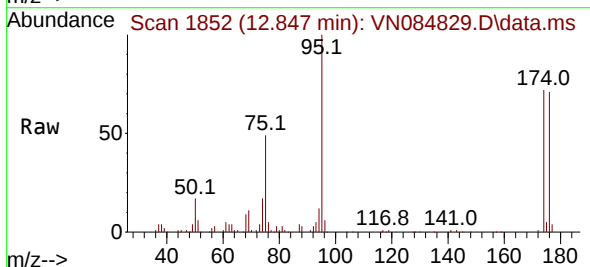


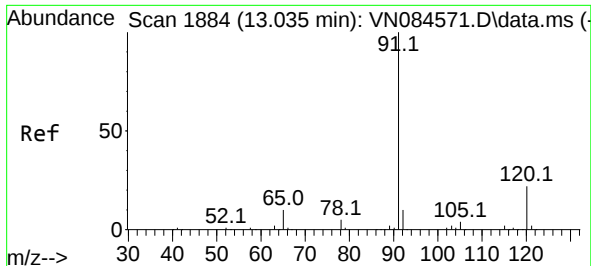
Tgt Ion:152 Resp: 113356
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.9
150 158.0 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 28.626 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Tgt Ion: 75 Resp: 64864
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#

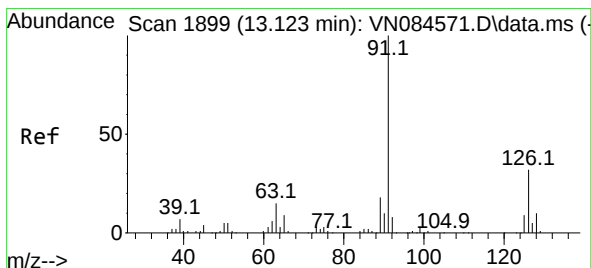
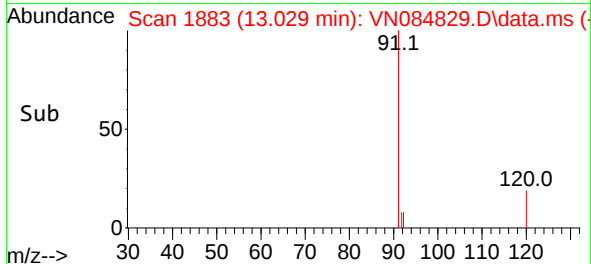
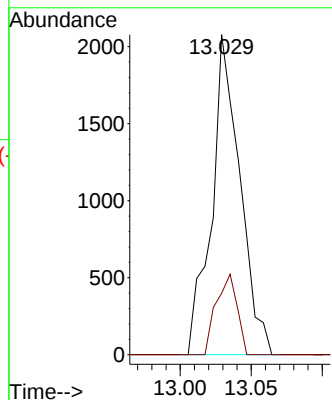
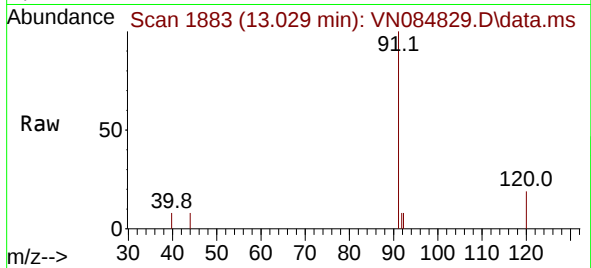




#78
n-propylbenzene
Concen: 0.309 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

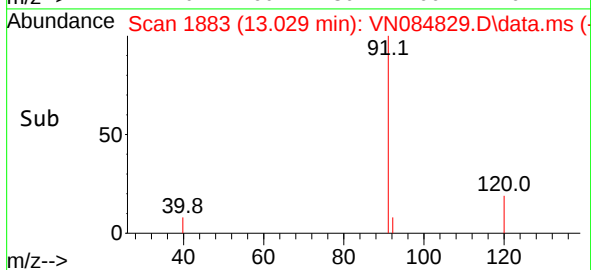
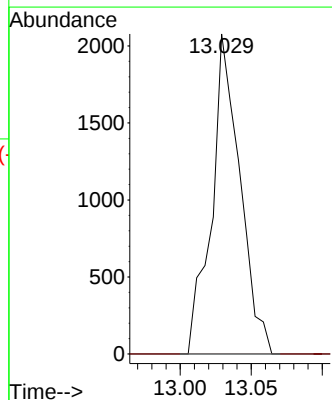
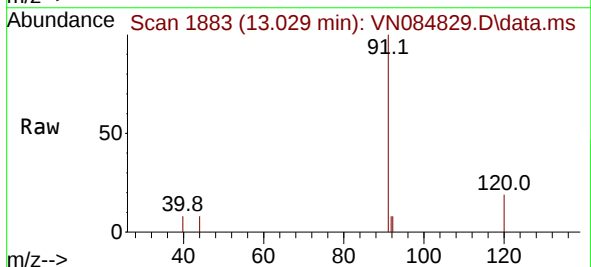
Instrument :
MSVOA_N
ClientSampleId :

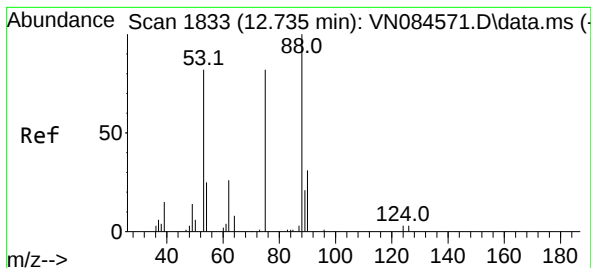
Tgt Ion: 91 Resp: 2880
Ion Ratio Lower Upper
91 100
120 18.5 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.473 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.094 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Tgt Ion: 91 Resp: 2880
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#

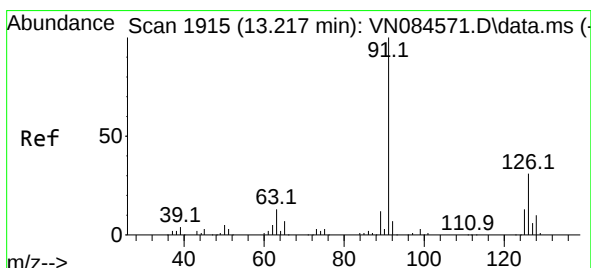
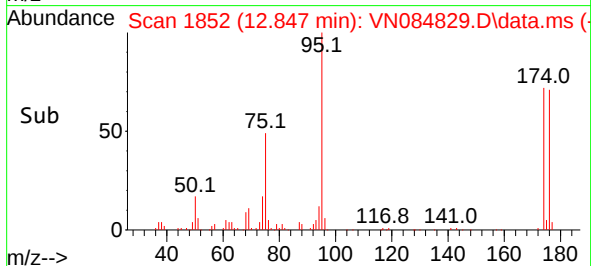
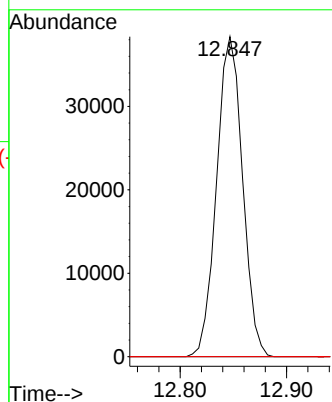
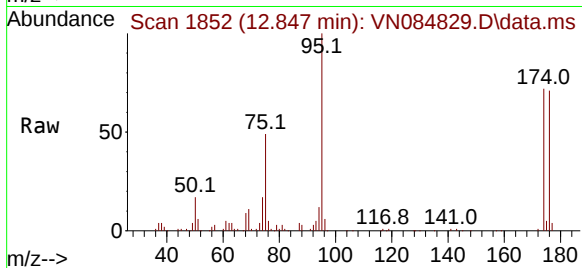




#81
trans-1,4-Dichloro-2-butene
Concen: 67.912 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

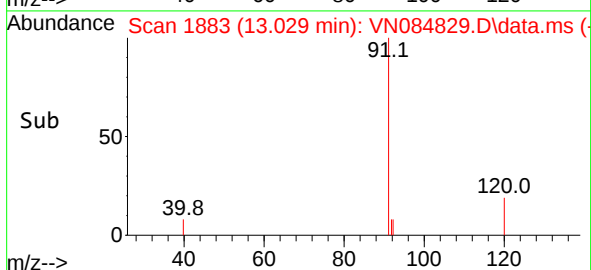
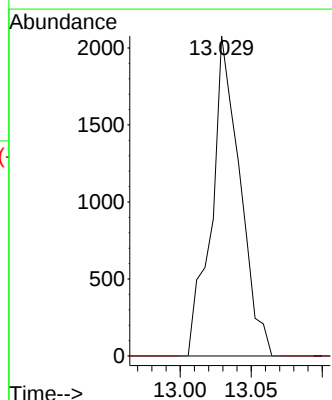
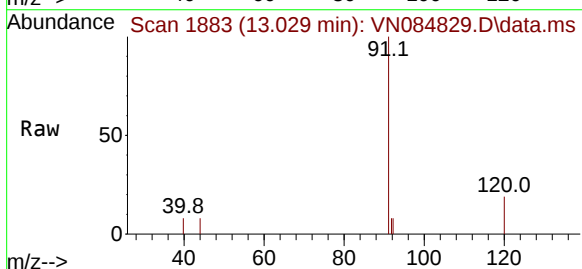
Instrument :
MSVOA_N
ClientSampleId :

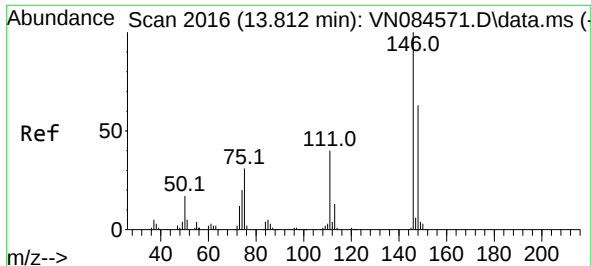
Tgt Ion: 75 Resp: 64864
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.450 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.188 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

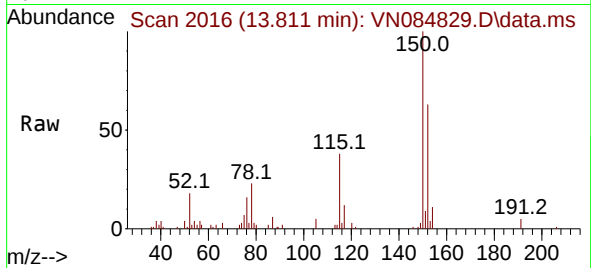
Tgt Ion: 91 Resp: 2880
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



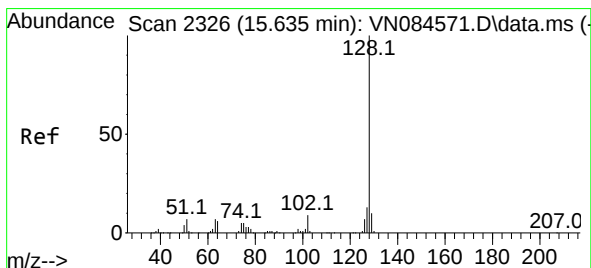
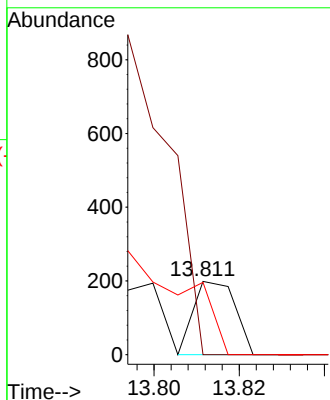
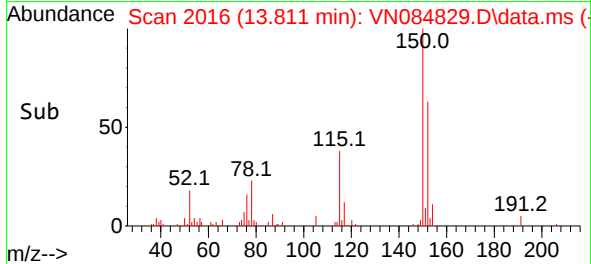


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.811 min Scan# 2016
Delta R.T. -0.001 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 136
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#



#95
Naphthalene
Concen: 0.363 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084829.D
Acq: 13 Nov 2024 16:23

Tgt Ion:128 Resp: 2382
Ion Ratio Lower Upper
128 100
127 3.4 10.5 15.7#
129 0.0 8.7 13.1#

